

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081313.D
 Acq On : 06 Mar 2024 09:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 00:20:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	340224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	615218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	562732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	258110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	243348	49.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.940%		
35) Dibromofluoromethane	8.165	113	197643	52.436	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.880%		
50) Toluene-d8	10.570	98	737897	52.369	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.740%		
62) 4-Bromofluorobenzene	12.853	95	262187	52.647	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	105.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	218331	48.410	ug/l	92
3) Chloromethane	2.359	50	206414	42.370	ug/l	94
4) Vinyl Chloride	2.512	62	219816	43.253	ug/l	95
5) Bromomethane	2.953	94	140022	41.253	ug/l	96
6) Chloroethane	3.118	64	148485	42.539	ug/l	91
7) Trichlorofluoromethane	3.500	101	335547	44.631	ug/l	90
8) Diethyl Ether	3.959	74	113157	42.720	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	186790	43.629	ug/l	93
10) Methyl Iodide	4.588	142	184297	47.040	ug/l	99
11) Tert butyl alcohol	5.518	59	171178	199.005	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	172263	43.447	ug/l	90
13) Acrolein	4.177	56	234017	229.756	ug/l	98
14) Allyl chloride	5.024	41	249667	42.430	ug/l #	86
15) Acrylonitrile	5.724	53	482214	214.590	ug/l	96
16) Acetone	4.424	43	361011	207.130	ug/l	99
17) Carbon Disulfide	4.712	76	474807	41.958	ug/l	99
18) Methyl Acetate	5.024	43	231773	46.447	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	590215	43.891	ug/l	98
20) Methylene Chloride	5.277	84	198248	45.973	ug/l	87
21) trans-1,2-Dichloroethene	5.788	96	187912	42.037	ug/l	97
22) Diisopropyl ether	6.671	45	590827	45.207	ug/l #	91
23) Vinyl Acetate	6.606	43	2346106	220.970	ug/l	96
24) 1,1-Dichloroethane	6.571	63	355969	44.495	ug/l	97
25) 2-Butanone	7.482	43	634366	217.335	ug/l	91
26) 2,2-Dichloropropane	7.488	77	314571	44.489	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	221362	43.678	ug/l	88
28) Bromochloromethane	7.812	49	188923	55.189	ug/l #	71
29) Tetrahydrofuran	7.841	42	428351	215.213	ug/l #	89
30) Chloroform	7.965	83	371615	44.762	ug/l	98
31) Cyclohexane	8.253	56	311616	41.841	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	335268	45.687	ug/l	93
36) 1,1-Dichloropropene	8.371	75	273866	45.037	ug/l	96
37) Ethyl Acetate	7.559	43	248052	41.729	ug/l	99
38) Carbon Tetrachloride	8.365	117	281653	46.021	ug/l	100
39) Methylcyclohexane	9.600	83	331422	47.358	ug/l	90
40) Benzene	8.606	78	809789	44.615	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	136601	40.693	ug/l	93
42) 1,2-Dichloroethane	8.671	62	285402	44.596	ug/l	100
43) Isopropyl Acetate	8.688	43	438778	42.173	ug/l #	96
44) Trichloroethene	9.353	130	204296	44.627	ug/l	98
45) 1,2-Dichloropropane	9.623	63	205230	45.010	ug/l	98
46) Dibromomethane	9.712	93	145623	45.310	ug/l	92
47) Bromodichloromethane	9.888	83	285925	45.827	ug/l #	99
48) Methyl methacrylate	9.682	41	204243	44.411	ug/l	91
49) 1,4-Dioxane	9.694	88	87397	862.199	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1360813	225.254	ug/l	95
52) Toluene	10.635	92	505903	46.140	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	314874	46.643	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	330597	45.364	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	192404	44.251	ug/l	93
56) Ethyl methacrylate	10.876	69	296860	47.547	ug/l	90
57) 1,3-Dichloropropane	11.165	76	346675	45.684	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	852696	253.896	ug/l #	89
59) 2-Hexanone	11.194	43	1028187	227.659	ug/l	96
60) Dibromochloromethane	11.359	129	211506	47.233	ug/l	98
61) 1,2-Dibromoethane	11.470	107	202490	44.884	ug/l	98
64) Tetrachloroethene	11.106	164	197895	44.913	ug/l	91
65) Chlorobenzene	11.894	112	521266	43.958	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.964	131	191306	44.088	ug/l	97
67) Ethyl Benzene	11.964	91	981707	45.959	ug/l	100
68) m/p-Xylenes	12.076	106	746413	92.850	ug/l	97
69) o-Xylene	12.400	106	364211	46.748	ug/l	95
70) Styrene	12.412	104	601001	48.678	ug/l	98
71) Bromoform	12.582	173	134666	44.702	ug/l #	96
73) Isopropylbenzene	12.700	105	954988	45.820	ug/l	98
74) N-amyl acetate	12.494	43	387622	44.324	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	268165	41.691	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	259704m	42.599	ug/l	
77) Bromobenzene	12.982	156	207701	42.031	ug/l	81
78) n-propylbenzene	13.035	91	1153869	46.806	ug/l	97
79) 2-Chlorotoluene	13.129	91	665280	44.151	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	821527	47.683	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	97688	44.719	ug/l #	82
82) 4-Chlorotoluene	13.223	91	670605	45.057	ug/l	95
83) tert-Butylbenzene	13.441	119	669910	45.354	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	825184	47.273	ug/l	98
85) sec-Butylbenzene	13.617	105	1003824	46.977	ug/l	95
86) p-Isopropyltoluene	13.735	119	833978	48.666	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	399949	42.862	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	402673	43.175	ug/l	97
89) n-Butylbenzene	14.058	91	760314	48.381	ug/l	97
90) Hexachloroethane	14.335	117	139927	46.639	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	384974	43.001	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56759	41.236	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	221795	46.348	ug/l	100
94) Hexachlorobutadiene	15.505	225	86962	43.979	ug/l	96
95) Naphthalene	15.641	128	795059	46.692	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	218176	44.958	ug/l	97

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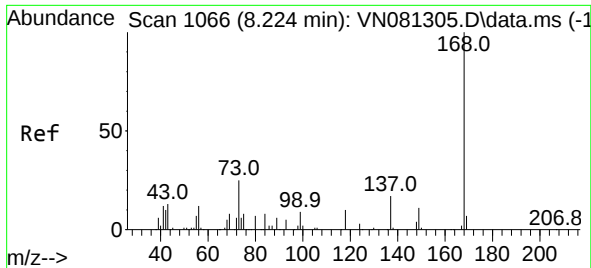
Manual Integrations
APPROVED

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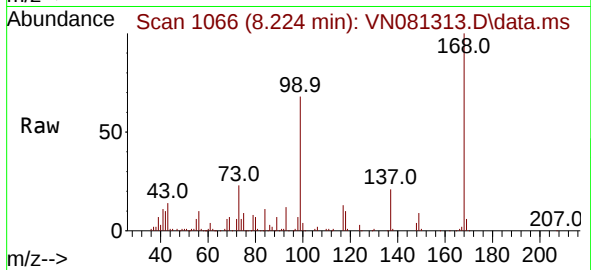
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081313.D
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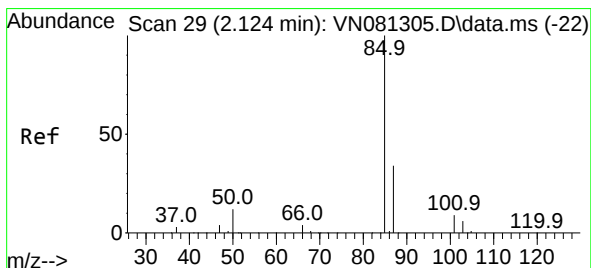
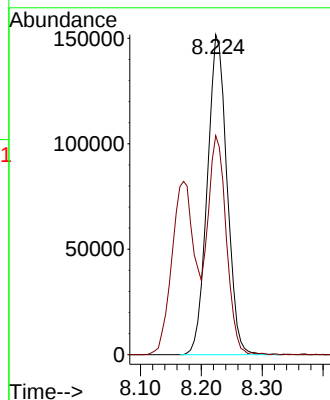
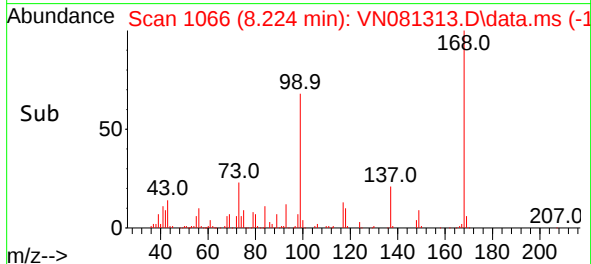
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 340224
Ion Ratio Lower Upper
168 100
99 68.5 59.9 89.9

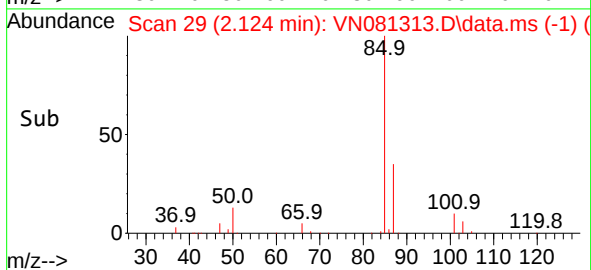
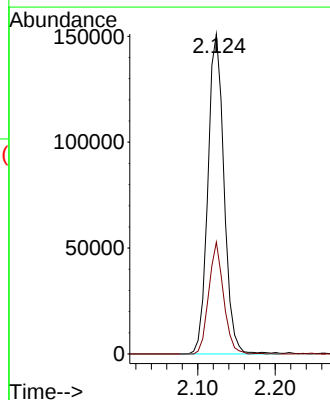
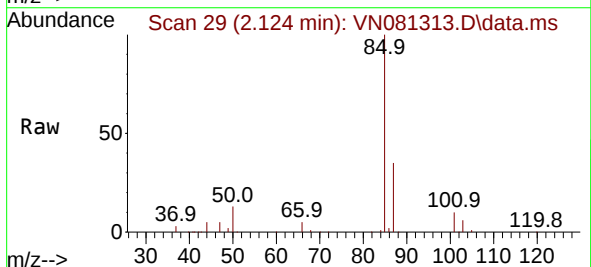
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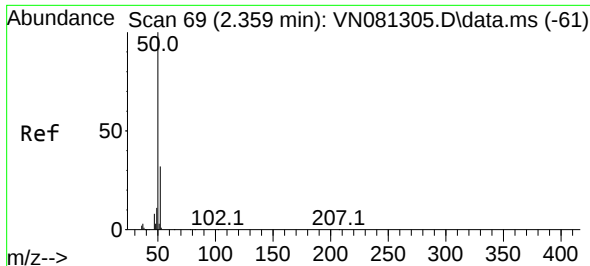
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#2
Dichlorodifluoromethane
Concen: 48.410 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

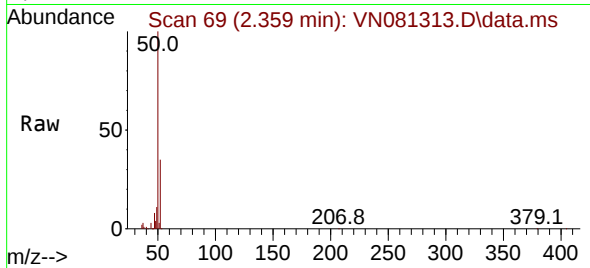
Tgt Ion: 85 Resp: 218331
Ion Ratio Lower Upper
85 100
87 34.9 15.3 45.9





#3
Chloromethane
Concen: 42.370 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

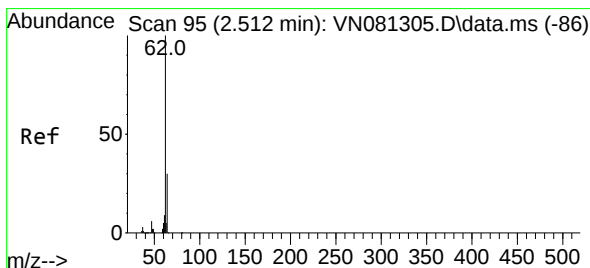
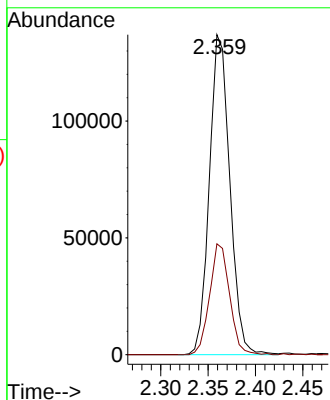
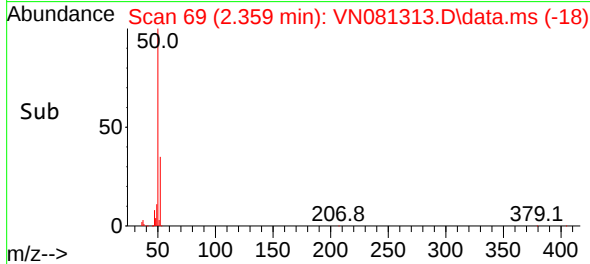
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VSTDCCC050



Tgt Ion: 50 Resp: 206414
Ion Ratio Lower Upper
50 100
52 34.7 25.0 37.4

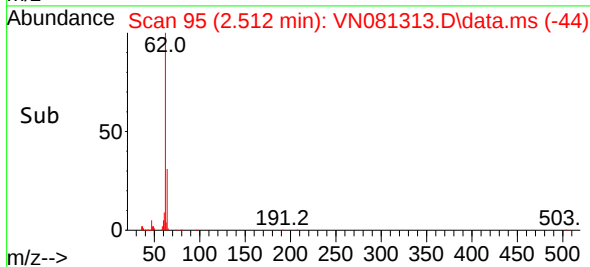
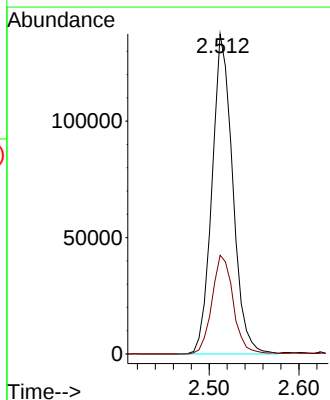
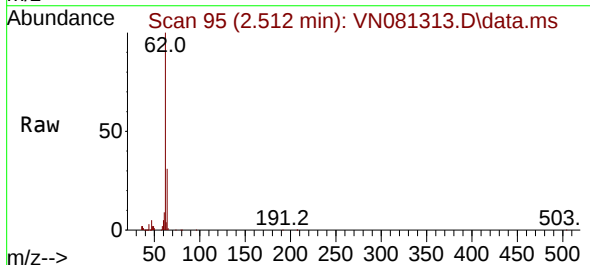
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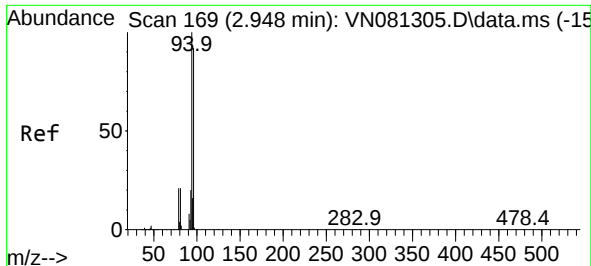
Reviewed By :John Carlone 03/07/2024
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#4
Vinyl Chloride
Concen: 43.253 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Tgt Ion: 62 Resp: 219816
Ion Ratio Lower Upper
62 100
64 30.8 22.7 34.1





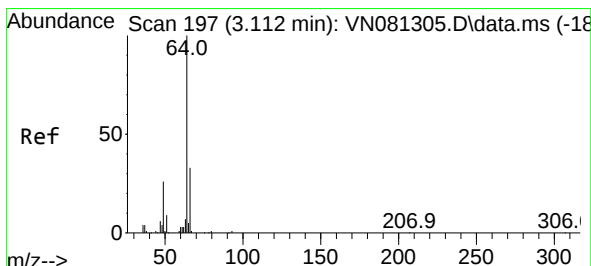
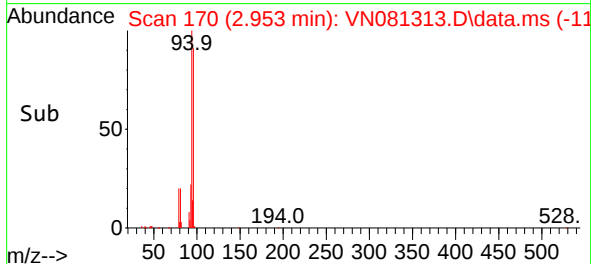
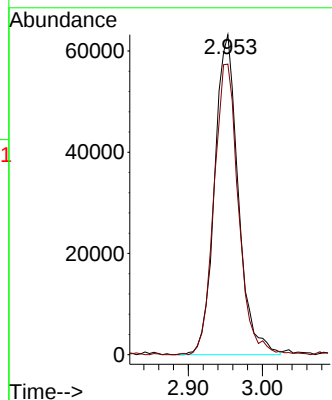
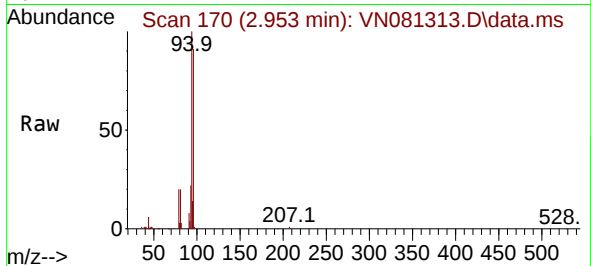
#5
Bromomethane
Concen: 41.253 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Instrument :
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VSTDCCC050

Tgt Ion: 94 Resp: 14002
Ion Ratio Lower Upper
94 100
96 90.5 69.2 103.8

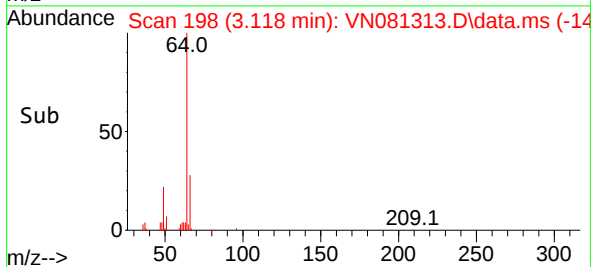
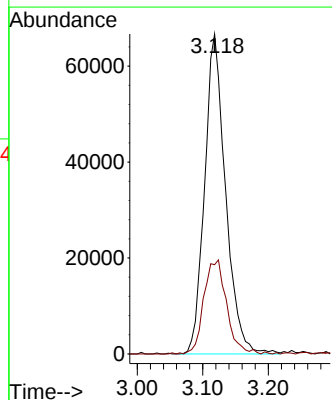
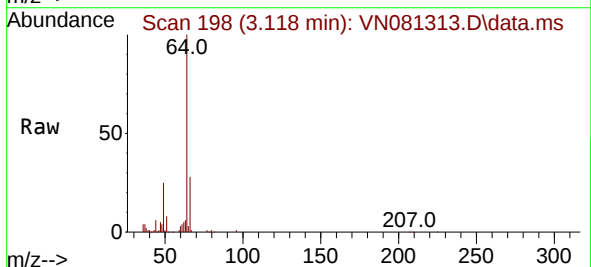
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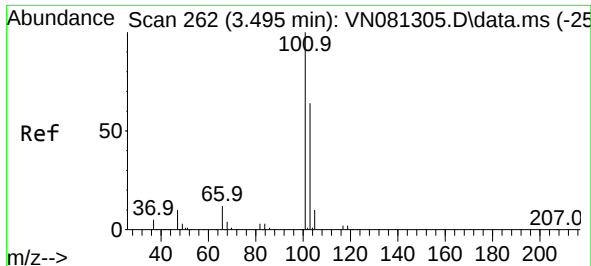
Reviewed By :John Carlone 03/07/2024
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#6
Chloroethane
Concen: 42.539 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Tgt Ion: 64 Resp: 148485
Ion Ratio Lower Upper
64 100
66 27.9 26.4 39.6





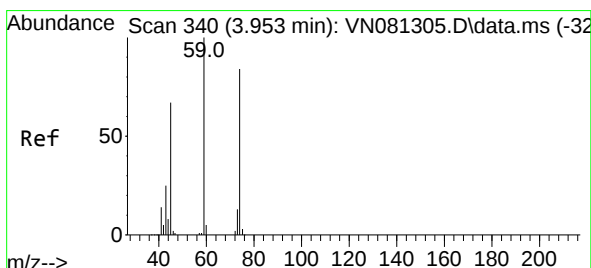
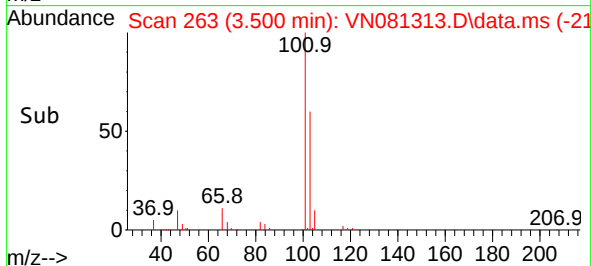
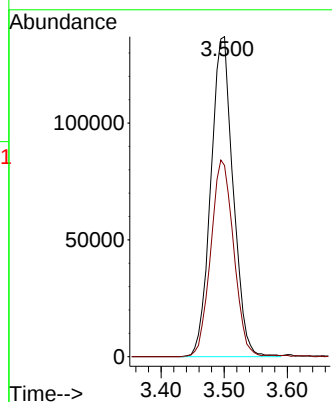
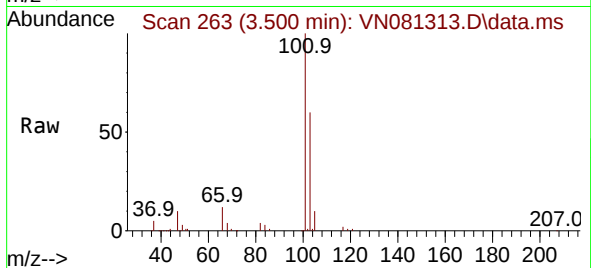
#7
 Trichlorofluoromethane
 Concen: 44.631 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN081313.D
 Acq: 06 Mar 2024 09:30

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 33554
 Ion Ratio Lower Upper
 101 100
 103 59.7 54.4 81.6

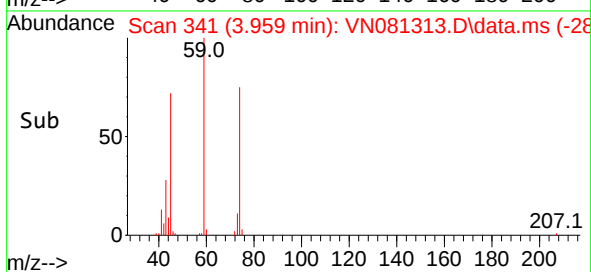
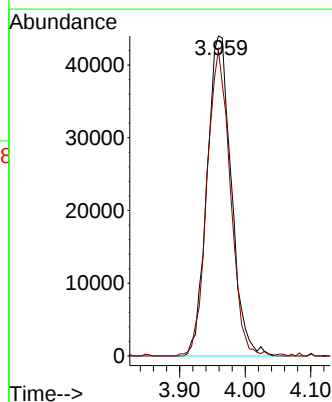
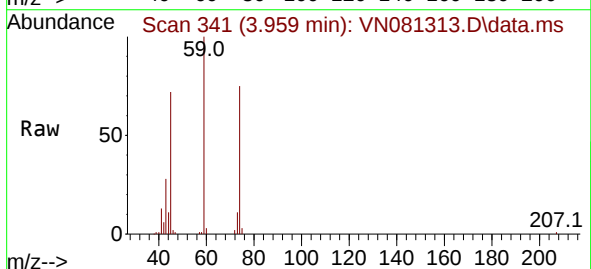
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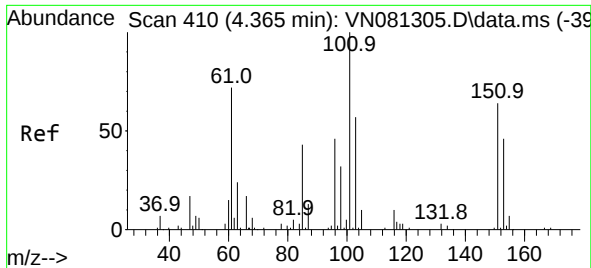
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#8
 Diethyl Ether
 Concen: 42.720 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN081313.D
 Acq: 06 Mar 2024 09:30

Tgt Ion: 74 Resp: 113157
 Ion Ratio Lower Upper
 74 100
 45 91.9 53.3 159.9





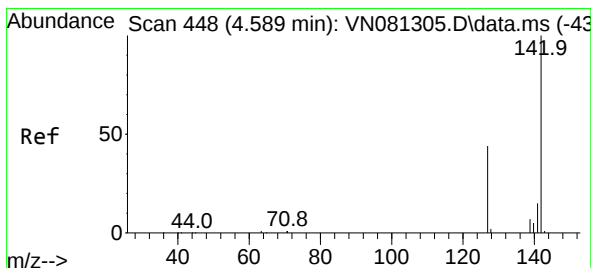
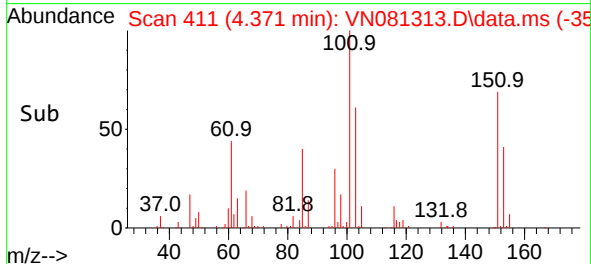
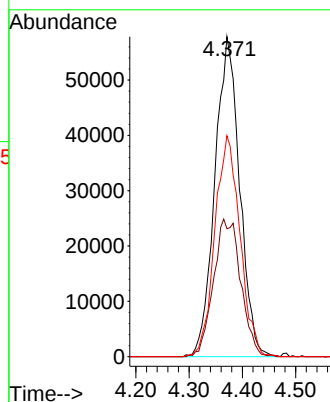
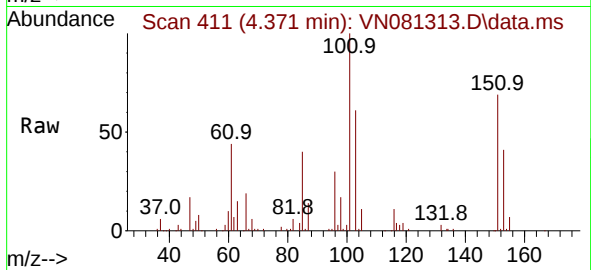
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.629 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050

