

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
 Data File : VN081291.D
 Acq On : 01 Mar 2024 17:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 01 22:21:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/04/2024
 Supervised By : Mahesh Dadoda 03/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	230686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	419099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	382674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147230	52.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.140%			
35) Dibromofluoromethane	8.165	113	127026	53.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.200%			
50) Toluene-d8	10.571	98	390829	46.432	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.860%			
62) 4-Bromofluorobenzene	12.853	95	164289	51.945	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	161778	54.228	ug/l	95
3) Chloromethane	2.365	50	151304	46.393	ug/l	98
4) Vinyl Chloride	2.512	62	170719	51.518	ug/l	93
5) Bromomethane	2.954	94	99520	42.283	ug/l	91
6) Chloroethane	3.118	64	118785	55.538	ug/l	99
7) Trichlorofluoromethane	3.495	101	280687	57.980	ug/l	96
8) Diethyl Ether	3.959	74	97942	55.336	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	159308	59.030	ug/l	95
10) Methyl Iodide	4.589	142	156796	52.050	ug/l	98
11) Tert butyl alcohol	5.518	59	154673	297.447	ug/l	100
12) 1,1-Dichloroethene	4.342	96	143190	54.888	ug/l	97
13) Acrolein	4.177	56	57440	206.093	ug/l	97
14) Allyl chloride	5.024	41	210253	54.318	ug/l #	89
15) Acrylonitrile	5.718	53	443145	326.305	ug/l	99
16) Acetone	4.424	43	337031	302.926	ug/l	98
17) Carbon Disulfide	4.712	76	319579	43.920	ug/l	98
18) Methyl Acetate	5.024	43	208154	76.694	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	549044	61.449	ug/l	96
20) Methylene Chloride	5.277	84	171634	59.814	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	158772	54.550	ug/l	89
22) Diisopropyl ether	6.671	45	545628	62.140	ug/l #	94
23) Vinyl Acetate	6.600	43	2145543	301.169	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	312829	61.616	ug/l	96
25) 2-Butanone	7.483	43	572371	318.442	ug/l	96
26) 2,2-Dichloropropane	7.489	77	276119	58.043	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	194361	57.475	ug/l	90
28) Bromochloromethane	7.818	49	135595	64.421	ug/l #	70
29) Tetrahydrofuran	7.841	42	384060	320.088	ug/l #	88
30) Chloroform	7.971	83	342956	63.542	ug/l	99
31) Cyclohexane	8.259	56	253415	51.905	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	299778	60.986	ug/l	93
36) 1,1-Dichloropropene	8.371	75	232051	57.154	ug/l	96
37) Ethyl Acetate	7.559	43	240452	65.620	ug/l	99
38) Carbon Tetrachloride	8.365	117	254887	62.051	ug/l	95
39) Methylcyclohexane	9.600	83	255016	53.881	ug/l	91
40) Benzene	8.606	78	706410	60.110	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	129162	61.936	ug/l	94
42) 1,2-Dichloroethane	8.671	62	257570	62.821	ug/l	98
43) Isopropyl Acetate	8.688	43	584402	91.190	ug/l #	91
44) Trichloroethene	9.353	130	174127	55.631	ug/l	96
45) 1,2-Dichloropropane	9.624	63	185379	63.061	ug/l	100
46) Dibromomethane	9.712	93	132233	61.737	ug/l	93
47) Bromodichloromethane	9.888	83	269063	66.327	ug/l #	99
48) Methyl methacrylate	9.683	41	187605	62.913	ug/l	90
49) 1,4-Dioxane	9.694	88	77481	1429.109	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	1260088	341.807	ug/l	96
52) Toluene	10.635	92	443876	59.662	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	279299	61.957	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	301430	61.889	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	186181	65.064	ug/l	97
56) Ethyl methacrylate	10.877	69	278551	63.694	ug/l	90
57) 1,3-Dichloropropane	11.165	76	315272	63.720	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	697315	317.786	ug/l #	89
59) 2-Hexanone	11.200	43	938898	321.243	ug/l	97
60) Dibromochloromethane	11.359	129	197941	65.115	ug/l	100
61) 1,2-Dibromoethane	11.471	107	186827	62.088	ug/l	98
64) Tetrachloroethene	11.106	164	154530	59.167	ug/l	92
65) Chlorobenzene	11.894	112	475602	57.424	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	185010	62.193	ug/l	97
67) Ethyl Benzene	11.965	91	875900	59.101	ug/l	98
68) m/p-Xylenes	12.077	106	662520	116.628	ug/l	97
69) o-Xylene	12.400	106	325660	57.834	ug/l	97
70) Styrene	12.412	104	539940	60.512	ug/l	97
71) Bromoform	12.582	173	125882	66.699	ug/l #	97
73) Isopropylbenzene	12.700	105	863011	53.525	ug/l	98
74) N-amyl acetate	12.494	43	377246	55.360	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	269962	59.545	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	242763m	57.980	ug/l	
77) Bromobenzene	12.982	156	192485	53.541	ug/l	79
78) n-propylbenzene	13.035	91	1030093	55.497	ug/l	97
79) 2-Chlorotoluene	13.129	91	612690	53.816	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	734334	56.173	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	88567	54.446	ug/l	88
82) 4-Chlorotoluene	13.224	91	600375	53.933	ug/l	95
83) tert-Butylbenzene	13.441	119	618985	54.759	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	738570	56.696	ug/l	97
85) sec-Butylbenzene	13.618	105	912975	58.097	ug/l	94
86) p-Isopropyltoluene	13.729	119	751434	57.569	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	369291	54.366	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	362904	54.371	ug/l	98
89) n-Butylbenzene	14.059	91	663577	58.354	ug/l	97
90) Hexachloroethane	14.335	117	135551	62.826	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	356576	54.427	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	54953	58.298	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	197799	54.117	ug/l	99
94) Hexachlorobutadiene	15.506	225	73349	53.809	ug/l	99
95) Naphthalene	15.641	128	728890	54.420	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	200581	55.319	ug/l	97

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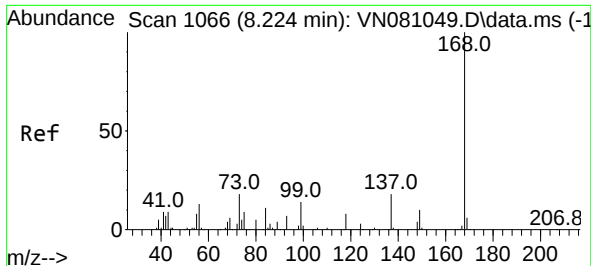
Manual Integrations
APPROVED

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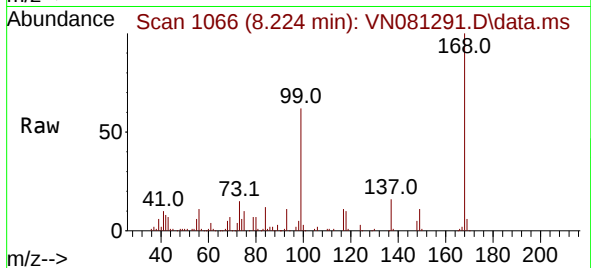
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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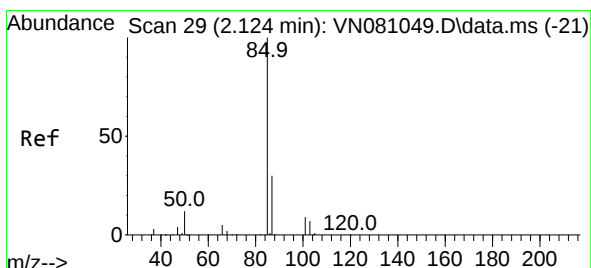
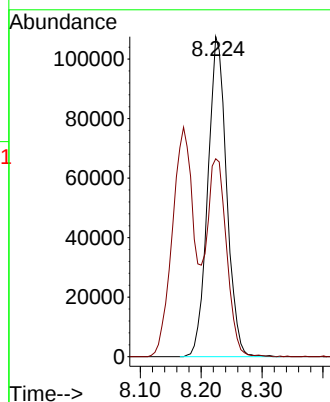
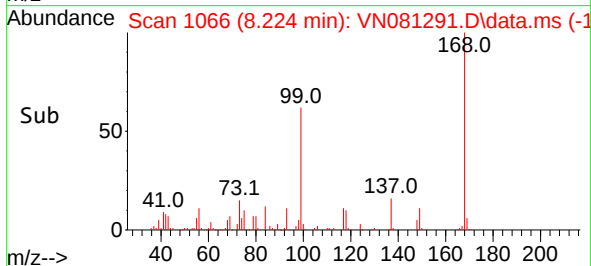
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ClientSampleId :
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Tgt Ion:168 Resp: 230680
Ion Ratio Lower Upper
168 100
99 61.7 59.9 89.9

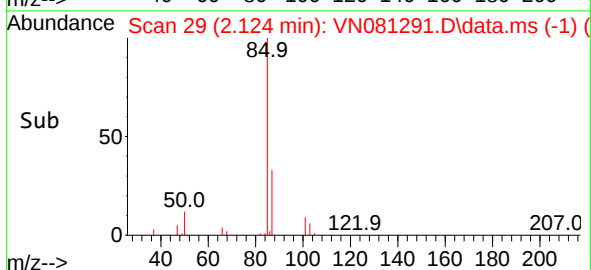
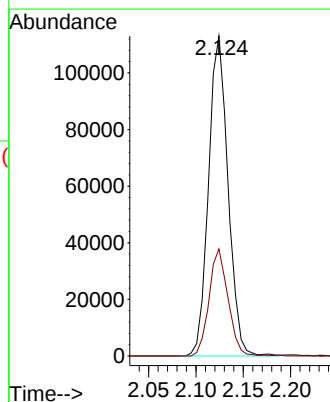
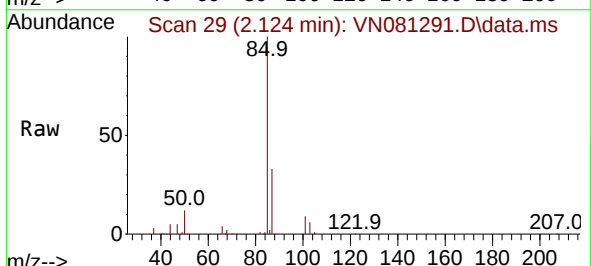
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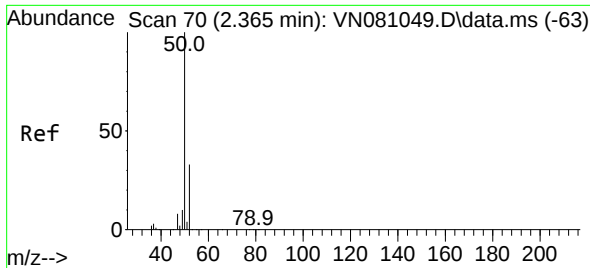
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Supervised By :Mahesh Dadoda 03/04/2024



#2
Dichlorodifluoromethane
Concen: 54.228 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

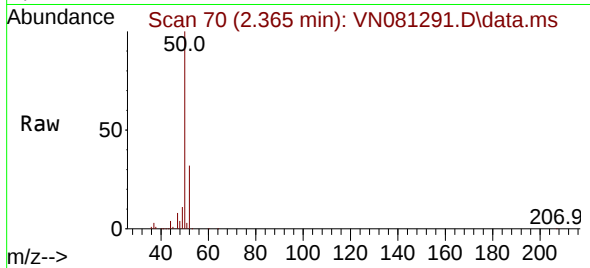
Tgt Ion: 85 Resp: 161778
Ion Ratio Lower Upper
85 100
87 33.4 15.3 45.9





#3
Chloromethane
Concen: 46.393 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

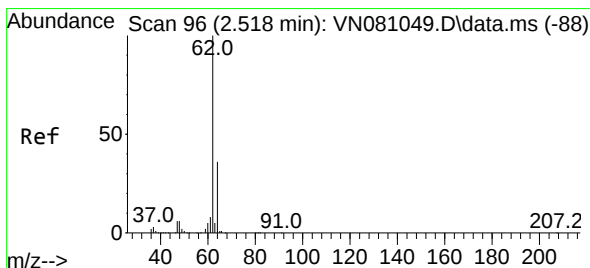
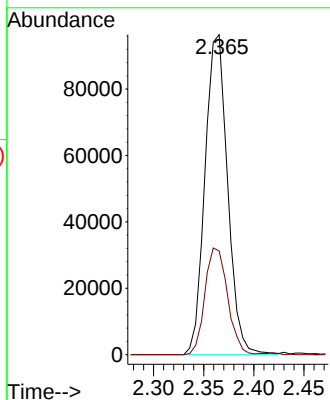
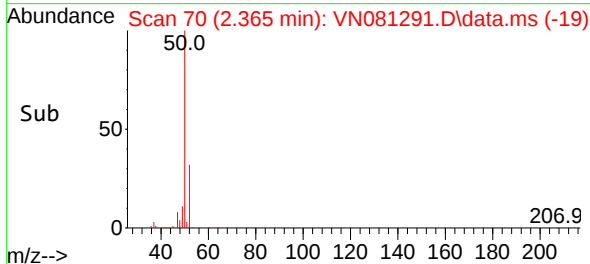
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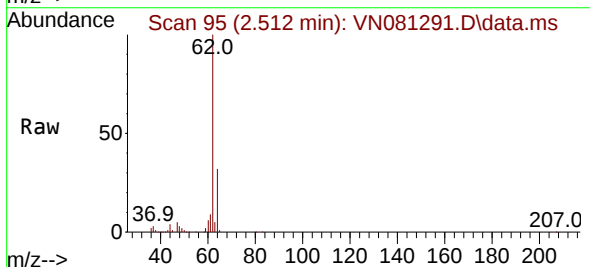
Tgt Ion: 50 Resp: 151304
Ion Ratio Lower Upper
50 100
52 32.4 25.0 37.4

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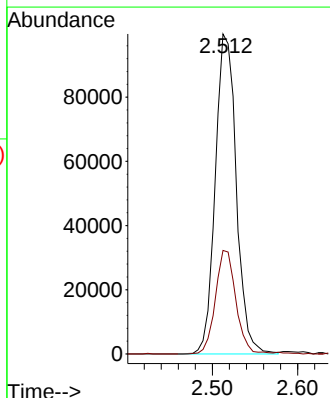
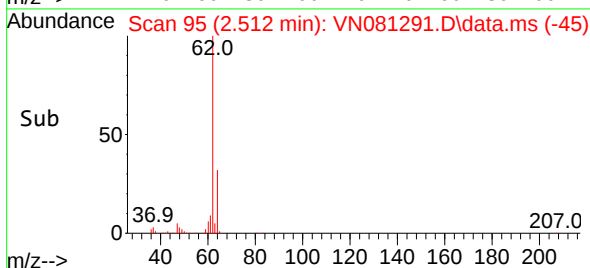
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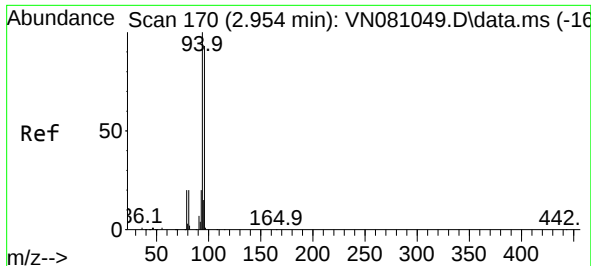


#4
Vinyl Chloride
Concen: 51.518 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



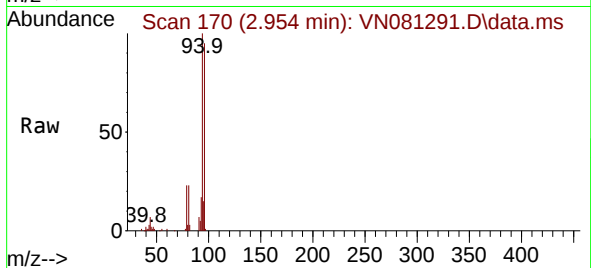
Tgt Ion: 62 Resp: 170719
Ion Ratio Lower Upper
62 100
64 32.4 22.7 34.1





#5
Bromomethane
Concen: 42.283 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081291.D
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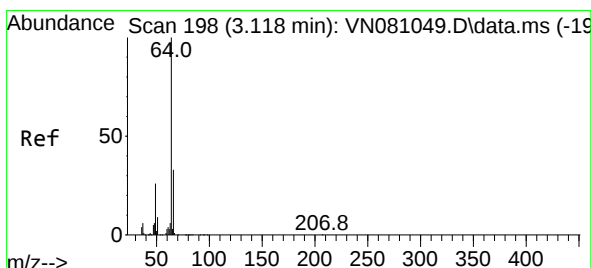
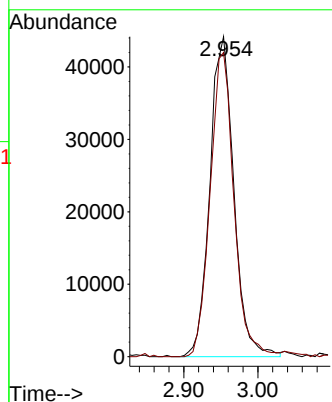
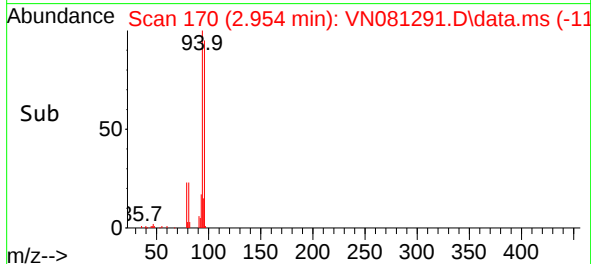
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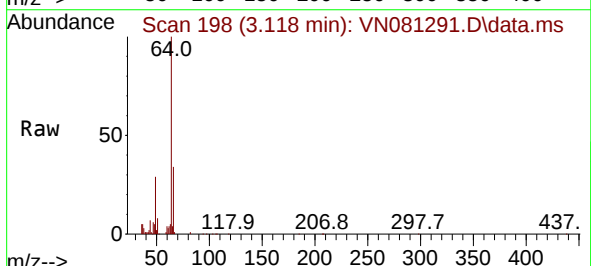
Tgt Ion: 94 Resp: 99520
Ion Ratio Lower Upper
94 100
96 95.1 69.2 103.8

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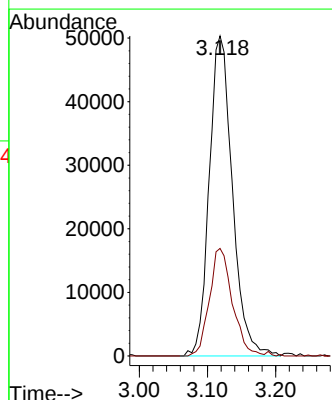
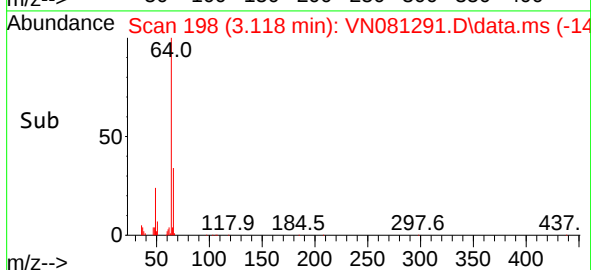
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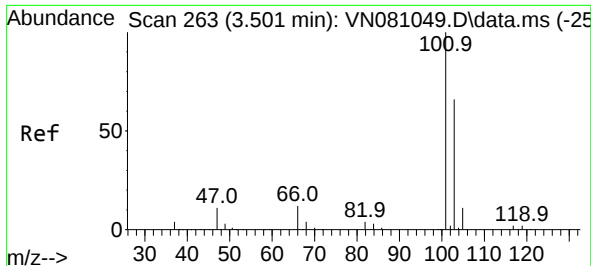


#6
Chloroethane
Concen: 55.538 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



Tgt Ion: 64 Resp: 118785
Ion Ratio Lower Upper
64 100
66 33.6 26.4 39.6





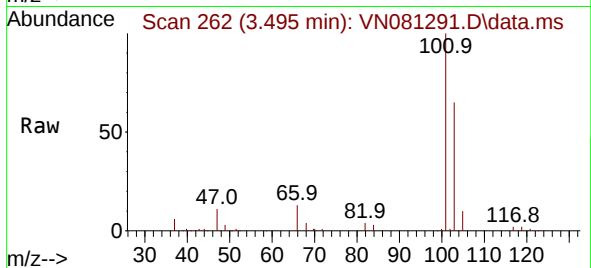
#7
Trichlorofluoromethane
Concen: 57.980 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

Instrument :

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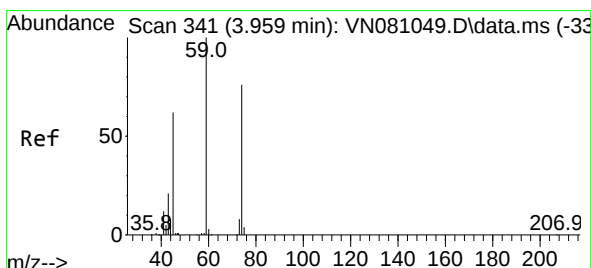
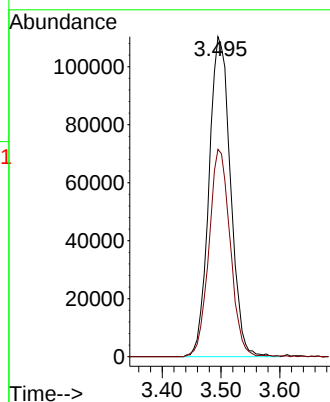
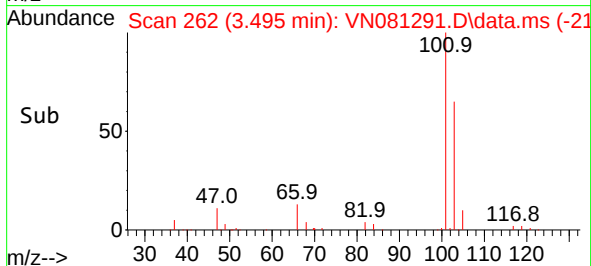
Tgt Ion:101 Resp: 28068
Ion Ratio Lower Upper
101 100
103 64.8 54.4 81.6

Manual Integrations

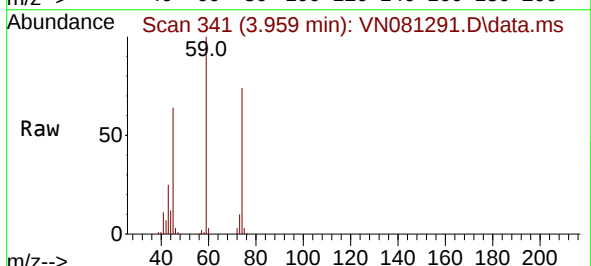
APPROVED

Reviewed By :John Carlone 03/04/2024

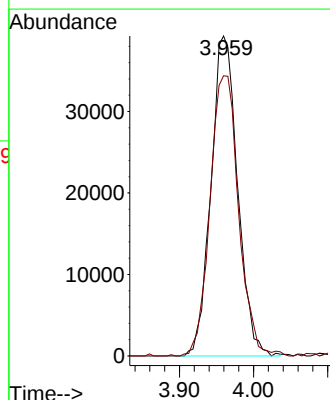
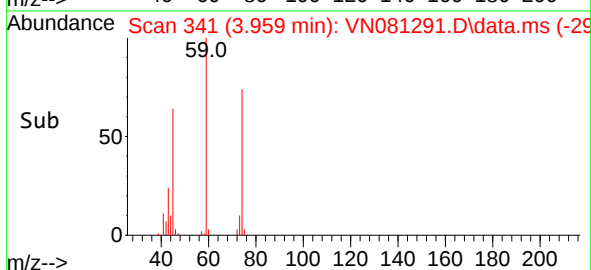
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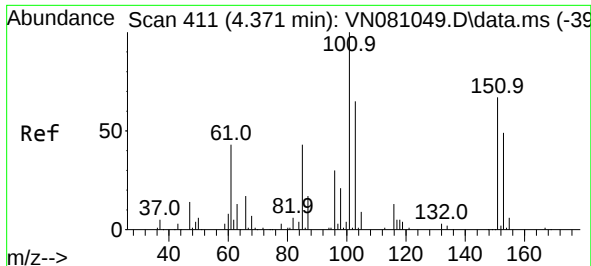


#8
Diethyl Ether
Concen: 55.336 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081291.D
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Tgt Ion: 74 Resp: 97942
Ion Ratio Lower Upper
74 100
45 94.1 53.3 159.9





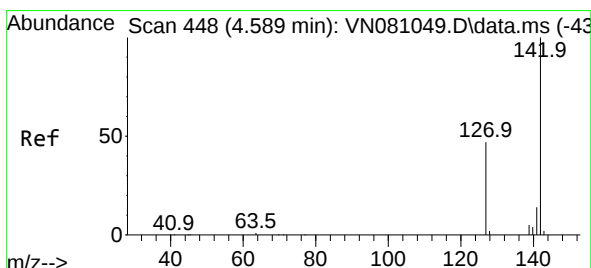
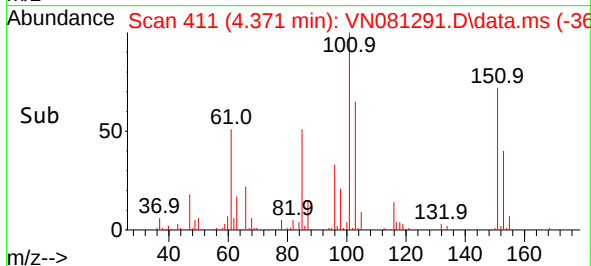
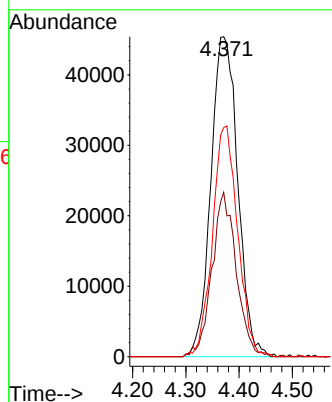
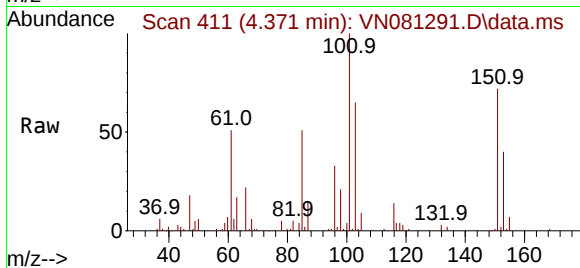
#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.030 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 159308
Ion Ratio Lower Upper
101 100
85 46.4 38.1 57.1
151 67.7 49.1 73.7

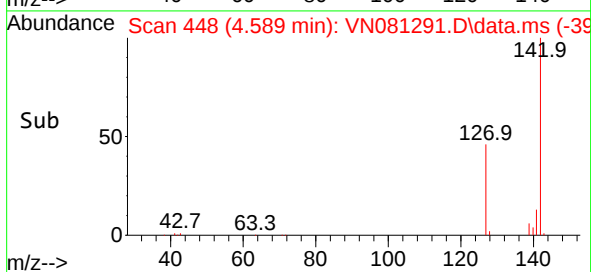
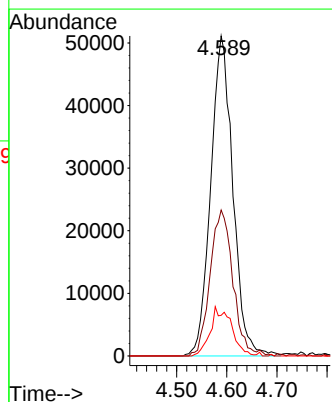
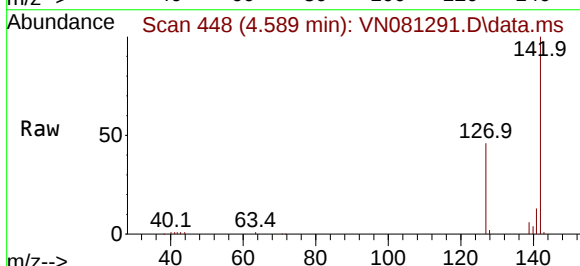
Manual Integrations
APPROVED

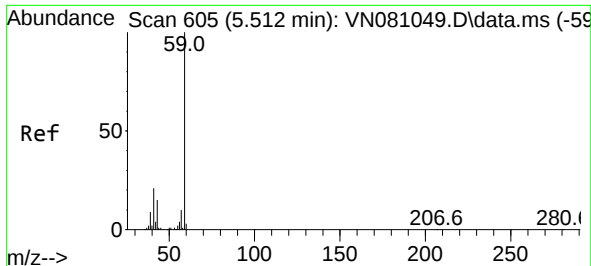
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#10
Methyl Iodide
Concen: 52.050 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

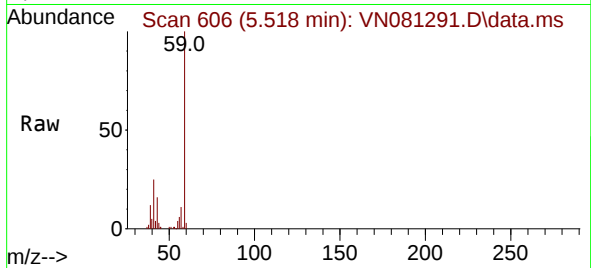
Tgt Ion:142 Resp: 156796
Ion Ratio Lower Upper
142 100
127 45.6 37.0 55.4
141 12.7 12.5 18.7





#11
Tert butyl alcohol
Concen: 297.447 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

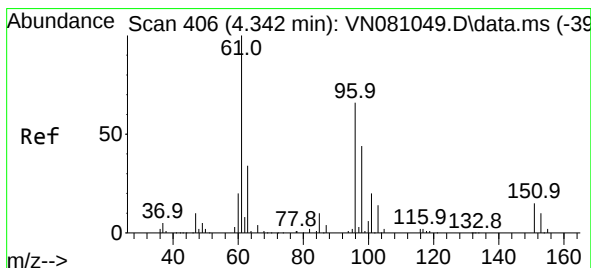
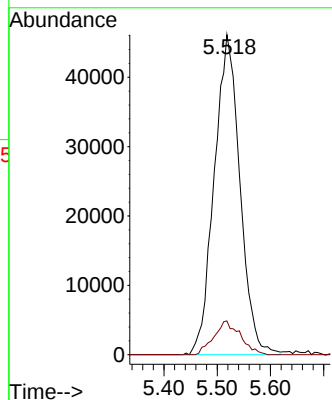
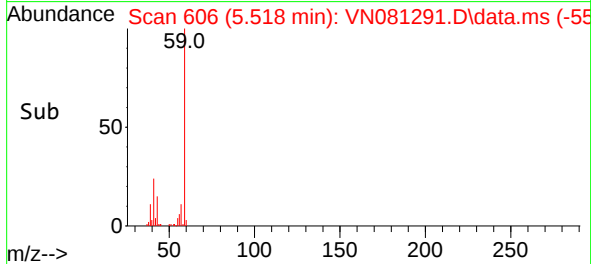
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 15467
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

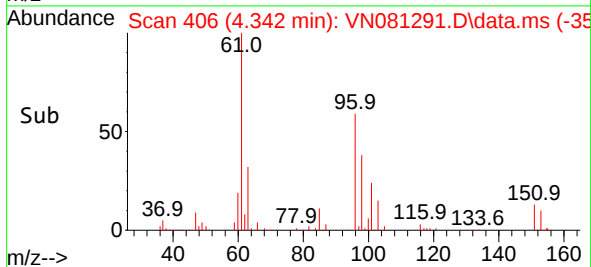
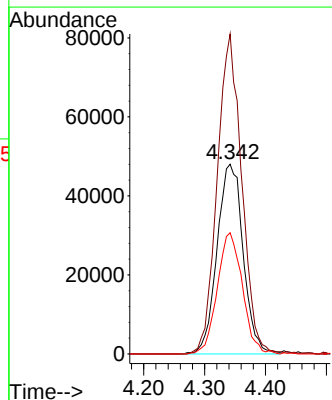
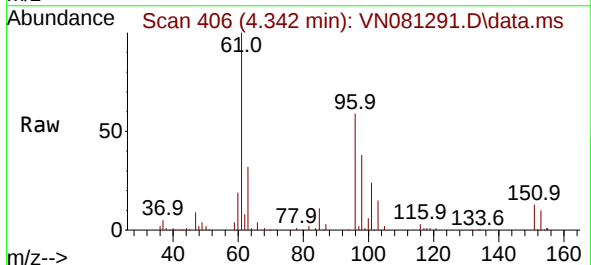
Manual Integrations
APPROVED

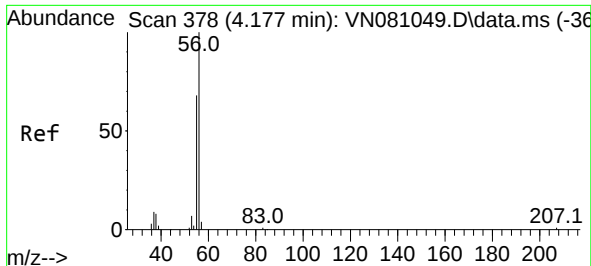
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#12
1,1-Dichloroethene
Concen: 54.888 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

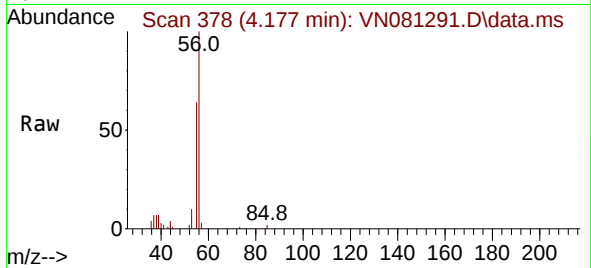
Tgt Ion: 96 Resp: 143190
Ion Ratio Lower Upper
96 100
61 168.7 138.2 207.4
98 63.9 49.2 73.8





#13
Acrolein
Concen: 206.093 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

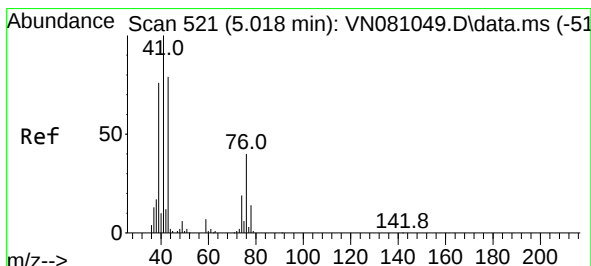
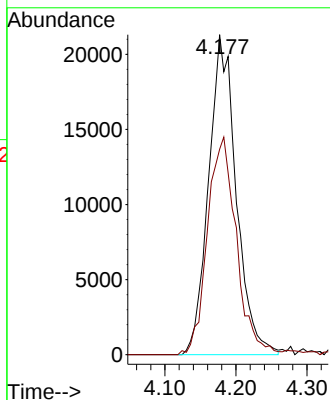
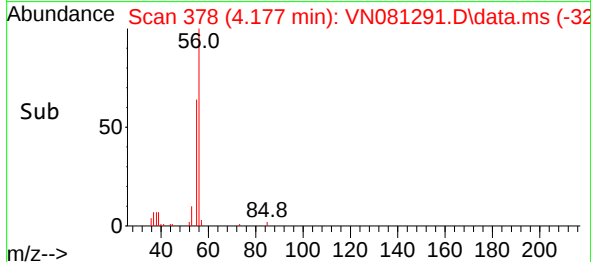
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 57440
Ion Ratio Lower Upper
56 100
55 71.2 55.3 82.9

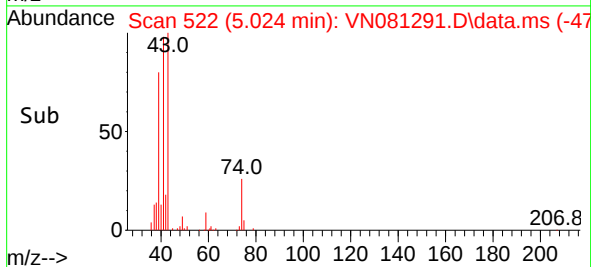
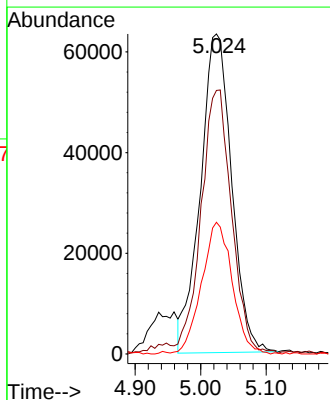
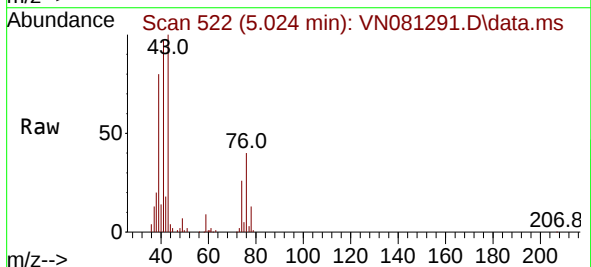
Manual Integrations
APPROVED

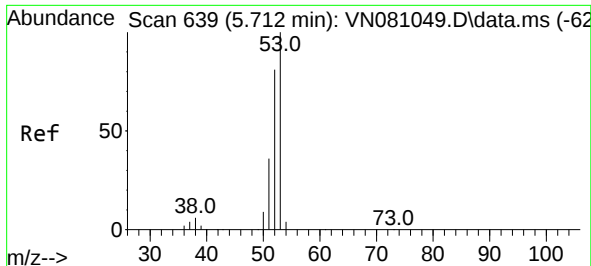
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#14
Allyl chloride
Concen: 54.318 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

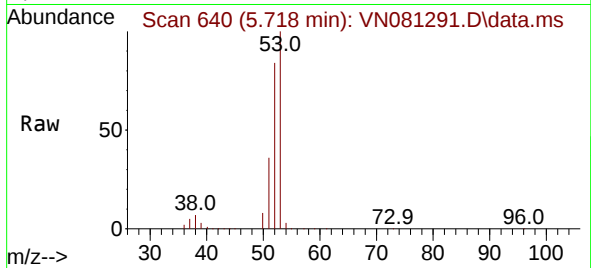
Tgt Ion: 41 Resp: 210253
Ion Ratio Lower Upper
41 100
39 80.3 57.7 86.5
76 40.3 26.8 40.2#





#15
Acrylonitrile
Concen: 326.305 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

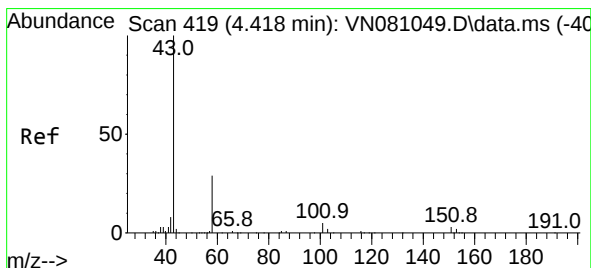
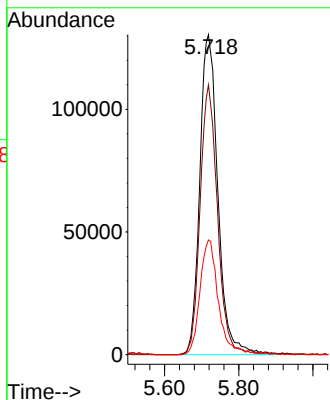
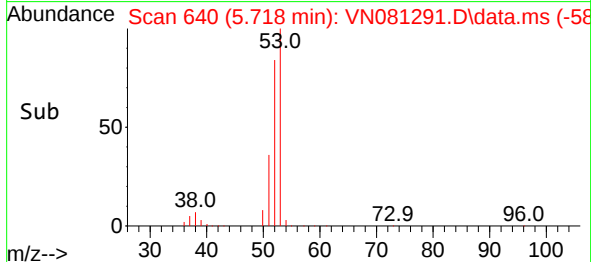
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



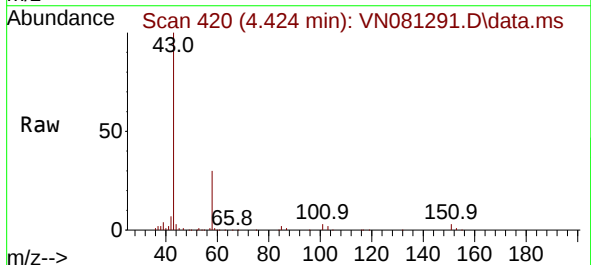
Tgt Ion: 53 Resp: 443145
Ion Ratio Lower Upper
53 100
52 81.0 64.8 97.2
51 36.3 26.9 40.3

Manual Integrations
APPROVED

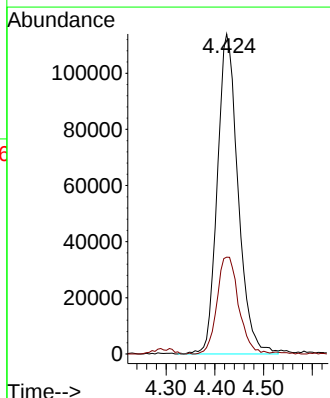
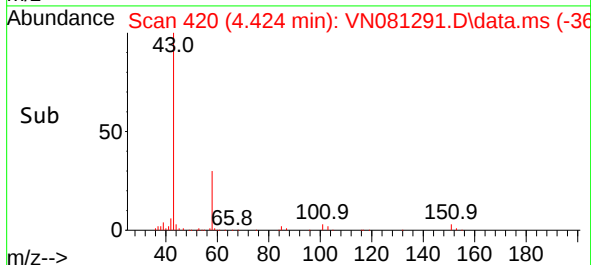
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

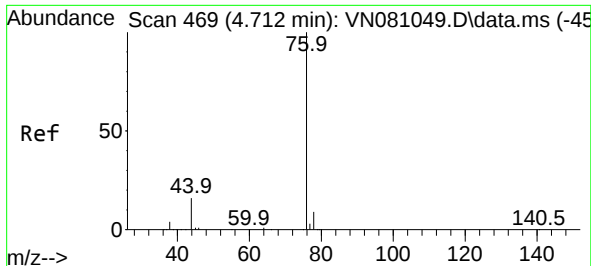


#16
Acetone
Concen: 302.926 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



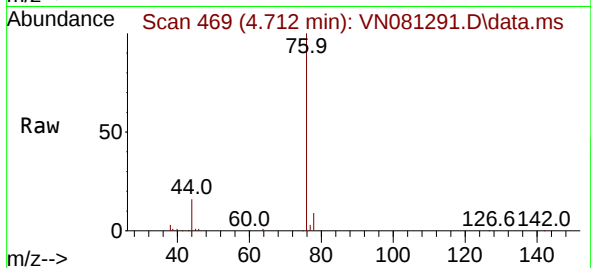
Tgt Ion: 43 Resp: 337031
Ion Ratio Lower Upper
43 100
58 29.7 24.8 37.2





#17
Carbon Disulfide
Concen: 43.920 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

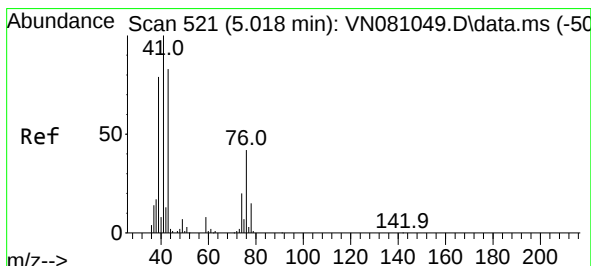
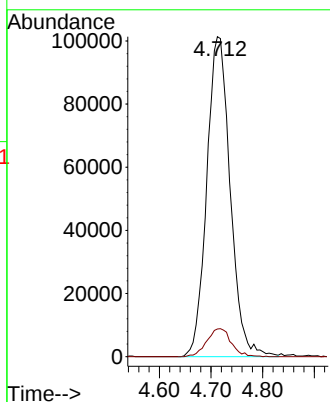
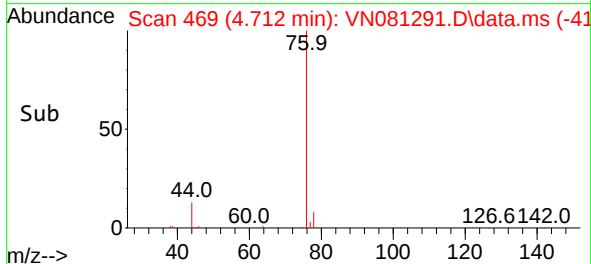
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 319579
Ion Ratio Lower Upper
76 100
78 8.7 6.3 9.5

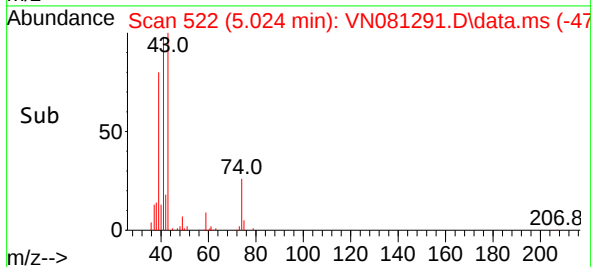
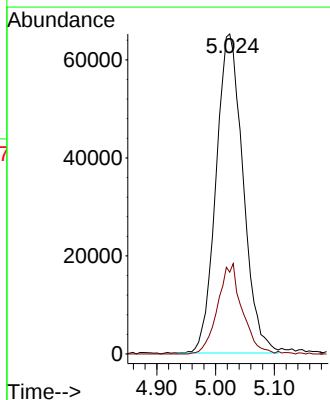
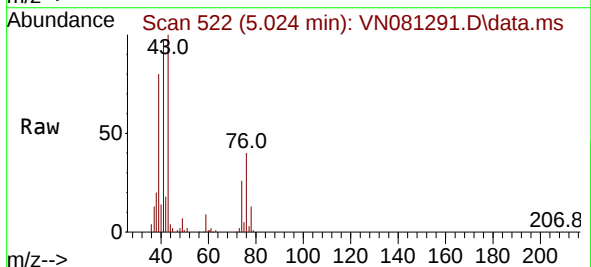
Manual Integrations
APPROVED

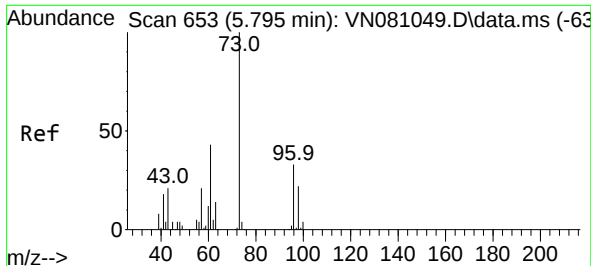
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#18
Methyl Acetate
Concen: 76.694 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

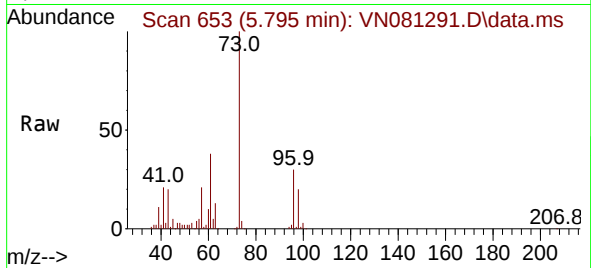
Tgt Ion: 43 Resp: 208154
Ion Ratio Lower Upper
43 100
74 25.5 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 61.449 ug/l
RT: 5.795 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

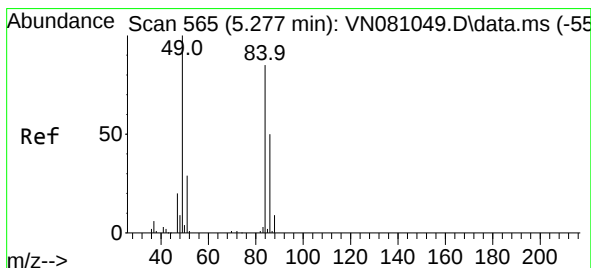
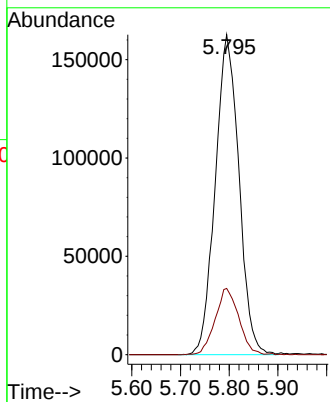
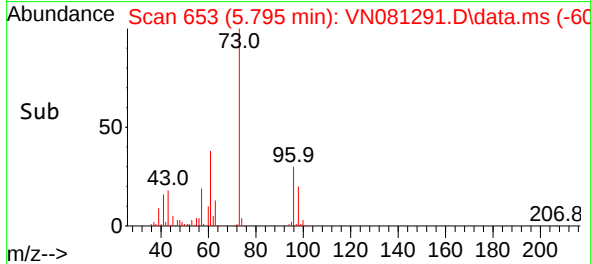
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 54904
Ion Ratio Lower Upper
73 100
57 20.7 18.2 27.4

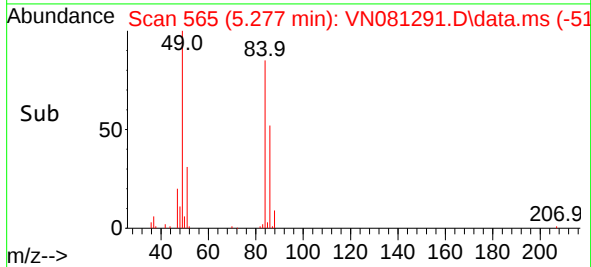
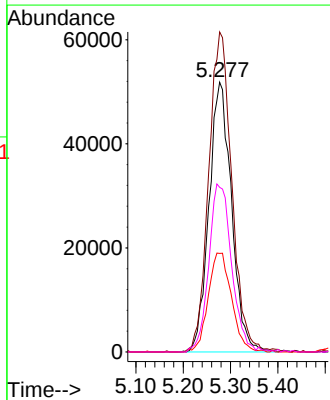
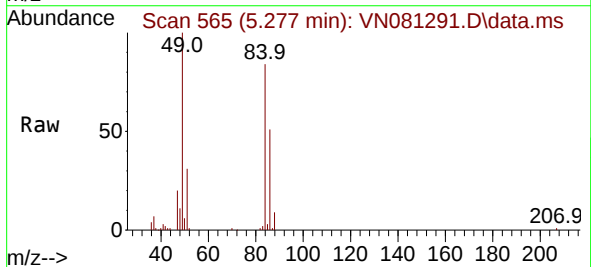
Manual Integrations
APPROVED

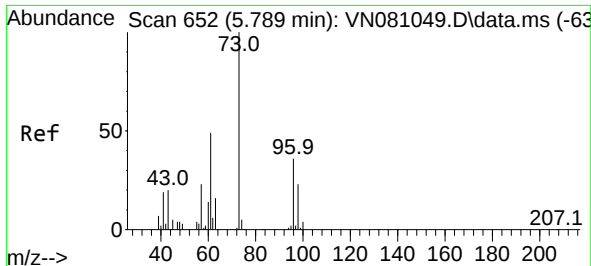
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#20
Methylene Chloride
Concen: 59.814 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

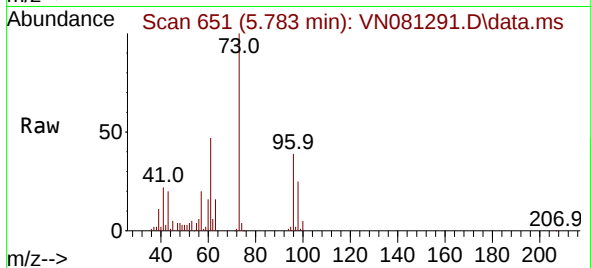
Tgt Ion: 84 Resp: 171634
Ion Ratio Lower Upper
84 100
49 118.6 108.1 162.1
51 36.5 32.9 49.3
86 61.1 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 54.550 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

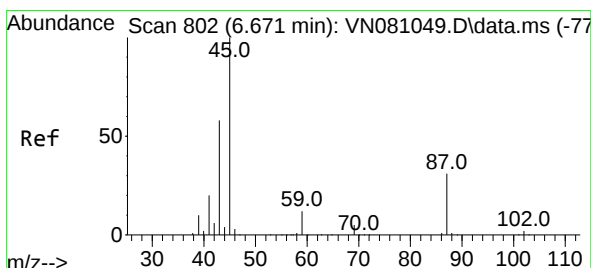
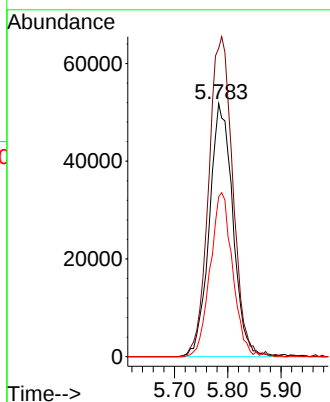
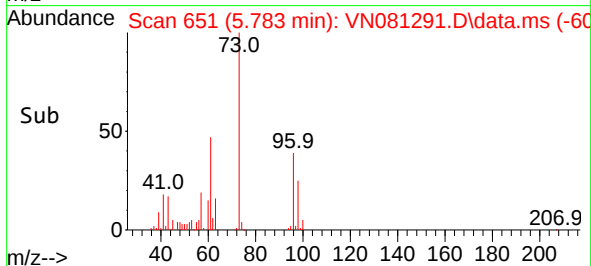
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 158772
Ion Ratio Lower Upper
96 100
61 121.8 112.8 169.2
98 63.1 51.0 76.4

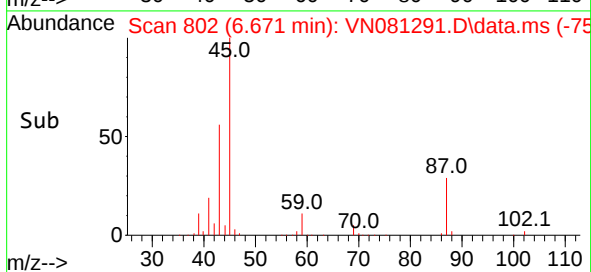
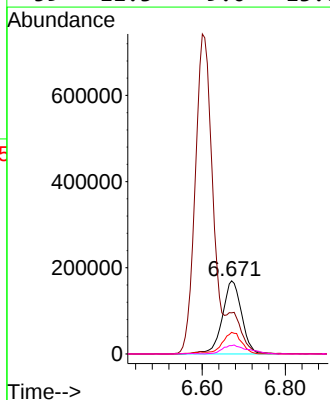
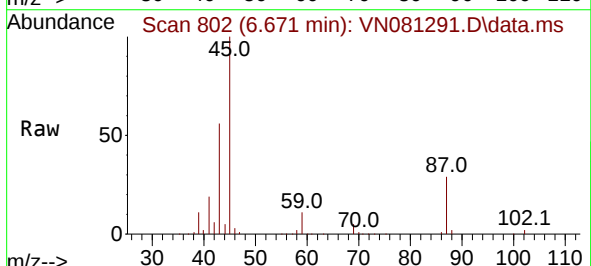
Manual Integrations
APPROVED