Tgt Ion:101 Resp: 186790
Ion Ratio Lower Upper
101 100
85 47.2 38.1 57.1
151 70.2 49.1 73.7

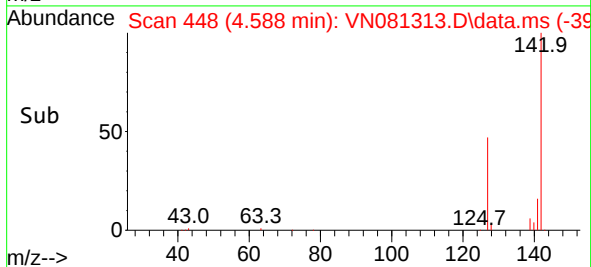
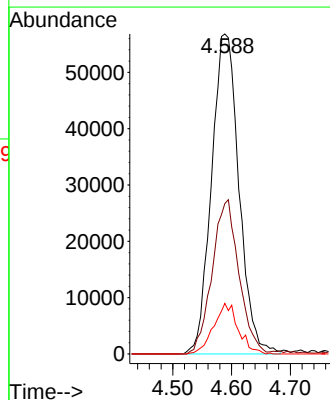
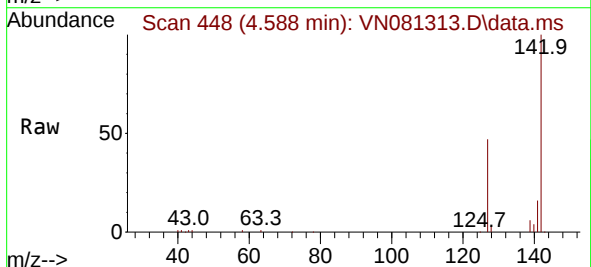
Manual Integrations
APPROVED

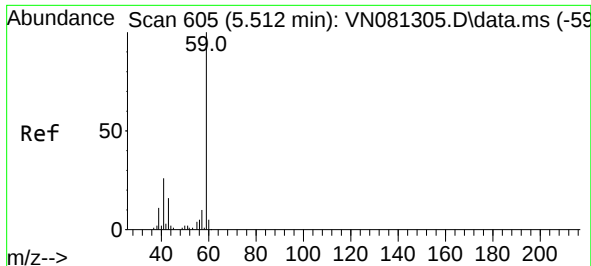
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#10
Methyl Iodide
Concen: 47.040 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

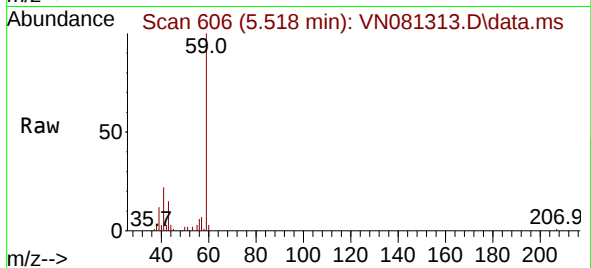
Tgt Ion:142 Resp: 184297
Ion Ratio Lower Upper
142 100
127 47.0 37.0 55.4
141 15.8 12.5 18.7





#11
Tert butyl alcohol
Concen: 199.005 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

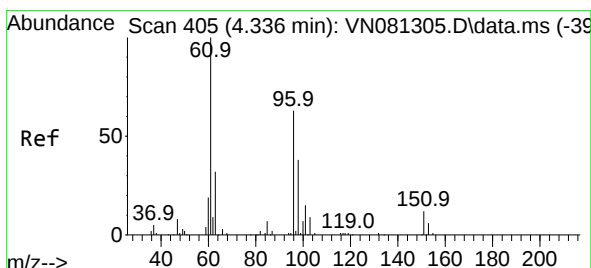
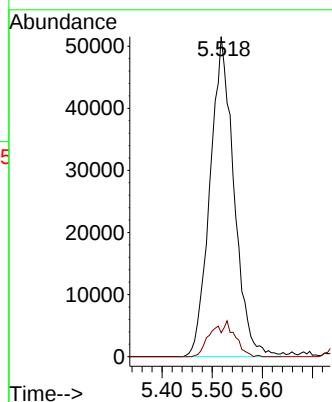
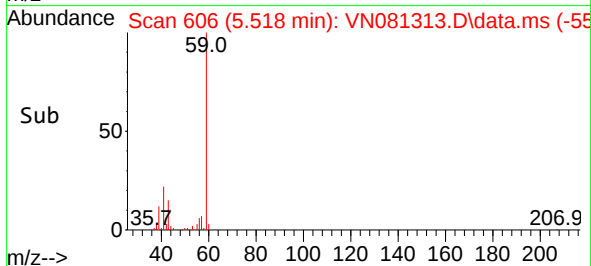
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



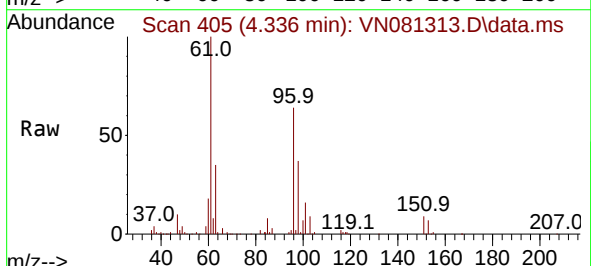
Tgt Ion: 59 Resp: 171178
Ion Ratio Lower Upper
59 100
57 5.6 8.6 12.8

Manual Integrations
APPROVED

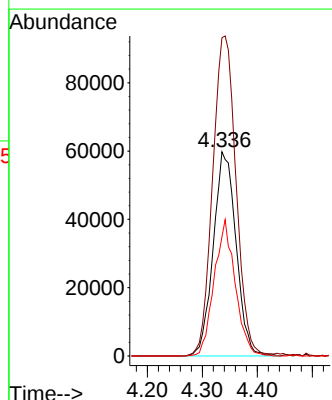
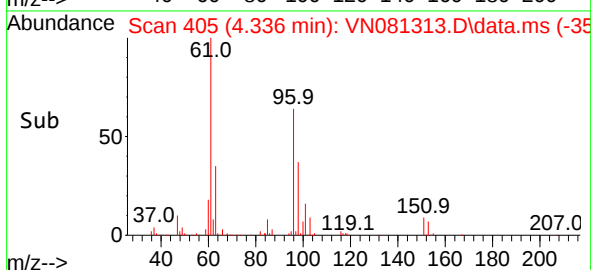
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

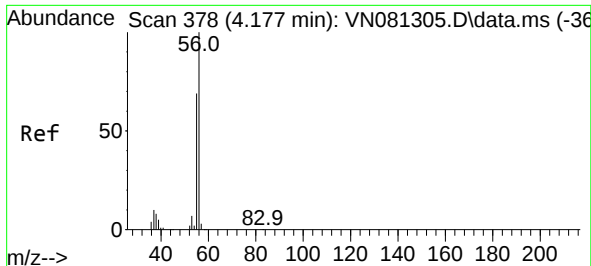


#12
1,1-Dichloroethene
Concen: 43.447 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30



Tgt Ion: 96 Resp: 172263
Ion Ratio Lower Upper
96 100
61 155.9 138.2 207.4
98 58.4 49.2 73.8





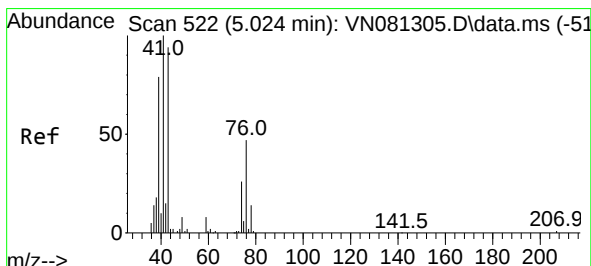
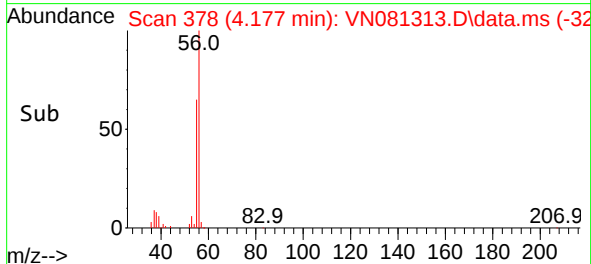
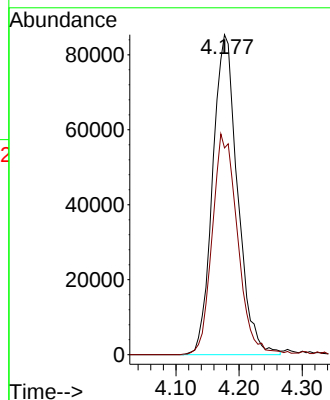
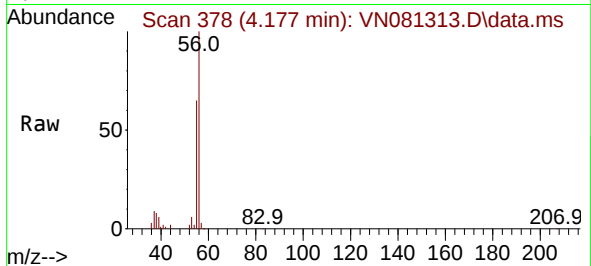
#13
Acrolein
Concen: 229.756 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 23401
Ion Ratio Lower Upper
56 100
55 70.4 55.3 82.9

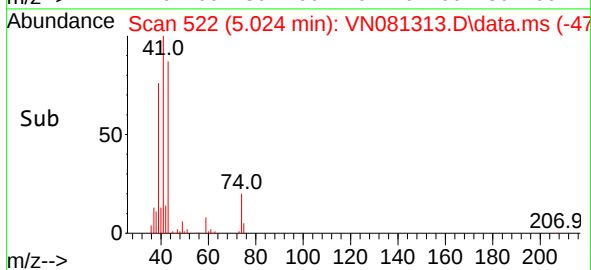
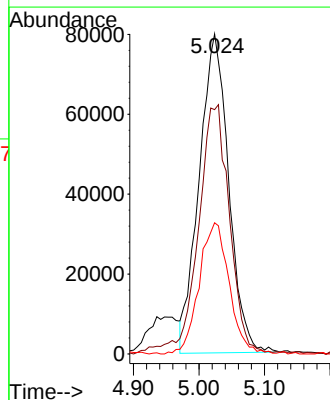
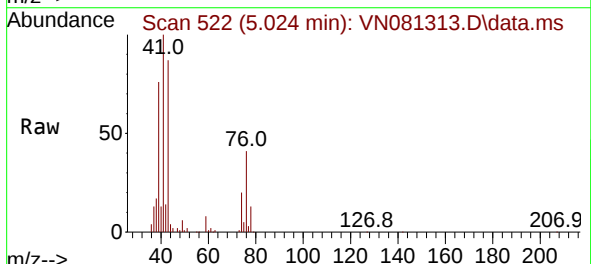
Manual Integrations
APPROVED

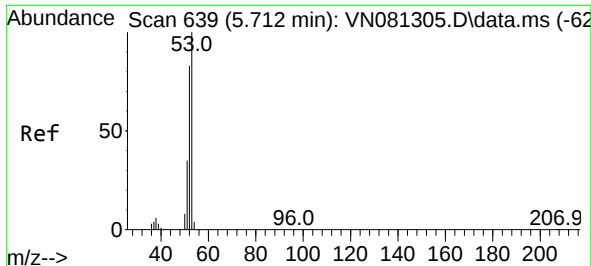
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#14
Allyl chloride
Concen: 42.430 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

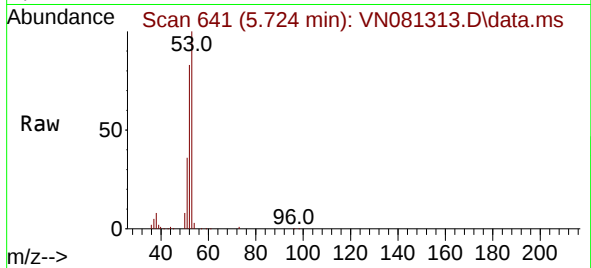
Tgt Ion: 41 Resp: 249667
Ion Ratio Lower Upper
41 100
39 83.3 57.7 86.5
76 41.9 26.8 40.2#





#15
Acrylonitrile
Concen: 214.590 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

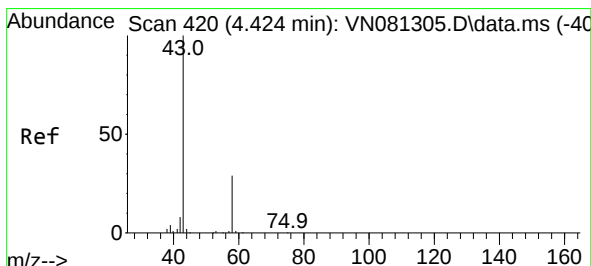
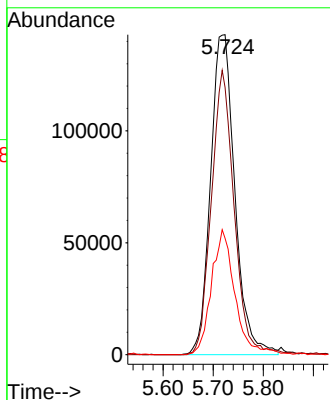
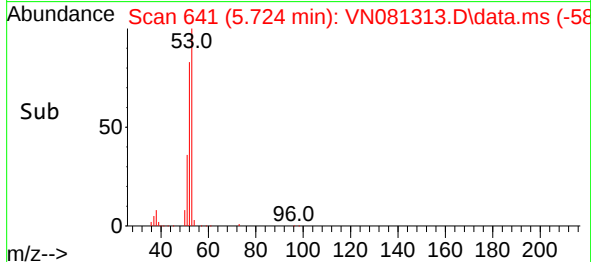
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 482214
Ion Ratio Lower Upper
53 100
52 83.3 64.8 97.2
51 37.7 26.9 40.3

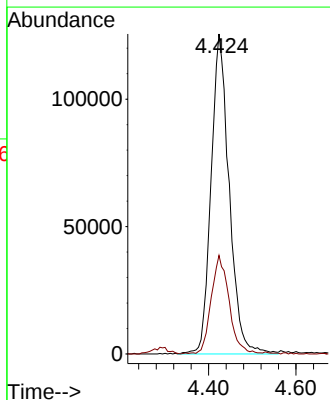
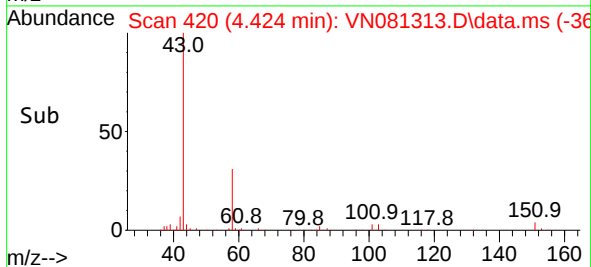
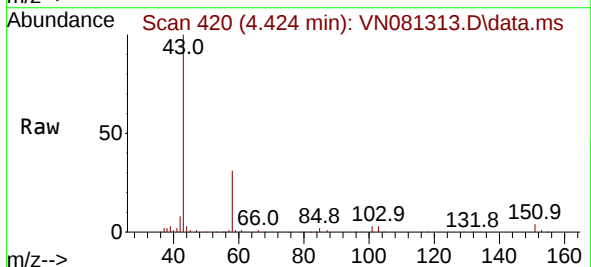
Manual Integrations
APPROVED

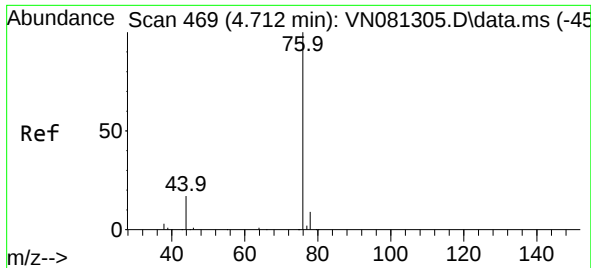
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#16
Acetone
Concen: 207.130 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

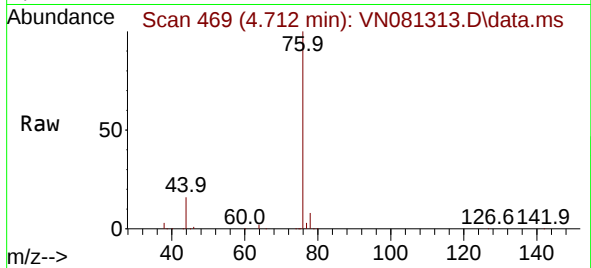
Tgt Ion: 43 Resp: 361011
Ion Ratio Lower Upper
43 100
58 30.6 24.8 37.2





#17
Carbon Disulfide
Concen: 41.958 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

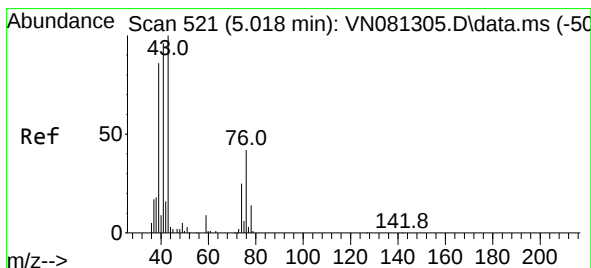
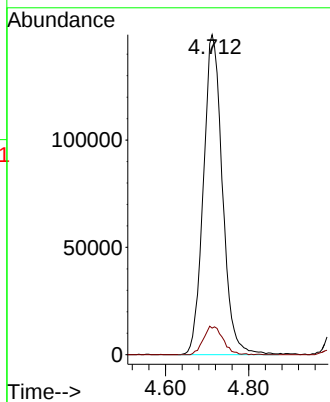
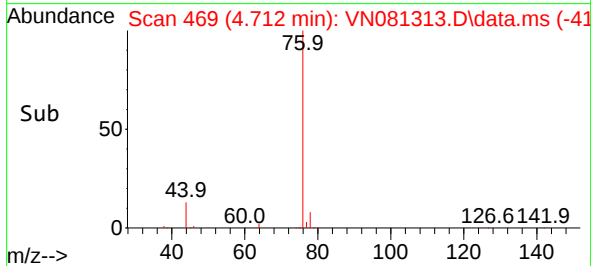
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 47480
Ion Ratio Lower Upper
76 100
78 8.3 6.3 9.5

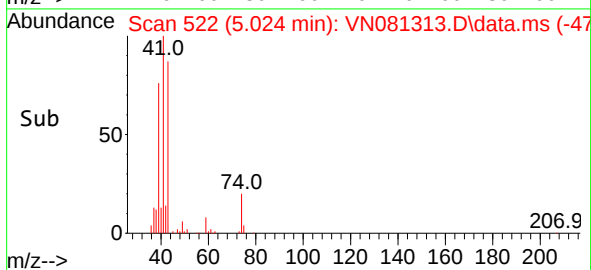
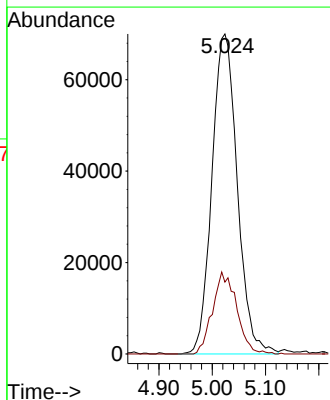
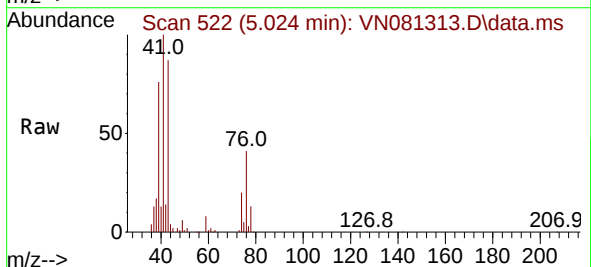
Manual Integrations
APPROVED

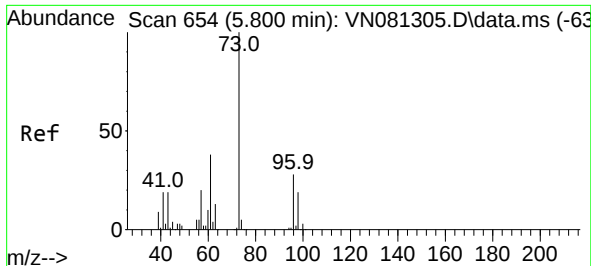
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#18
Methyl Acetate
Concen: 46.447 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Tgt Ion: 43 Resp: 231773
Ion Ratio Lower Upper
43 100
74 24.4 17.3 25.9





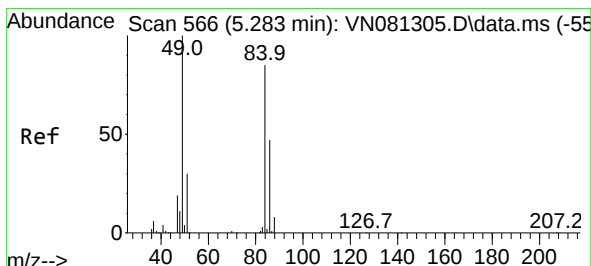
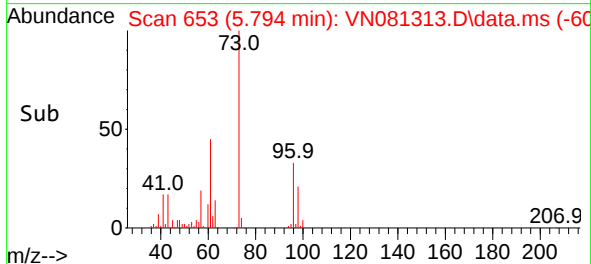
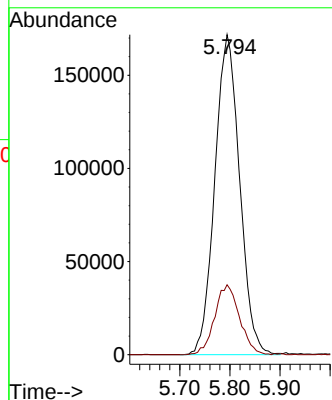
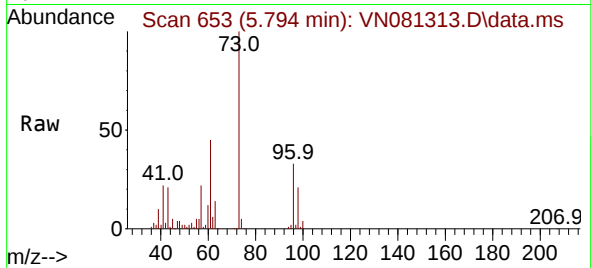
#19
Methyl tert-butyl Ether
Concen: 43.891 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 590215
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.4

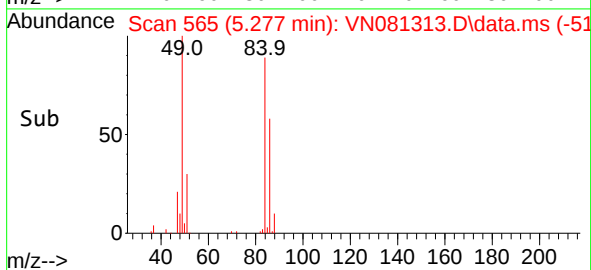
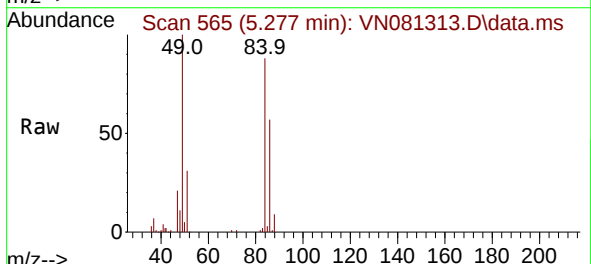
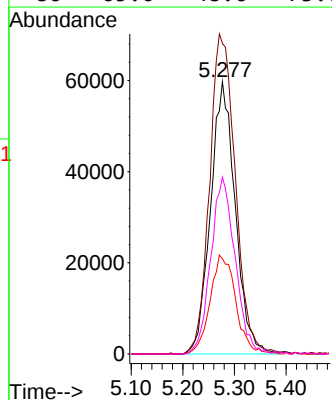
Manual Integrations
APPROVED

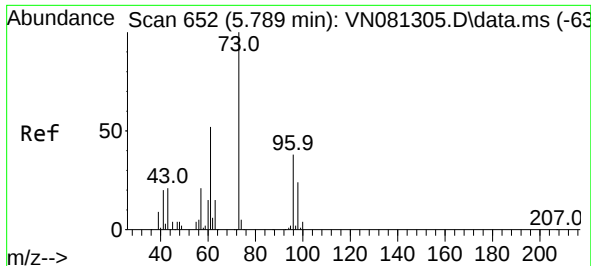
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#20
Methylene Chloride
Concen: 45.973 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

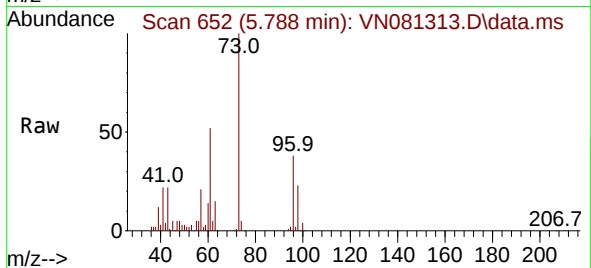
Tgt Ion: 84 Resp: 198248
Ion Ratio Lower Upper
84 100
49 114.1 108.1 162.1
51 35.0 32.9 49.3
86 65.0 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 42.037 ug/l
RT: 5.788 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