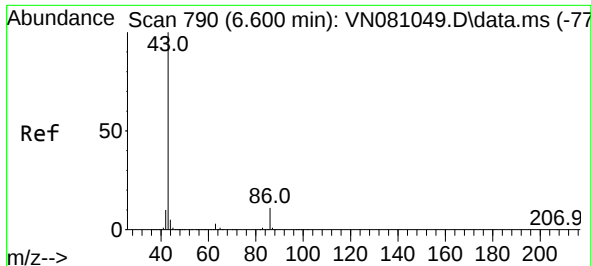
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#22
Diisopropyl ether
Concen: 62.140 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

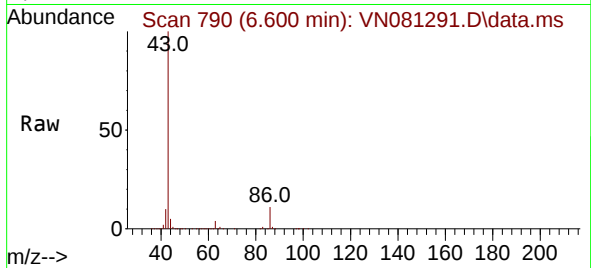
Tgt Ion: 45 Resp: 545628
Ion Ratio Lower Upper
45 100
43 55.5 41.8 62.8
87 29.4 18.1 27.1#
59 11.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 301.169 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081291.D
 Acq: 01 Mar 2024 17:31

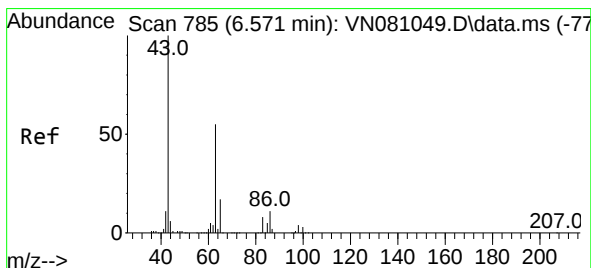
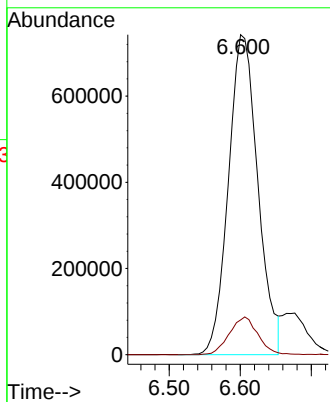
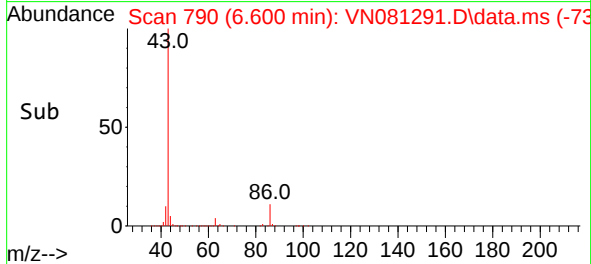
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



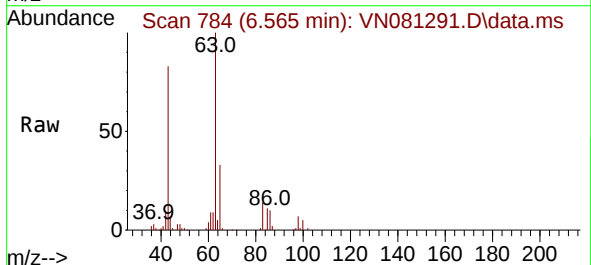
Tgt Ion: 43 Resp: 214554
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

Manual Integrations
 APPROVED

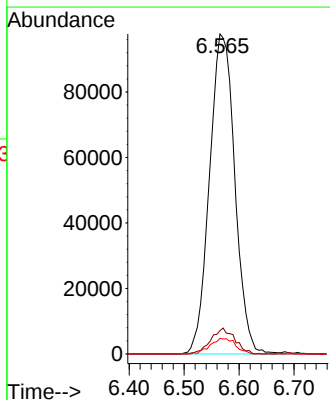
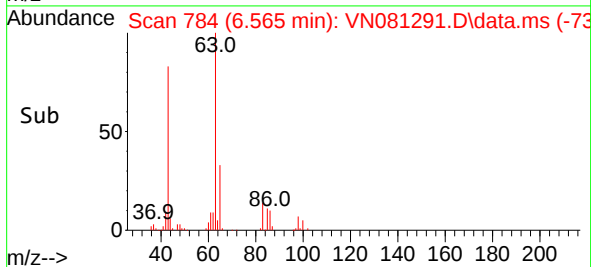
Reviewed By :John Carlone 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024

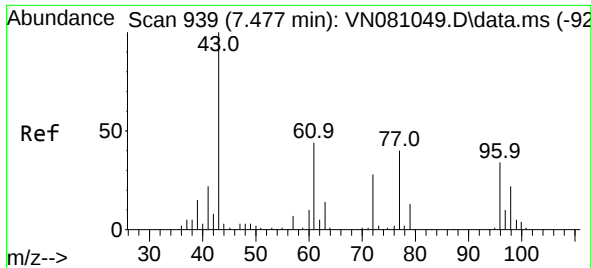


#24
 1,1-Dichloroethane
 Concen: 61.616 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081291.D
 Acq: 01 Mar 2024 17:31



Tgt Ion: 63 Resp: 312829
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.6
 100 4.9 1.9 5.7





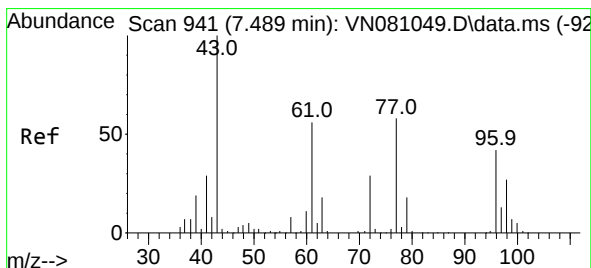
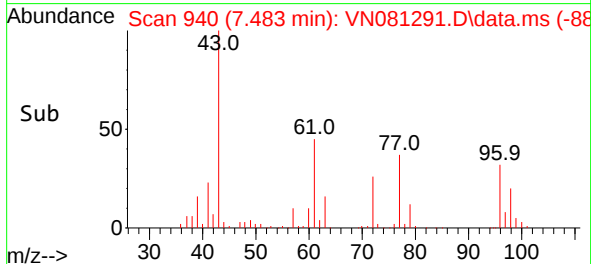
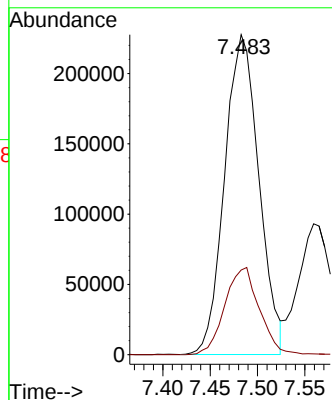
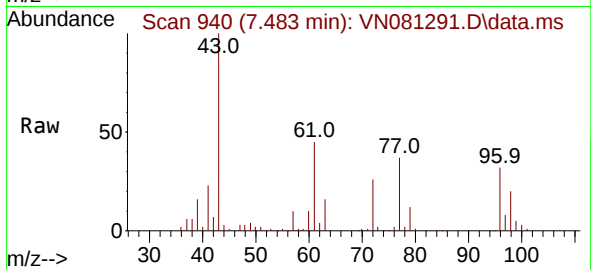
#25
2-Butanone
Concen: 318.442 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 57237
Ion Ratio Lower Upper
43 100
72 26.5 19.5 29.3

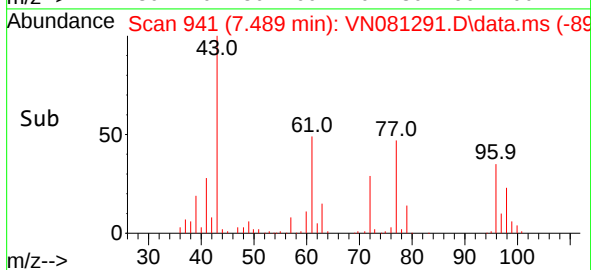
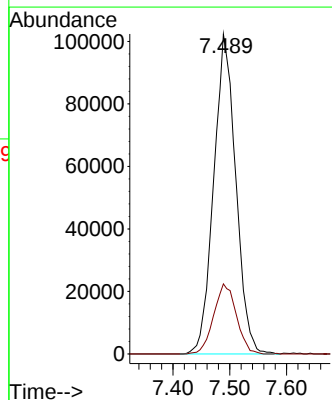
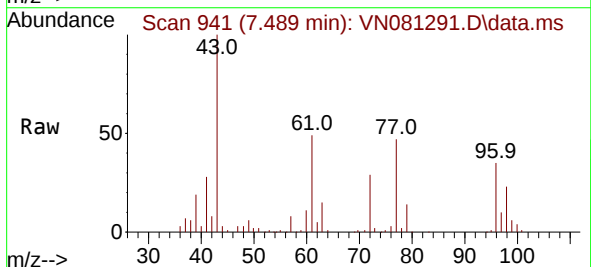
Manual Integrations
APPROVED

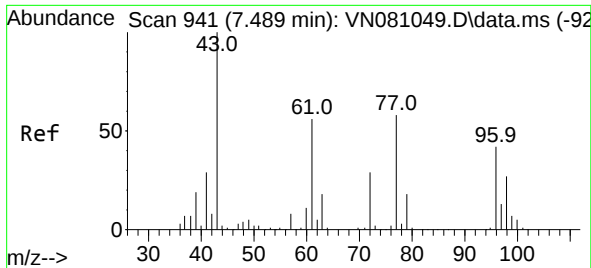
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#26
2,2-Dichloropropane
Concen: 58.043 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

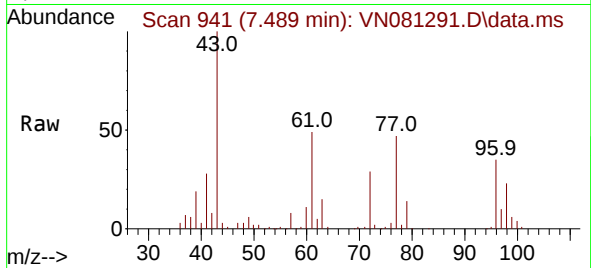
Tgt Ion: 77 Resp: 276119
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 57.475 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

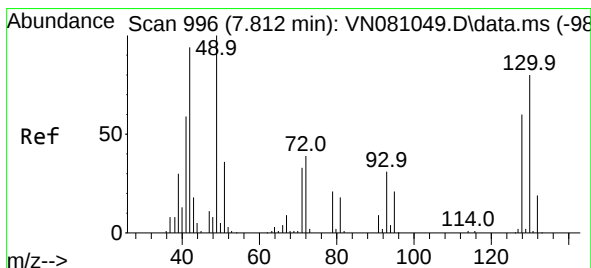
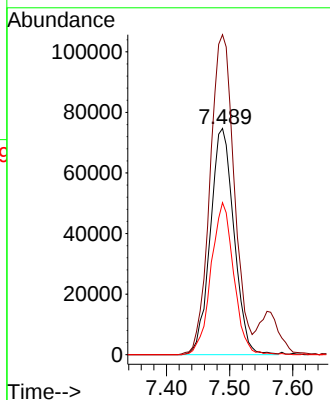
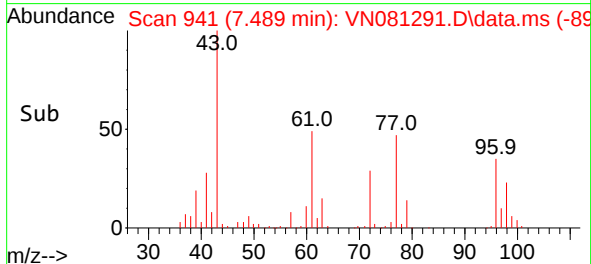
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



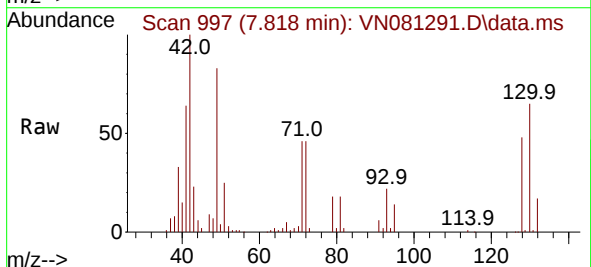
Tgt Ion: 96 Resp: 19436
Ion Ratio Lower Upper
96 100
61 144.8 0.0 325.4
98 64.5 0.0 130.4

Manual Integrations
APPROVED

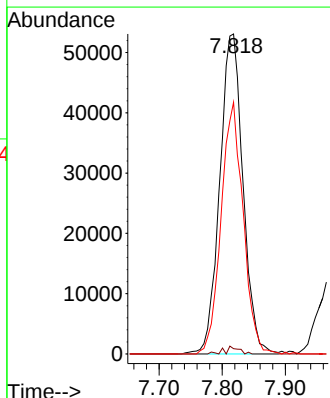
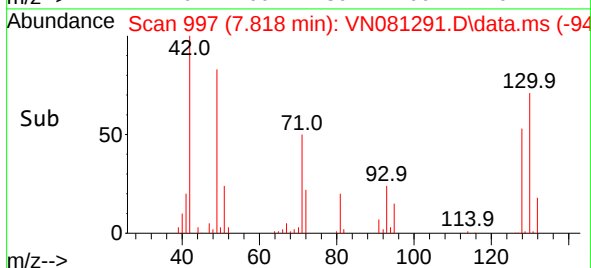
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

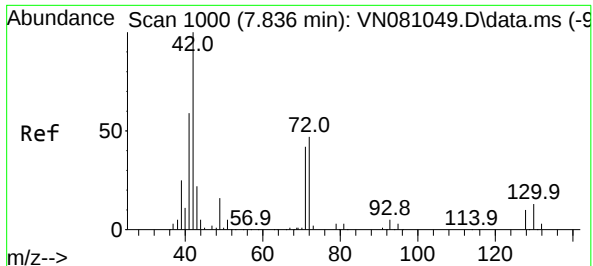


#28
Bromochloromethane
Concen: 64.421 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



Tgt Ion: 49 Resp: 135595
Ion Ratio Lower Upper
49 100
129 1.4 0.0 1.6
130 74.7 42.3 63.5#





#29

Tetrahydrofuran

Concen: 320.088 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 384060

Ion Ratio Lower Upper

42 100

72 45.3 31.1 46.7

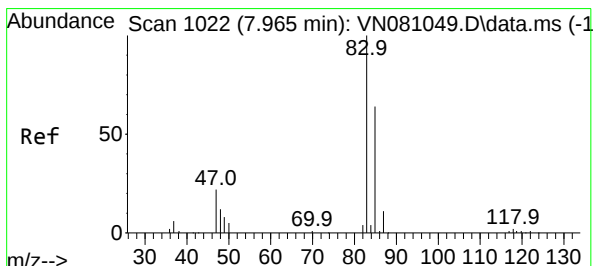
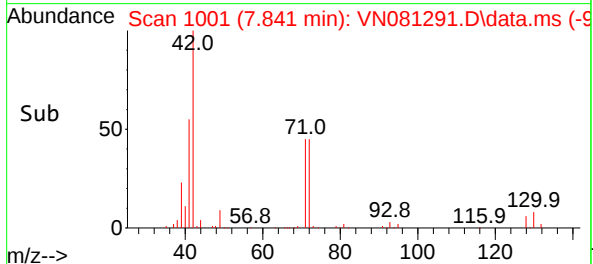
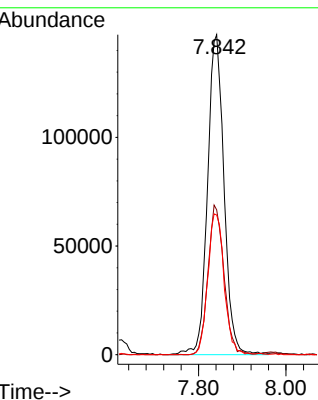
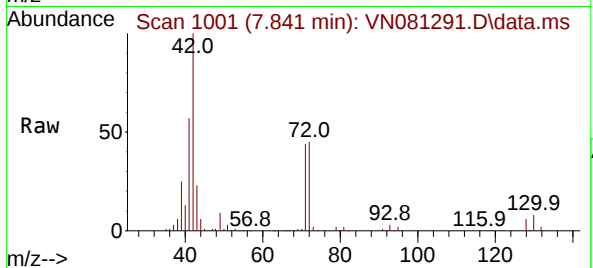
71 43.7 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#30

Chloroform

Concen: 63.542 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081291.D

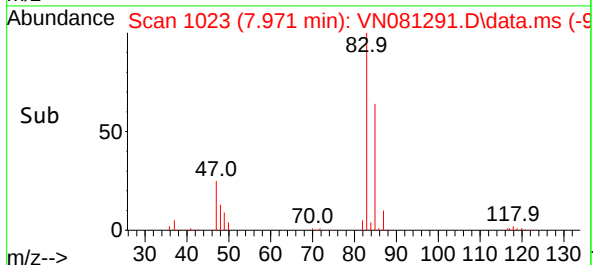
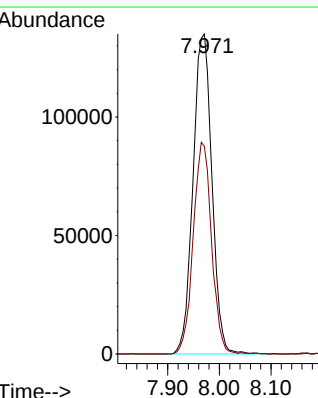
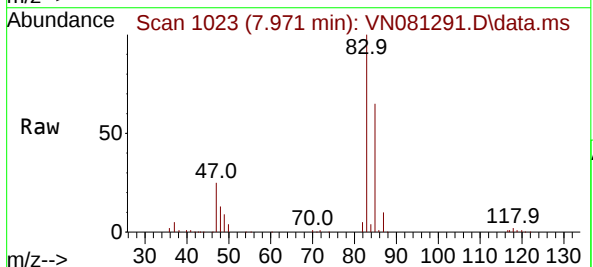
Acq: 01 Mar 2024 17:31

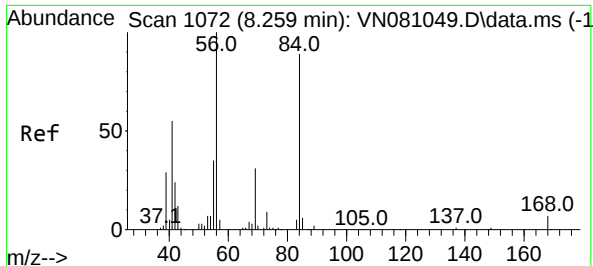
Tgt Ion: 83 Resp: 342956

Ion Ratio Lower Upper

83 100

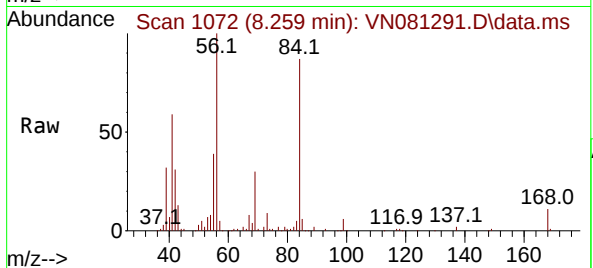
85 64.9 51.0 76.6





#31
Cyclohexane
Concen: 51.905 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

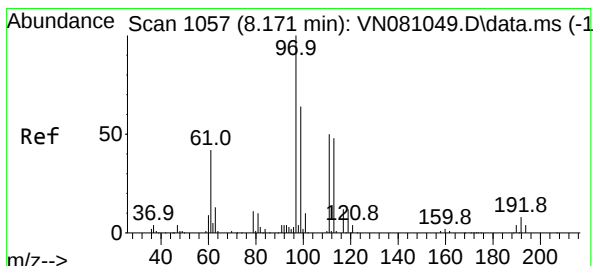
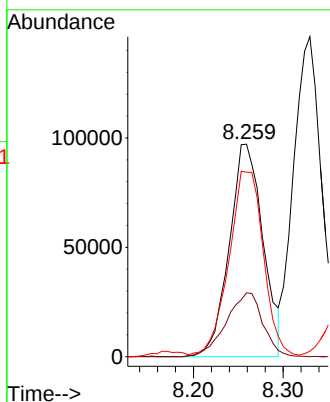
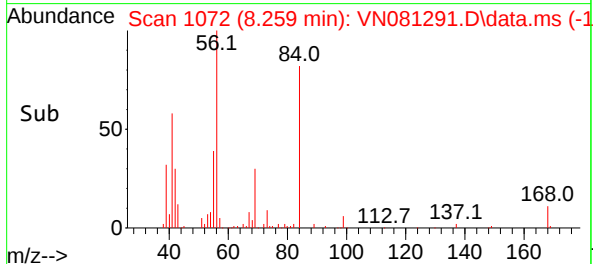
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



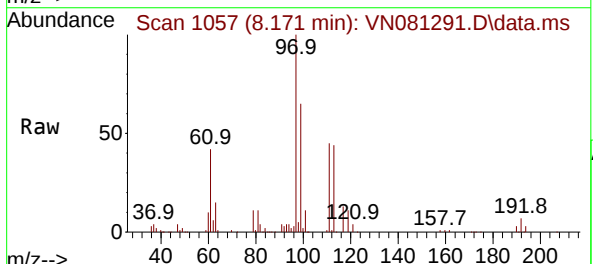
Tgt Ion: 56 Resp: 253415
Ion Ratio Lower Upper
56 100
69 29.4 20.1 30.1
84 84.7 56.9 85.3

Manual Integrations
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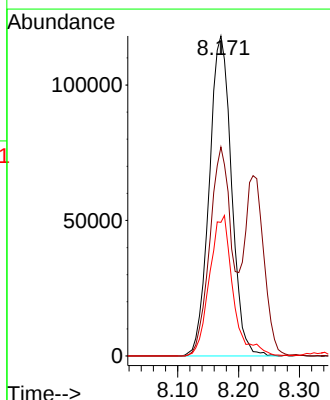
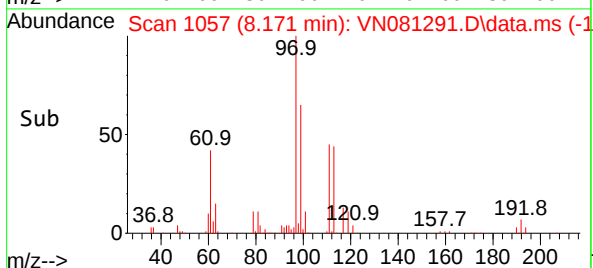
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

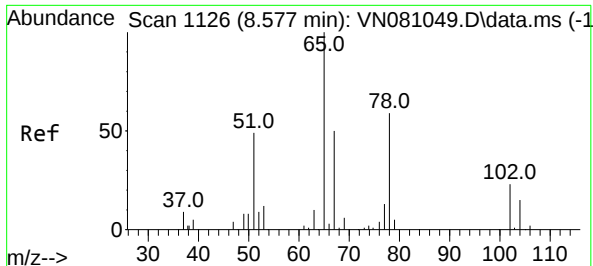


#32
1,1,1-Trichloroethane
Concen: 60.986 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



Tgt Ion: 97 Resp: 299778
Ion Ratio Lower Upper
97 100
99 64.4 53.4 80.0
61 46.5 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 52.070 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 147230

Ion Ratio Lower Upper

65 100

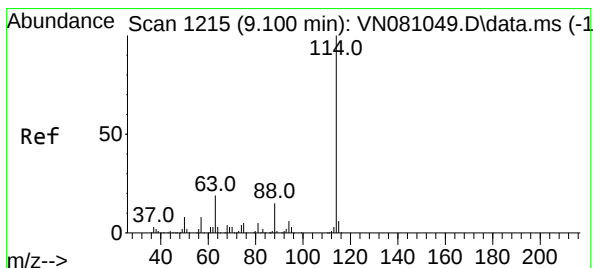
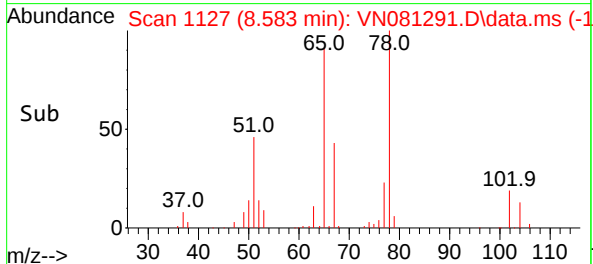
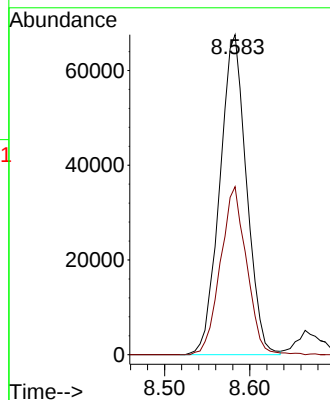
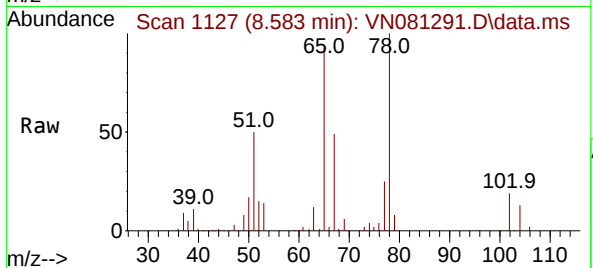
67 51.3 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

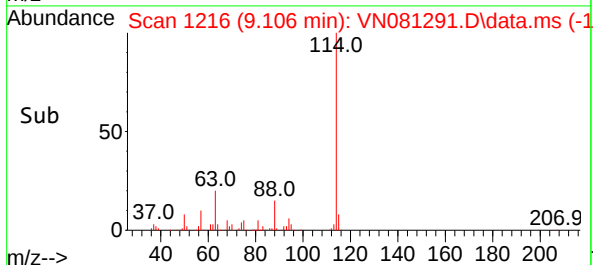
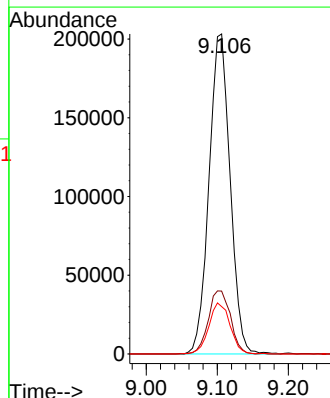
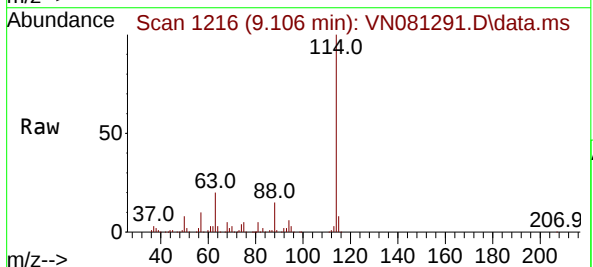
Tgt Ion:114 Resp: 419099

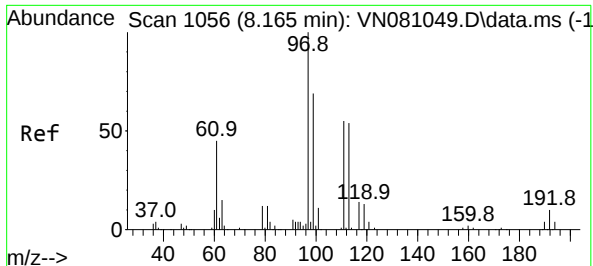
Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

88 14.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 53.600 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 127020

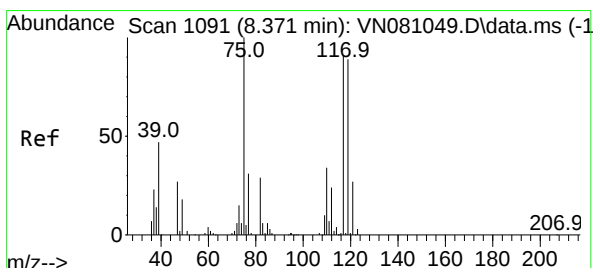
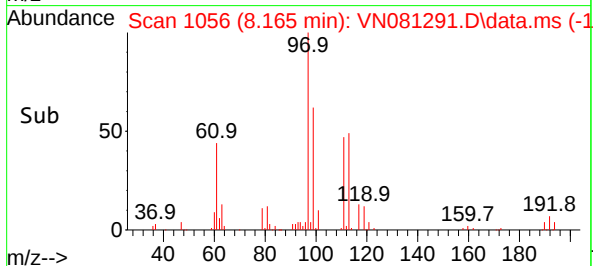
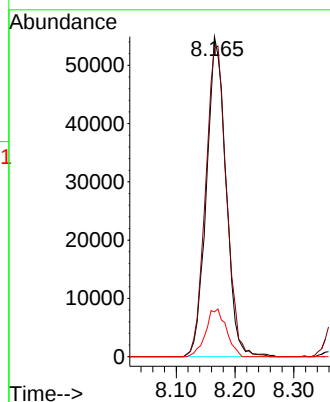
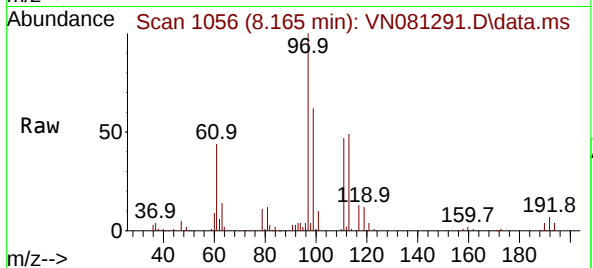
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	15.7	12.5	18.7

Manual Integrations

APPROVED

Reviewed By : John Carlone 03/04/2024

Supervised By : Mahesh Dadoda 03/04/2024



#36

1,1-Dichloropropene

Concen: 57.154 ug/l

RT: 8.371 min Scan# 1091

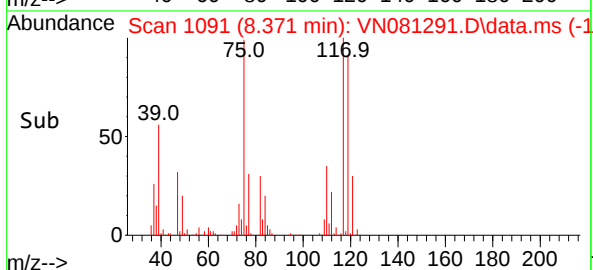
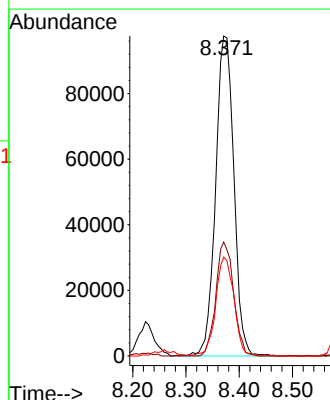
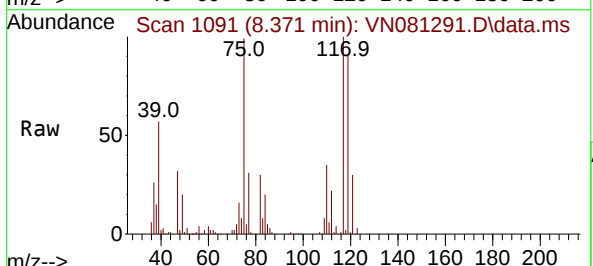
Delta R.T. 0.000 min

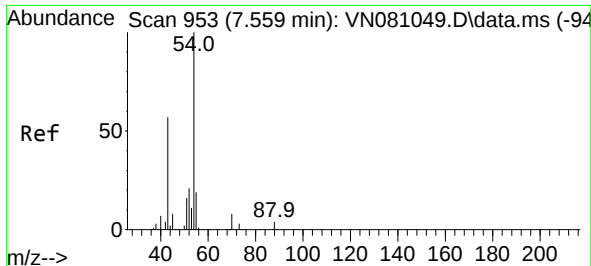
Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Tgt Ion: 75 Resp: 232051

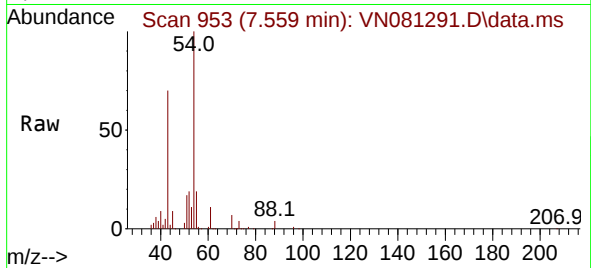
Ion	Ratio	Lower	Upper
75	100		
110	34.7	16.0	48.0
77	30.8	25.8	38.6





#37
Ethyl Acetate
Concen: 65.620 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

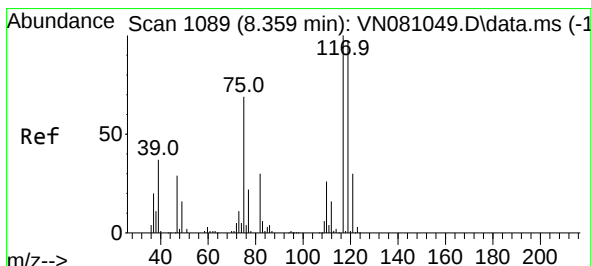
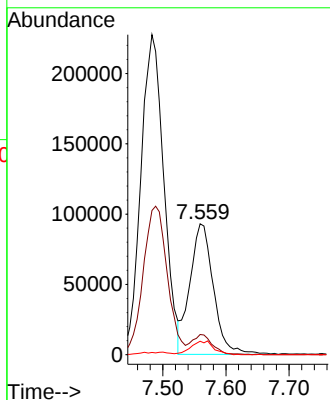
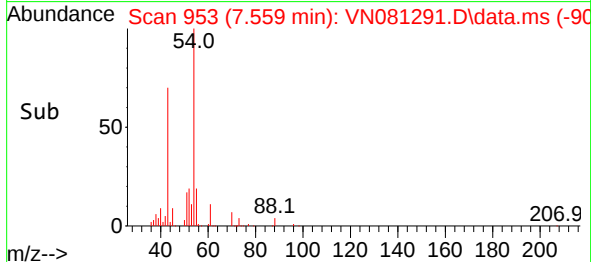
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 240452
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 10.1 8.0 12.0

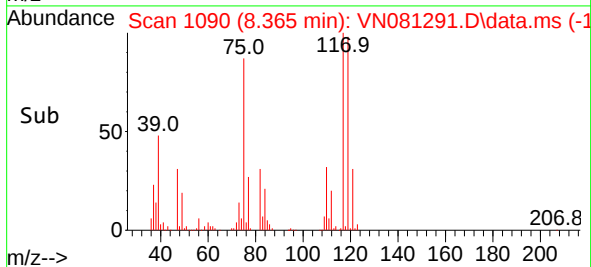
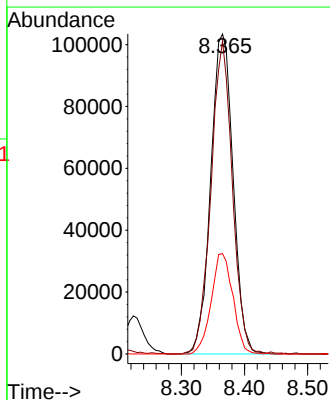
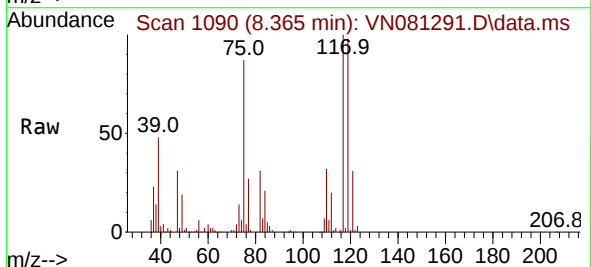
Manual Integrations
APPROVED

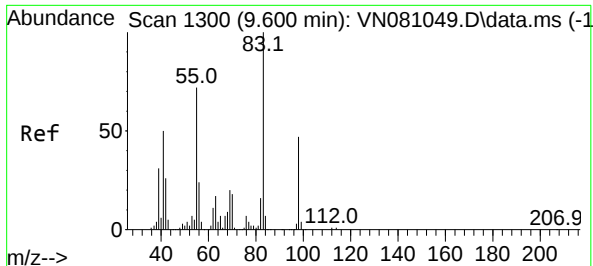
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#38
Carbon Tetrachloride
Concen: 62.051 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

Tgt Ion:117 Resp: 254887
Ion Ratio Lower Upper
117 100
119 97.7 73.4 110.2
121 31.3 24.4 36.6





#39

Methylcyclohexane

Concen: 53.881 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 255010

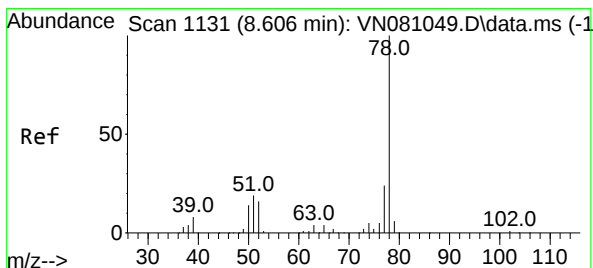
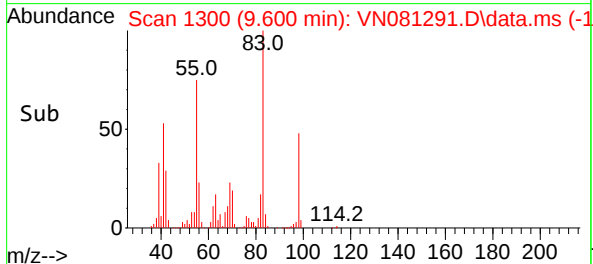
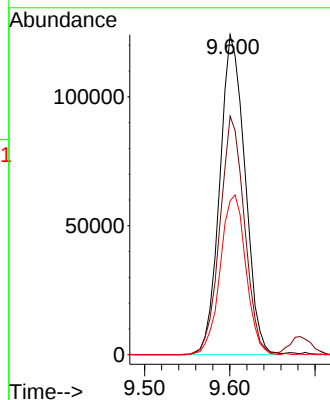
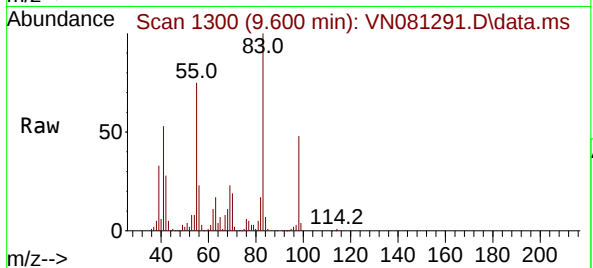
Ion	Ratio	Lower	Upper
83	100		
55	74.5	65.7	98.5
98	48.1	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#40

Benzene

Concen: 60.110 ug/l

RT: 8.606 min Scan# 1131

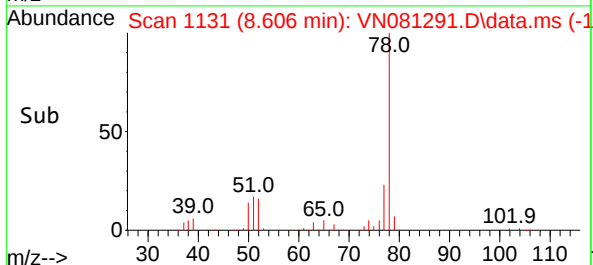
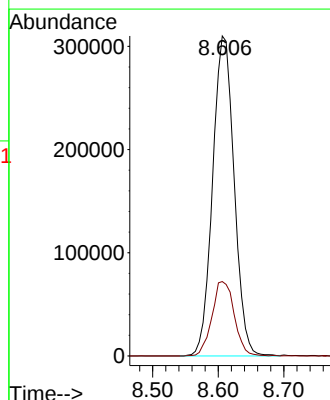
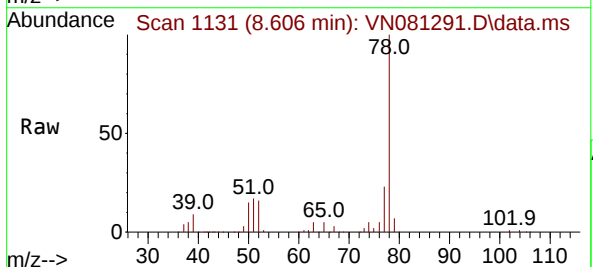
Delta R.T. 0.000 min

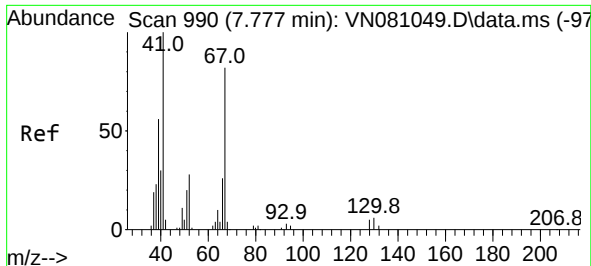
Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Tgt Ion: 78 Resp: 706410

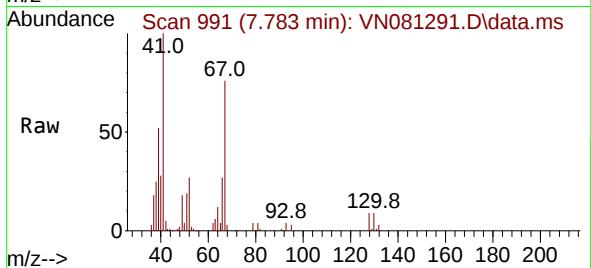
Ion	Ratio	Lower	Upper
78	100		
77	23.3	20.4	30.6





#41
Methacrylonitrile
Concen: 61.936 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

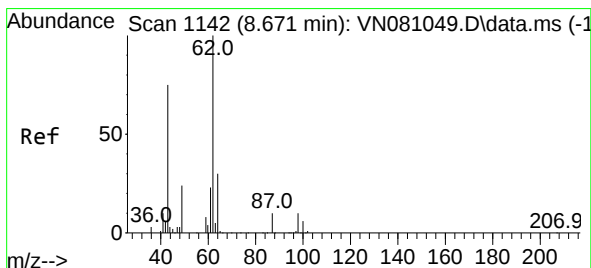
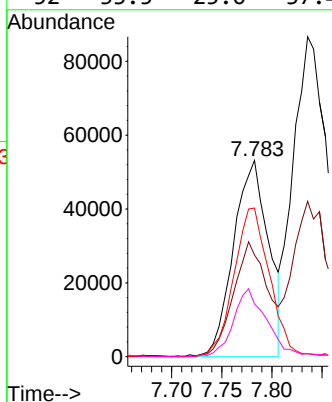
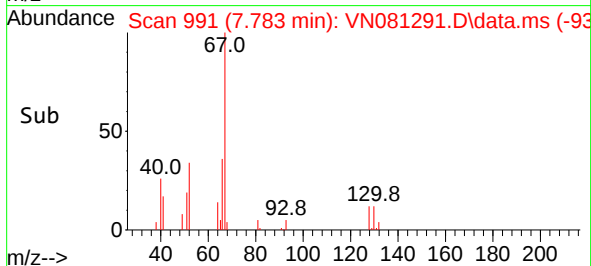
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 129162
Ion Ratio Lower Upper
41 100
39 57.5 48.4 72.6
67 77.4 56.8 85.2
52 33.5 25.0 37.4

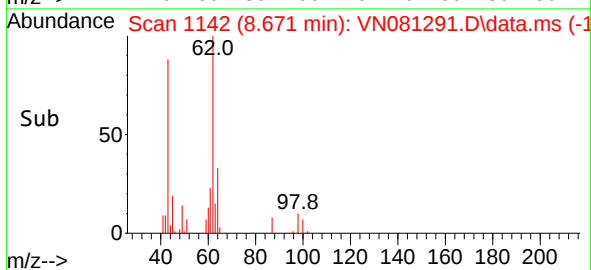
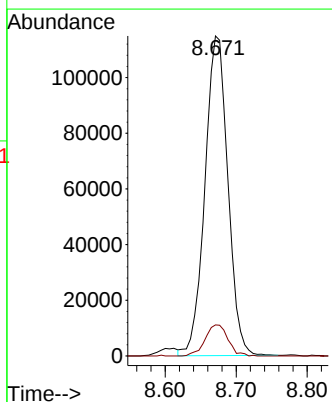
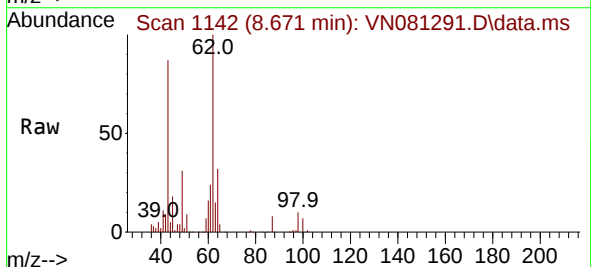
Manual Integrations
APPROVED

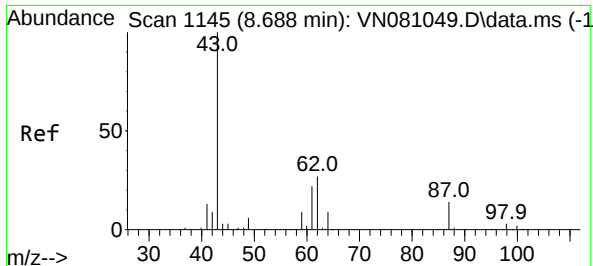
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#42
1,2-Dichloroethane
Concen: 62.821 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

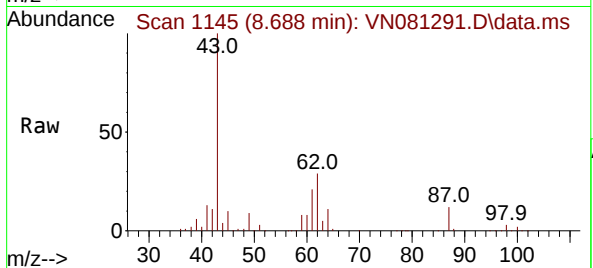
Tgt Ion: 62 Resp: 257570
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.0





#43
Isopropyl Acetate
Concen: 91.190 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

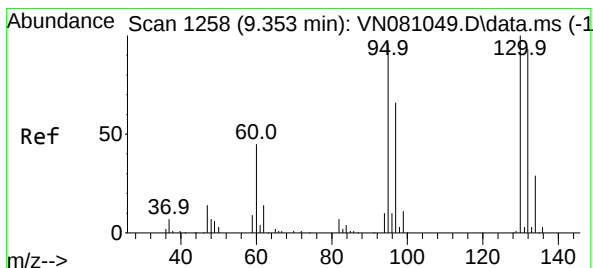
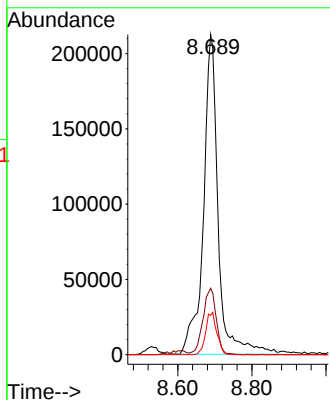
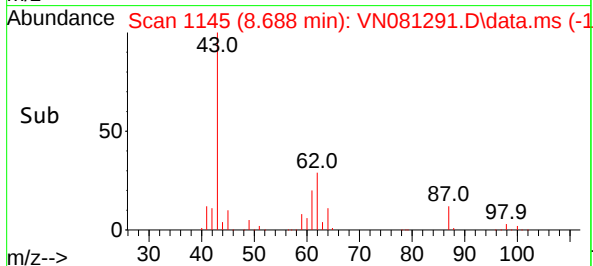
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



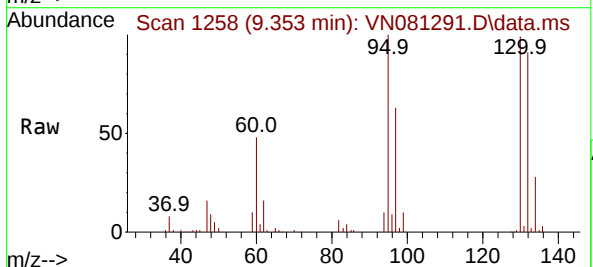
Tgt Ion: 43 Resp: 584402
Ion Ratio Lower Upper
43 100
61 18.8 19.9 29.9
87 10.0 9.0 13.6

Manual Integrations
APPROVED

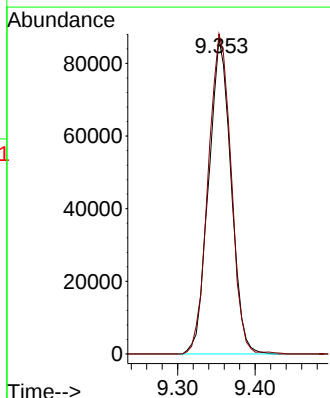
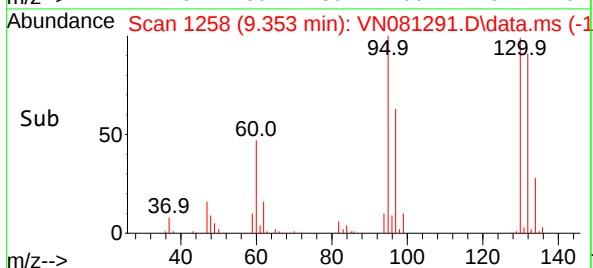
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

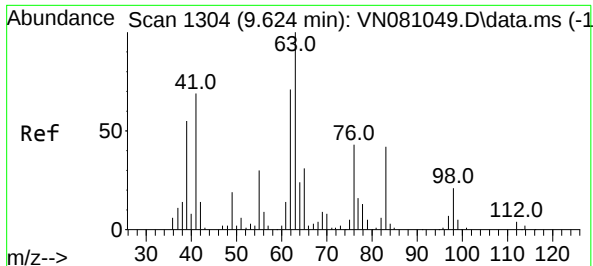


#44
Trichloroethene
Concen: 55.631 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



Tgt Ion:130 Resp: 174127
Ion Ratio Lower Upper
130 100
95 101.4 0.0 210.4





#45

1,2-Dichloropropane

Concen: 63.061 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 185379

Ion Ratio Lower Upper

63 100

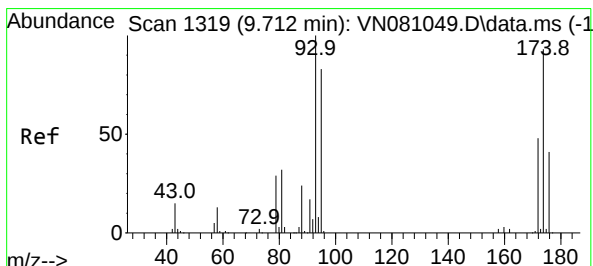
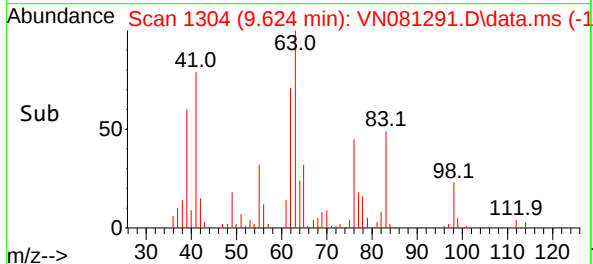
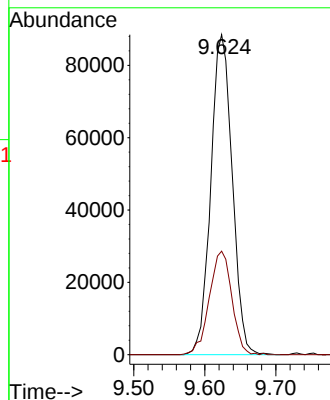
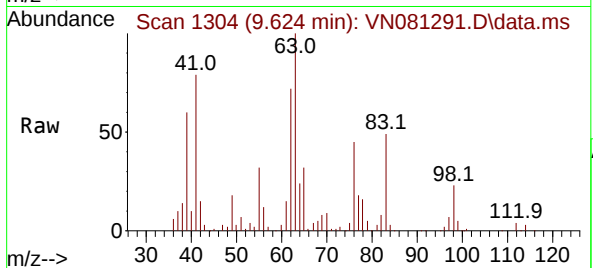
65 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#46

Dibromomethane

Concen: 61.737 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

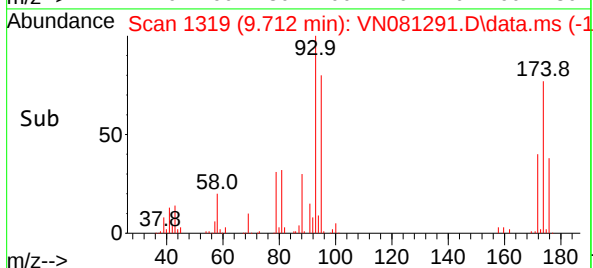
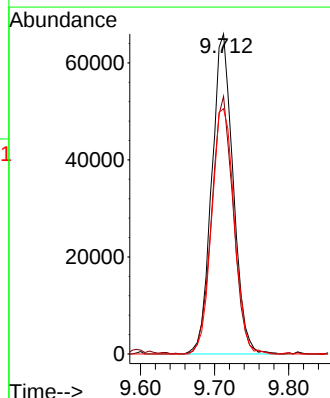
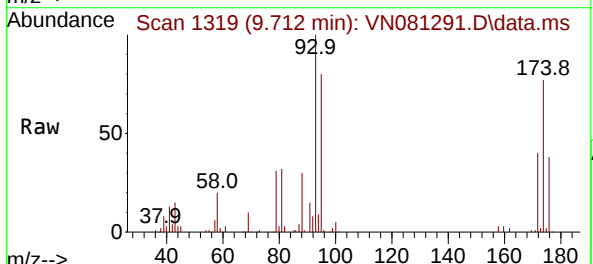
Tgt Ion: 93 Resp: 132233