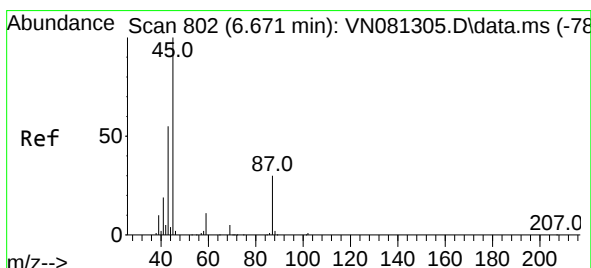
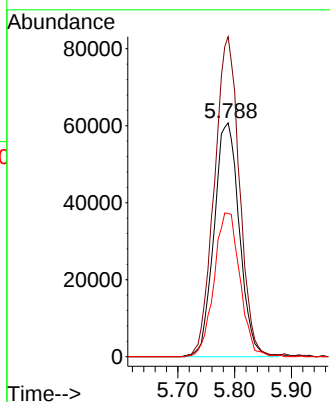
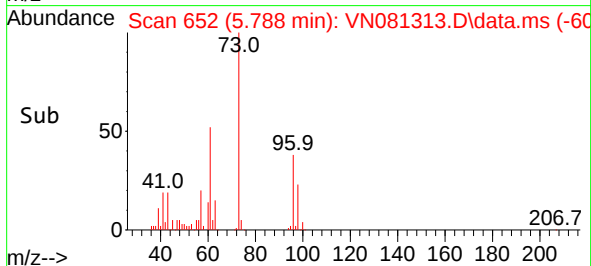
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 187912
Ion Ratio Lower Upper
96 100
61 136.9 112.8 169.2
98 61.3 51.0 76.4

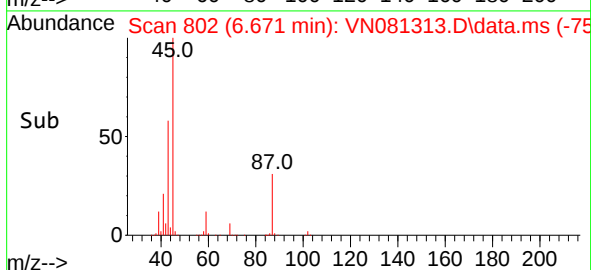
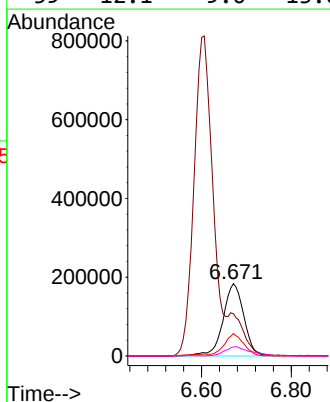
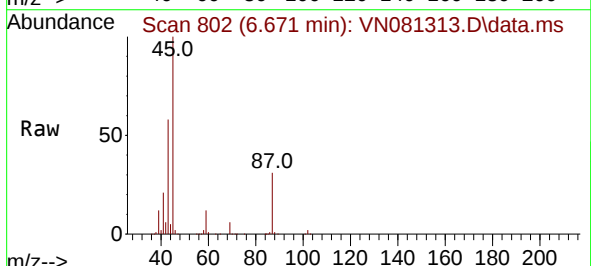
Manual Integrations
APPROVED

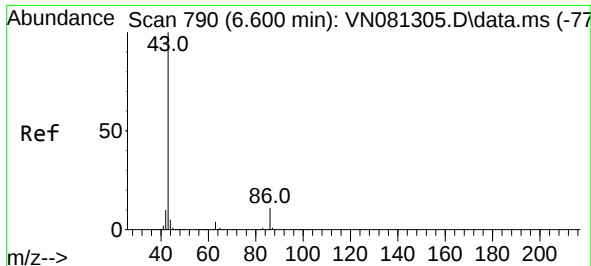
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#22
Diisopropyl ether
Concen: 45.207 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

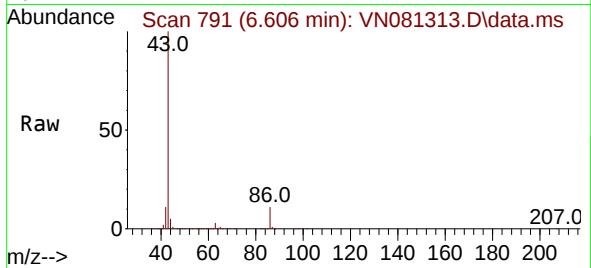
Tgt Ion: 45 Resp: 590827
Ion Ratio Lower Upper
45 100
43 57.1 41.8 62.8
87 30.8 18.1 27.1#
59 12.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 220.970 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081313.D
 Acq: 06 Mar 2024 09:30

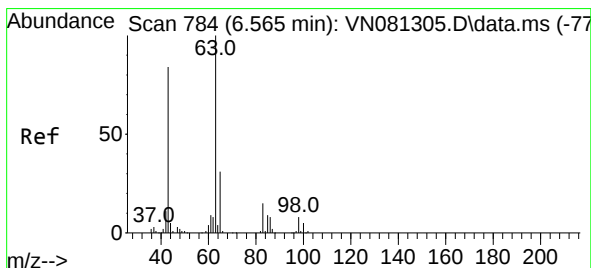
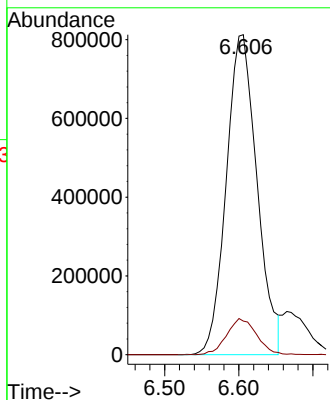
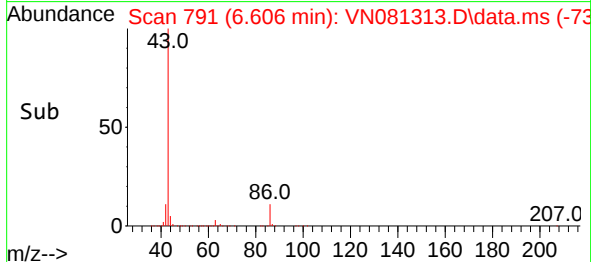
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 234610
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7

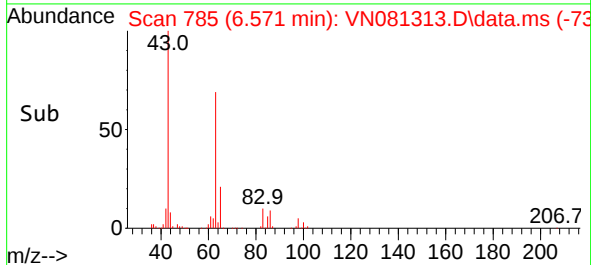
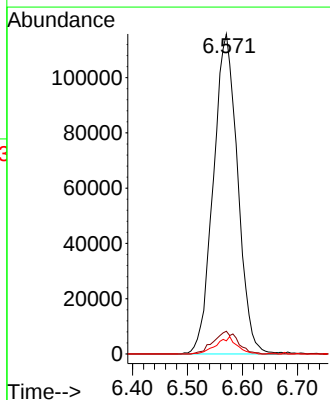
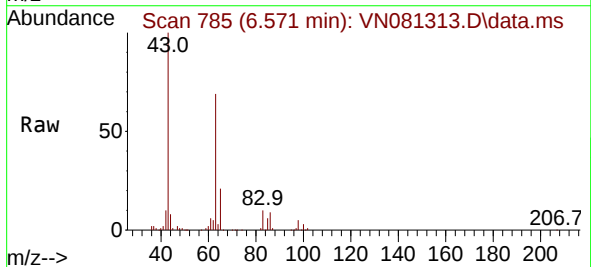
Manual Integrations
 APPROVED

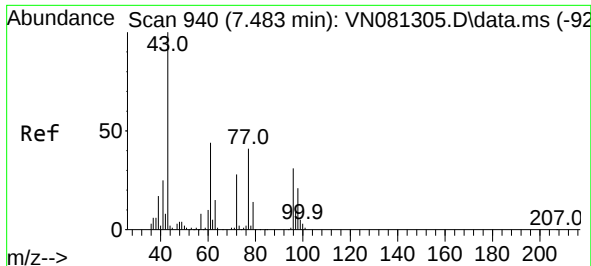
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#24
 1,1-Dichloroethane
 Concen: 44.495 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081313.D
 Acq: 06 Mar 2024 09:30

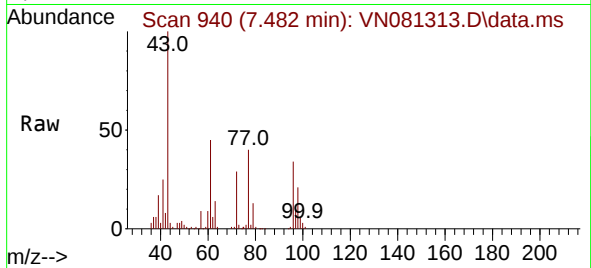
Tgt Ion: 63 Resp: 355969
 Ion Ratio Lower Upper
 63 100
 98 7.1 2.9 8.6
 100 4.1 1.9 5.7





#25
2-Butanone
Concen: 217.335 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

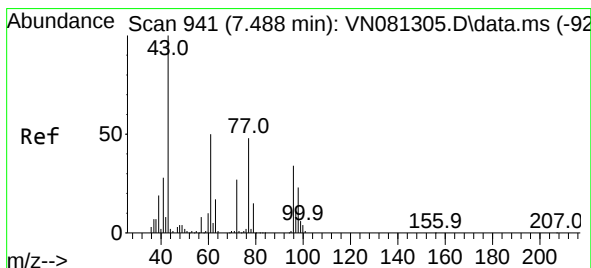
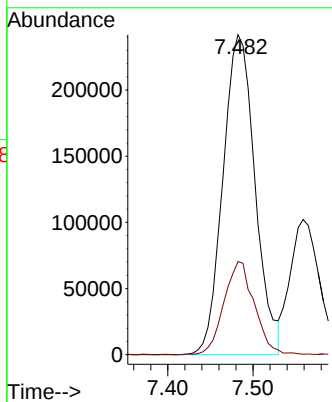
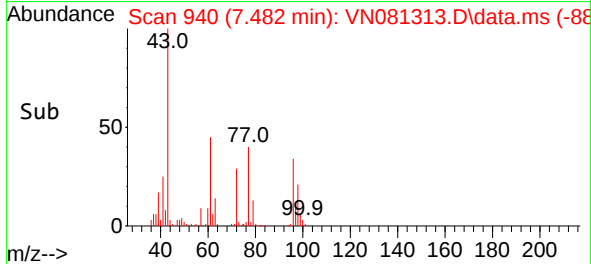
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 634360
Ion Ratio Lower Upper
43 100
72 29.1 19.5 29.3

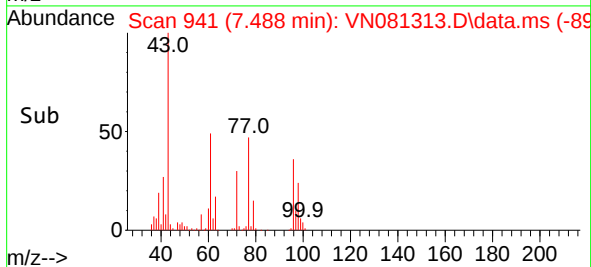
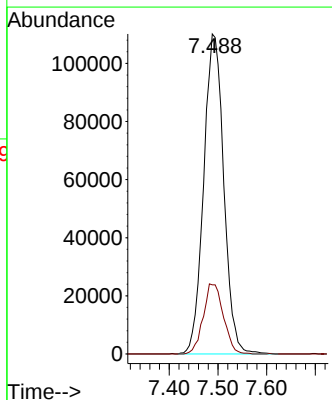
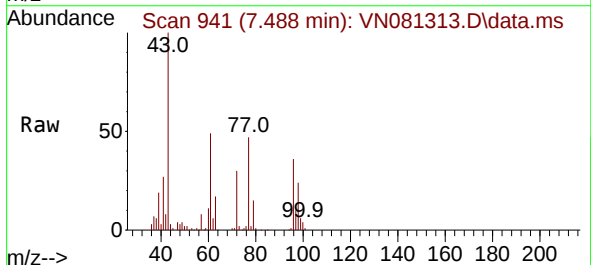
Manual Integrations
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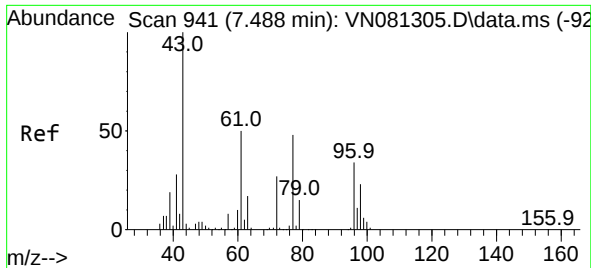
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#26
2,2-Dichloropropane
Concen: 44.489 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

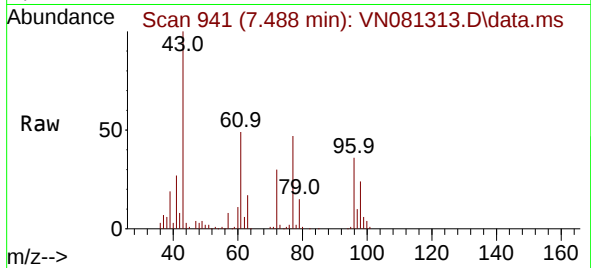
Tgt Ion: 77 Resp: 314571
Ion Ratio Lower Upper
77 100
97 22.0 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 43.678 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081313.D
 Acq: 06 Mar 2024 09:30

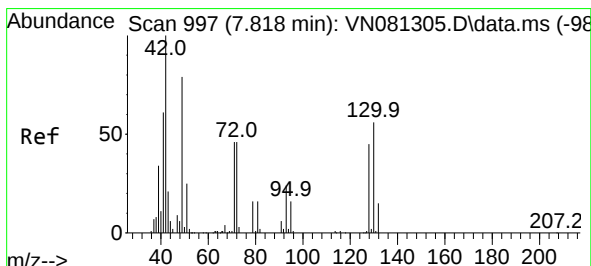
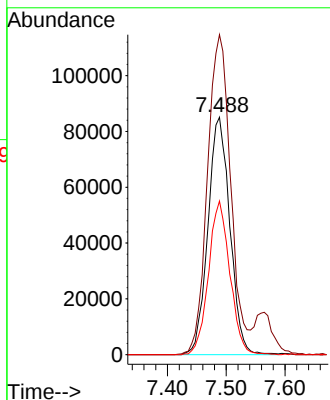
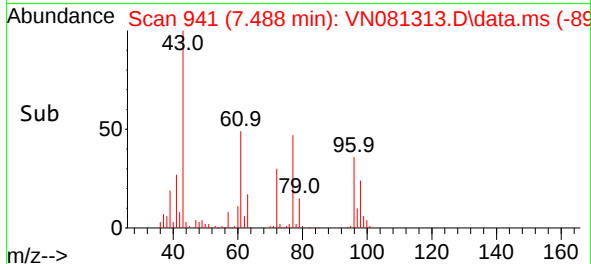
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



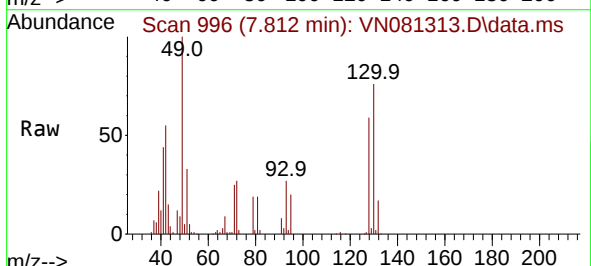
Tgt Ion: 96 Resp: 221362
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 325.4
 98 62.8 0.0 130.4

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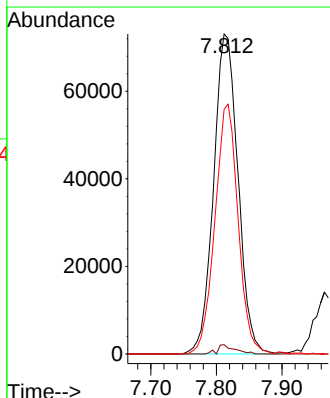
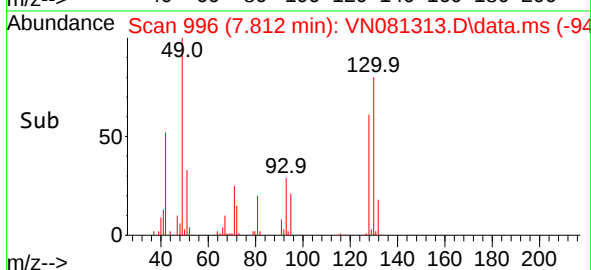
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024

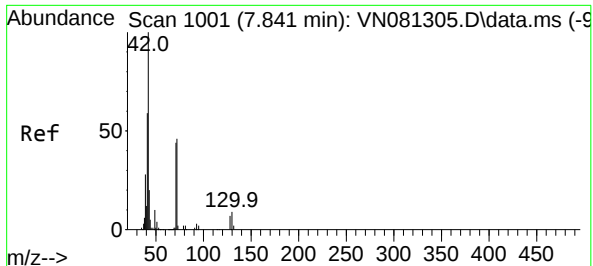


#28
 Bromochloromethane
 Concen: 55.189 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081313.D
 Acq: 06 Mar 2024 09:30



Tgt Ion: 49 Resp: 188923
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 74.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 215.213 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 42835

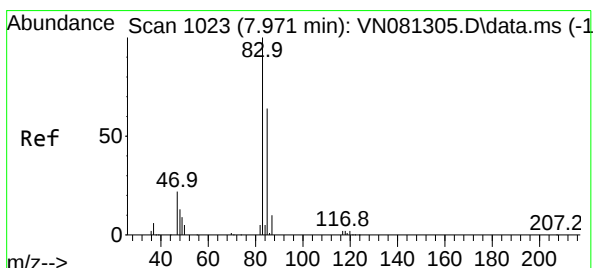
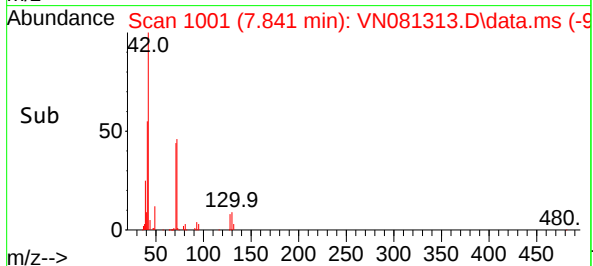
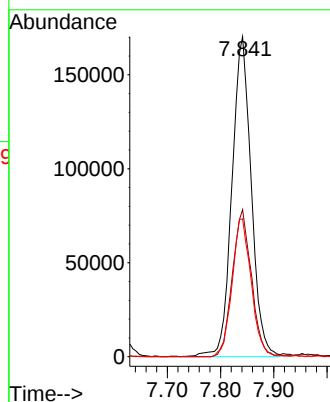
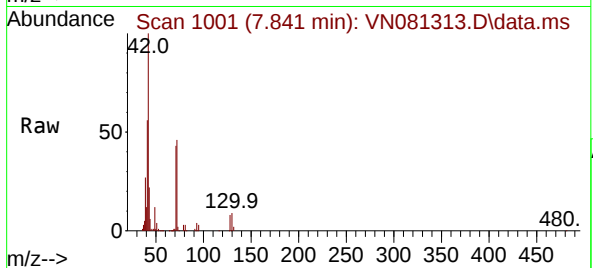
Ion	Ratio	Lower	Upper
42	100		
72	45.3	31.1	46.7
71	42.7	28.3	42.5

Manual Integrations

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Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#30

Chloroform

Concen: 44.762 ug/l

RT: 7.965 min Scan# 1022

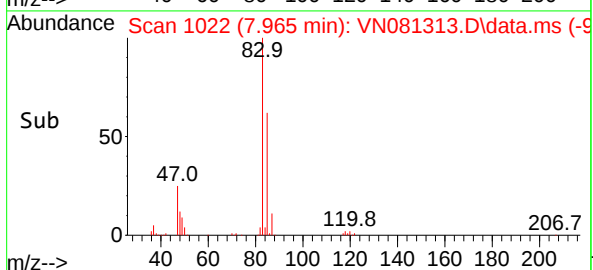
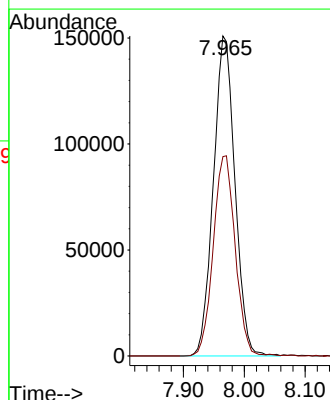
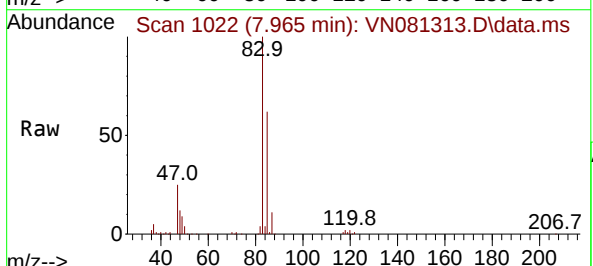
Delta R.T. -0.006 min

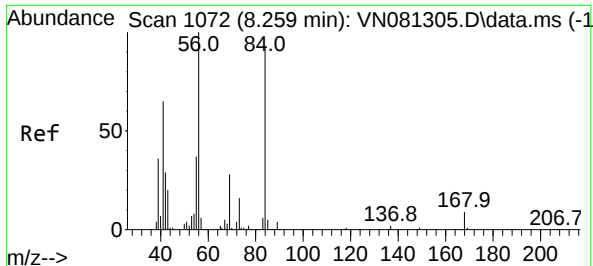
Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Tgt Ion: 83 Resp: 371615

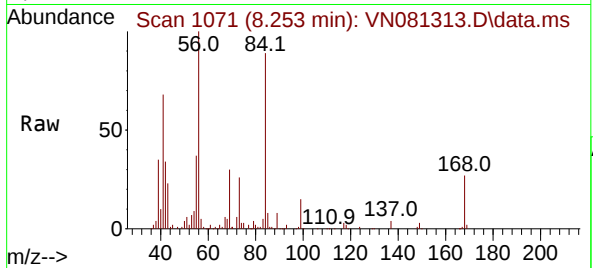
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.0	76.6





#31
Cyclohexane
Concen: 41.841 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

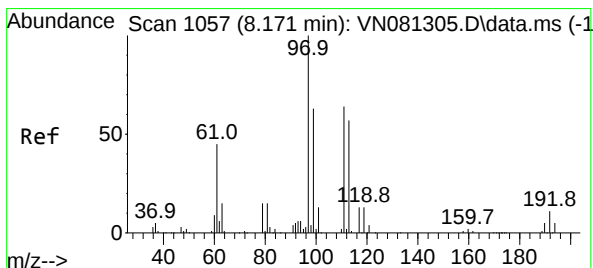
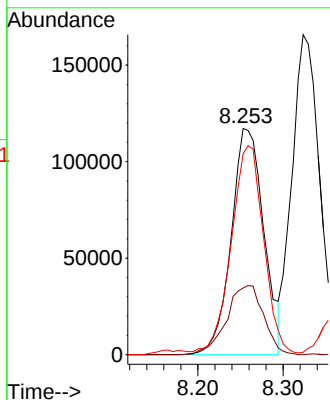
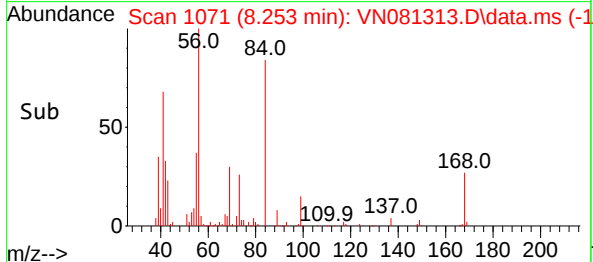
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 311610
Ion Ratio Lower Upper
56 100
69 29.5 20.1 30.1
84 86.8 56.9 85.3

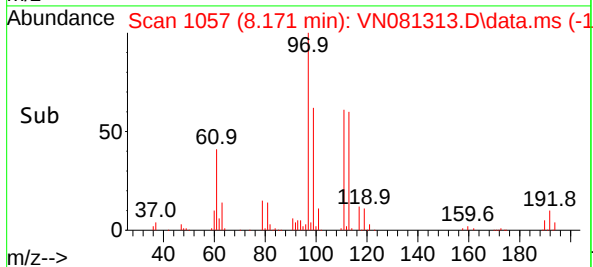
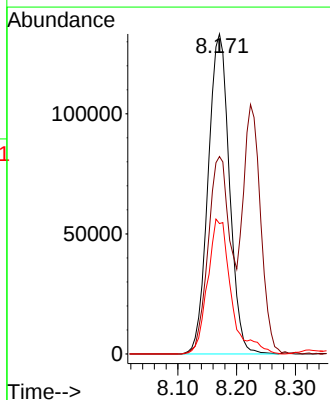
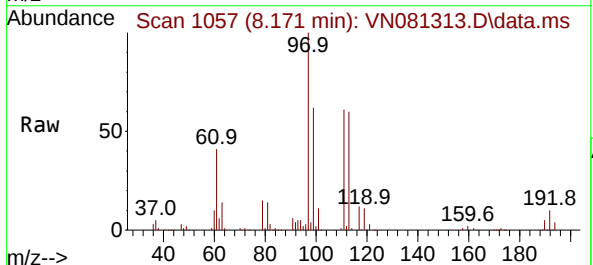
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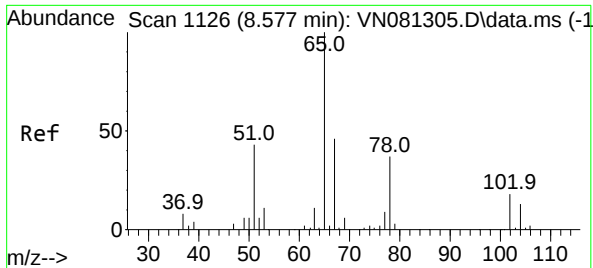
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#32
1,1,1-Trichloroethane
Concen: 45.687 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Tgt Ion: 97 Resp: 335268
Ion Ratio Lower Upper
97 100
99 64.6 53.4 80.0
61 46.4 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 49.468 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 24334