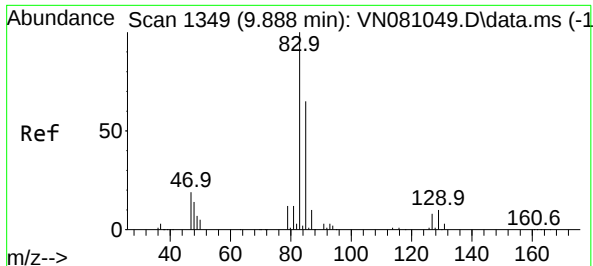
Ion Ratio Lower Upper

93 100

95 81.3 68.1 102.1

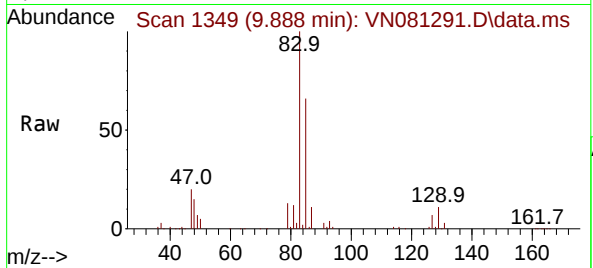
174 80.9 57.2 85.8





#47
Bromodichloromethane
Concen: 66.327 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

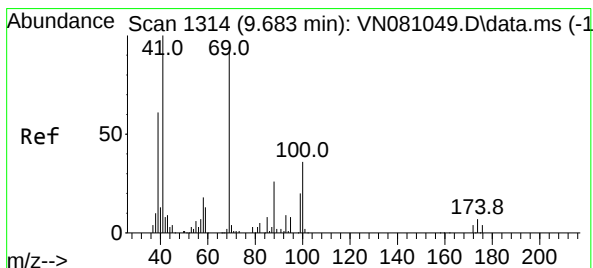
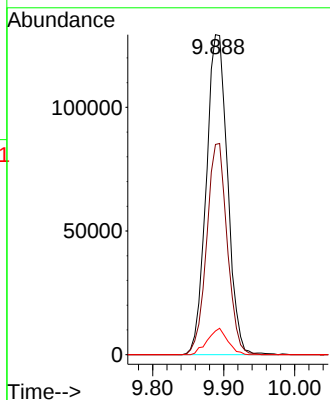
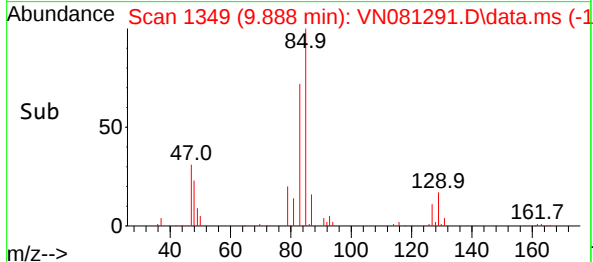
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 269063
Ion Ratio Lower Upper
83 100
85 65.7 52.3 78.5
127 7.4 4.6 7.0

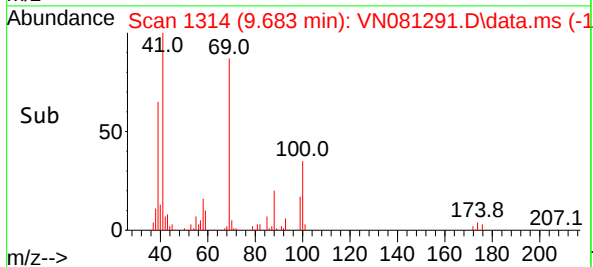
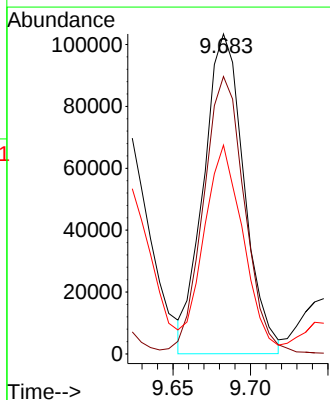
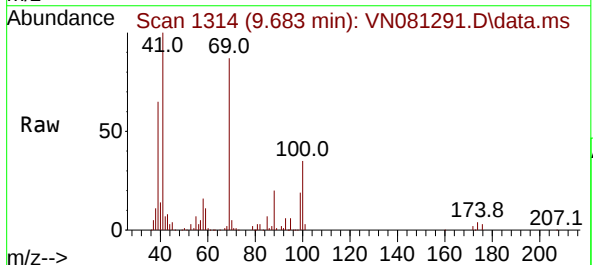
Manual Integrations
APPROVED

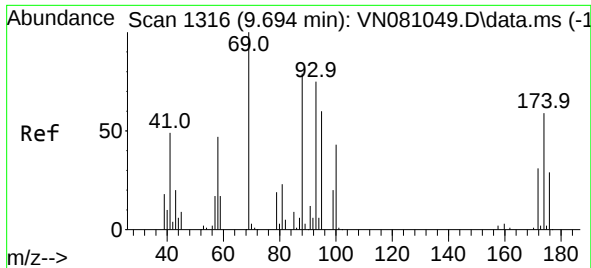
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#48
Methyl methacrylate
Concen: 62.913 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

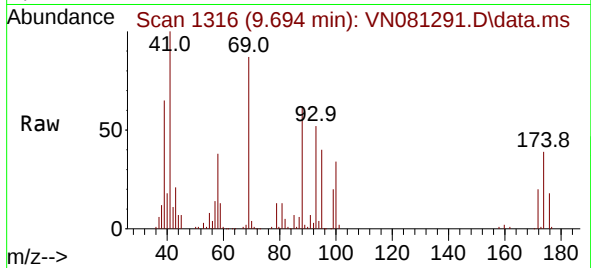
Tgt Ion: 41 Resp: 187605
Ion Ratio Lower Upper
41 100
69 88.8 62.2 93.2
39 64.0 47.6 71.4





#49
1,4-Dioxane
Concen: 1429.109 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

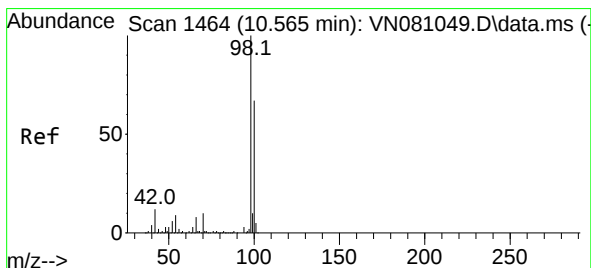
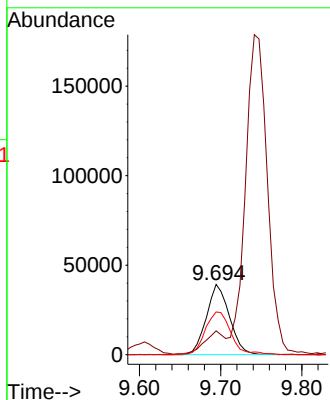
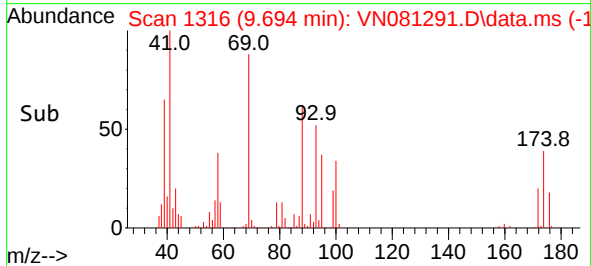
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 7748
Ion Ratio Lower Upper
88 100
43 28.5 30.1 45.1
58 67.9 63.9 95.9

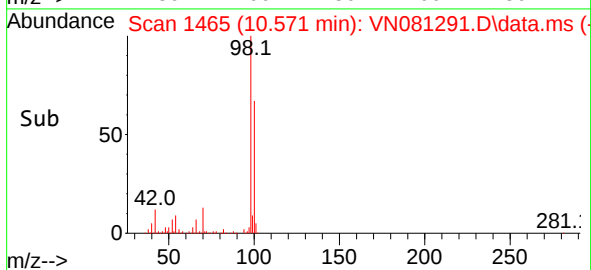
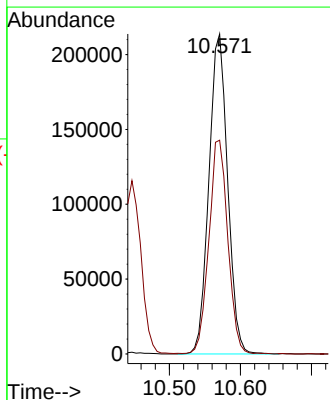
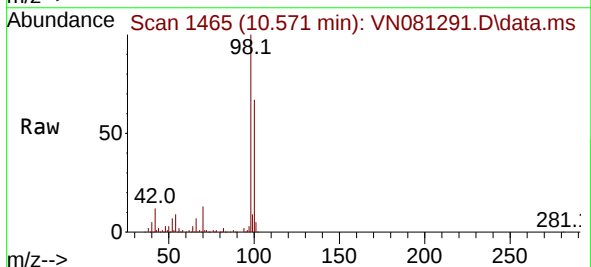
Manual Integrations
APPROVED

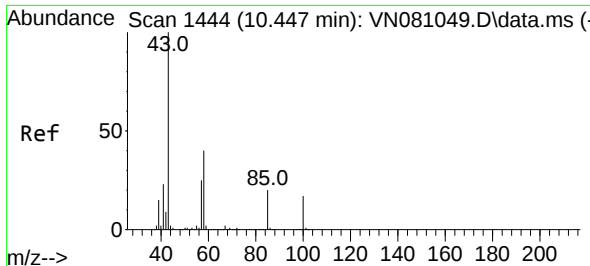
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#50
Toluene-d8
Concen: 46.432 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

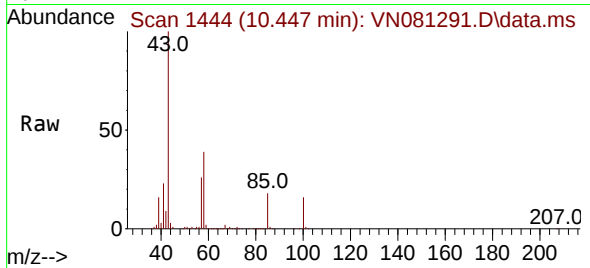
Tgt Ion: 98 Resp: 390829
Ion Ratio Lower Upper
98 100
100 67.6 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 341.807 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

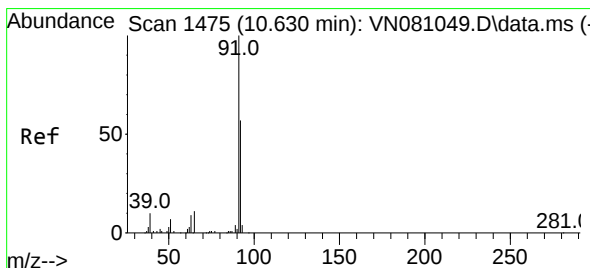
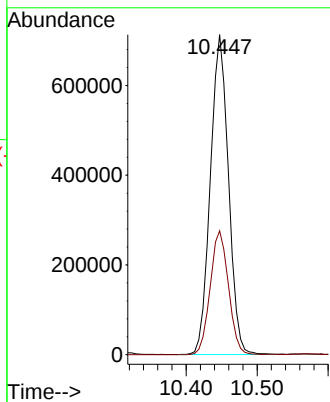
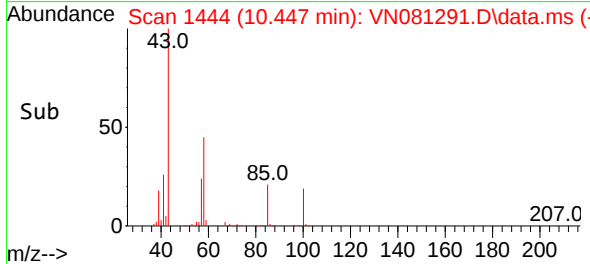
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



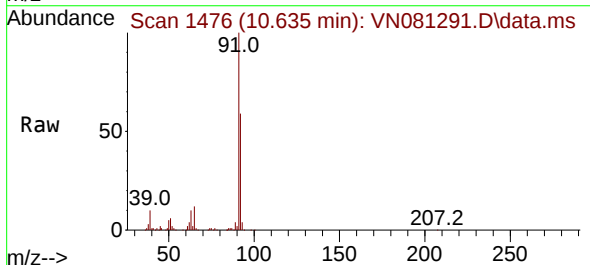
Tgt Ion: 43 Resp: 1260088
Ion Ratio Lower Upper
43 100
58 39.1 29.4 44.0

Manual Integrations
APPROVED

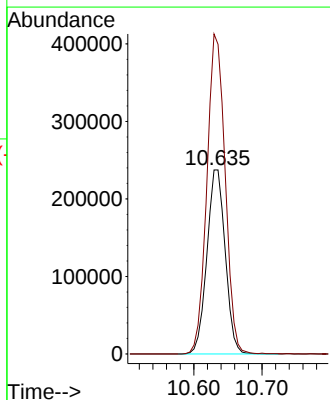
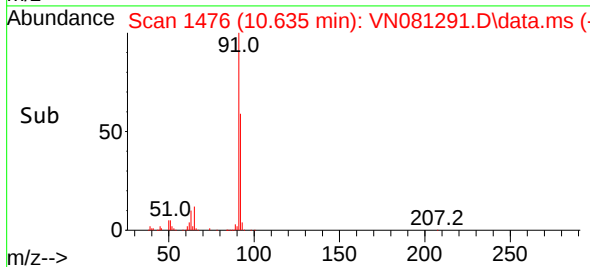
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

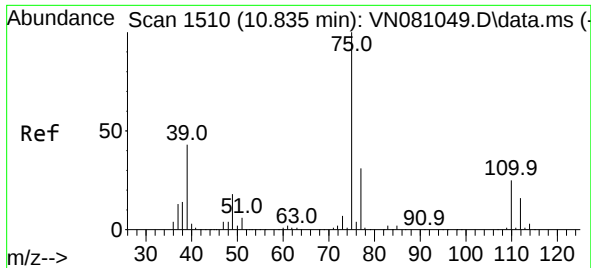


#52
Toluene
Concen: 59.662 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



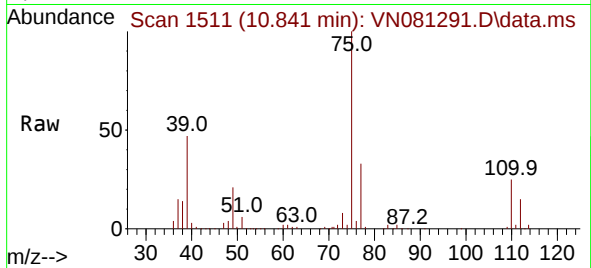
Tgt Ion: 92 Resp: 443876
Ion Ratio Lower Upper
92 100
91 173.2 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 61.957 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

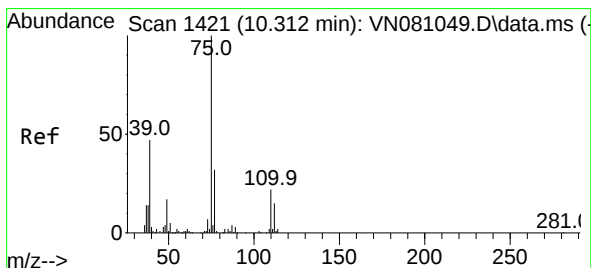
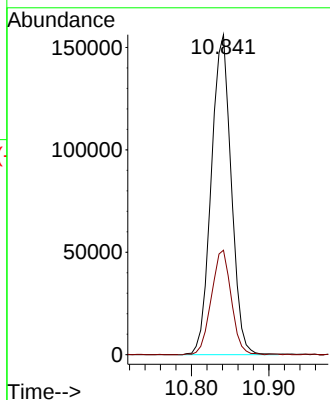
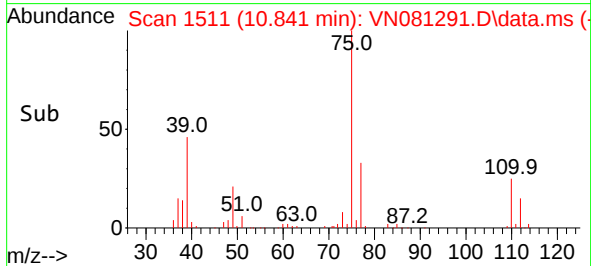
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



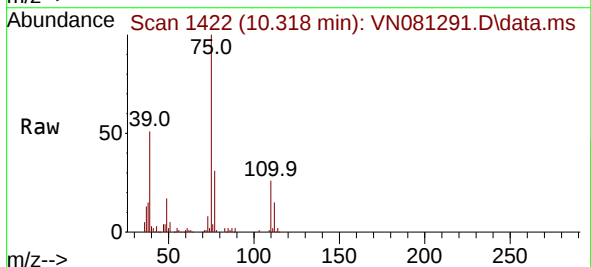
Tgt Ion: 75 Resp: 279299
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3

Manual Integrations
APPROVED

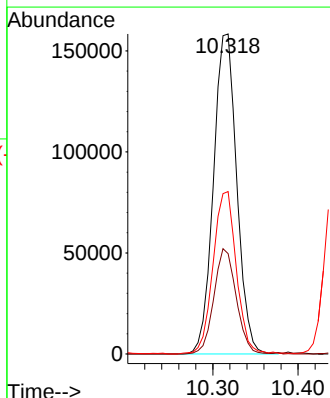
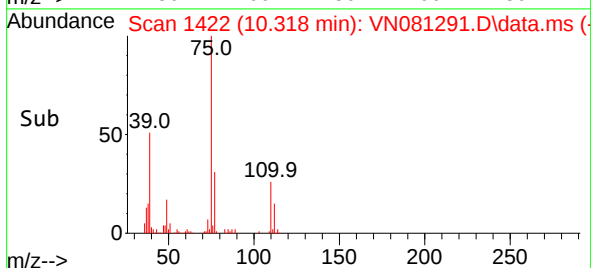
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

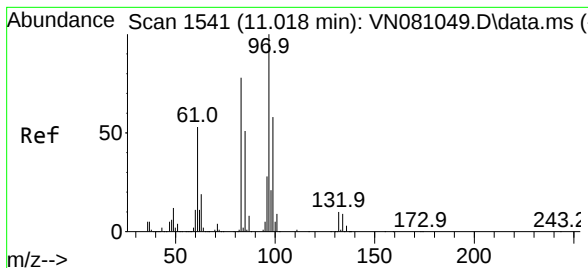


#54
cis-1,3-Dichloropropene
Concen: 61.889 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



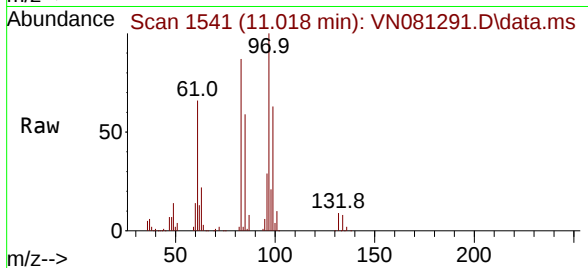
Tgt Ion: 75 Resp: 301430
Ion Ratio Lower Upper
75 100
77 31.4 23.3 34.9
39 50.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 65.064 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

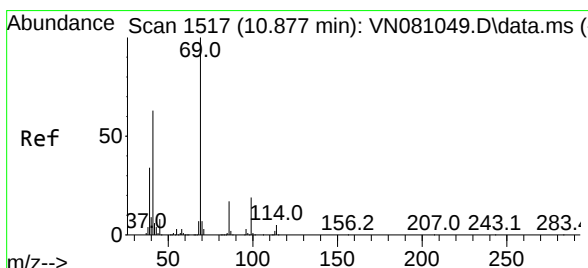
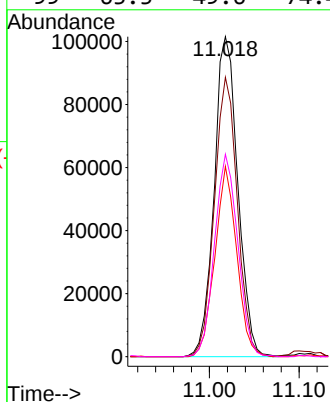
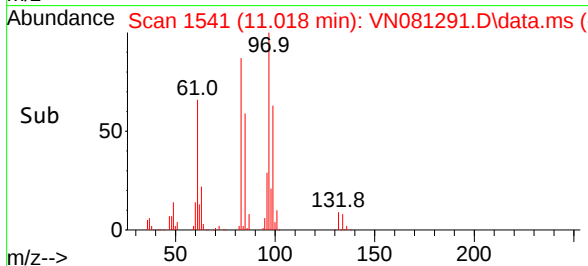
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 18618
Ion Ratio Lower Upper
97 100
83 87.3 72.9 109.3
85 59.5 50.2 75.2
99 63.3 49.6 74.4

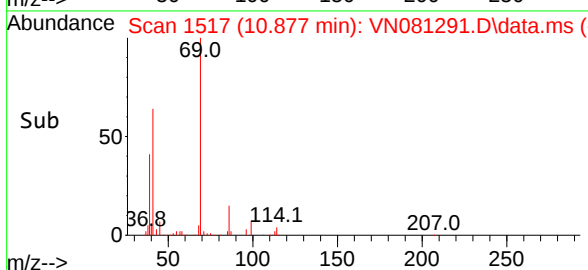
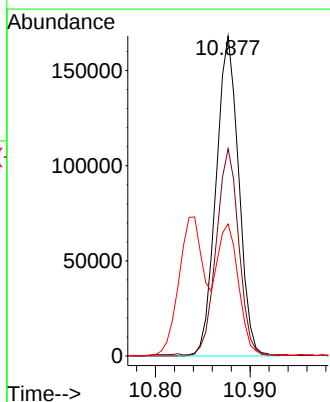
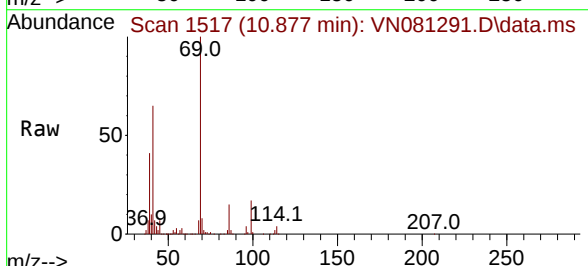
Manual Integrations
APPROVED

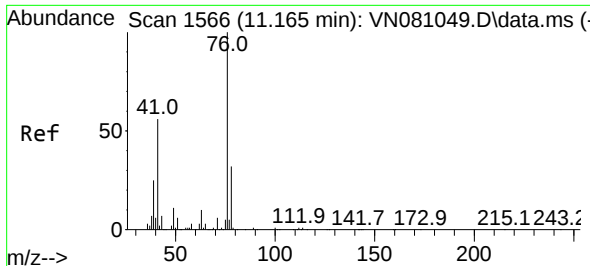
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#56
Ethyl methacrylate
Concen: 63.694 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

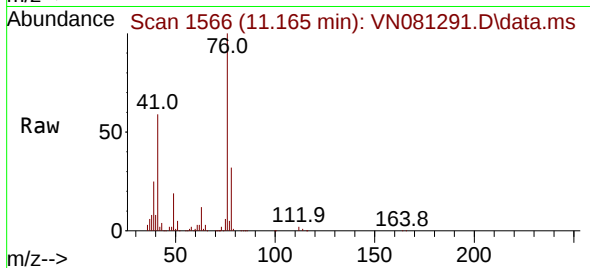
Tgt Ion: 69 Resp: 278551
Ion Ratio Lower Upper
69 100
41 64.1 61.0 91.6
39 38.6 31.8 47.6





#57
1,3-Dichloropropane
Concen: 63.720 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

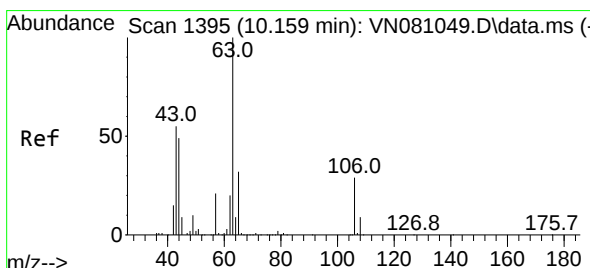
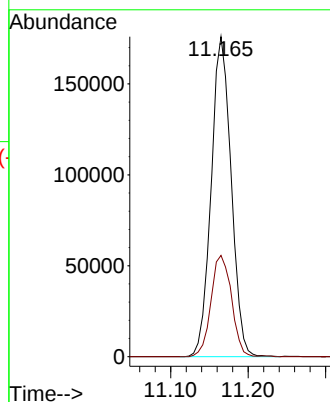
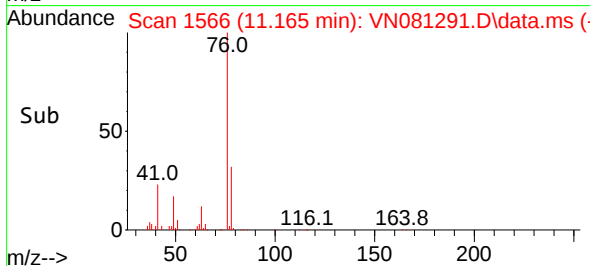
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



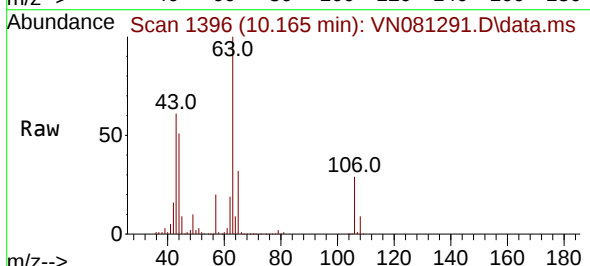
Tgt Ion: 76 Resp: 315272
Ion Ratio Lower Upper
76 100
78 32.5 25.5 38.3

Manual Integrations
APPROVED

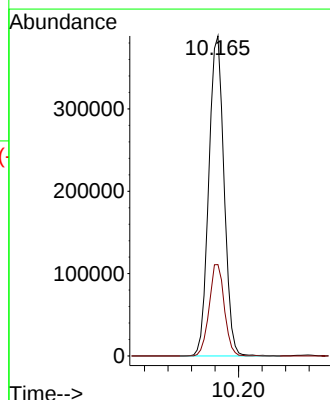
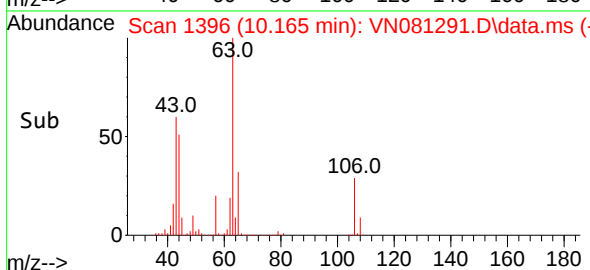
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

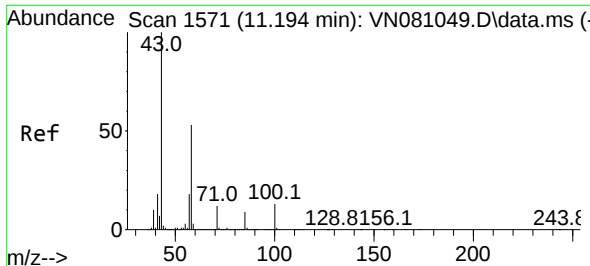


#58
2-Chloroethyl Vinyl ether
Concen: 317.786 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



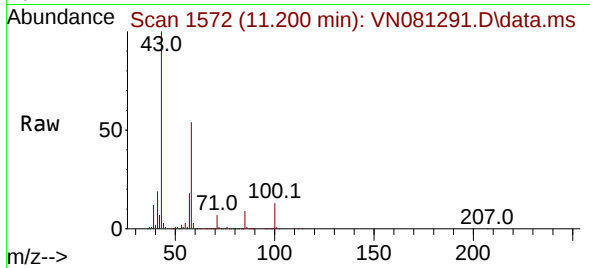
Tgt Ion: 63 Resp: 697315
Ion Ratio Lower Upper
63 100
106 28.5 18.6 28.0#