Ion Ratio Lower Upper

65 100

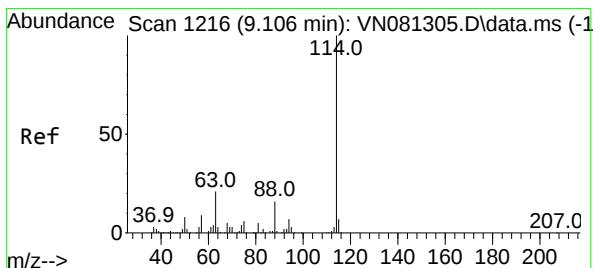
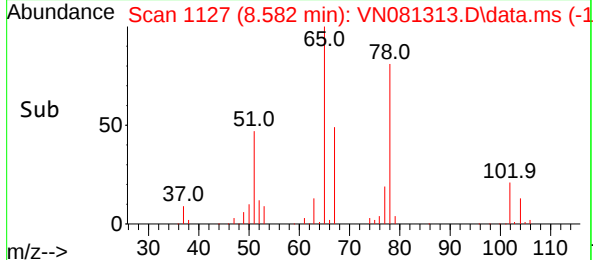
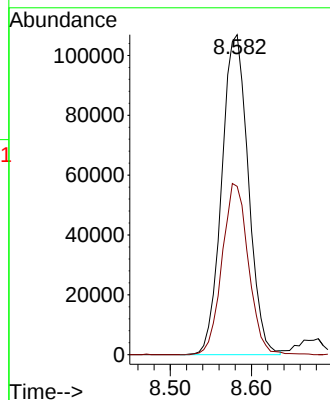
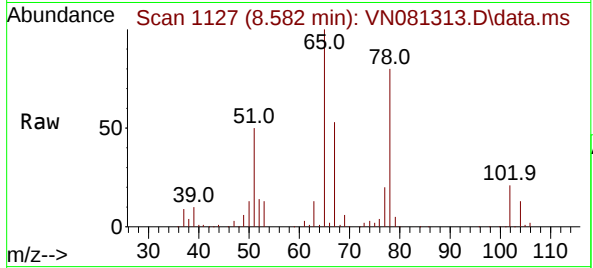
67 53.1 0.0 102.4

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Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

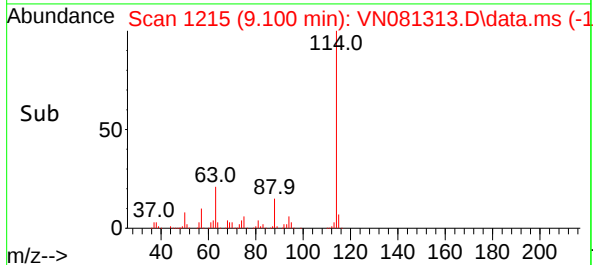
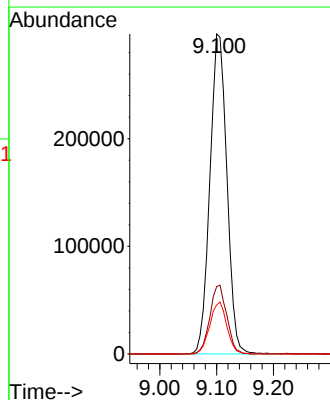
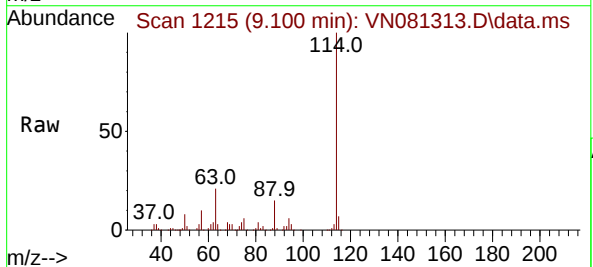
Tgt Ion:114 Resp: 615218

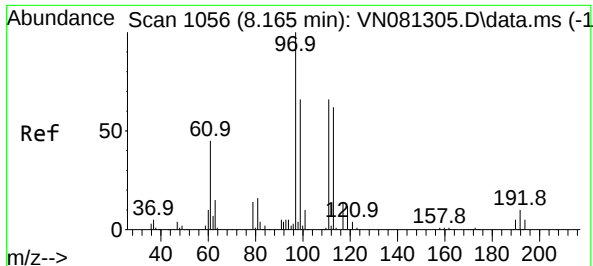
Ion Ratio Lower Upper

114 100

63 21.1 0.0 48.0

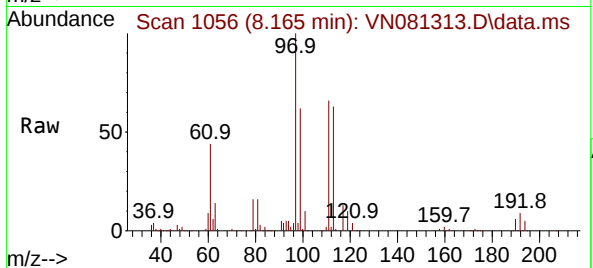
88 15.3 0.0 34.8





#35
Dibromofluoromethane
Concen: 52.436 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

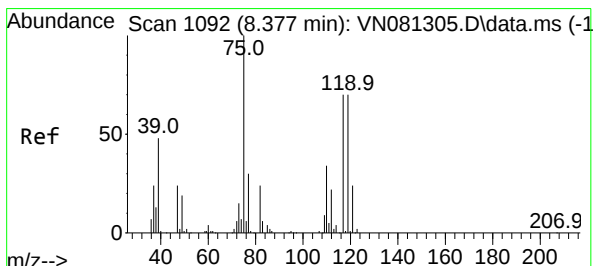
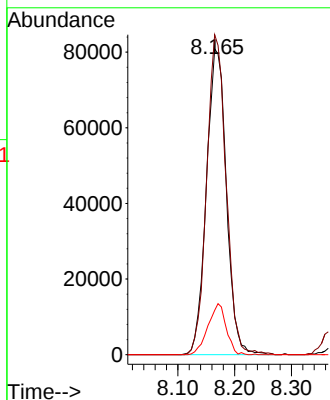
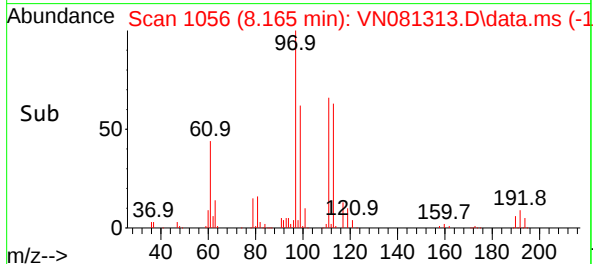
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



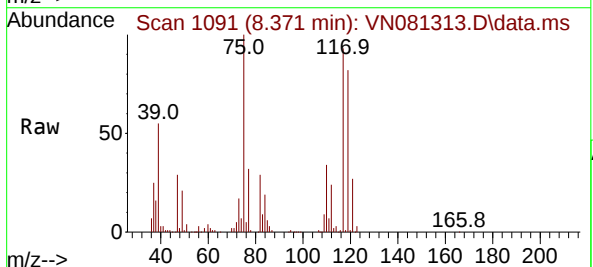
Tgt Ion:113 Resp: 19764
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 15.2 12.5 18.7

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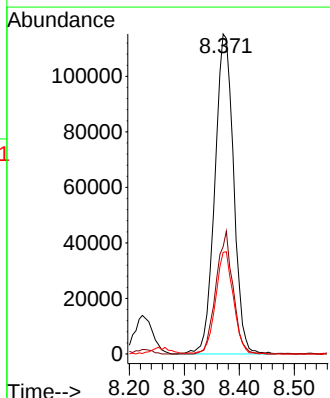
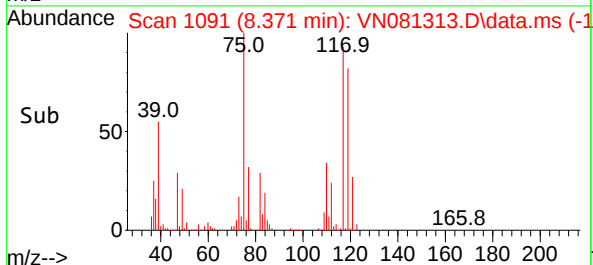
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

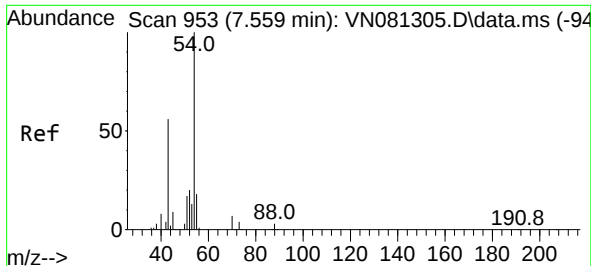


#36
1,1-Dichloropropene
Concen: 45.037 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30



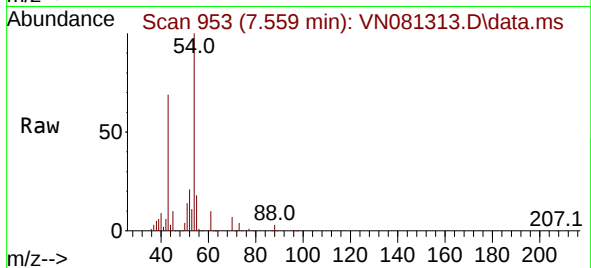
Tgt Ion: 75 Resp: 273866
Ion Ratio Lower Upper
75 100
110 34.8 16.0 48.0
77 30.4 25.8 38.6





#37
Ethyl Acetate
Concen: 41.729 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

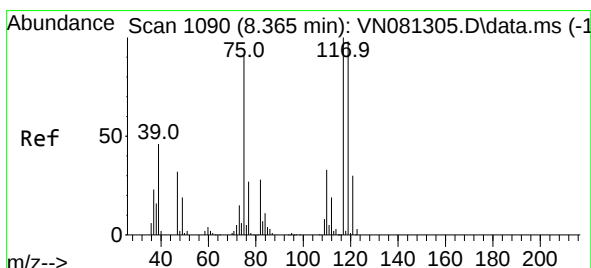
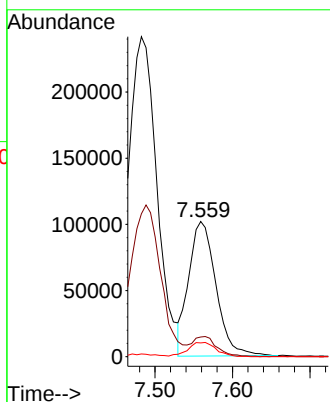
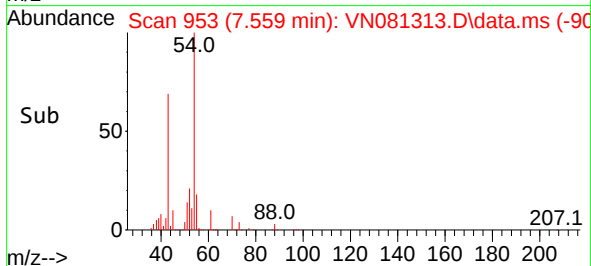
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 248052
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 11.0 8.0 12.0

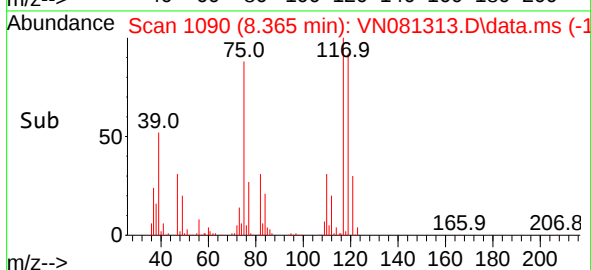
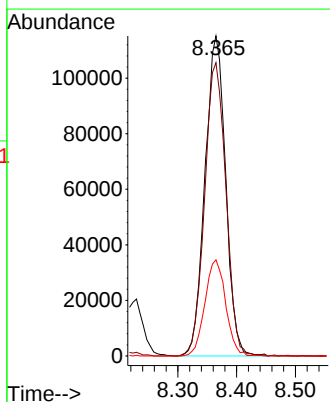
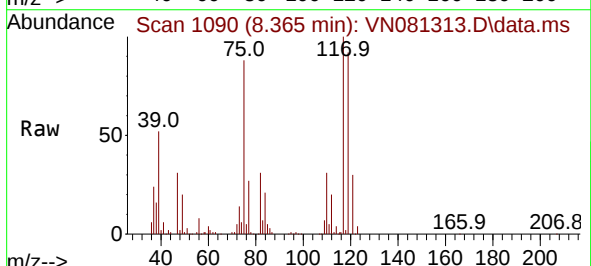
Manual Integrations
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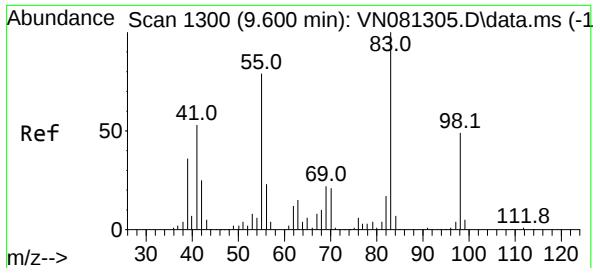
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#38
Carbon Tetrachloride
Concen: 46.021 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Tgt Ion:117 Resp: 281653
Ion Ratio Lower Upper
117 100
119 91.7 73.4 110.2
121 30.0 24.4 36.6





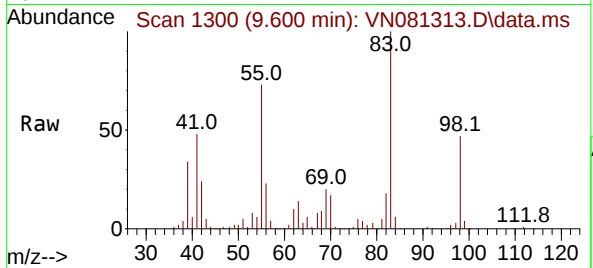
#39
Methylcyclohexane
Concen: 47.358 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



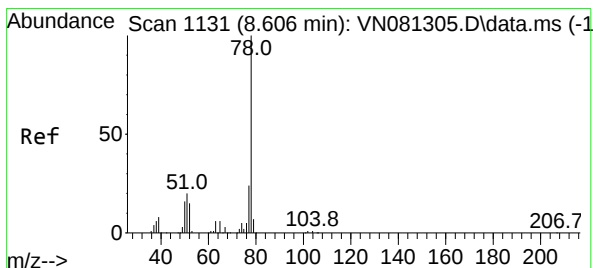
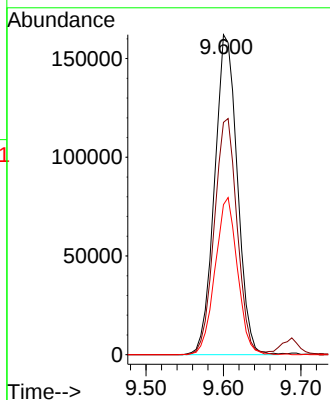
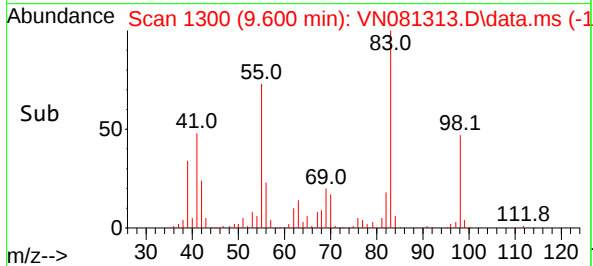
Tgt Ion: 83 Resp: 33142
Ion Ratio Lower Upper
83 100
55 72.6 65.7 98.5
98 46.9 33.8 50.6

Manual Integrations

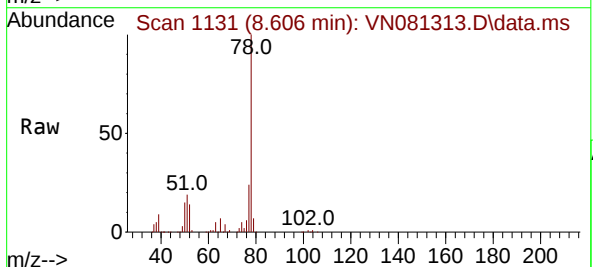
APPROVED

Reviewed By :John Carlone 03/07/2024

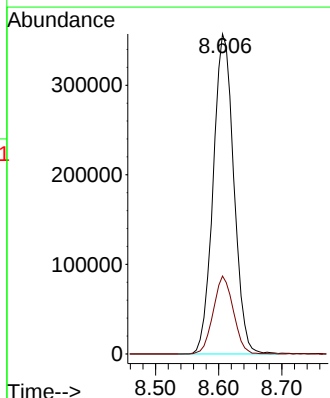
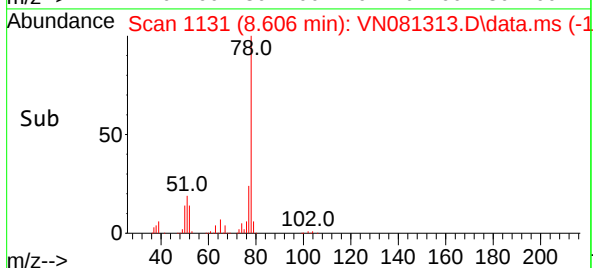
Supervised By :Mahesh Dadoda 03/07/2024

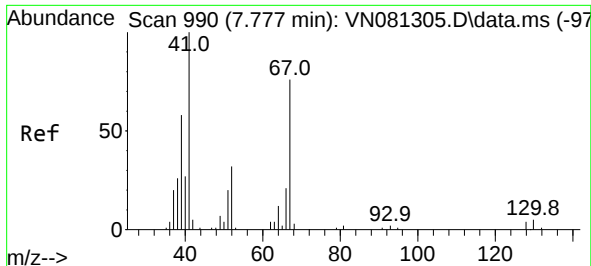


#40
Benzene
Concen: 44.615 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30



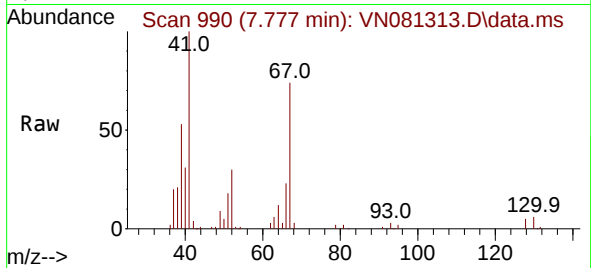
Tgt Ion: 78 Resp: 809789
Ion Ratio Lower Upper
78 100
77 24.3 20.4 30.6





#41
Methacrylonitrile
Concen: 40.693 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

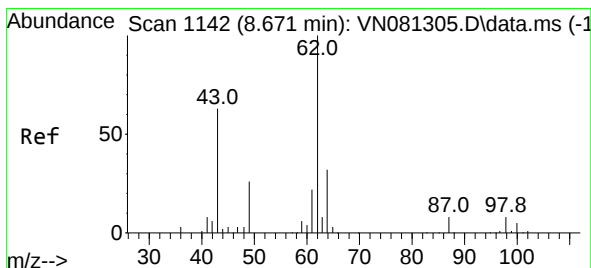
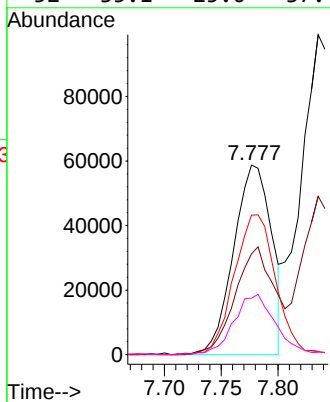
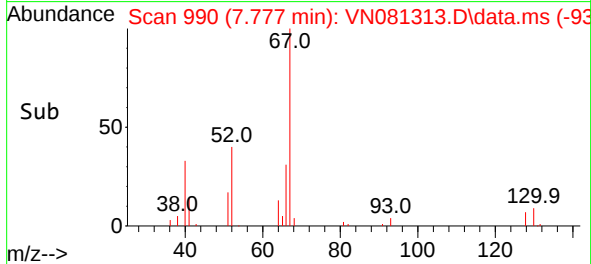
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 13660
Ion Ratio Lower Upper
41 100
39 59.1 48.4 72.6
67 81.2 56.8 85.2
52 35.1 25.0 37.4

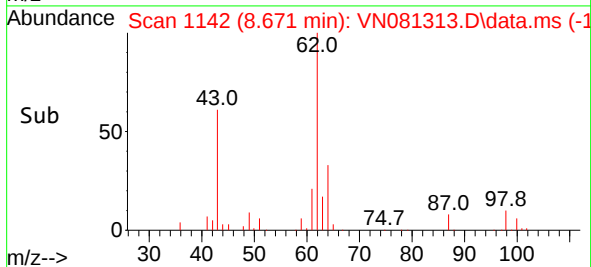
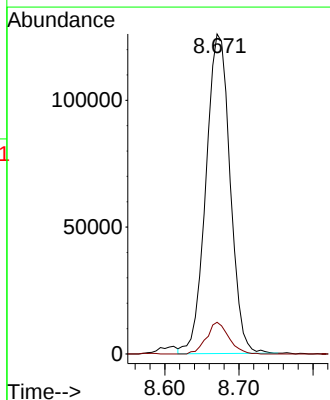
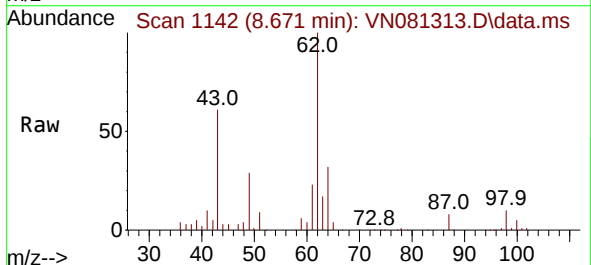
Manual Integrations
APPROVED

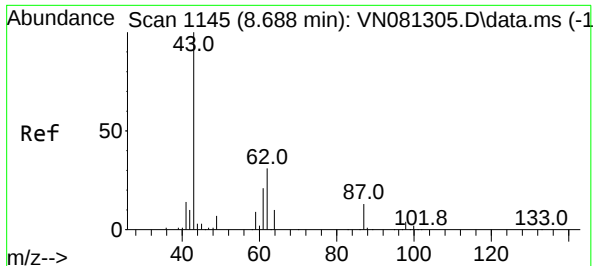
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#42
1,2-Dichloroethane
Concen: 44.596 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Tgt Ion: 62 Resp: 285402
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.0





#43

Isopropyl Acetate

Concen: 42.173 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 438778

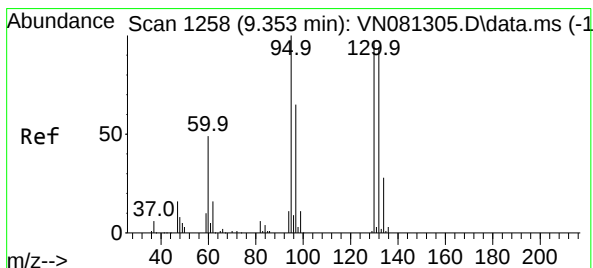
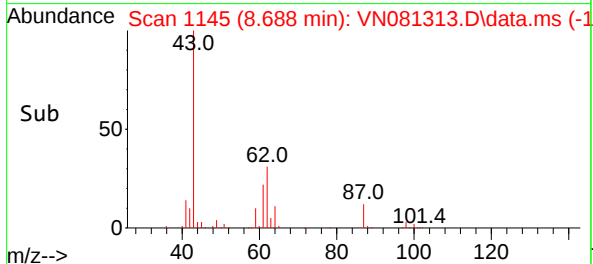
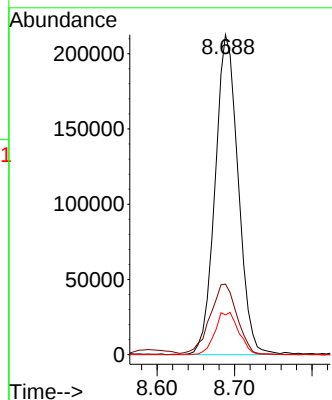
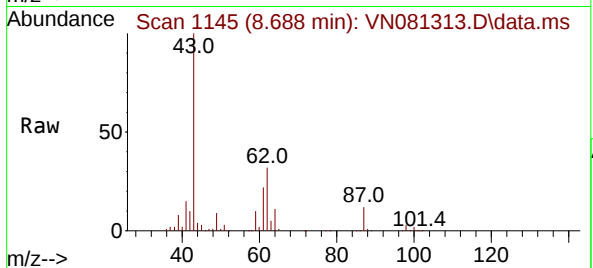
Ion	Ratio	Lower	Upper
43	100		
61	26.1	19.9	29.9
87	13.8	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#44

Trichloroethene

Concen: 44.627 ug/l

RT: 9.353 min Scan# 1258

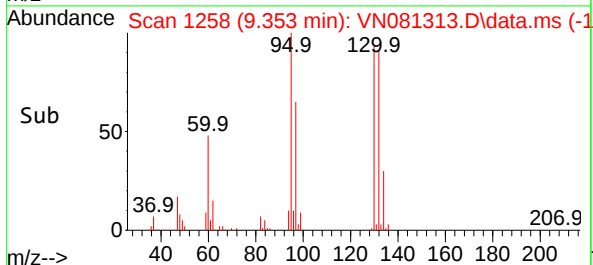
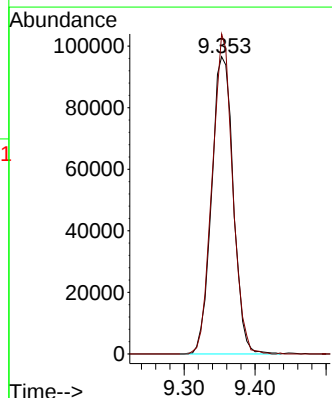
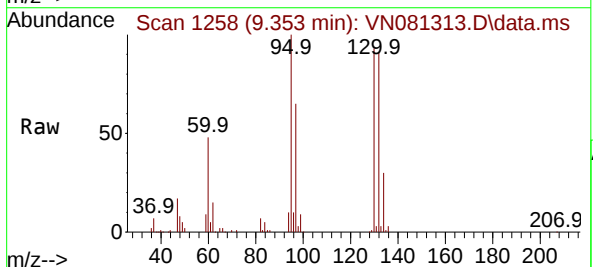
Delta R.T. -0.000 min