#59
2-Hexanone
Concen: 321.243 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

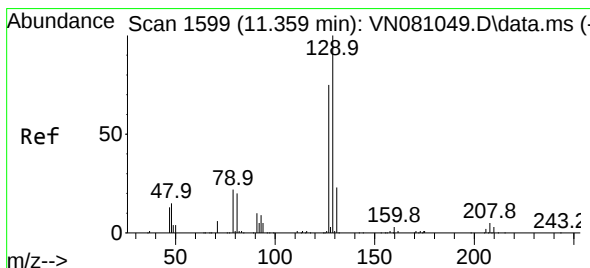
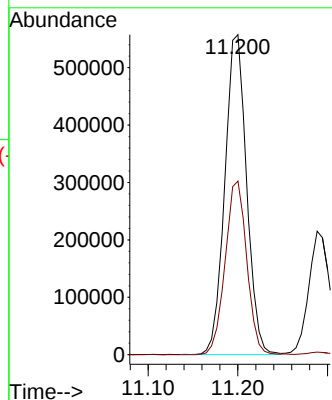
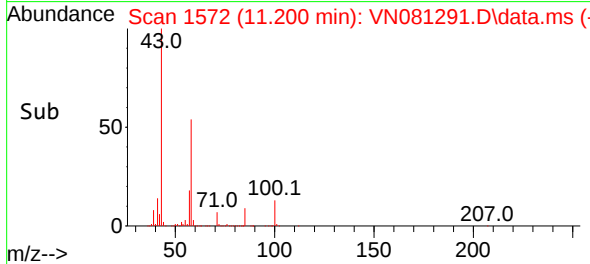
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 938898
Ion Ratio Lower Upper
43 100
58 53.9 25.9 77.8

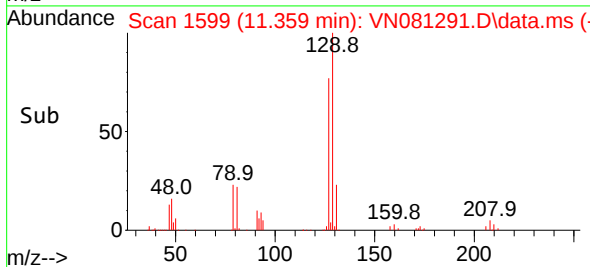
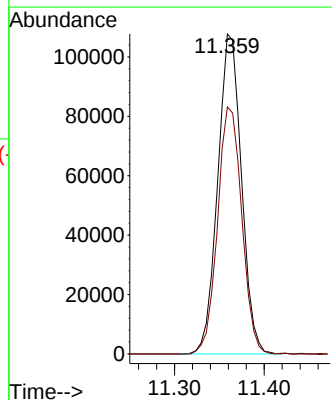
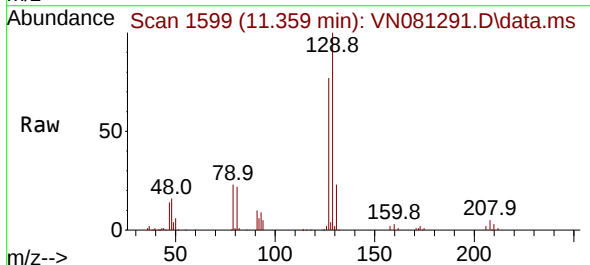
Manual Integrations
APPROVED

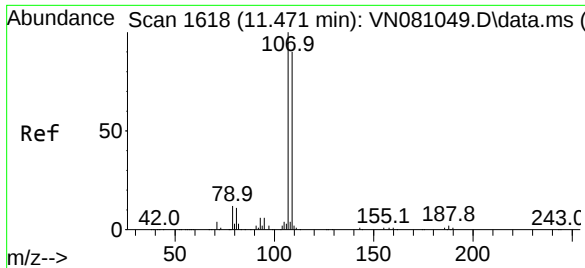
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#60
Dibromochloromethane
Concen: 65.115 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

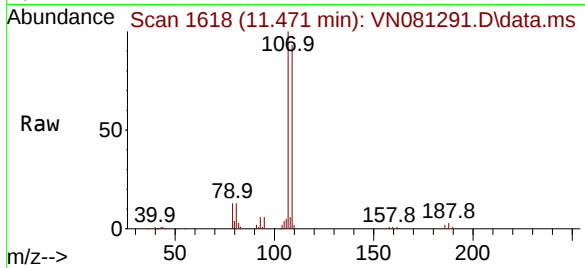
Tgt Ion:129 Resp: 197941
Ion Ratio Lower Upper
129 100
127 78.6 39.4 118.2





#61
1,2-Dibromoethane
Concen: 62.088 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

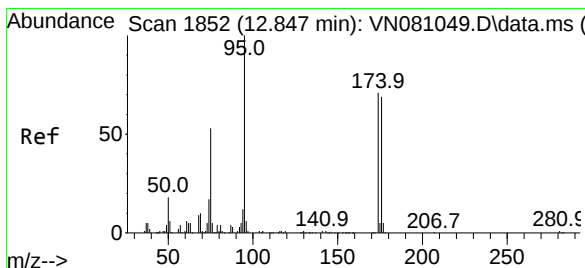
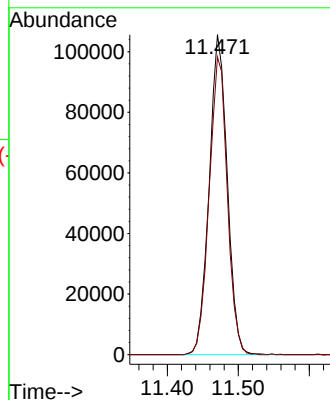
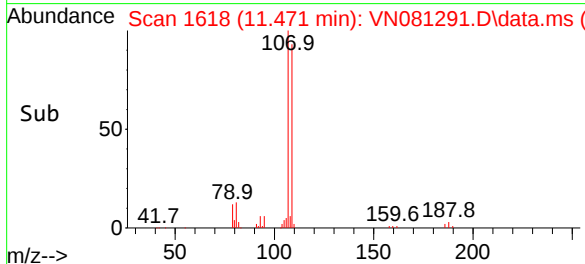
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



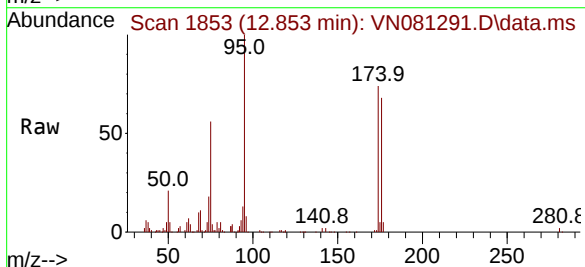
Tgt Ion:107 Resp: 186827
Ion Ratio Lower Upper
107 100
109 93.4 73.4 110.2

Manual Integrations
APPROVED

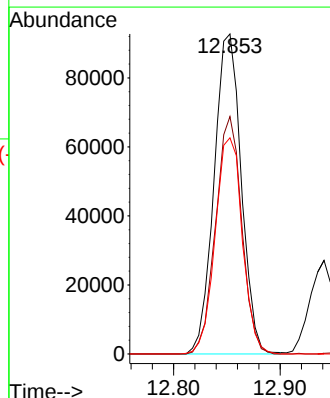
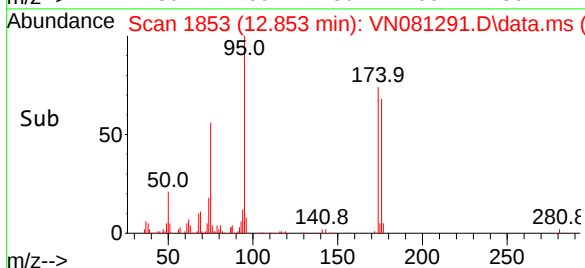
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

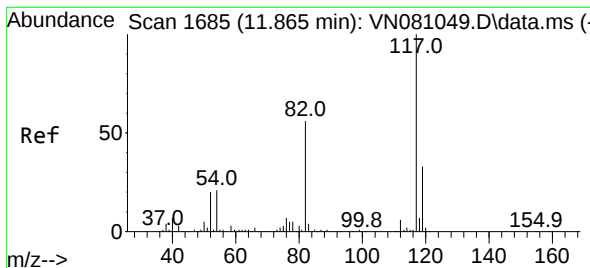


#62
4-Bromofluorobenzene
Concen: 51.945 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



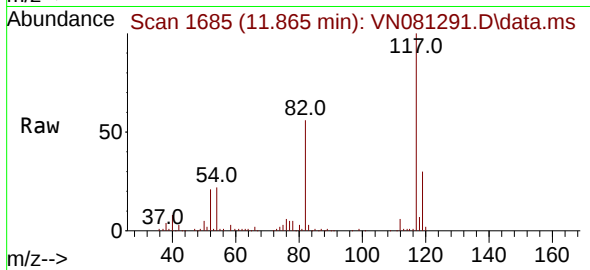
Tgt Ion: 95 Resp: 164289
Ion Ratio Lower Upper
95 100
174 71.1 0.0 120.4
176 67.6 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

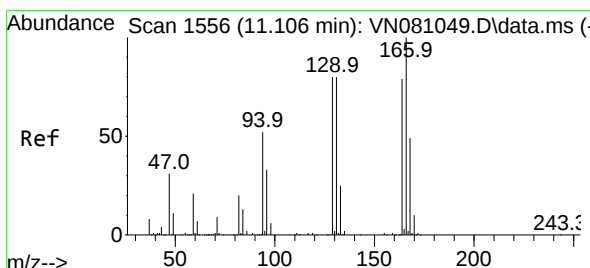
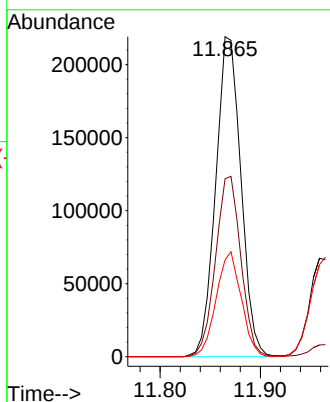
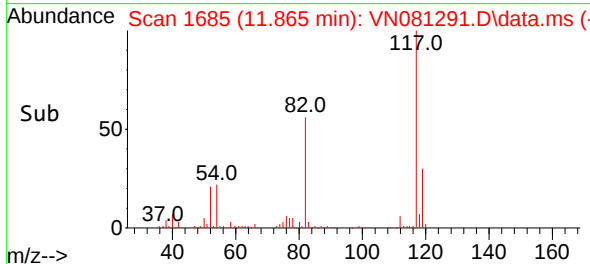
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



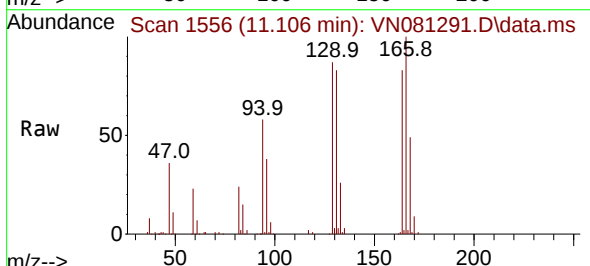
Tgt Ion:117 Resp: 382674
Ion Ratio Lower Upper
117 100
82 55.6 52.7 79.1
119 30.2 25.3 37.9

Manual Integrations
APPROVED

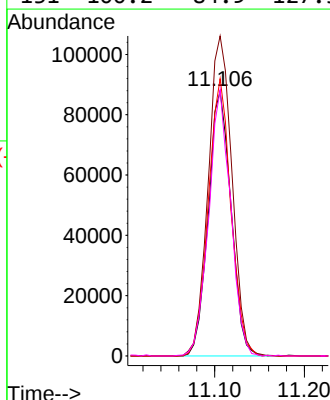
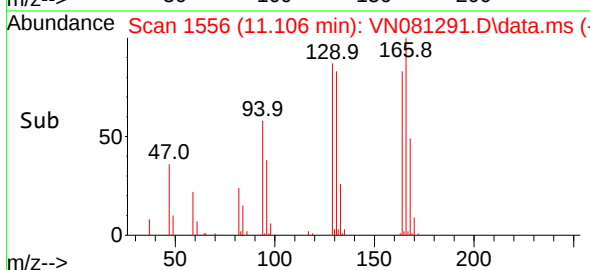
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

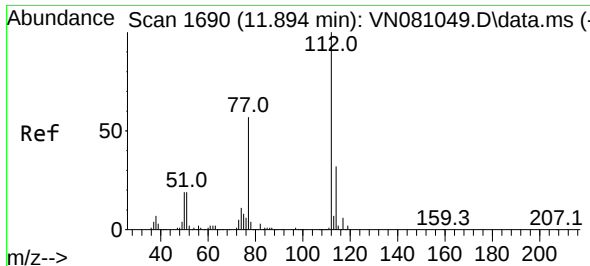


#64
Tetrachloroethene
Concen: 59.167 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



Tgt Ion:164 Resp: 154530
Ion Ratio Lower Upper
164 100
166 120.8 105.8 158.6
129 104.7 89.6 134.4
131 100.2 84.9 127.3





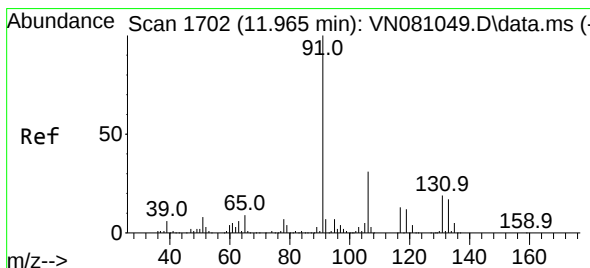
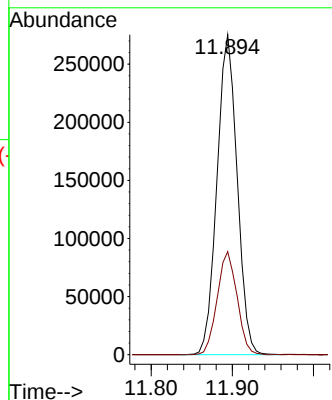
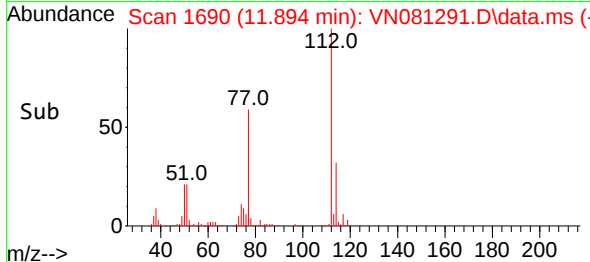
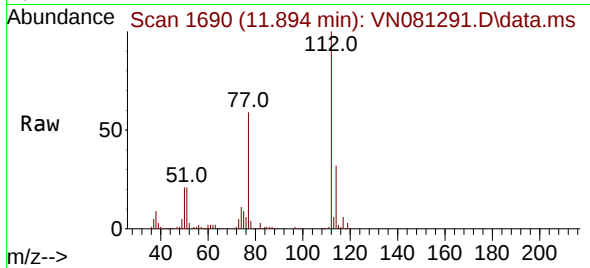
#65
Chlorobenzene
Concen: 57.424 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 475602
Ion Ratio Lower Upper
112 100
114 32.2 23.7 35.5

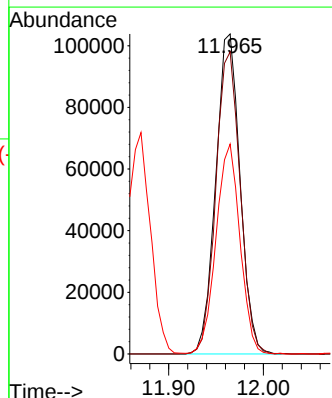
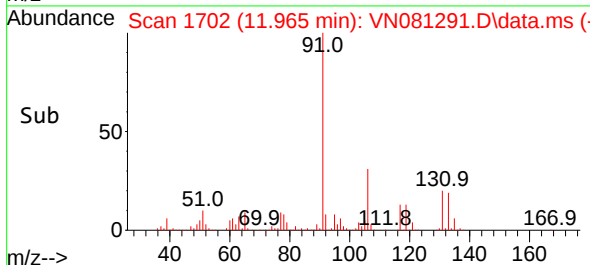
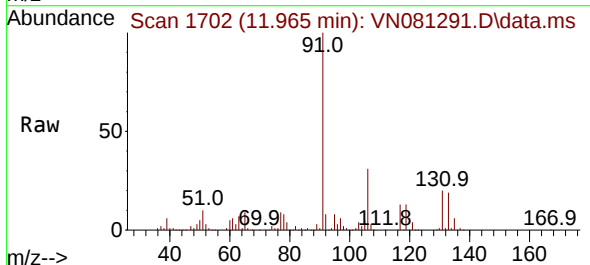
Manual Integrations
APPROVED

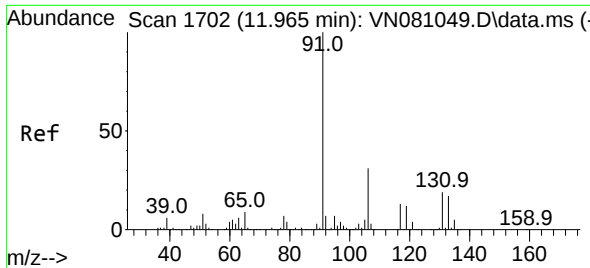
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 62.193 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

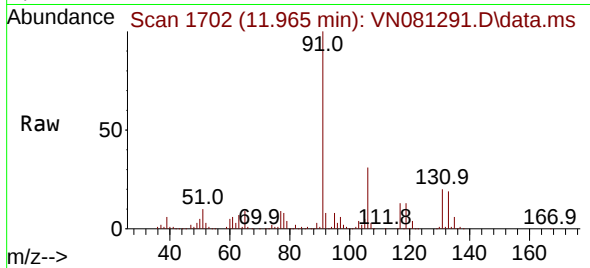
Tgt Ion:131 Resp: 185010
Ion Ratio Lower Upper
131 100
133 94.5 46.8 140.3
119 64.9 34.6 103.9





#67
Ethyl Benzene
Concen: 59.101 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

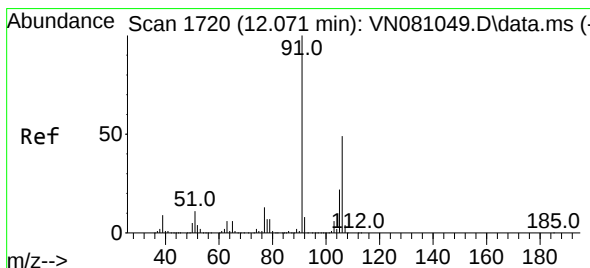
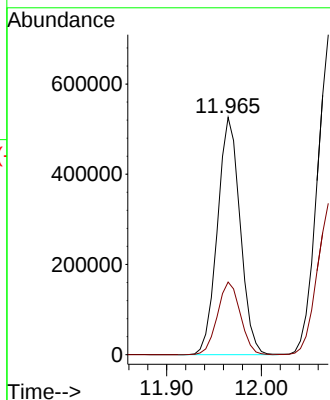
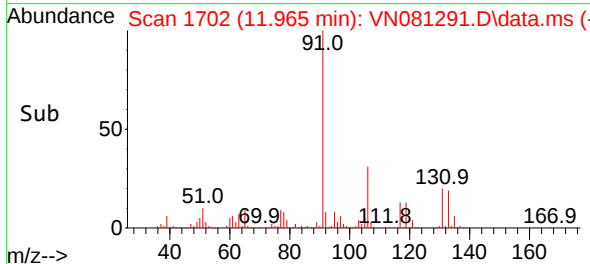
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



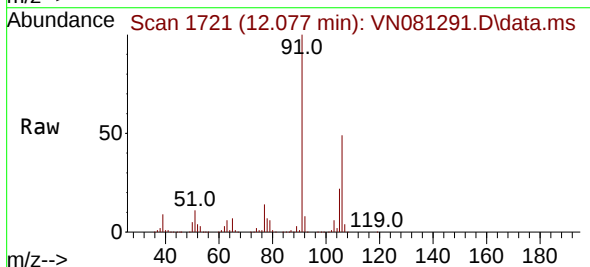
Tgt Ion: 91 Resp: 875900
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6

Manual Integrations
APPROVED

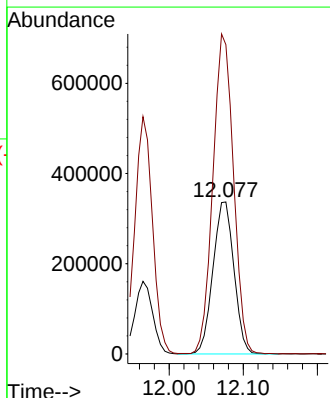
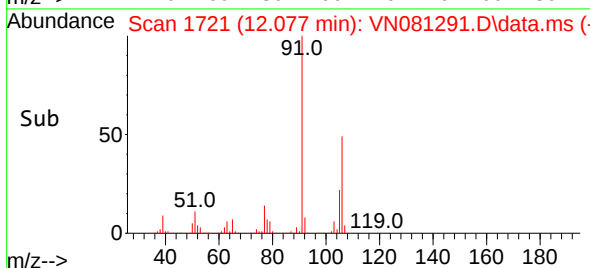
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

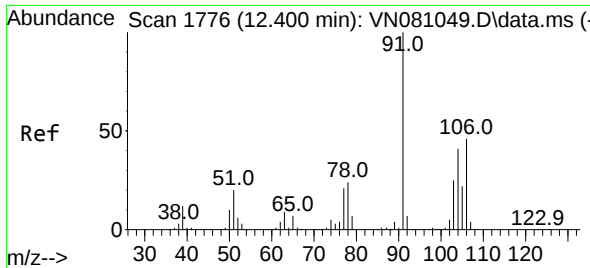


#68
m/p-Xylenes
Concen: 116.628 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



Tgt Ion:106 Resp: 662520
Ion Ratio Lower Upper
106 100
91 206.8 169.0 253.6





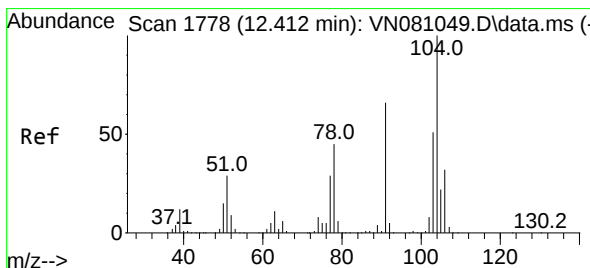
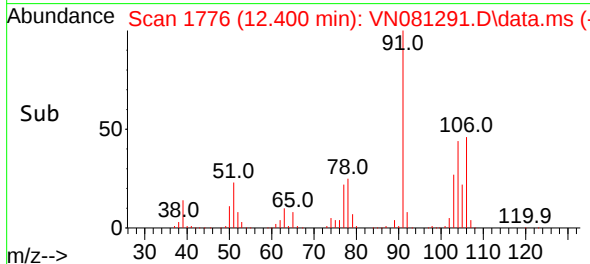
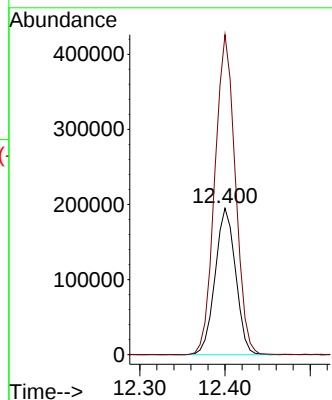
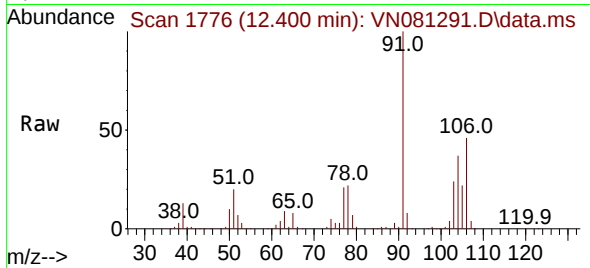
#69
o-Xylene
Concen: 57.834 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 325660
Ion Ratio Lower Upper
106 100
91 218.9 112.1 336.3

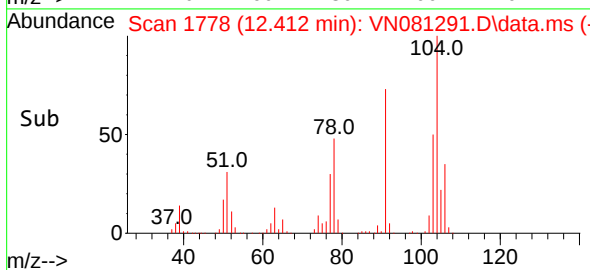
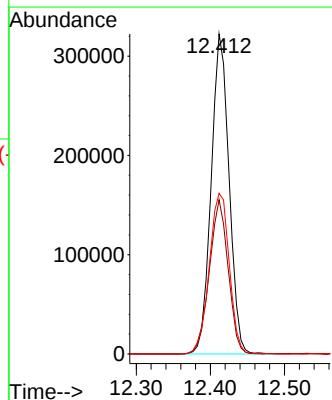
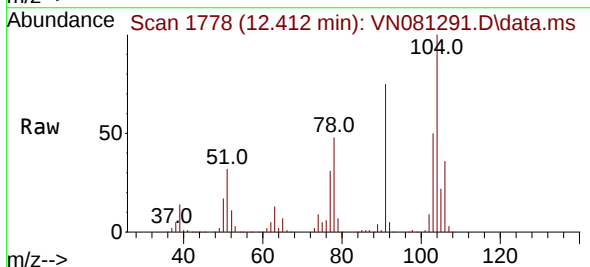
Manual Integrations
APPROVED

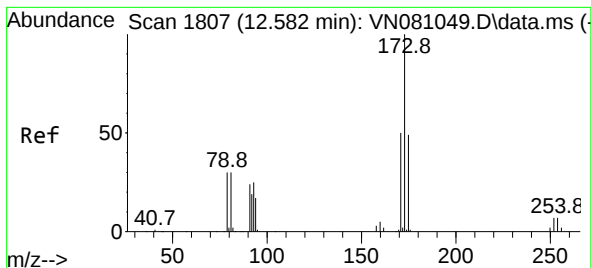
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#70
Styrene
Concen: 60.512 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

Tgt Ion:104 Resp: 539940
Ion Ratio Lower Upper
104 100
78 50.7 43.8 65.8
103 56.1 44.2 66.2