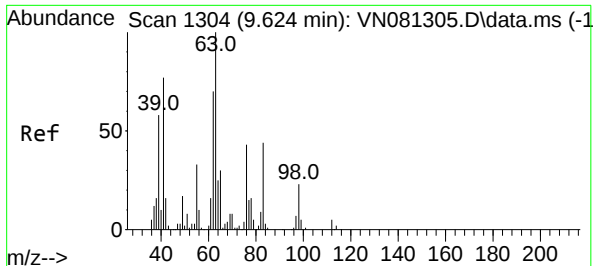
Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Tgt Ion:130 Resp: 204296

Ion	Ratio	Lower	Upper
130	100		
95	107.6	0.0	210.4





#45

1,2-Dichloropropane

Concen: 45.010 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 205230

Ion Ratio Lower Upper

63 100

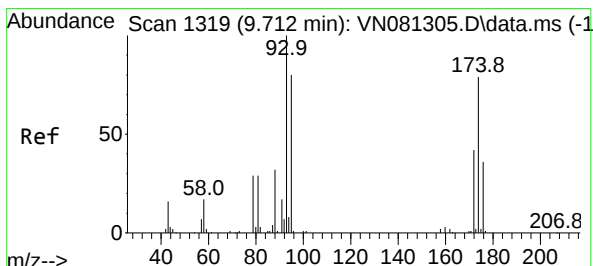
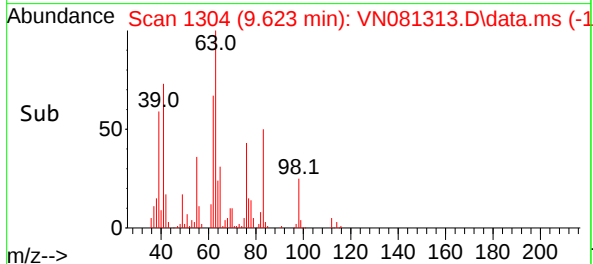
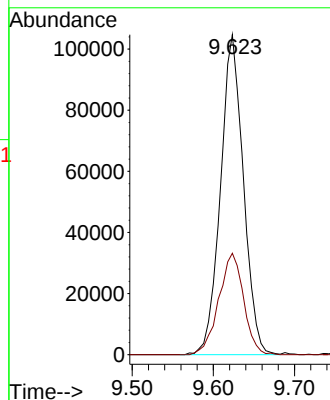
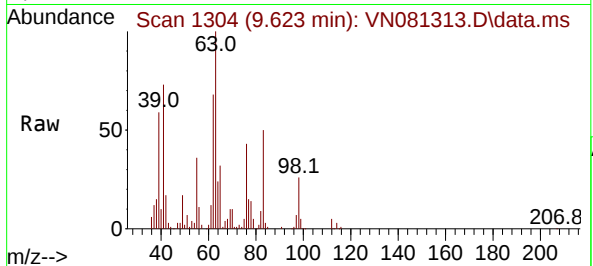
65 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#46

Dibromomethane

Concen: 45.310 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

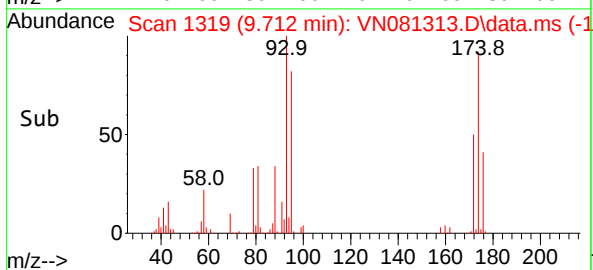
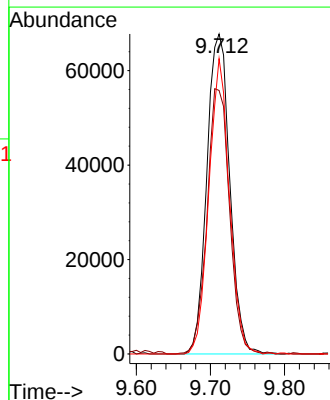
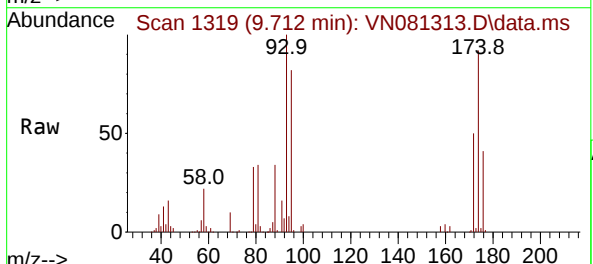
Tgt Ion: 93 Resp: 145623

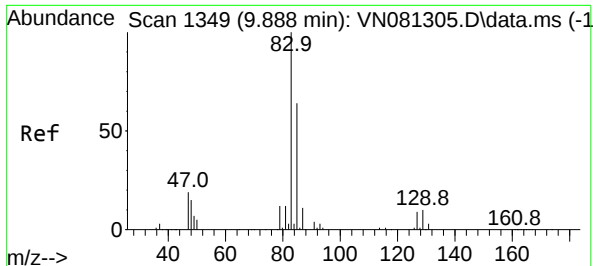
Ion Ratio Lower Upper

93 100

95 81.4 68.1 102.1

174 82.7 57.2 85.8





#47

Bromodichloromethane

Concen: 45.827 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 285925

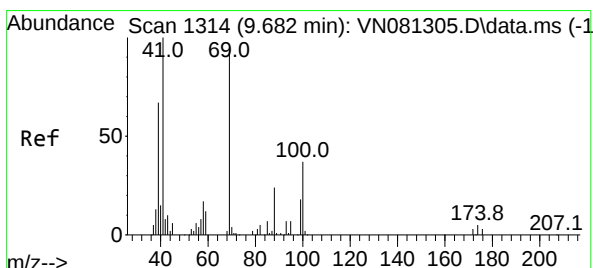
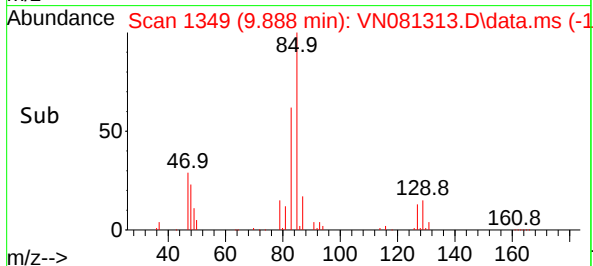
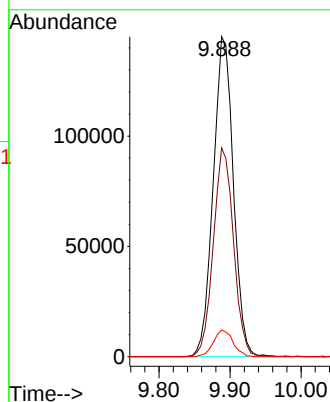
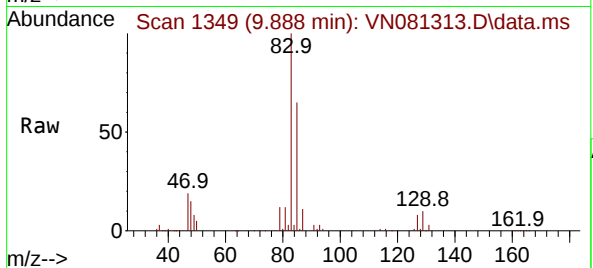
Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.3	78.5
127	8.4	4.6	7.0

Manual Integrations

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Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#48

Methyl methacrylate

Concen: 44.411 ug/l

RT: 9.682 min Scan# 1314

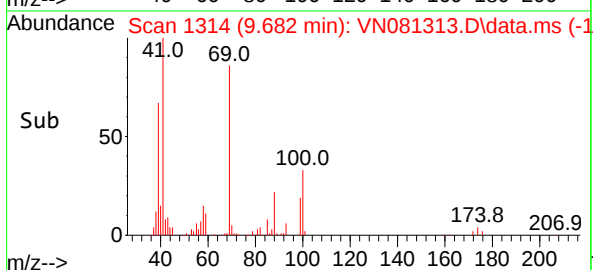
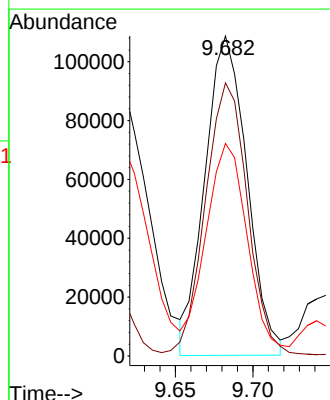
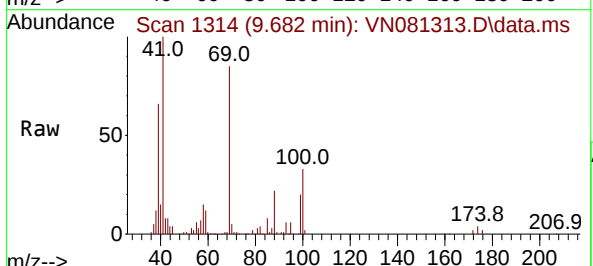
Delta R.T. -0.000 min

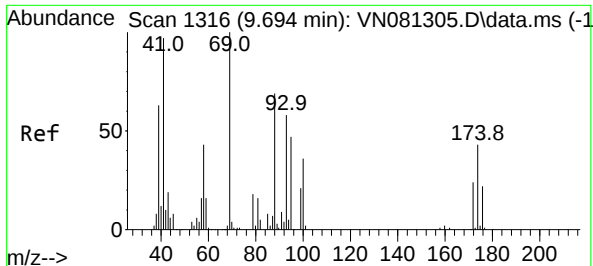
Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Tgt Ion: 41 Resp: 204243

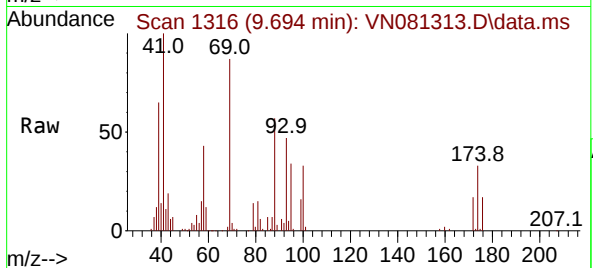
Ion	Ratio	Lower	Upper
41	100		
69	85.6	62.2	93.2
39	66.5	47.6	71.4





#49
1,4-Dioxane
Concen: 862.199 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

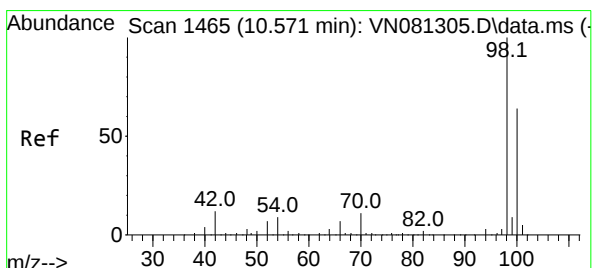
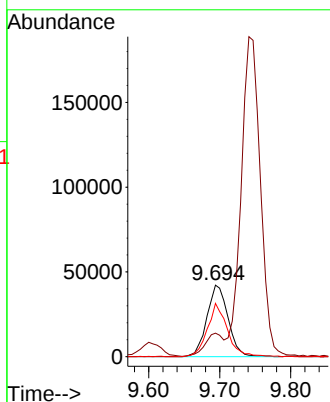
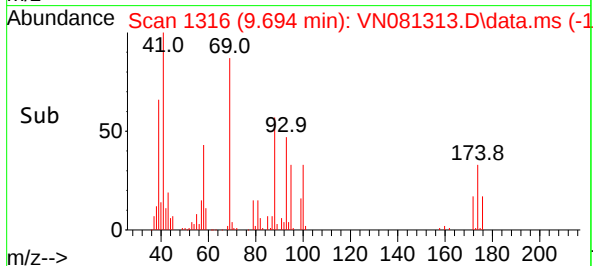
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



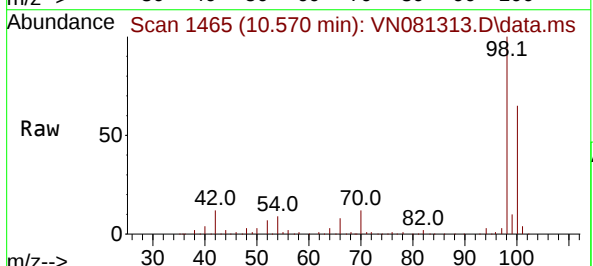
Tgt Ion: 88 Resp: 87397
Ion Ratio Lower Upper
88 100
43 27.9 30.1 45.1
58 70.9 63.9 95.9

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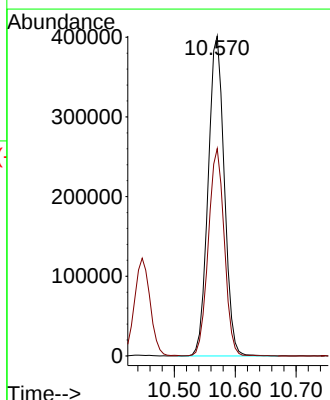
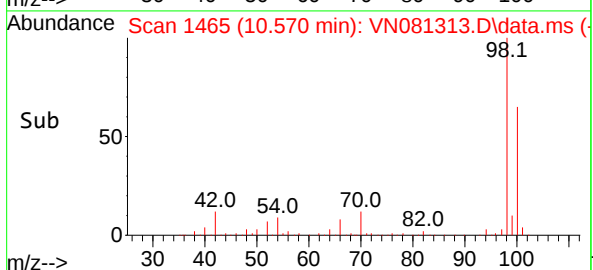
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

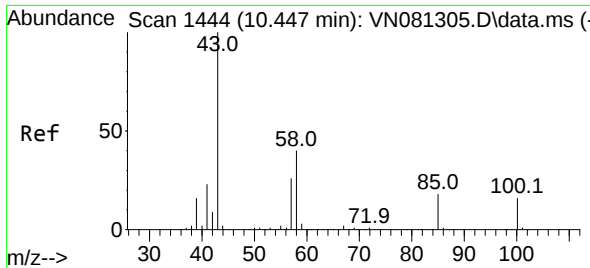


#50
Toluene-d8
Concen: 52.369 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30



Tgt Ion: 98 Resp: 737897
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0





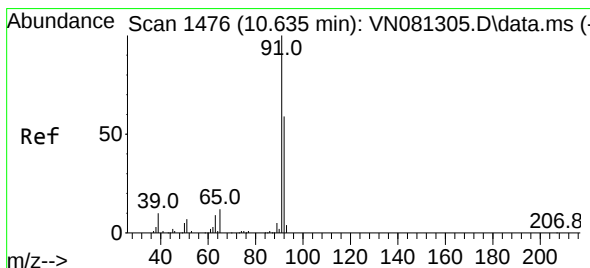
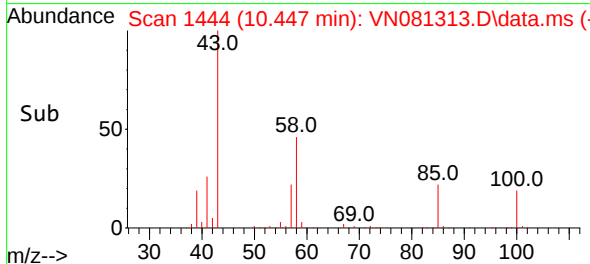
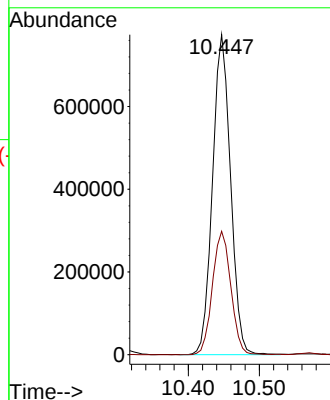
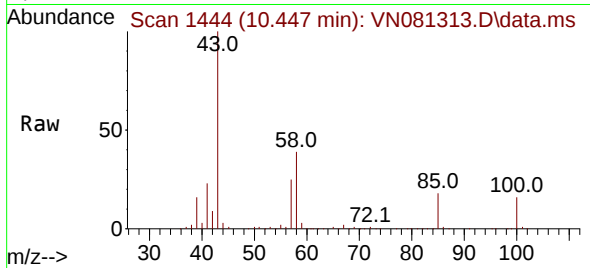
#51
4-Methyl-2-Pentanone
Concen: 225.254 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 136081
Ion Ratio Lower Upper
43 100
58 39.4 29.4 44.0

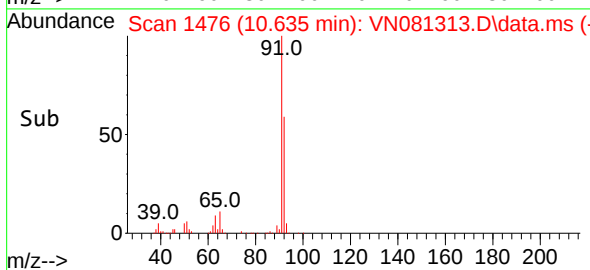
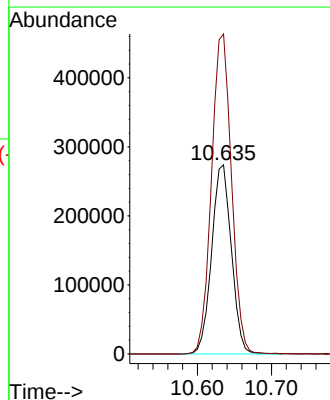
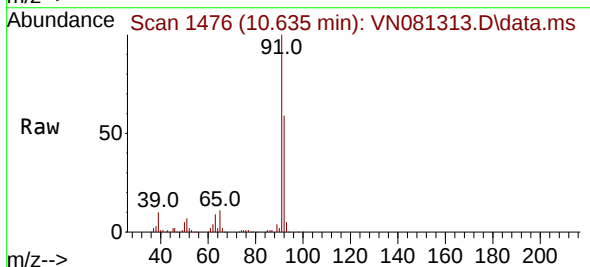
Manual Integrations
APPROVED

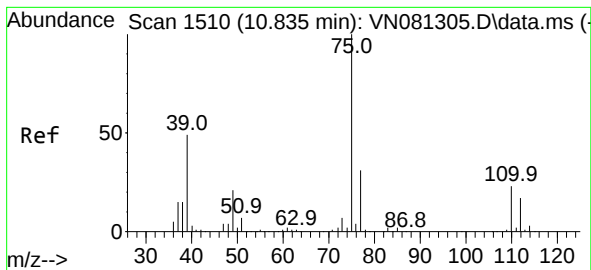
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#52
Toluene
Concen: 46.140 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

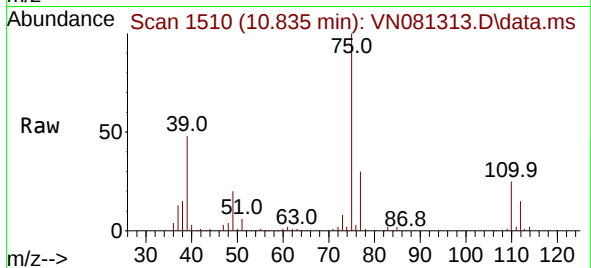
Tgt Ion: 92 Resp: 505903
Ion Ratio Lower Upper
92 100
91 171.6 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 46.643 ug/l
RT: 10.835 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

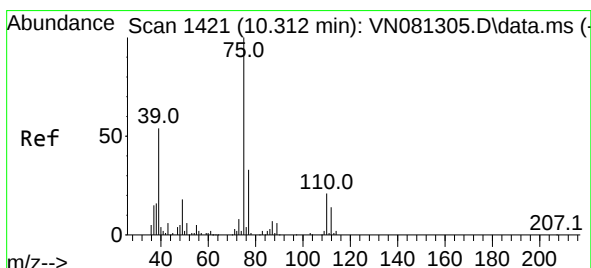
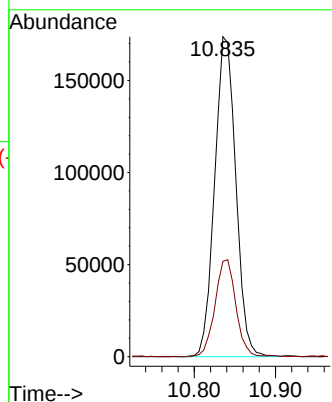
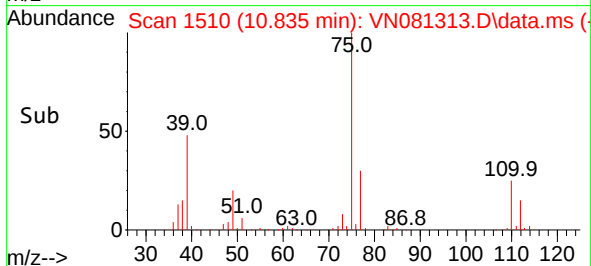
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



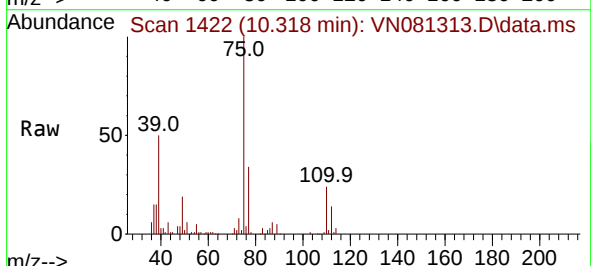
Tgt Ion: 75 Resp: 314874
Ion Ratio Lower Upper
75 100
77 29.8 25.5 38.3

Manual Integrations
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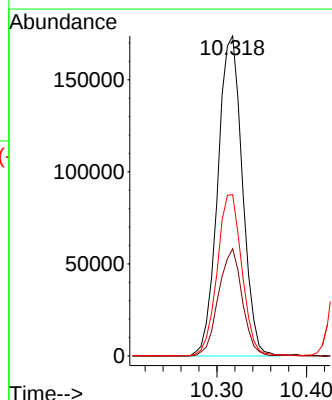
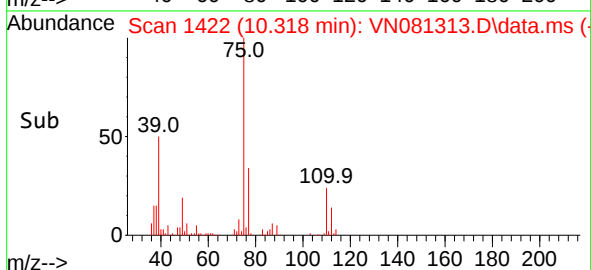
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

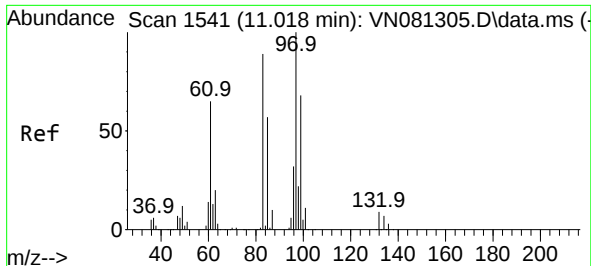


#54
cis-1,3-Dichloropropene
Concen: 45.364 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30



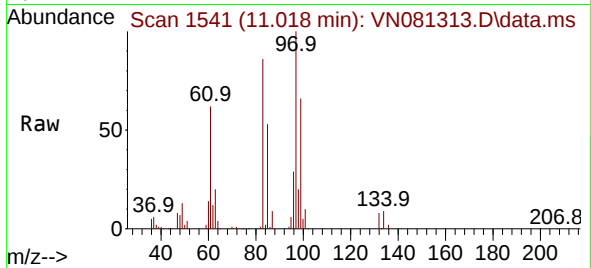
Tgt Ion: 75 Resp: 330597
Ion Ratio Lower Upper
75 100
77 33.5 23.3 34.9
39 50.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 44.251 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

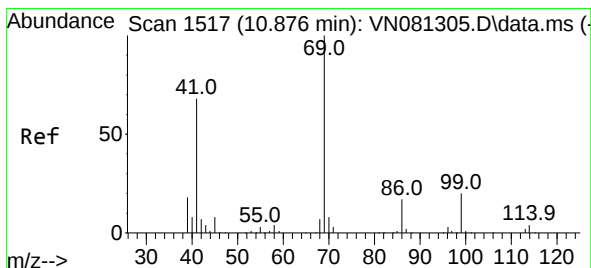
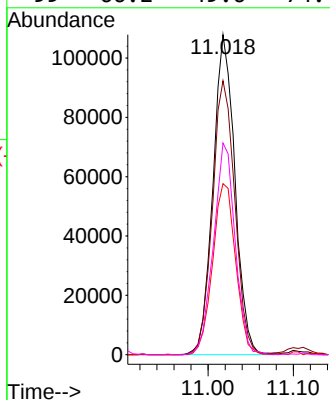
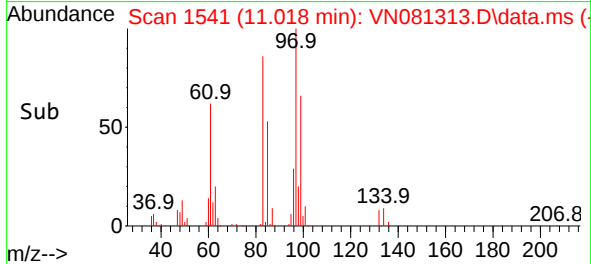
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 192404
Ion Ratio Lower Upper
97 100
83 85.6 72.9 109.3
85 53.5 50.2 75.2
99 66.2 49.6 74.4

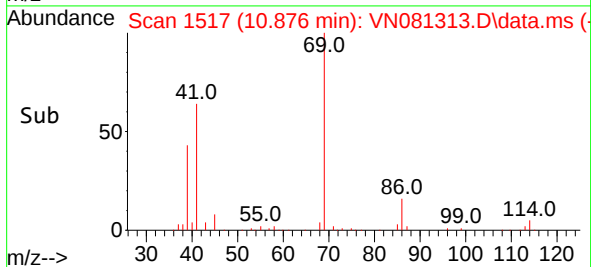
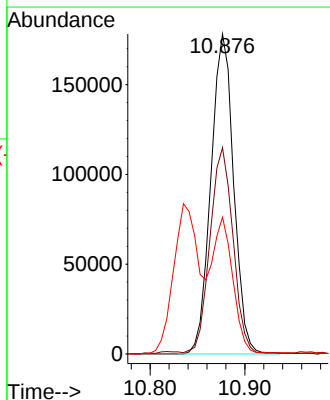
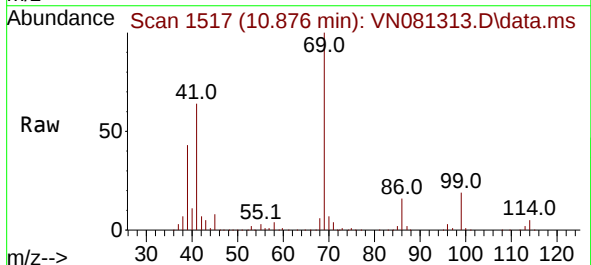
Manual Integrations
APPROVED

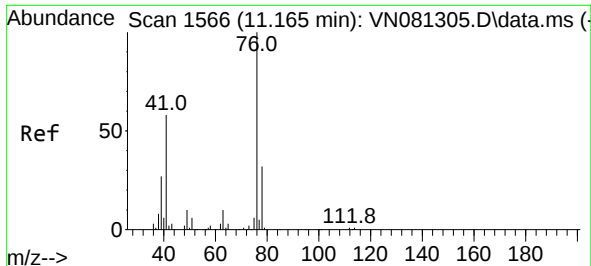
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#56
Ethyl methacrylate
Concen: 47.547 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

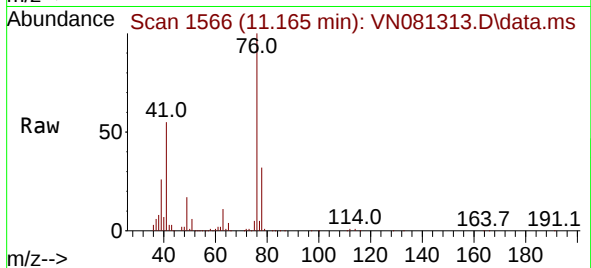
Tgt Ion: 69 Resp: 296860
Ion Ratio Lower Upper
69 100
41 64.7 61.0 91.6
39 38.1 31.8 47.6





#57
1,3-Dichloropropane
Concen: 45.684 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

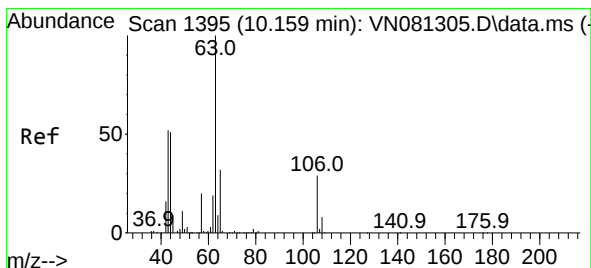
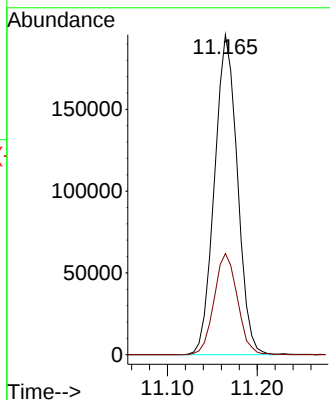
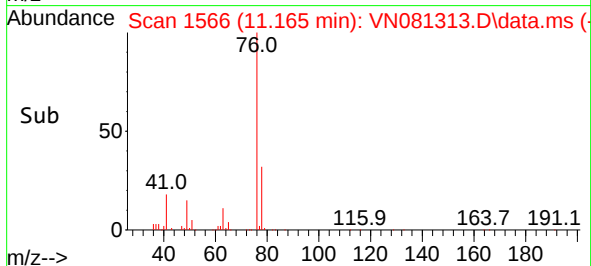
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 346679
Ion Ratio Lower Upper
76 100
78 32.1 25.5 38.3

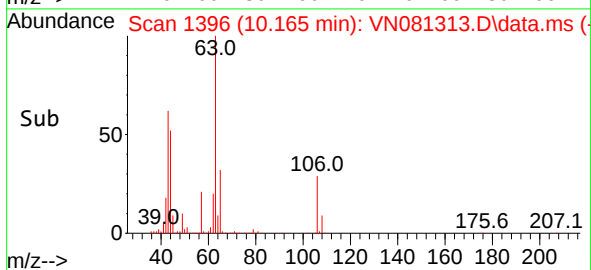
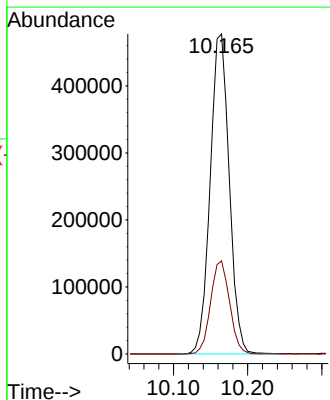
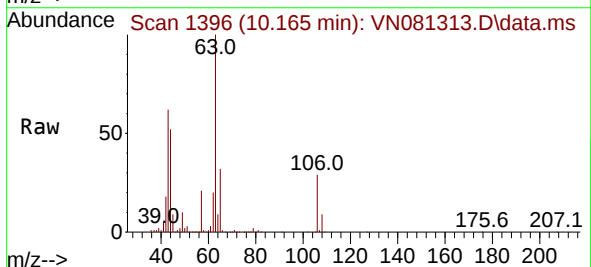
Manual Integrations
APPROVED

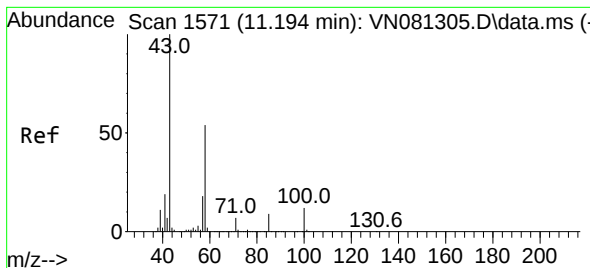
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#58
2-Chloroethyl Vinyl ether
Concen: 253.896 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

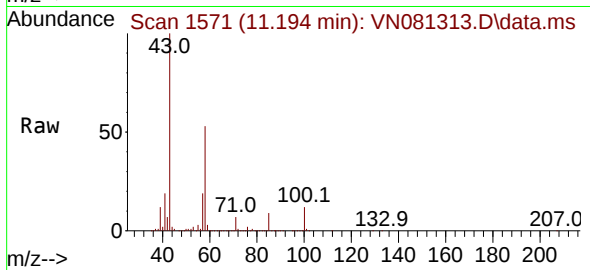
Tgt Ion: 63 Resp: 852696
Ion Ratio Lower Upper
63 100
106 28.9 18.6 28.0#





#59
2-Hexanone
Concen: 227.659 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

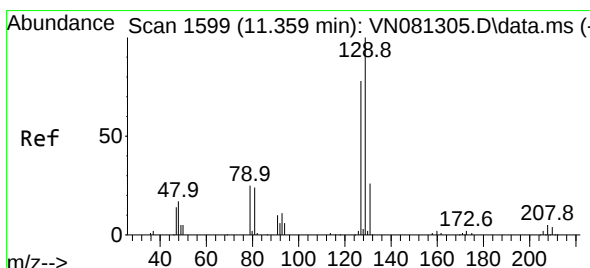
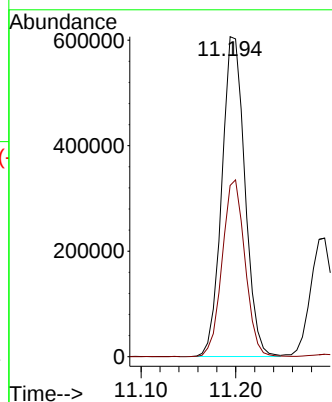
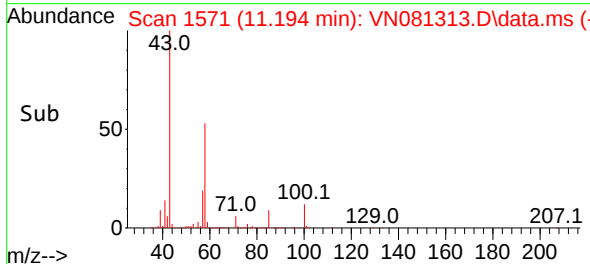
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 102818
Ion Ratio Lower Upper
43 100
58 54.7 25.9 77.8

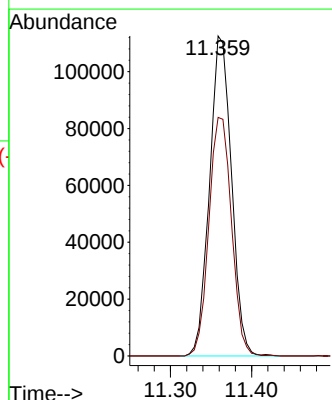
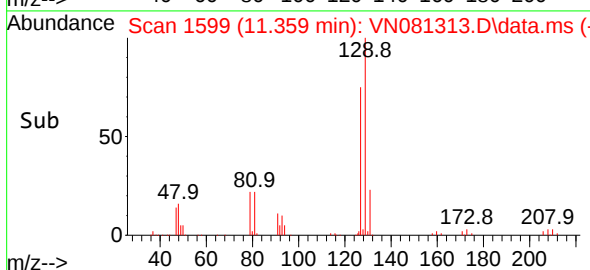
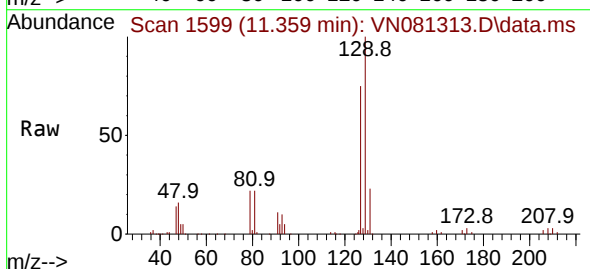
Manual Integrations
APPROVED

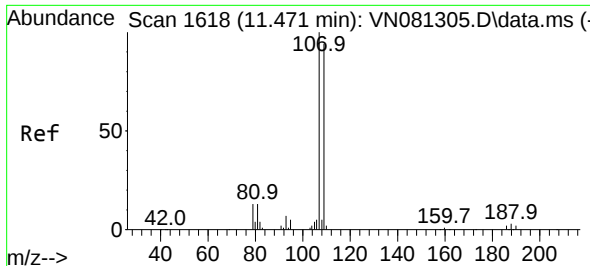
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#60
Dibromochloromethane
Concen: 47.233 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

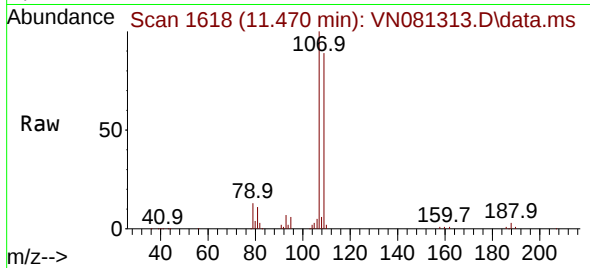
Tgt Ion:129 Resp: 211506
Ion Ratio Lower Upper
129 100
127 76.7 39.4 118.2





#61
1,2-Dibromoethane
Concen: 44.884 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

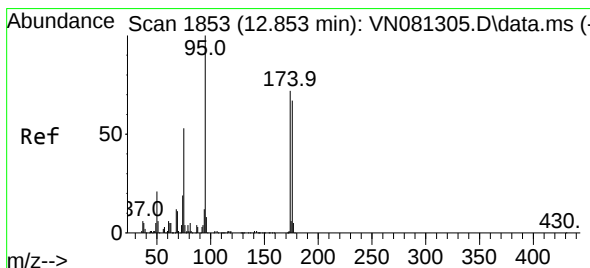
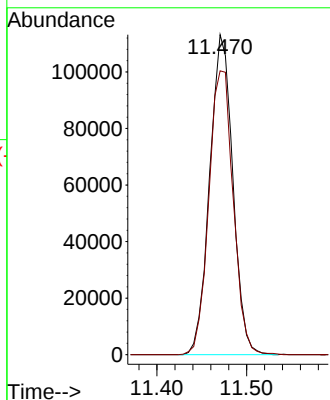
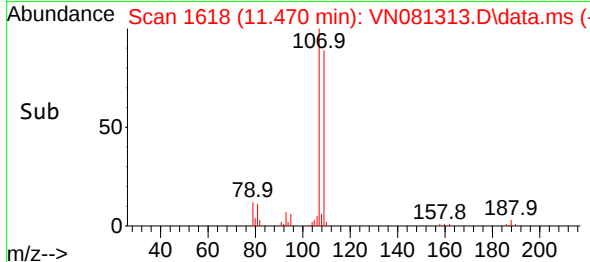
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



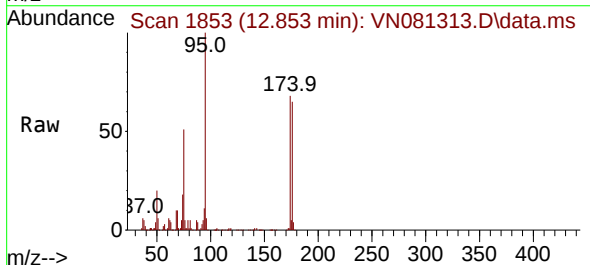
Tgt Ion:107 Resp: 202490
Ion Ratio Lower Upper
107 100
109 93.6 73.4 110.2

Manual Integrations
APPROVED

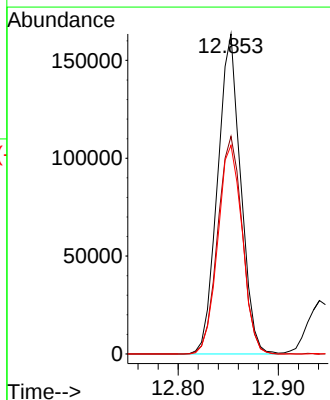
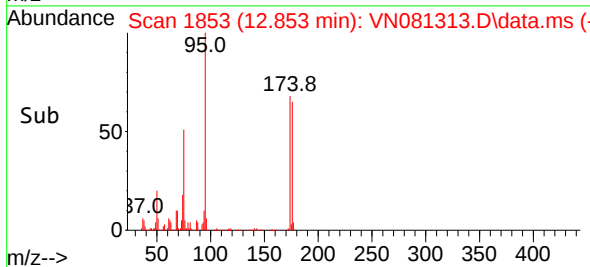
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

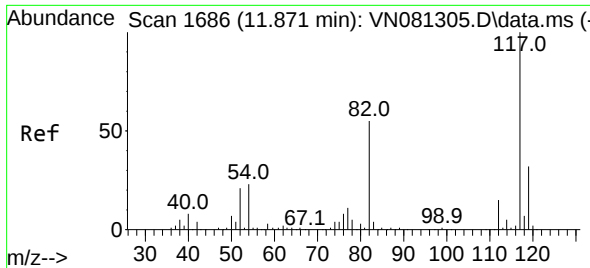


#62
4-Bromofluorobenzene
Concen: 52.647 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30



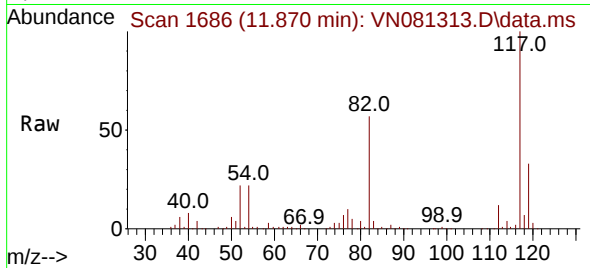
Tgt Ion: 95 Resp: 262187
Ion Ratio Lower Upper
95 100
174 71.9 0.0 120.4
176 68.9 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

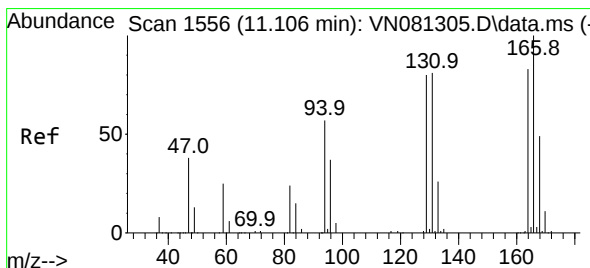
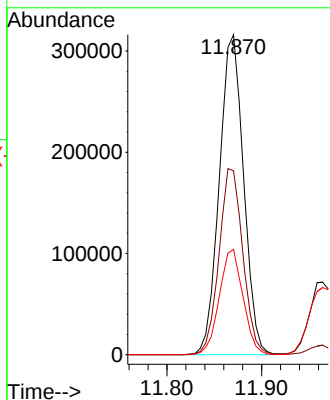
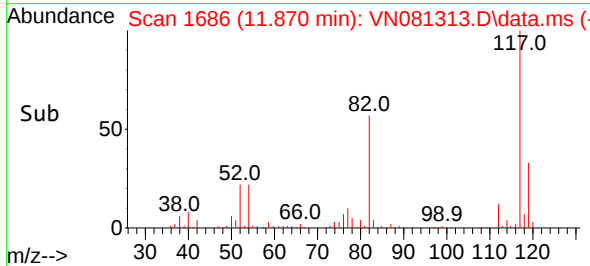
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



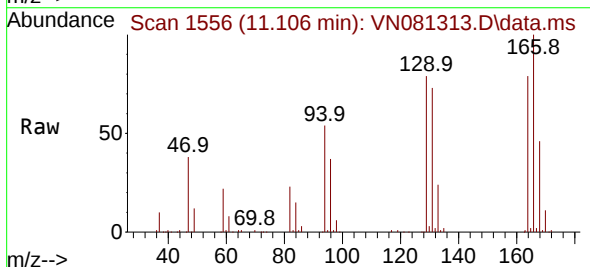
Tgt Ion:117 Resp: 562732
Ion Ratio Lower Upper
117 100
82 57.5 52.7 79.1
119 32.9 25.3 37.9

Manual Integrations
APPROVED

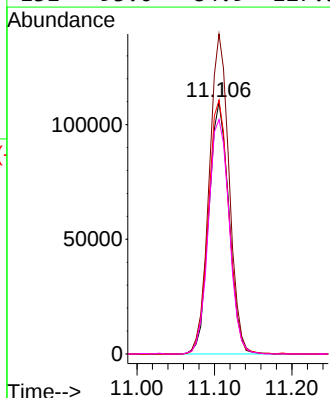
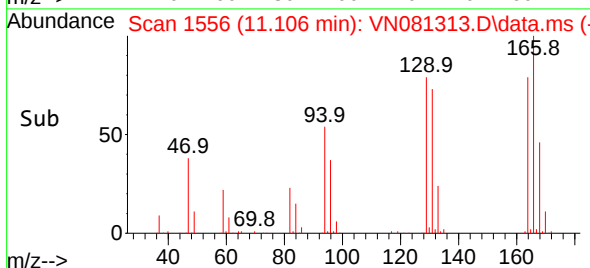
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

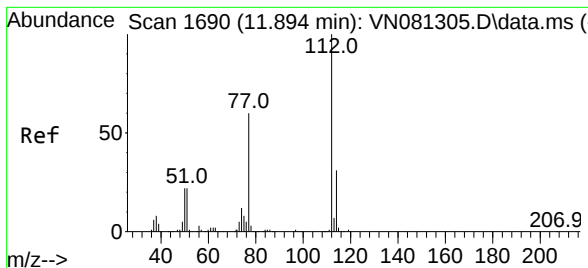


#64
Tetrachloroethene
Concen: 44.913 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30



Tgt Ion:164 Resp: 197895
Ion Ratio Lower Upper
164 100
166 127.0 105.8 158.6
129 100.7 89.6 134.4
131 93.0 84.9 127.3





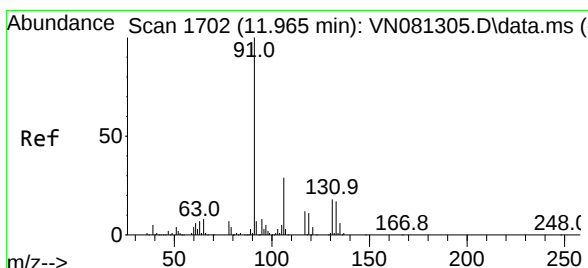
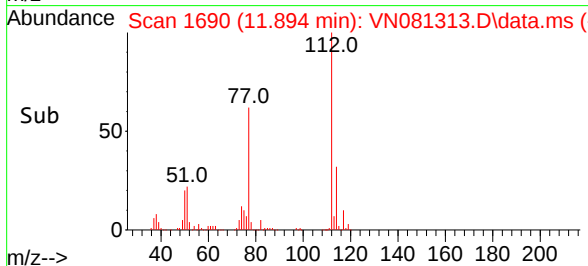
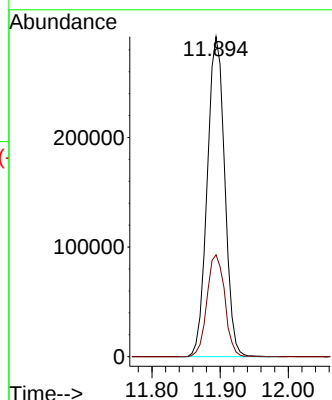
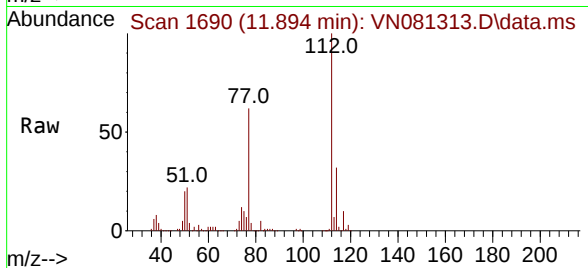
#65
Chlorobenzene
Concen: 43.958 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 521260
Ion Ratio Lower Upper
112 100
114 31.9 23.7 35.5

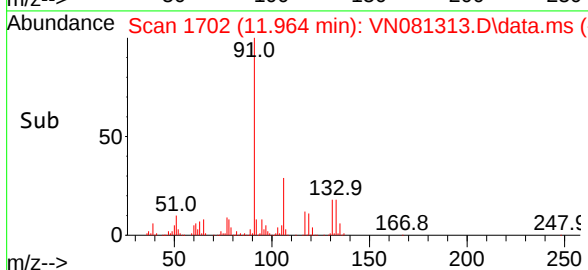
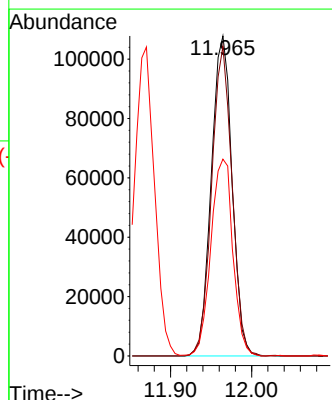
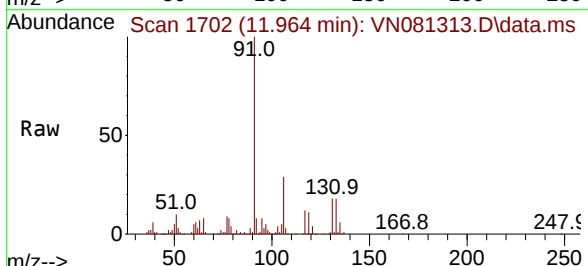
Manual Integrations
APPROVED

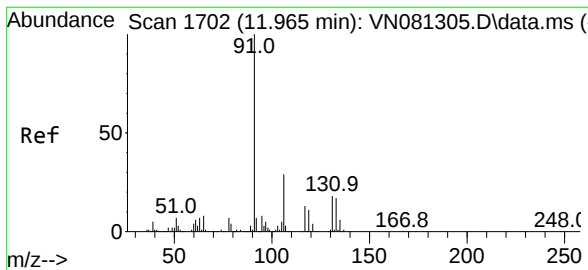
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 44.088 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

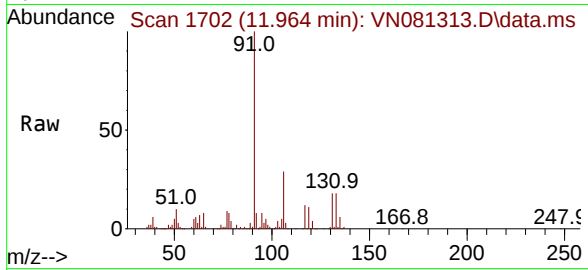
Tgt Ion:131 Resp: 191306
Ion Ratio Lower Upper
131 100
133 94.9 46.8 140.3
119 65.3 34.6 103.9





#67
Ethyl Benzene
Concen: 45.959 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