#71

Bromoform

Concen: 66.699 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

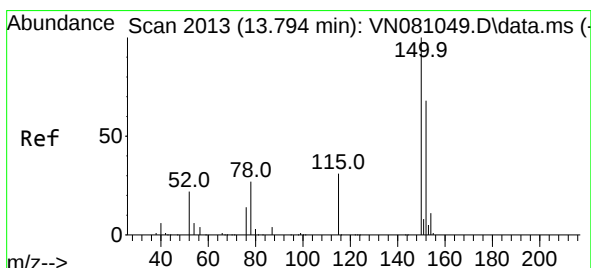
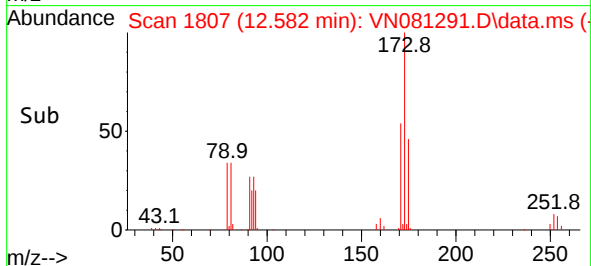
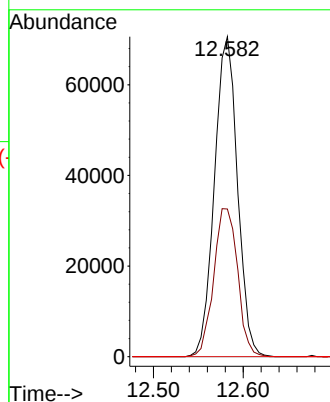
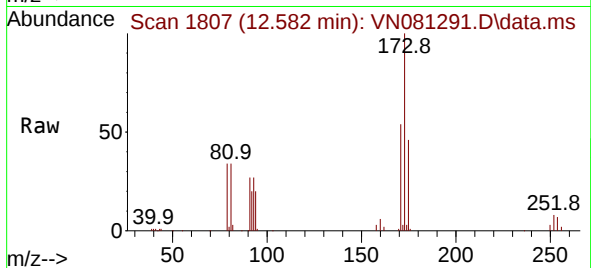
Tgt Ion:173 Resp: 125882
 Ion Ratio Lower Upper
 173 100
 175 48.0 23.1 69.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

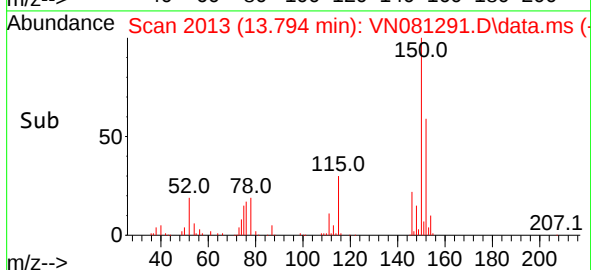
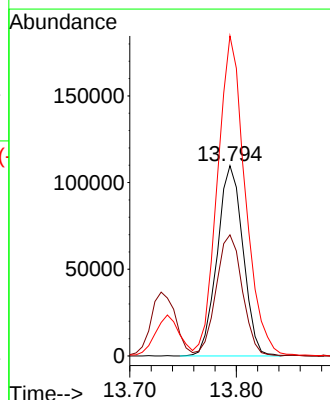
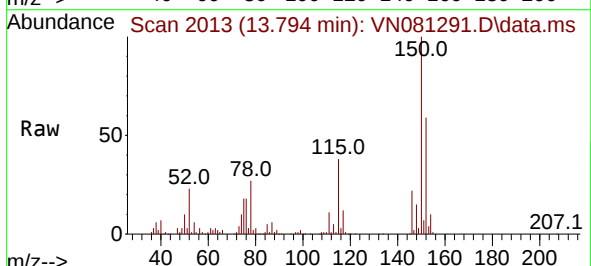
RT: 13.794 min Scan# 2013

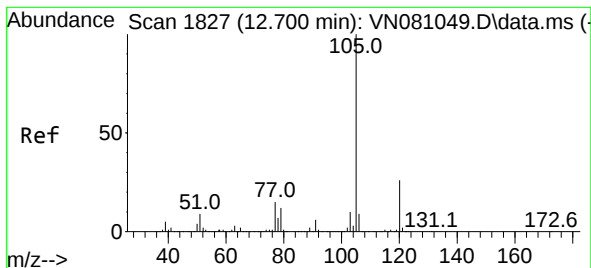
Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Tgt Ion:152 Resp: 184282
 Ion Ratio Lower Upper
 152 100
 115 65.1 32.3 96.8
 150 181.4 0.0 339.8





#73

Isopropylbenzene

Concen: 53.525 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 86301

Ion Ratio Lower Upper

105 100

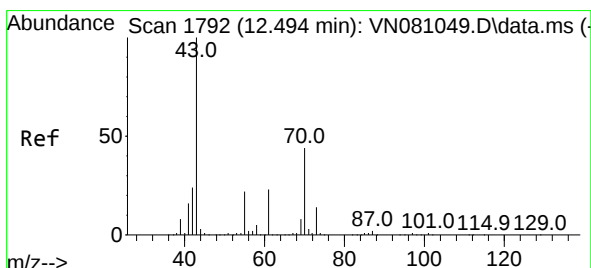
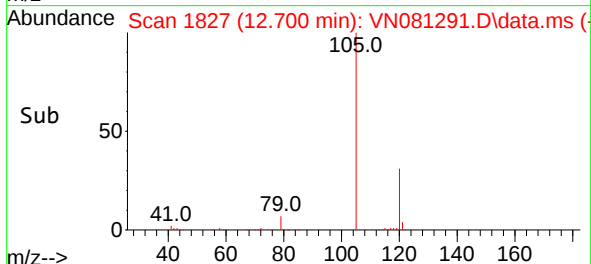
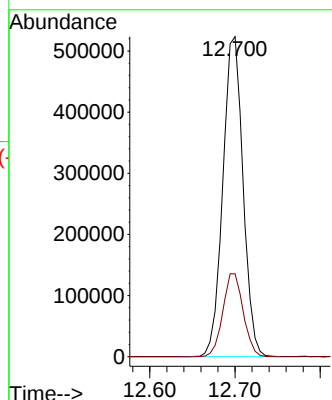
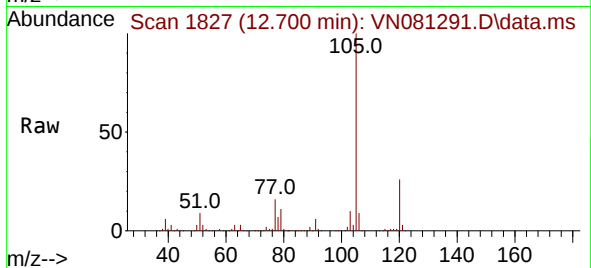
120 26.2 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#74

N-ethyl acetate

Concen: 55.360 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Tgt Ion: 43 Resp: 377246

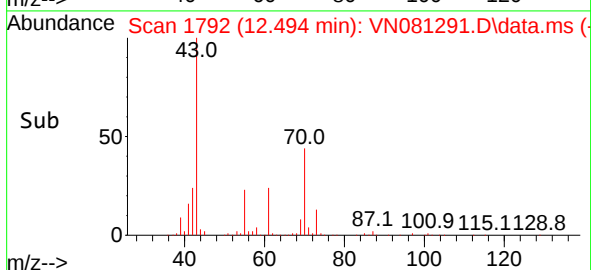
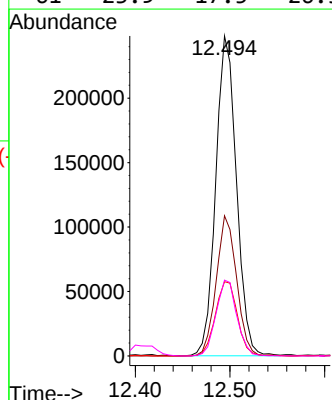
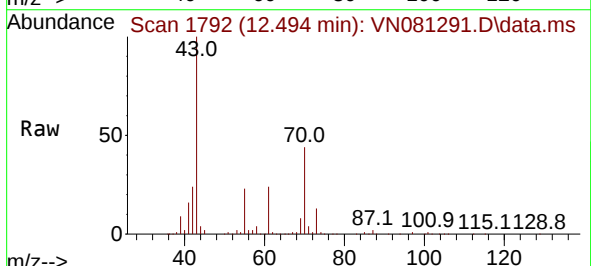
Ion Ratio Lower Upper

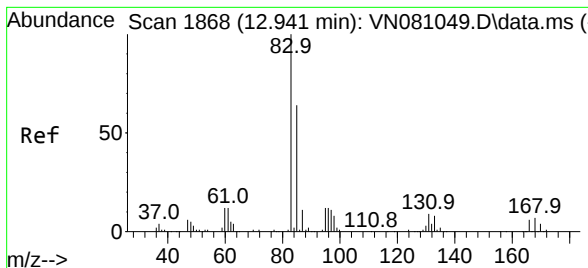
43 100

70 43.2 30.1 45.1

55 24.8 17.0 25.4

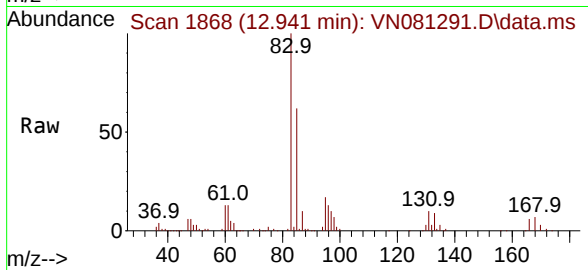
61 23.9 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 59.545 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

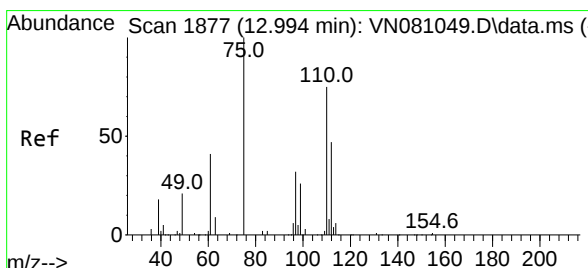
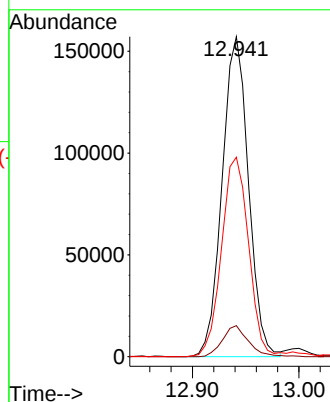
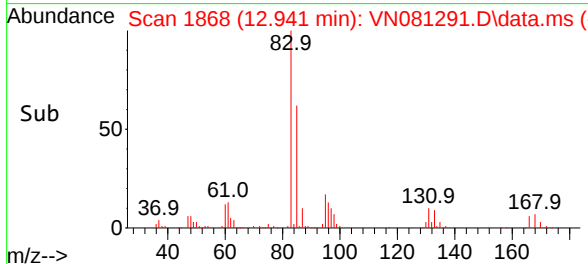
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 269962
Ion Ratio Lower Upper
83 100
131 9.6 4.1 12.3
85 64.2 32.1 96.3

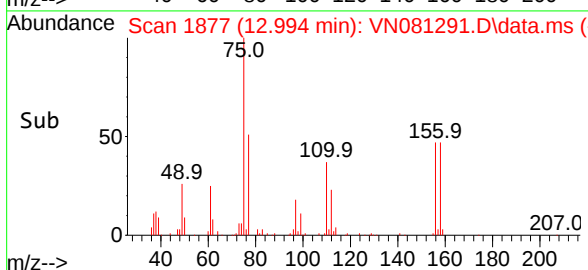
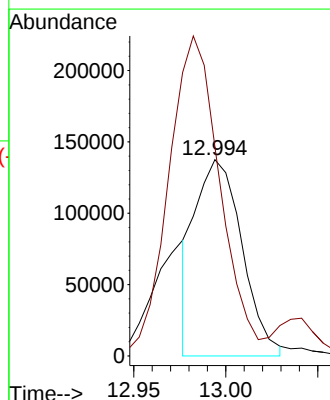
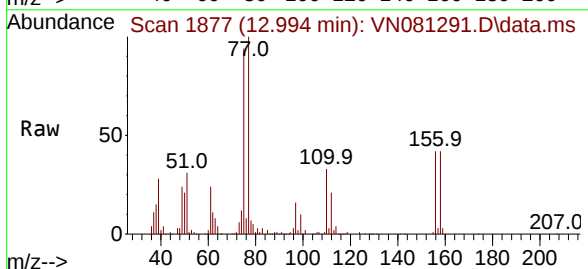
Manual Integrations
APPROVED

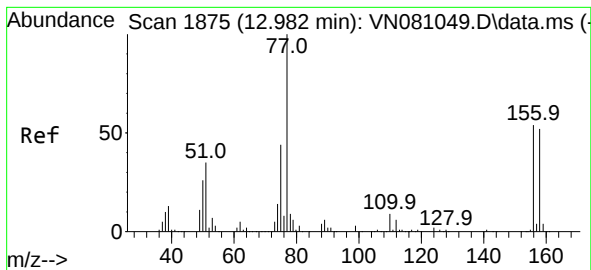
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#76
1,2,3-Trichloropropane
Concen: 57.980 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

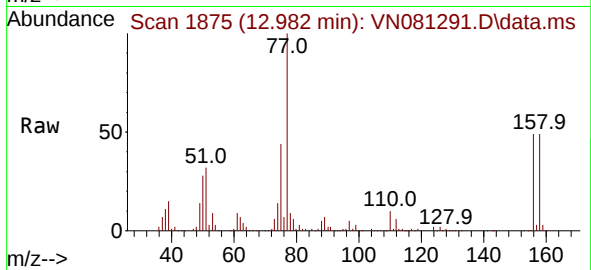
Tgt Ion: 75 Resp: 242763
Ion Ratio Lower Upper
75 100
77 179.0 91.0 272.8





#77
Bromobenzene
Concen: 53.541 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

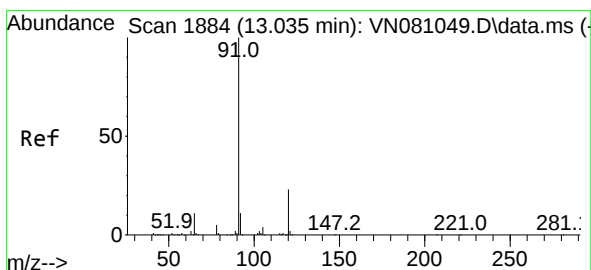
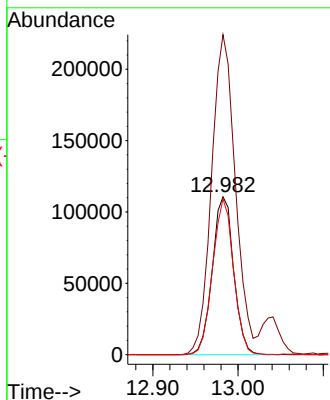
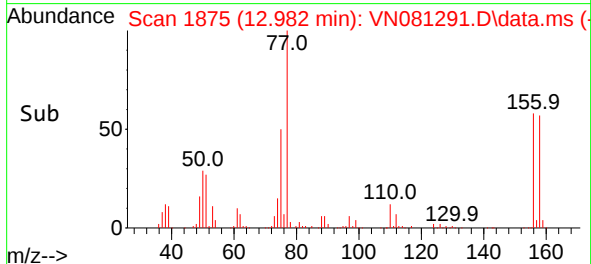
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



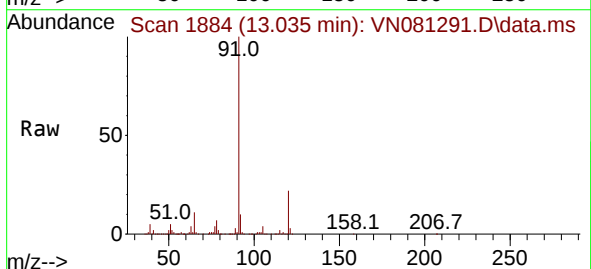
Tgt Ion:156 Resp: 192485
Ion Ratio Lower Upper
156 100
77 225.8 138.1 414.3
158 96.7 46.5 139.5

Manual Integrations
APPROVED

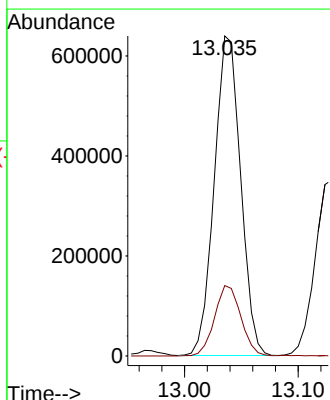
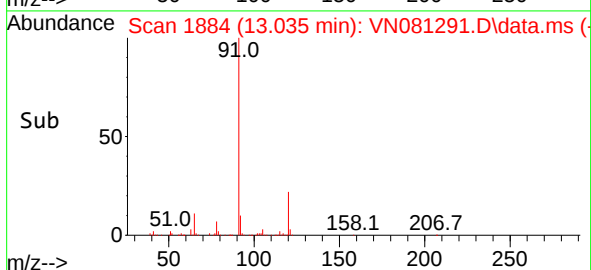
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

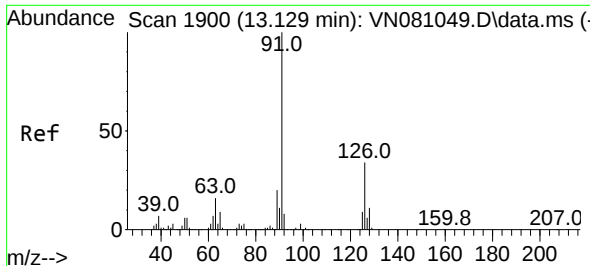


#78
n-propylbenzene
Concen: 55.497 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



Tgt Ion: 91 Resp: 1030093
Ion Ratio Lower Upper
91 100
120 22.0 10.3 30.9





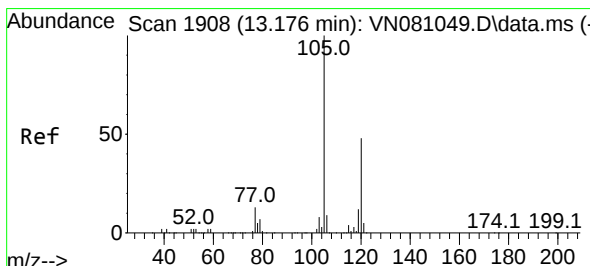
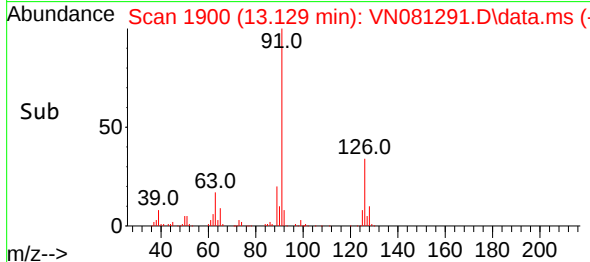
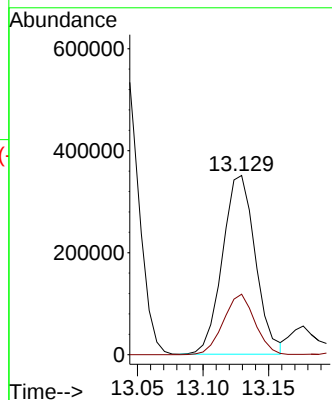
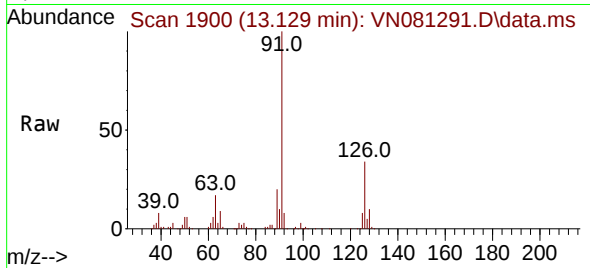
#79
2-Chlorotoluene
Concen: 53.816 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 612690
Ion Ratio Lower Upper
91 100
126 32.3 14.8 44.4

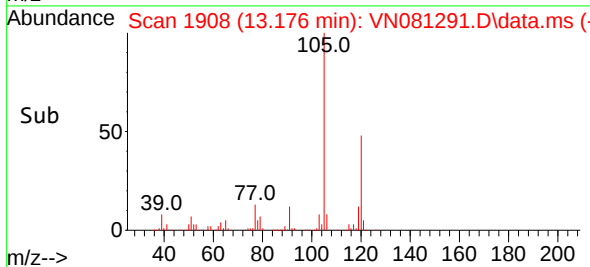
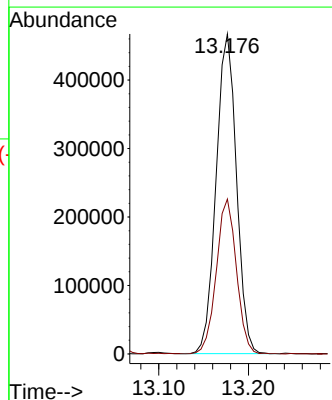
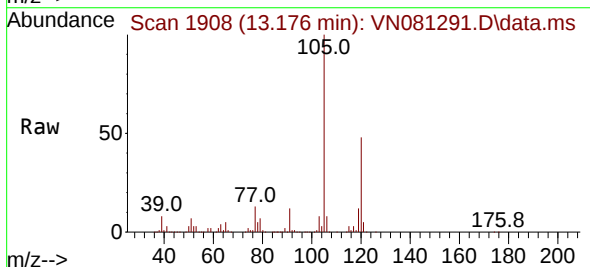
Manual Integrations
APPROVED

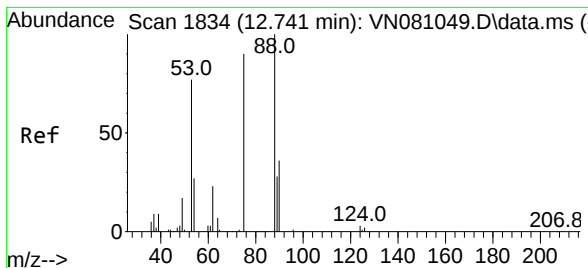
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#80
1,3,5-Trimethylbenzene
Concen: 56.173 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

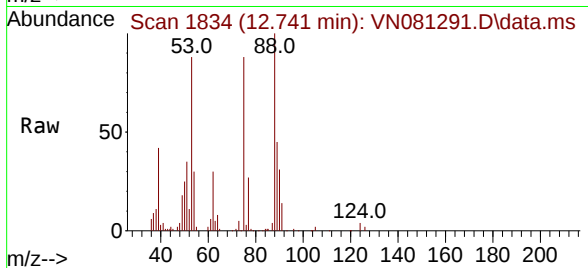
Tgt Ion:105 Resp: 734334
Ion Ratio Lower Upper
105 100
120 48.0 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 54.446 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

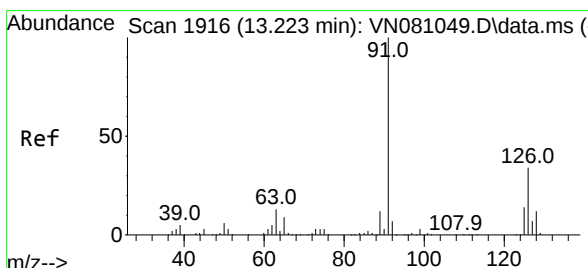
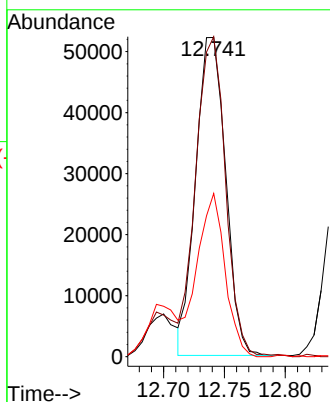
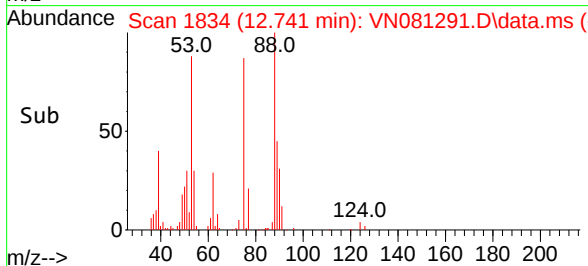
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



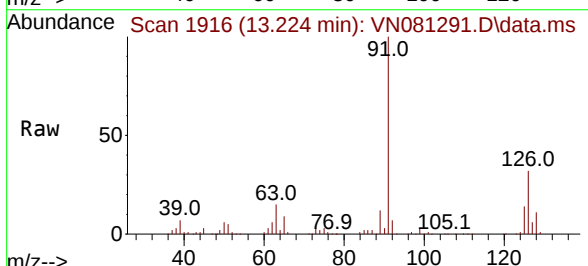
Tgt Ion: 75 Resp: 8856
Ion Ratio Lower Upper
75 100
53 100.8 71.4 107.2
89 48.6 33.4 50.0

Manual Integrations
APPROVED

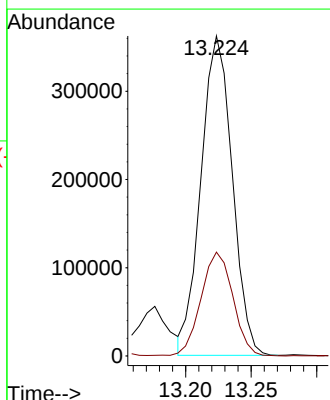
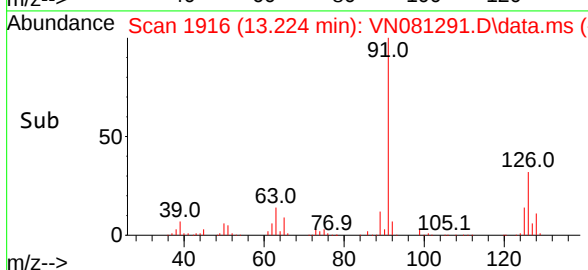
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

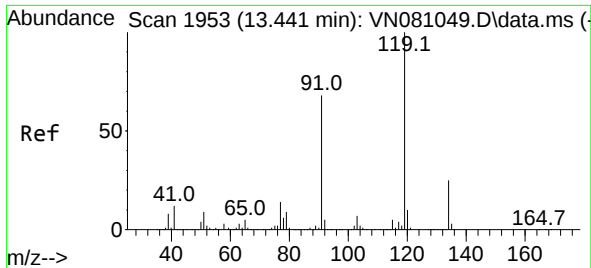


#82
4-Chlorotoluene
Concen: 53.933 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



Tgt Ion: 91 Resp: 600375
Ion Ratio Lower Upper
91 100
126 33.2 15.3 45.9





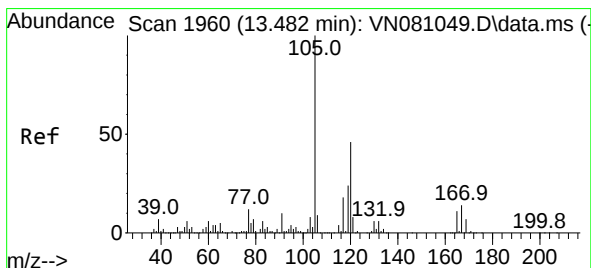
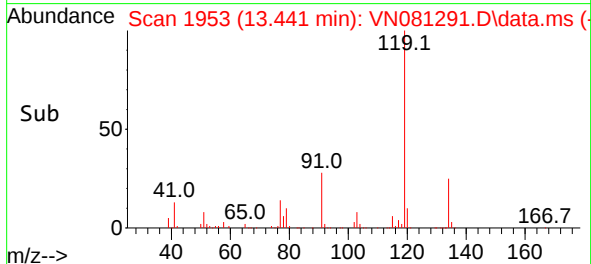
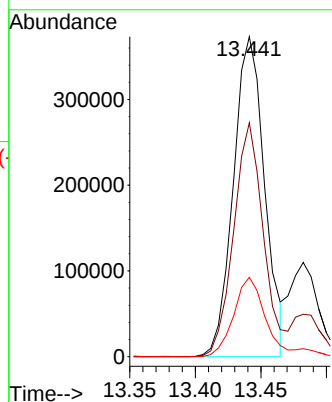
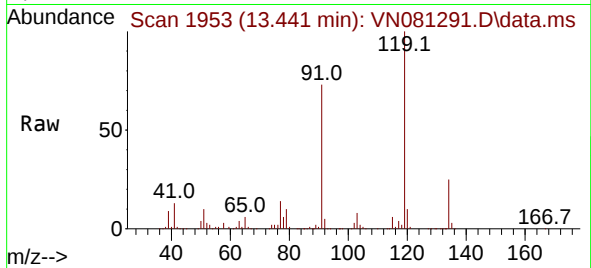
#83
tert-Butylbenzene
Concen: 54.759 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 61898
Ion Ratio Lower Upper
119 100
91 70.1 36.8 110.4
134 26.3 12.4 37.4