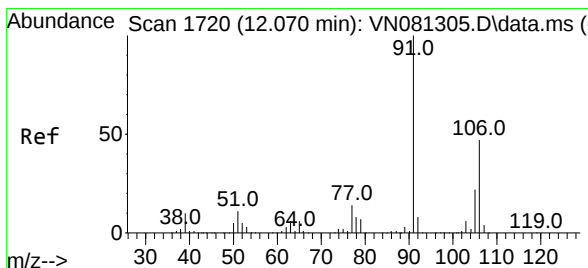
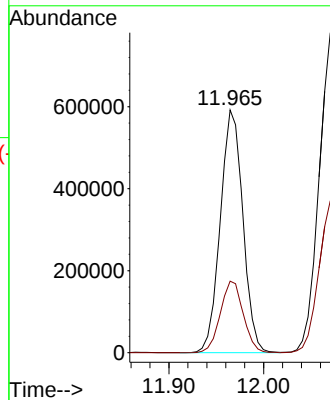
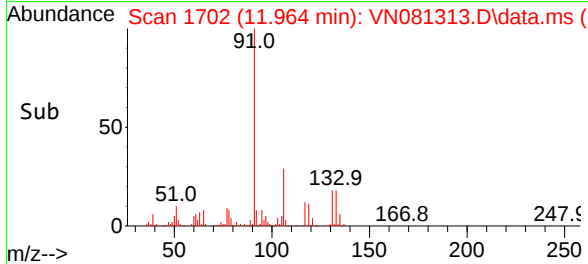
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



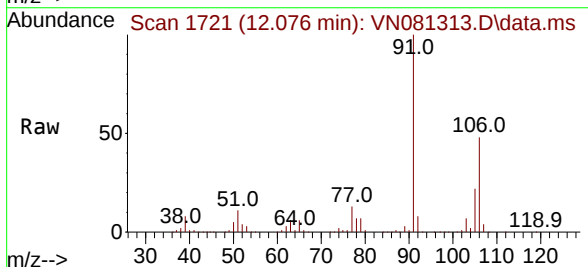
Tgt Ion: 91 Resp: 98170
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6

Manual Integrations
APPROVED

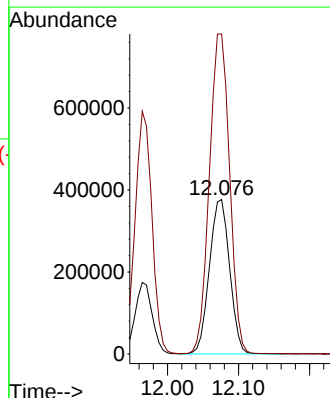
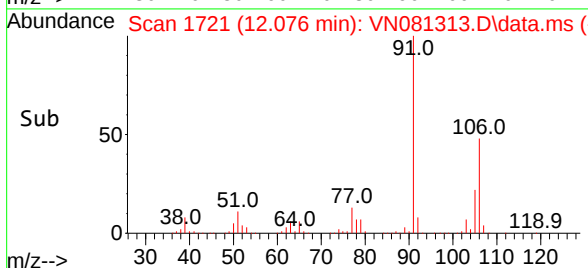
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

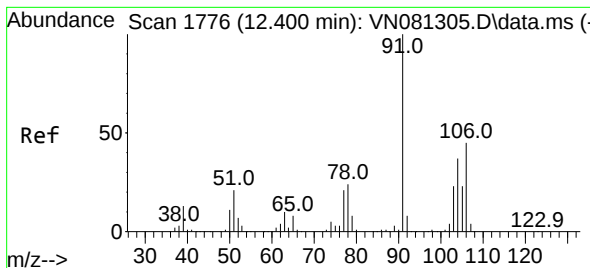


#68
m/p-Xylenes
Concen: 92.850 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30



Tgt Ion:106 Resp: 746413
Ion Ratio Lower Upper
106 100
91 207.1 169.0 253.6





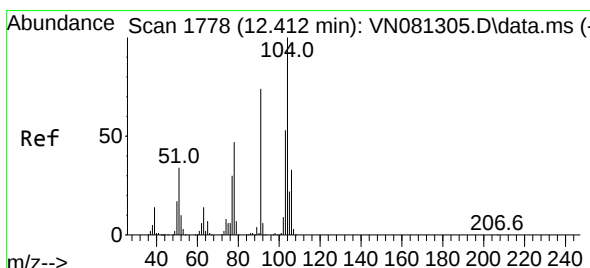
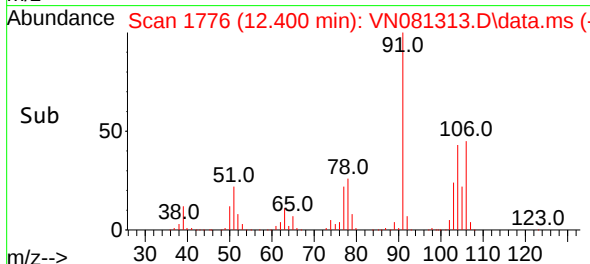
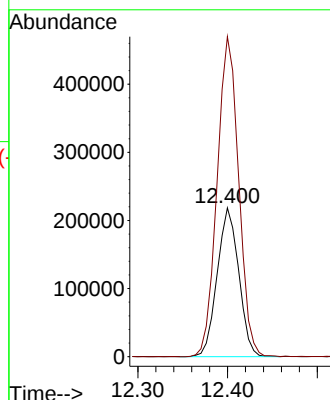
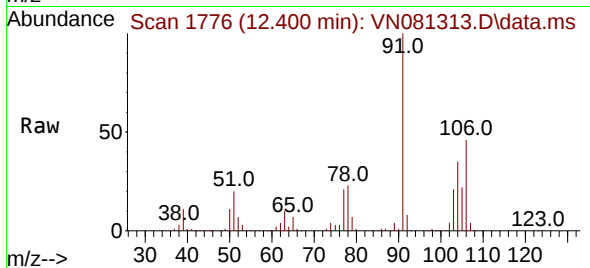
#69
o-Xylene
Concen: 46.748 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 36421
Ion Ratio Lower Upper
106 100
91 215.8 112.1 336.3

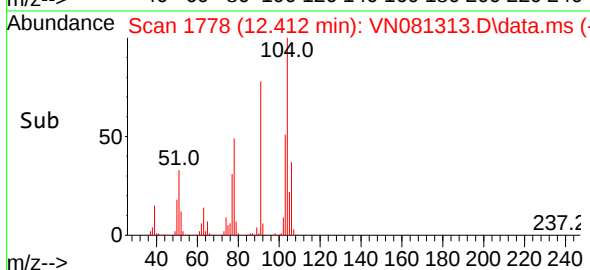
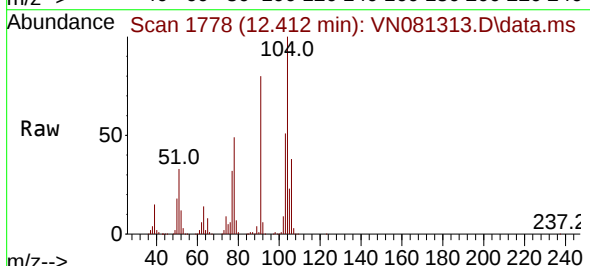
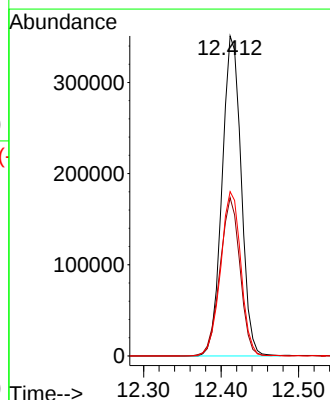
Manual Integrations
APPROVED

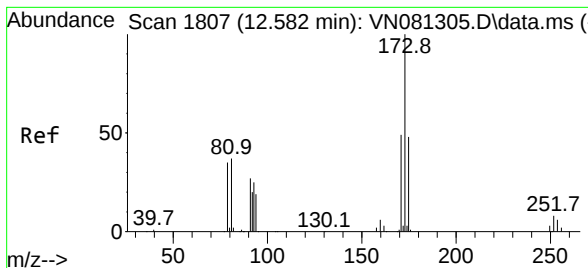
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#70
Styrene
Concen: 48.678 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Tgt Ion:104 Resp: 601001
Ion Ratio Lower Upper
104 100
78 52.0 43.8 65.8
103 54.5 44.2 66.2





#71

Bromoform

Concen: 44.702 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 134660

Ion Ratio Lower Upper

173 100

175 48.5 23.1 69.2

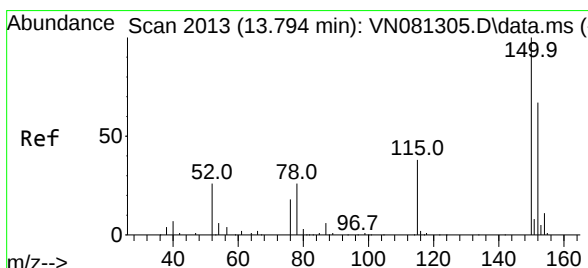
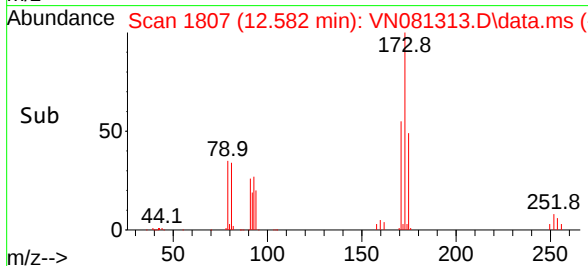
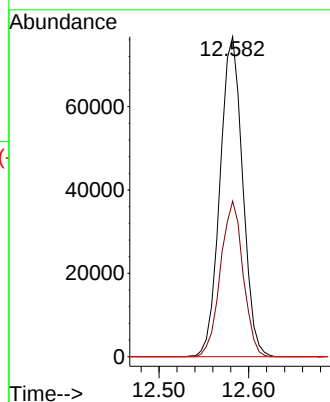
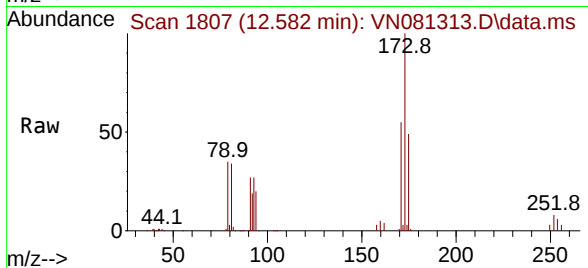
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

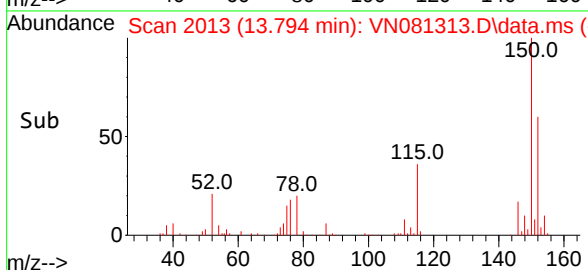
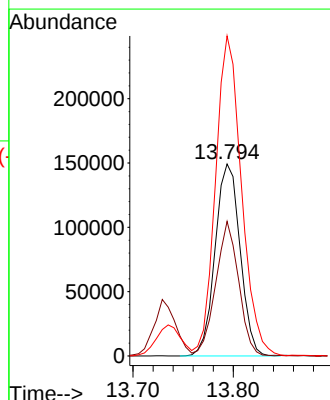
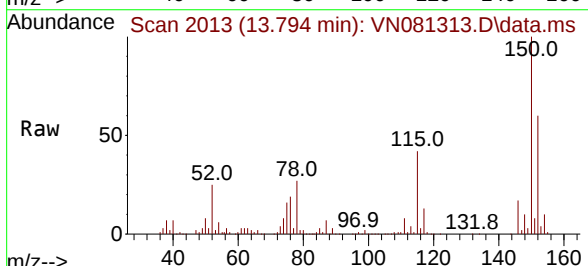
Tgt Ion:152 Resp: 258110

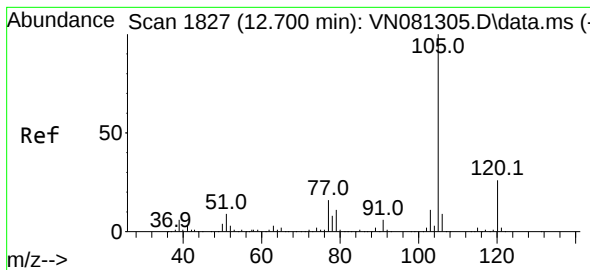
Ion Ratio Lower Upper

152 100

115 64.3 32.3 96.8

150 172.8 0.0 339.8





#73

Isopropylbenzene

Concen: 45.820 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 95498

Ion Ratio Lower Upper

105 100

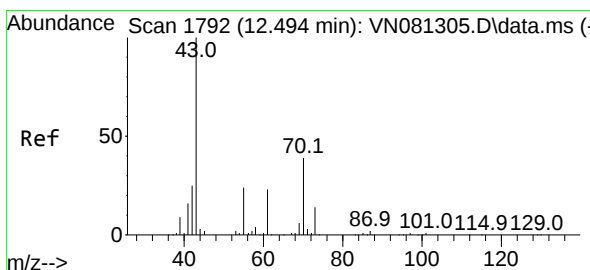
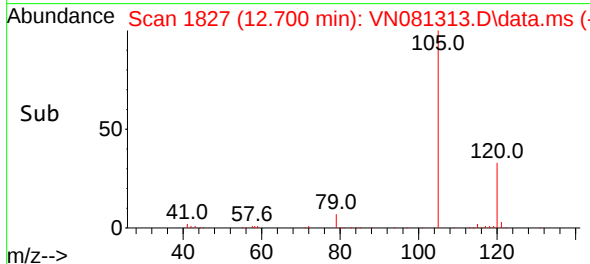
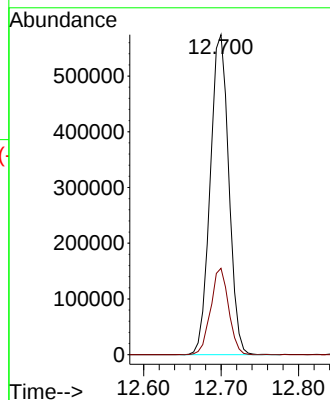
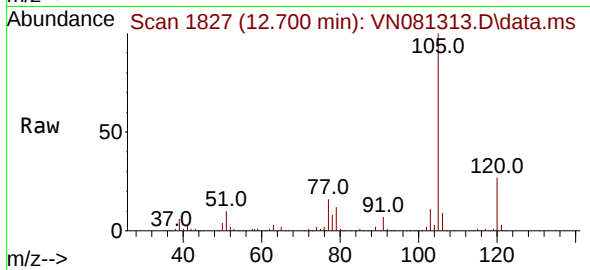
120 26.1 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#74

N-ethyl acetate

Concen: 44.324 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Tgt Ion: 43 Resp: 387622

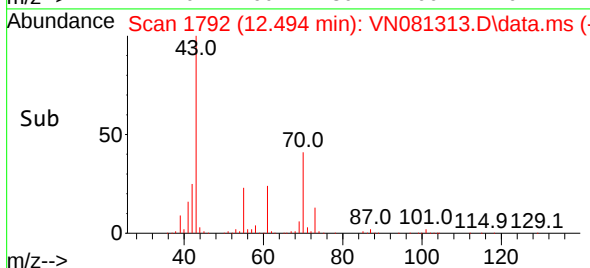
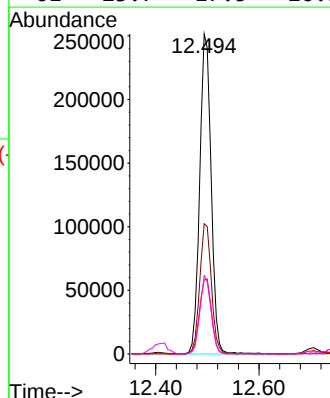
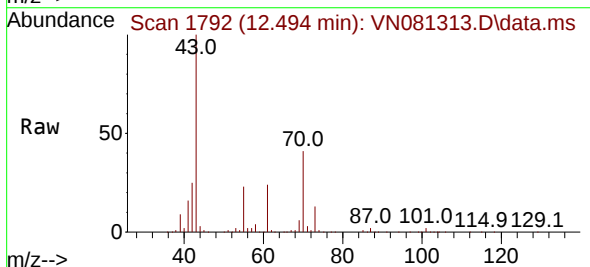
Ion Ratio Lower Upper

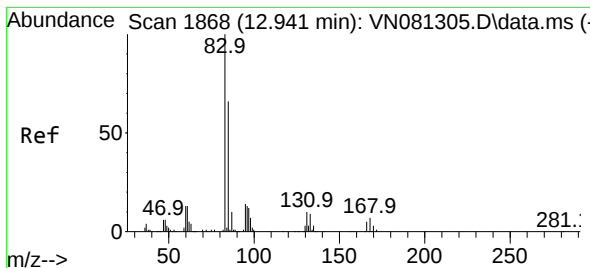
43 100

70 41.4 30.1 45.1

55 24.7 17.0 25.4

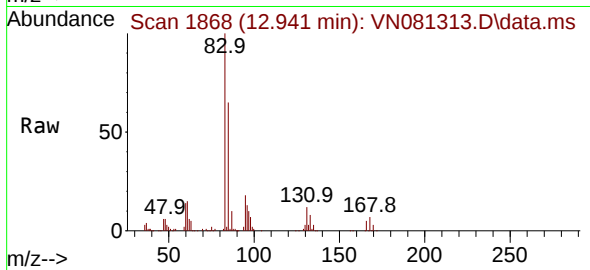
61 23.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 41.691 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

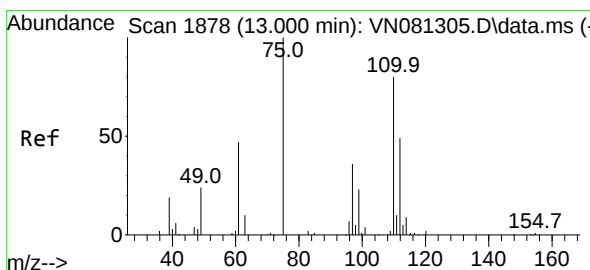
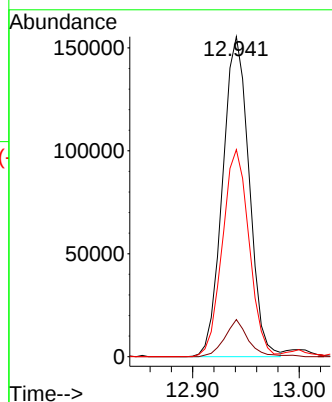
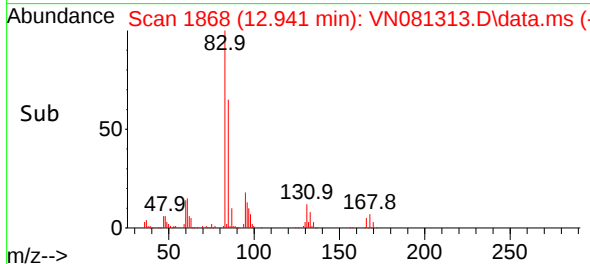
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 26816
Ion Ratio Lower Upper
83 100
131 10.3 4.1 12.3
85 65.3 32.1 96.3

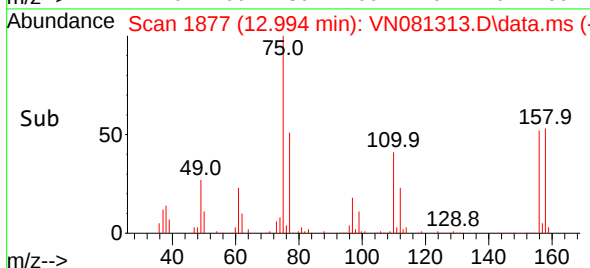
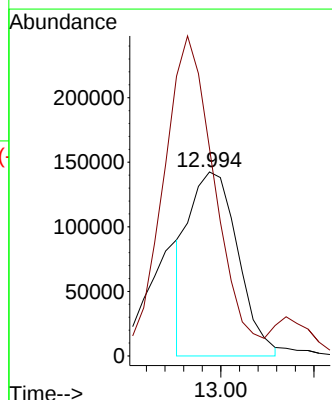
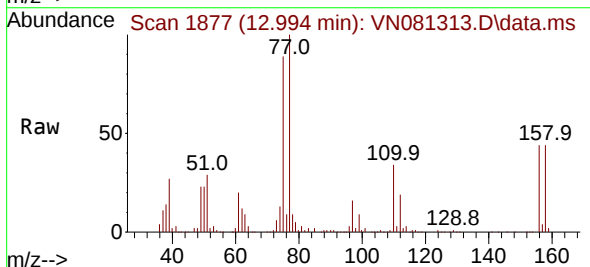
Manual Integrations
APPROVED

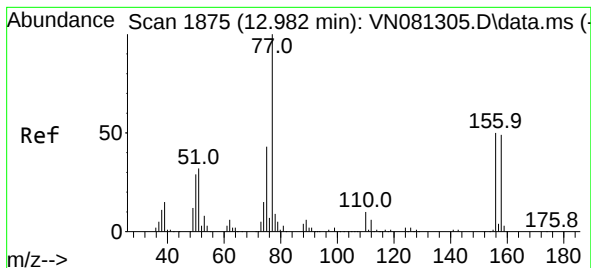
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#76
1,2,3-Trichloropropane
Concen: 42.599 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Tgt Ion: 75 Resp: 259704
Ion Ratio Lower Upper
75 100
77 184.6 91.0 272.8





#77

Bromobenzene

Concen: 42.031 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 20770

Ion Ratio Lower Upper

156 100

77 230.8 138.1 414.3

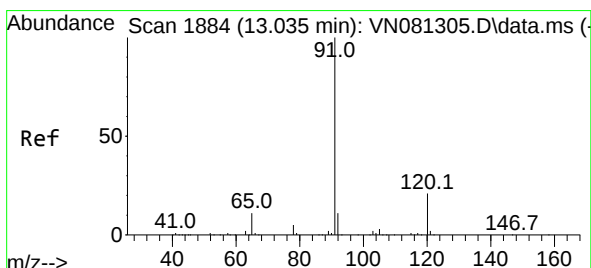
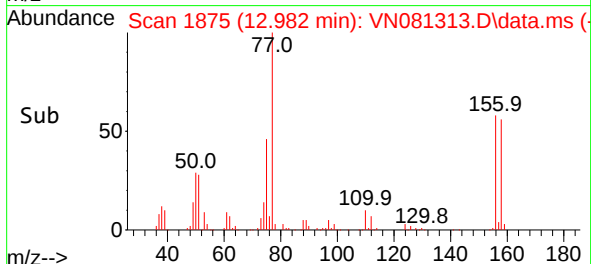
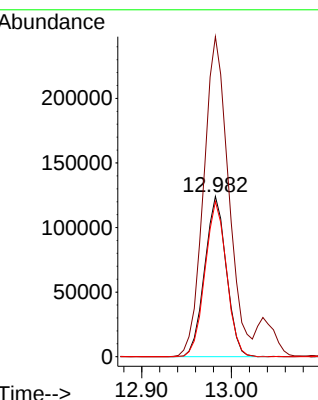
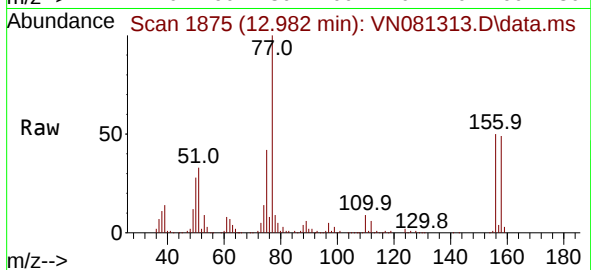
158 96.4 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#78

n-propylbenzene

Concen: 46.806 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081313.D

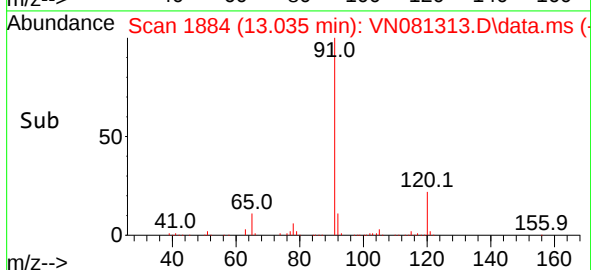
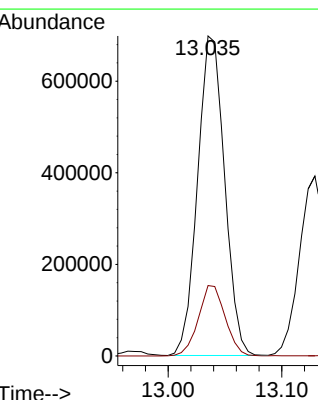
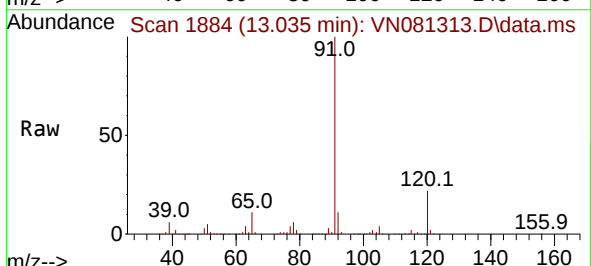
Acq: 06 Mar 2024 09:30