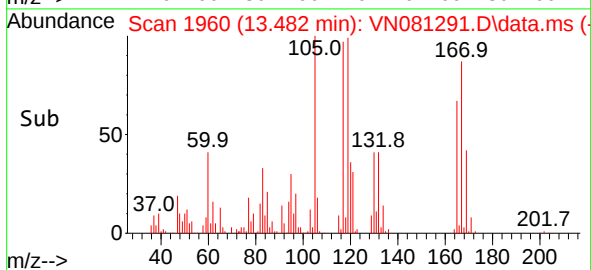
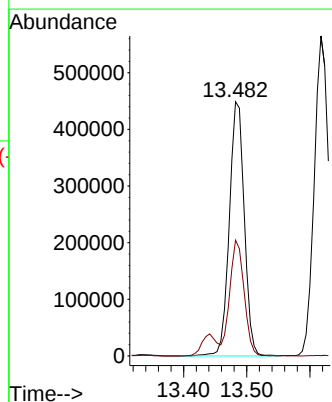
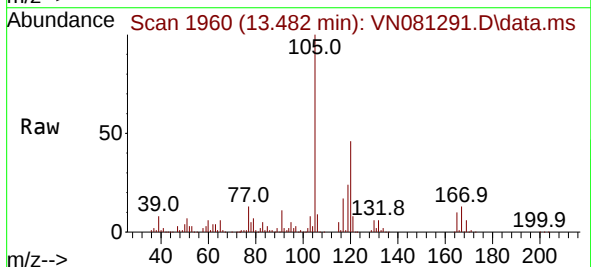
Manual Integrations
APPROVED

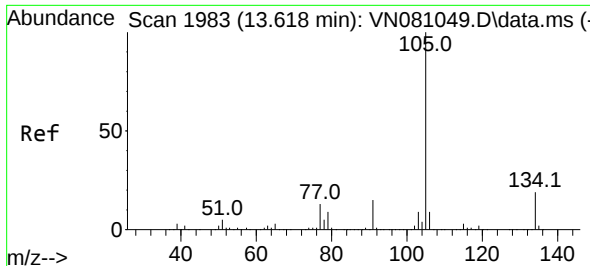
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#84
1,2,4-Trimethylbenzene
Concen: 56.696 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

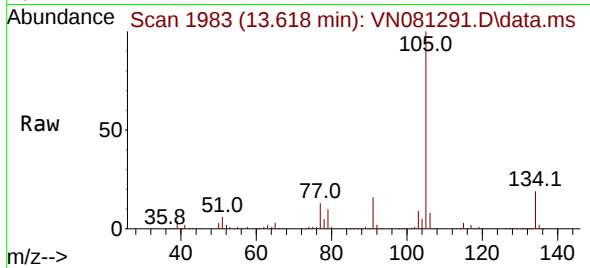
Tgt Ion:105 Resp: 738570
Ion Ratio Lower Upper
105 100
120 43.5 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 58.097 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081291.D
 Acq: 01 Mar 2024 17:31

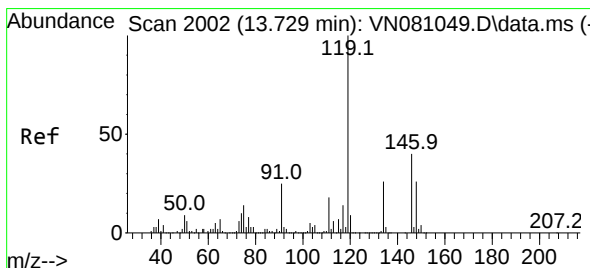
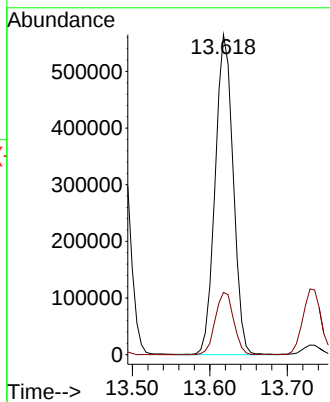
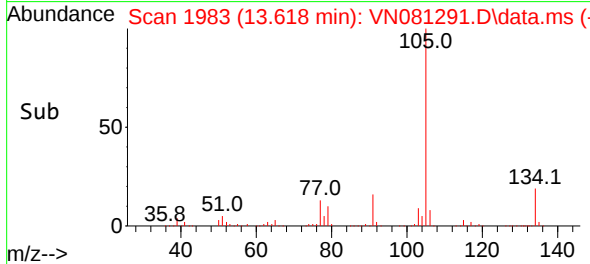
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



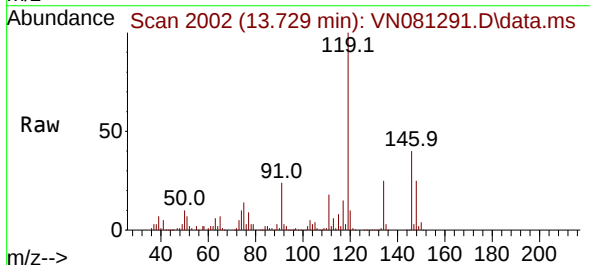
Tgt Ion:105 Resp: 91297
 Ion Ratio Lower Upper
 105 100
 134 19.9 8.6 25.8

Manual Integrations
 APPROVED

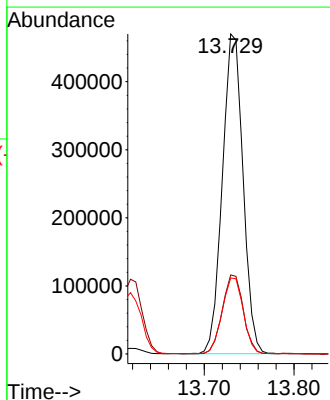
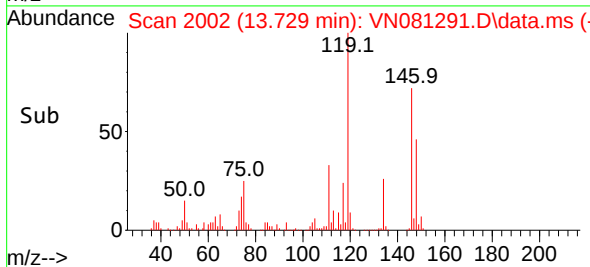
Reviewed By :John Carlone 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024

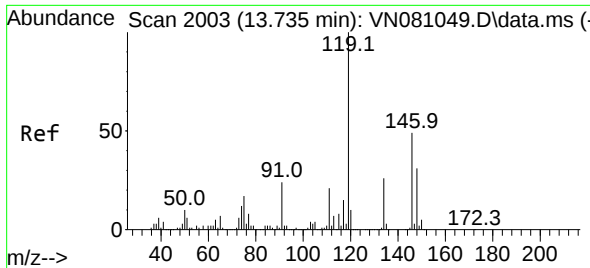


#86
 p-Isopropyltoluene
 Concen: 57.569 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081291.D
 Acq: 01 Mar 2024 17:31



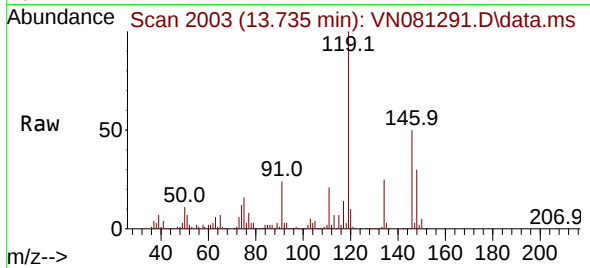
Tgt Ion:119 Resp: 751434
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.4 37.2
 91 24.2 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 54.366 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

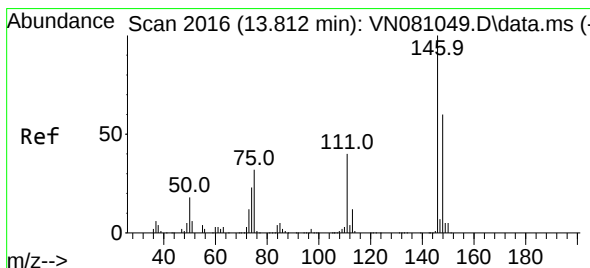
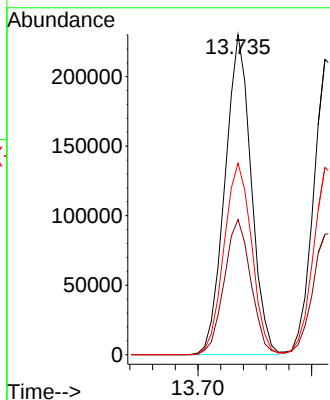
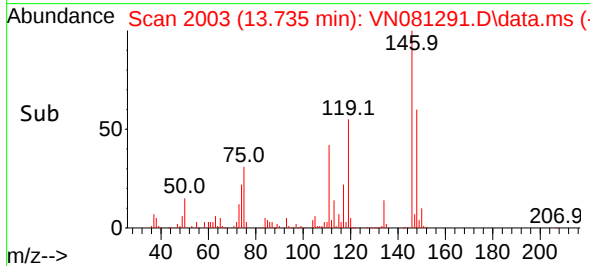
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



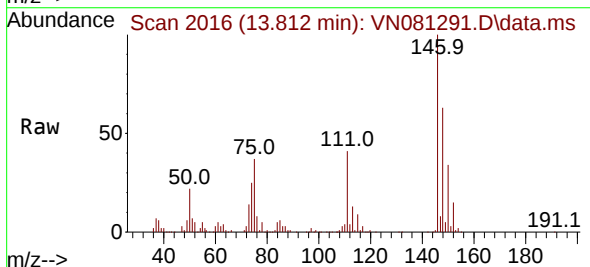
Tgt Ion:146 Resp: 36929
Ion Ratio Lower Upper
146 100
111 43.1 23.9 71.7
148 63.1 32.6 97.7

Manual Integrations
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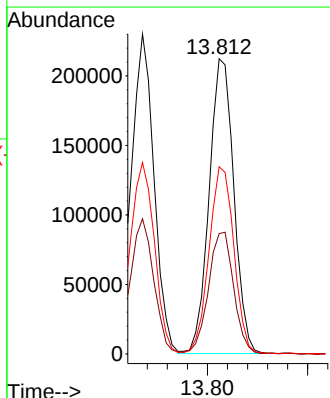
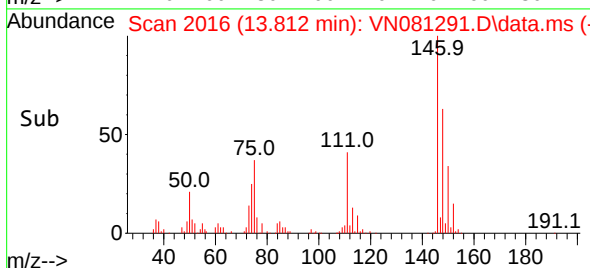
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

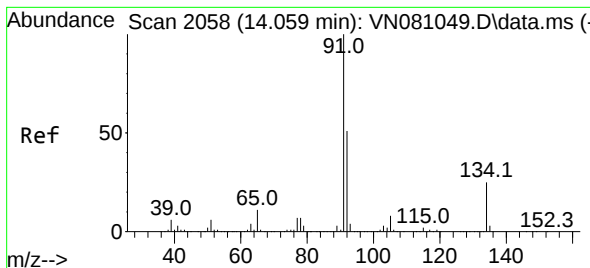


#88
1,4-Dichlorobenzene
Concen: 54.371 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



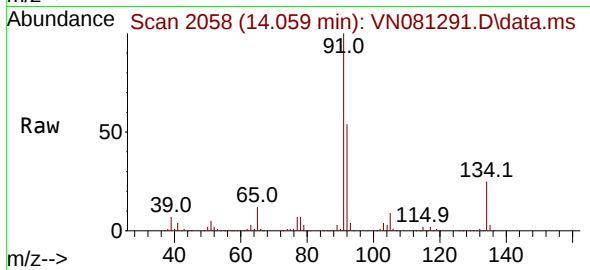
Tgt Ion:146 Resp: 362904
Ion Ratio Lower Upper
146 100
111 42.4 22.6 67.7
148 63.9 31.9 95.5





#89
n-Butylbenzene
Concen: 58.354 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

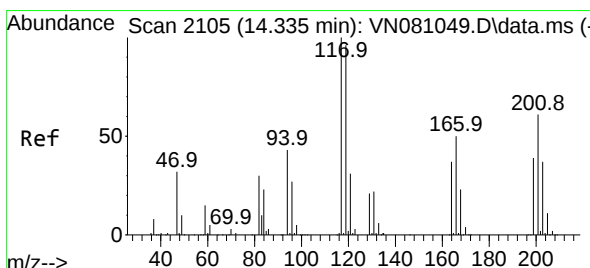
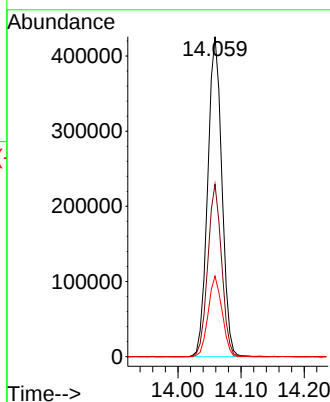
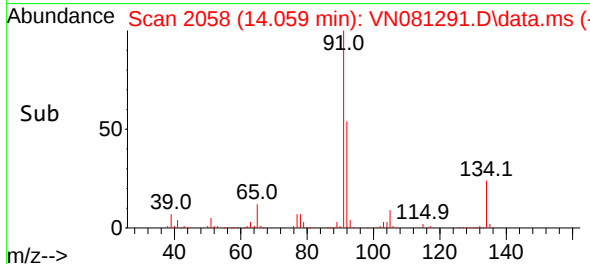
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 66357
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.1
134 24.7 10.8 32.4

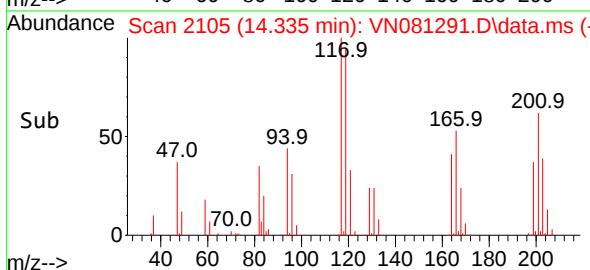
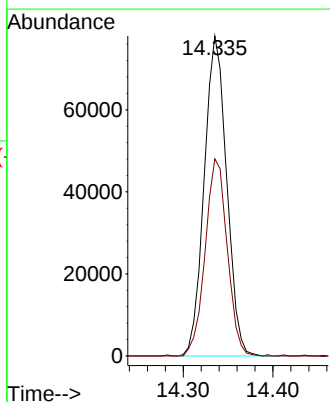
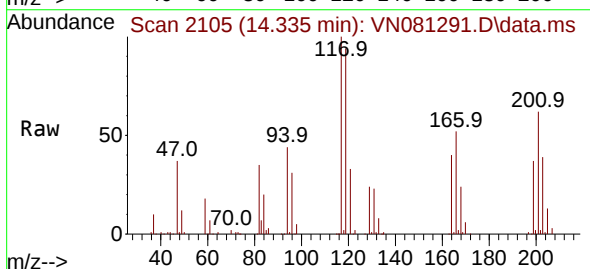
Manual Integrations
APPROVED

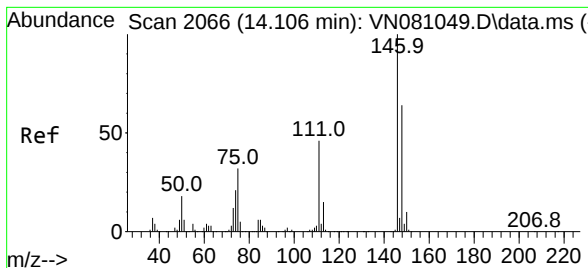
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#90
Hexachloroethane
Concen: 62.826 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

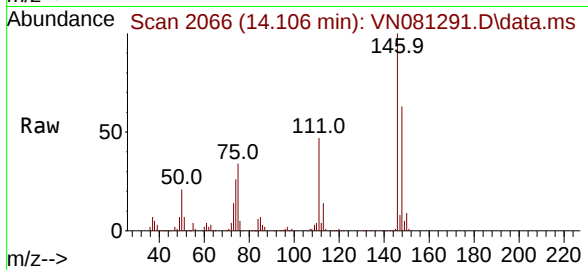
Tgt Ion:117 Resp: 135551
Ion Ratio Lower Upper
117 100
201 60.5 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 54.427 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31

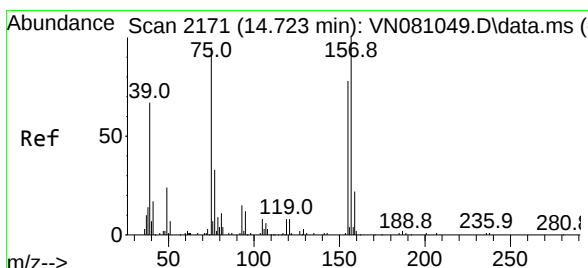
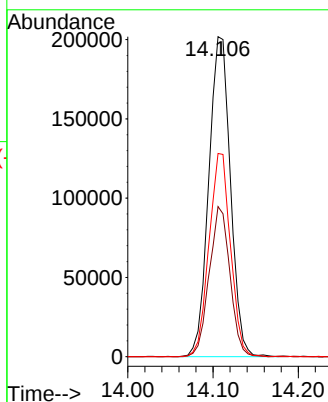
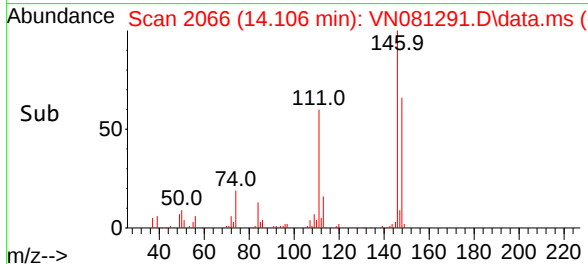
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



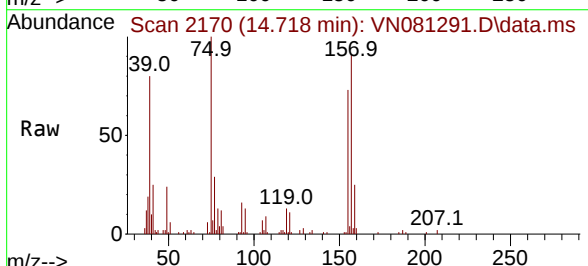
Tgt Ion:146 Resp: 356570
Ion Ratio Lower Upper
146 100
111 44.9 23.9 71.8
148 62.8 31.4 94.0

Manual Integrations
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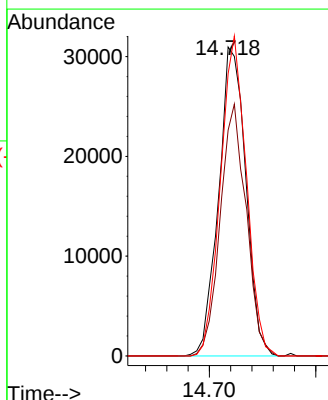
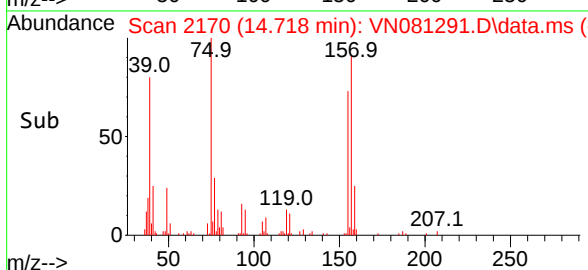
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

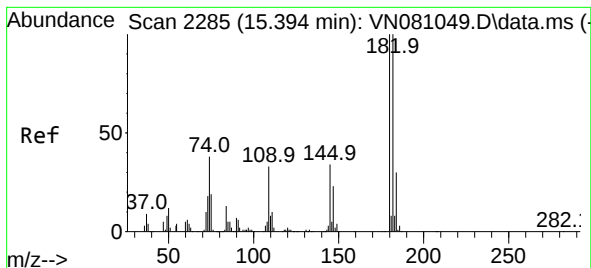


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.298 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081291.D
Acq: 01 Mar 2024 17:31



Tgt Ion: 75 Resp: 54953
Ion Ratio Lower Upper
75 100
155 77.8 31.8 95.4
157 98.3 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 54.117 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 19779

Ion Ratio Lower Upper

180 100

182 92.6 46.6 139.7

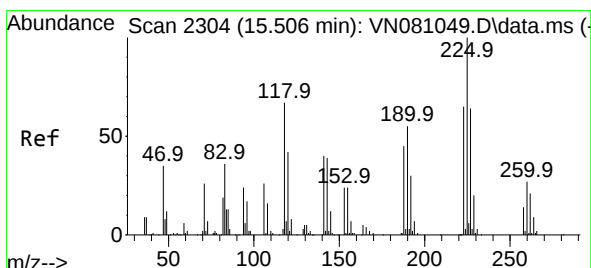
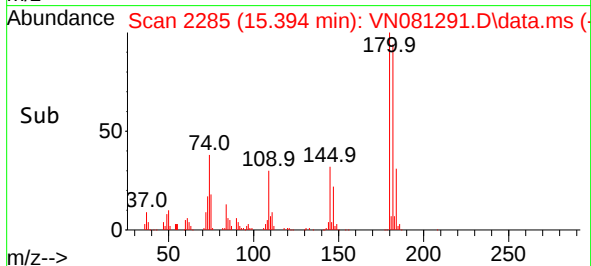
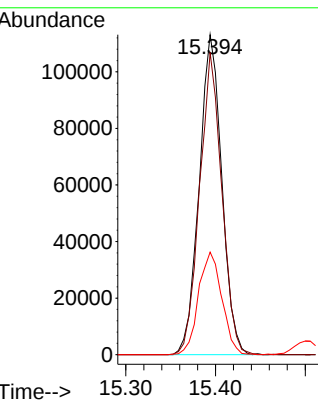
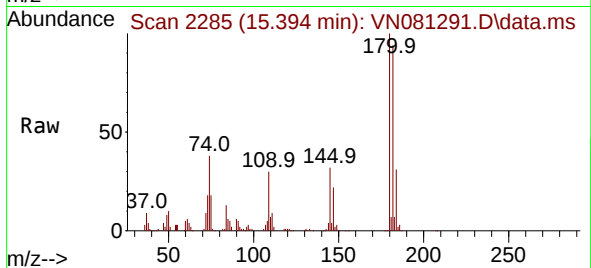
145 33.1 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#94

Hexachlorobutadiene

Concen: 53.809 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

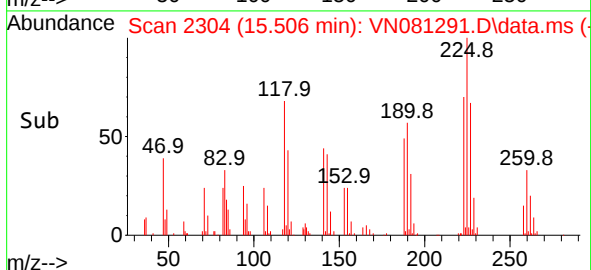
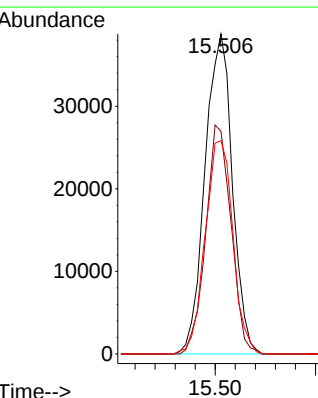
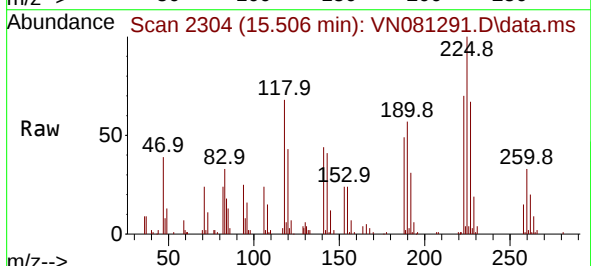
Tgt Ion:225 Resp: 73349

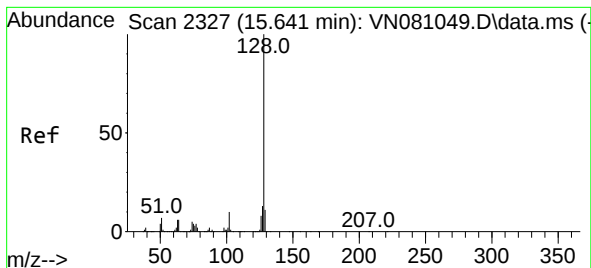
Ion Ratio Lower Upper

225 100

223 66.2 33.3 99.8

227 67.4 33.1 99.2





#95

Naphthalene

Concen: 54.420 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 728890

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

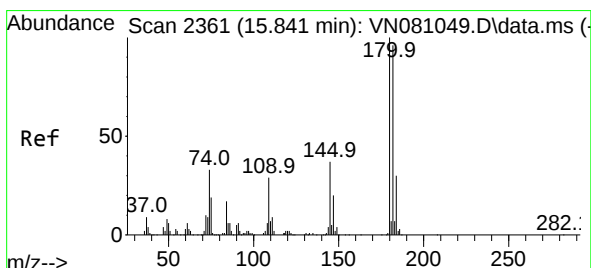
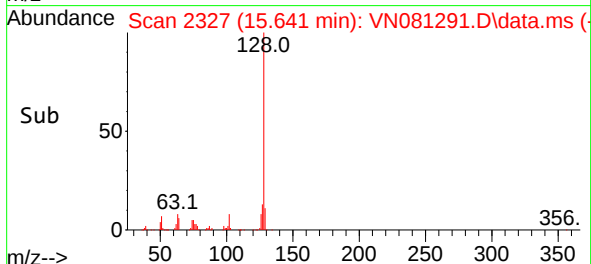
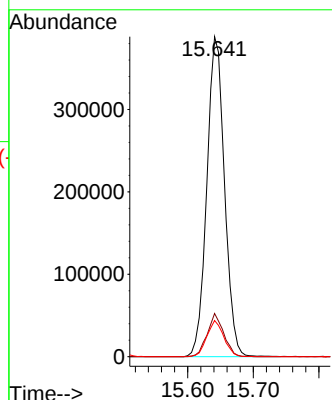
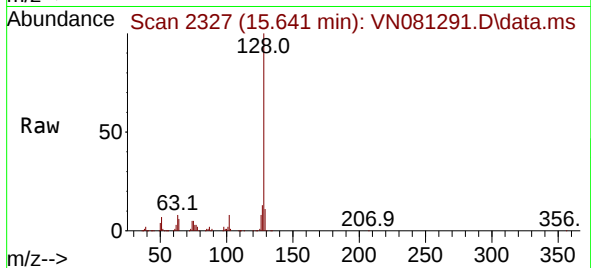
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#96

1,2,3-Trichlorobenzene

Concen: 55.319 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Tgt Ion:180 Resp: 200581

Ion Ratio Lower Upper

180 100

182 96.2 46.5 139.3

145 34.9 17.8 53.4