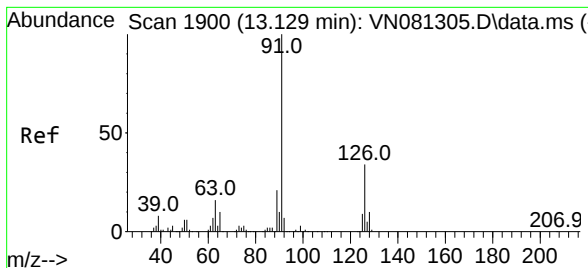
Tgt Ion: 91 Resp: 1153869

Ion Ratio Lower Upper

91 100

120 21.9 10.3 30.9





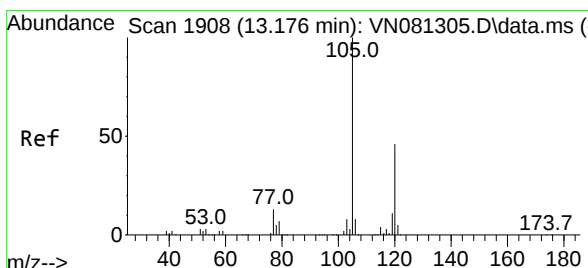
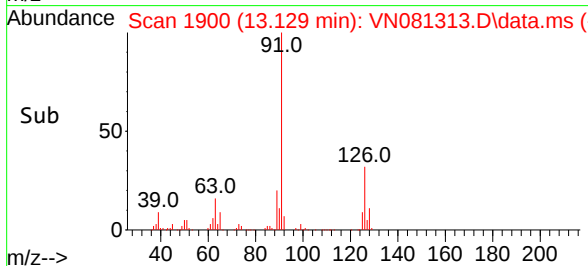
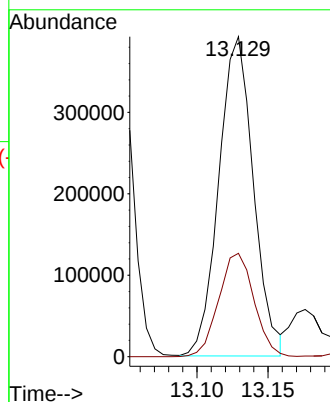
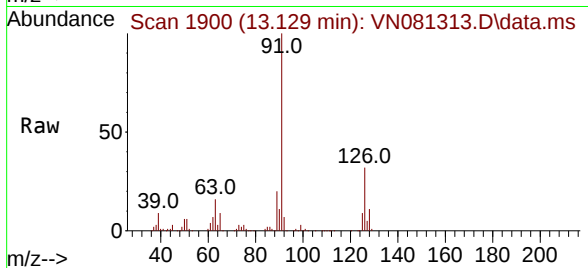
#79
2-Chlorotoluene
Concen: 44.151 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 665280
Ion Ratio Lower Upper
91 100
126 33.0 14.8 44.4

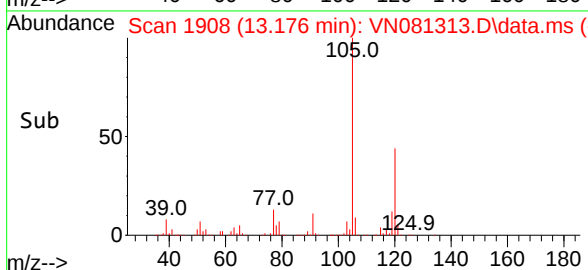
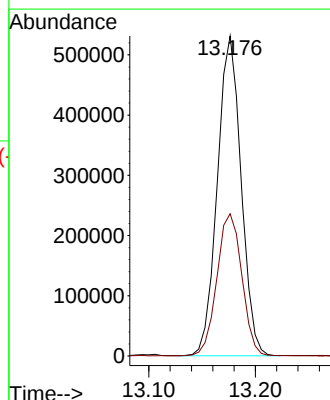
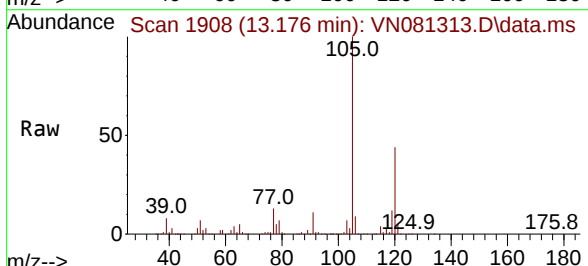
Manual Integrations
APPROVED

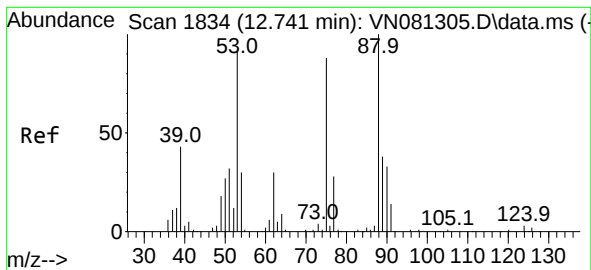
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#80
1,3,5-Trimethylbenzene
Concen: 47.683 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Tgt Ion:105 Resp: 821527
Ion Ratio Lower Upper
105 100
120 46.7 23.0 69.0





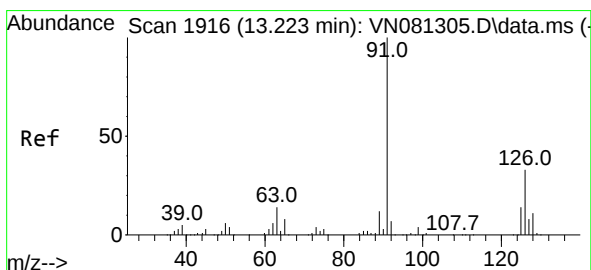
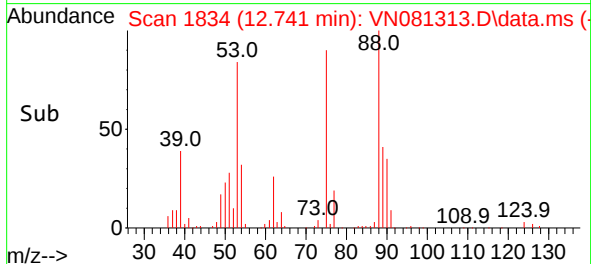
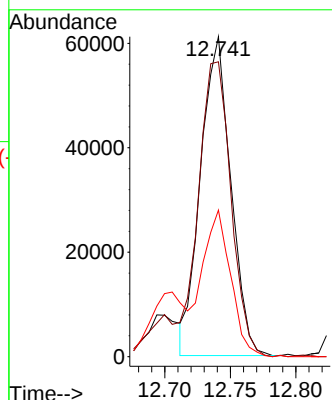
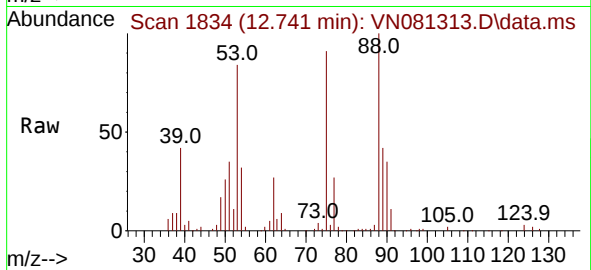
#81
trans-1,4-Dichloro-2-butene
Concen: 44.719 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 97688
Ion Ratio Lower Upper
75 100
53 112.4 71.4 107.2
89 43.4 33.4 50.0

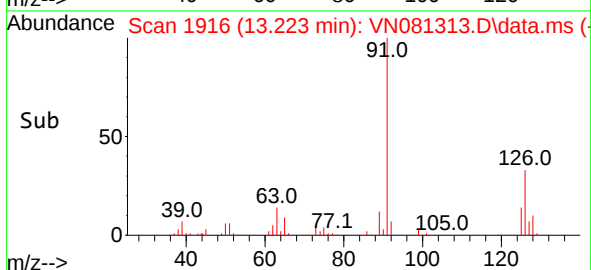
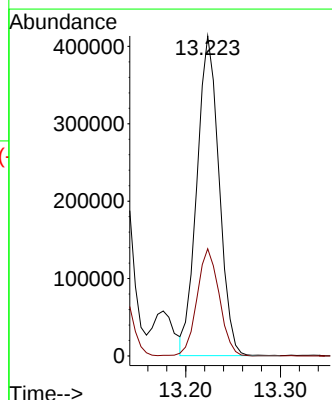
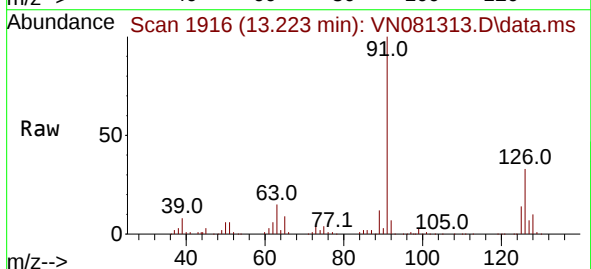
Manual Integrations
APPROVED

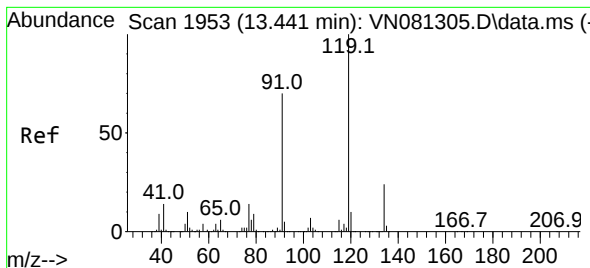
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#82
4-Chlorotoluene
Concen: 45.057 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

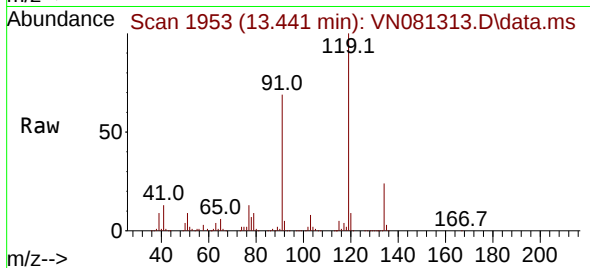
Tgt Ion: 91 Resp: 670605
Ion Ratio Lower Upper
91 100
126 33.6 15.3 45.9





#83
tert-Butylbenzene
Concen: 45.354 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

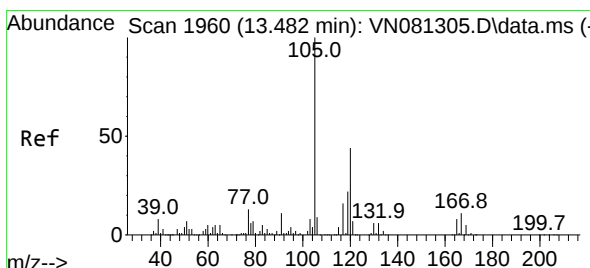
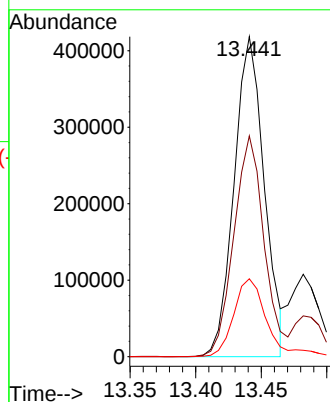
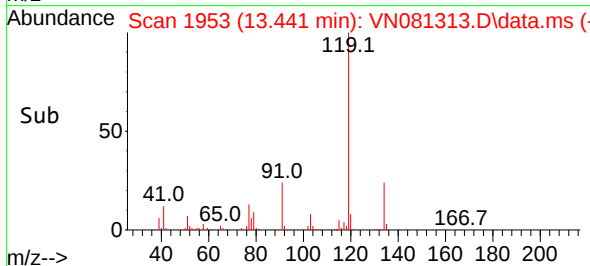
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



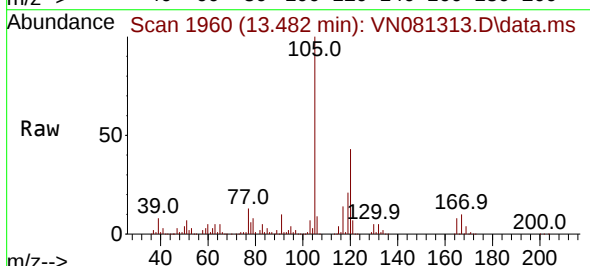
Tgt Ion:119 Resp: 669910
Ion Ratio Lower Upper
119 100
91 69.7 36.8 110.4
134 26.8 12.4 37.4

Manual Integrations
APPROVED

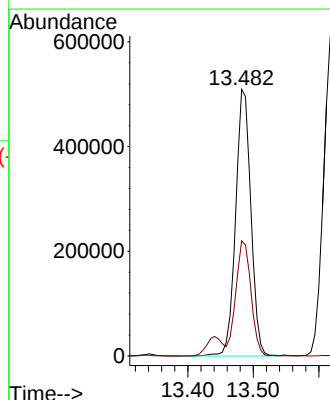
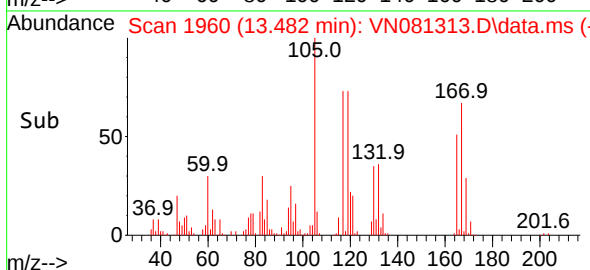
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

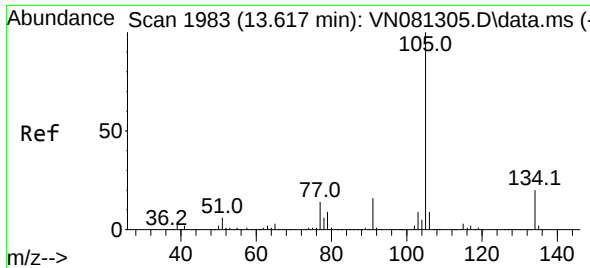


#84
1,2,4-Trimethylbenzene
Concen: 47.273 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30



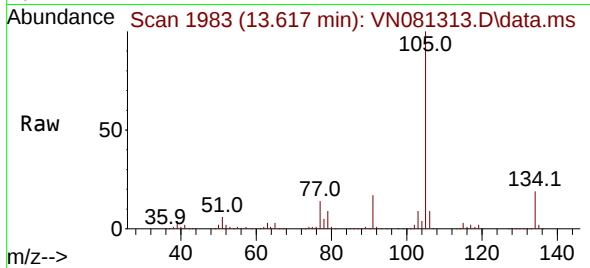
Tgt Ion:105 Resp: 825184
Ion Ratio Lower Upper
105 100
120 43.0 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 46.977 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081313.D
 Acq: 06 Mar 2024 09:30

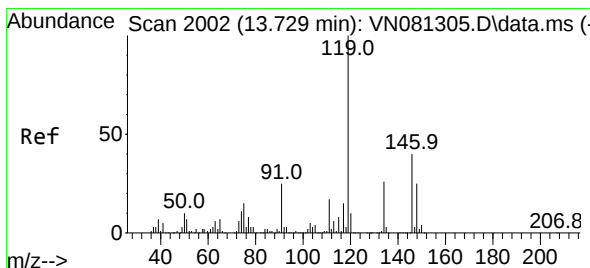
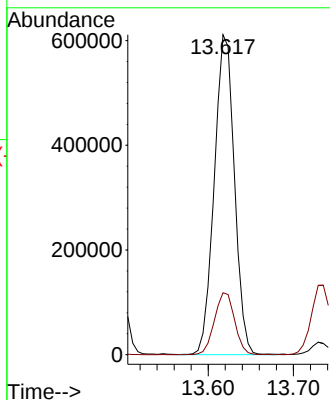
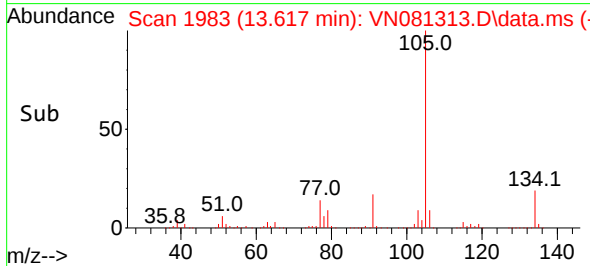
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



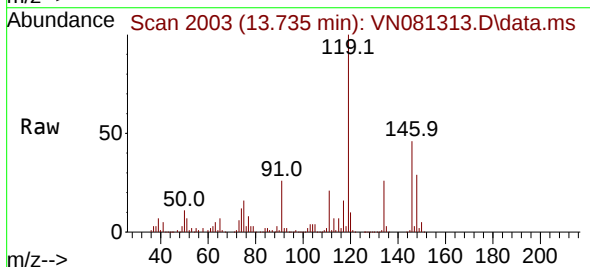
Tgt Ion:105 Resp: 1003824
 Ion Ratio Lower Upper
 105 100
 134 19.4 8.6 25.8

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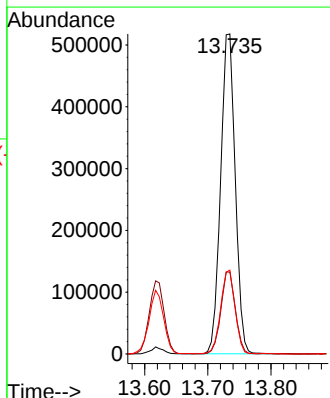
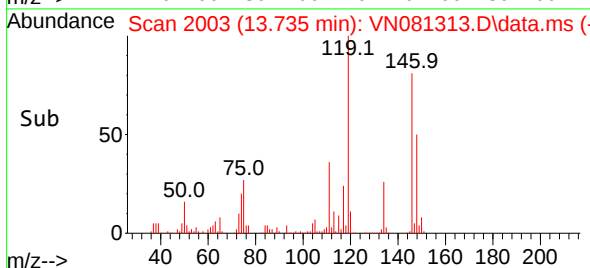
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024

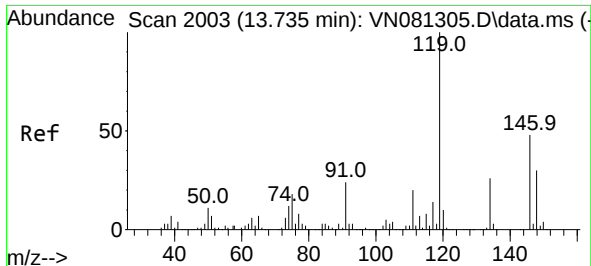


#86
 p-Isopropyltoluene
 Concen: 48.666 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081313.D
 Acq: 06 Mar 2024 09:30



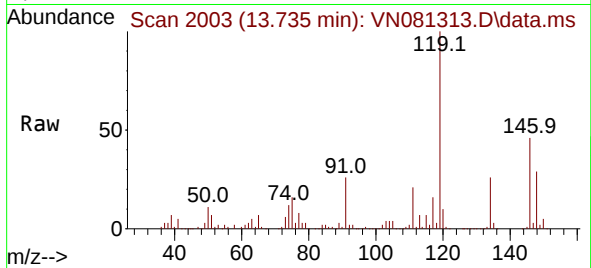
Tgt Ion:119 Resp: 833978
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.4 37.2
 91 25.6 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 42.862 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

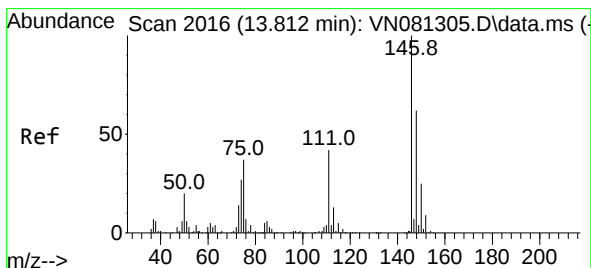
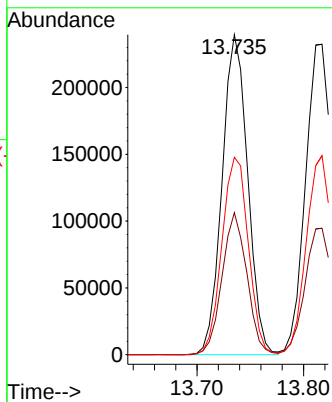
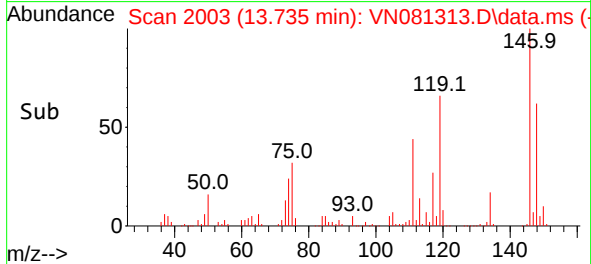
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 399949
Ion Ratio Lower Upper
146 100
111 43.1 23.9 71.7
148 63.7 32.6 97.7

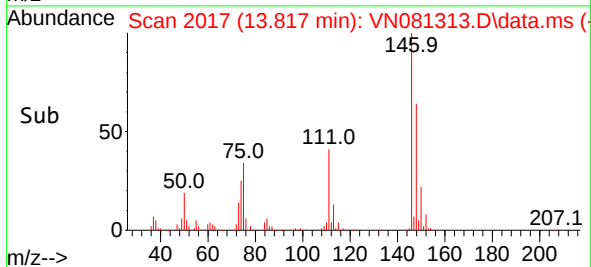
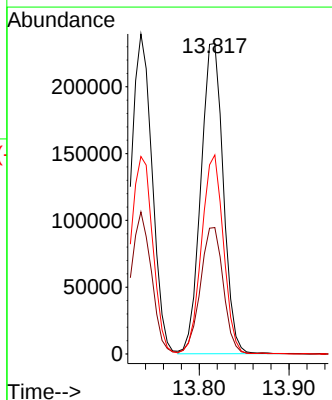
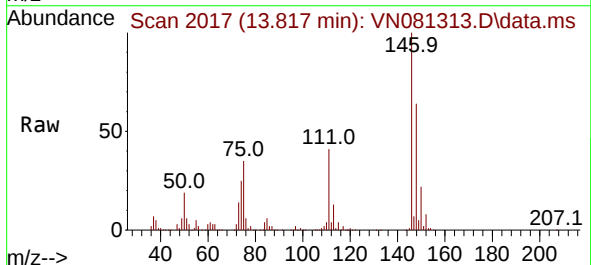
Manual Integrations
APPROVED

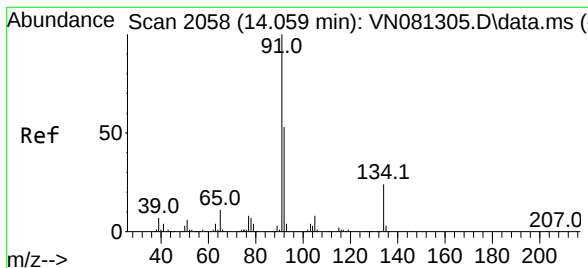
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#88
1,4-Dichlorobenzene
Concen: 43.175 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

Tgt Ion:146 Resp: 402673
Ion Ratio Lower Upper
146 100
111 41.3 22.6 67.7
148 62.4 31.9 95.5





#89

n-Butylbenzene

Concen: 48.381 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 760314

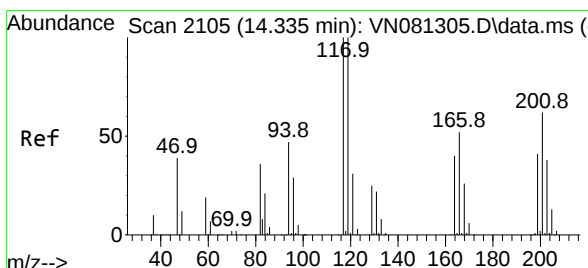
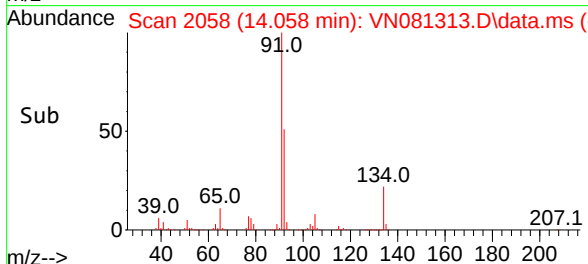
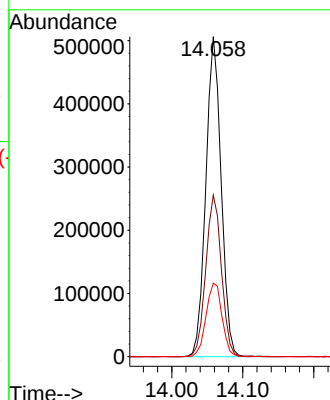
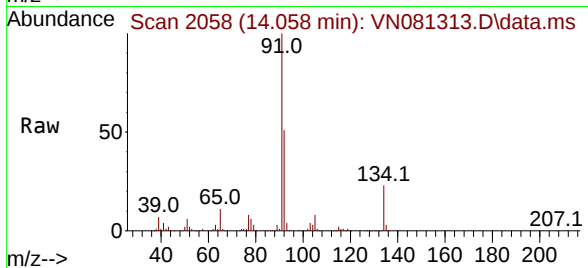
Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.7	80.1
134	24.0	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#90

Hexachloroethane

Concen: 46.639 ug/l

RT: 14.335 min Scan# 2105

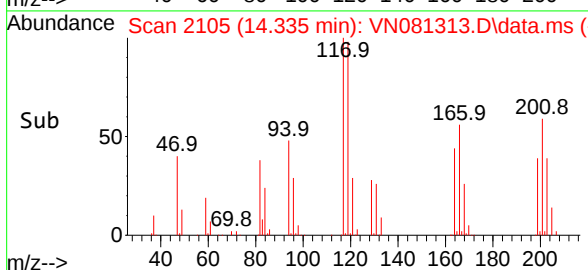
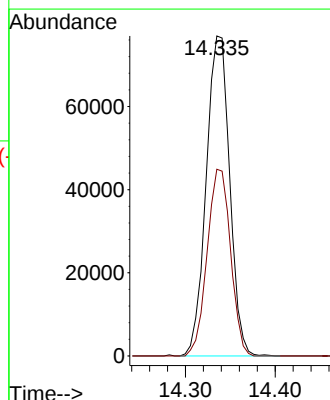
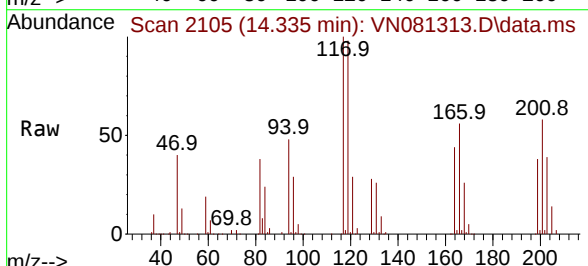
Delta R.T. -0.000 min

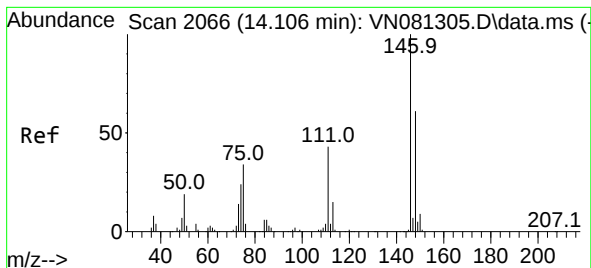
Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Tgt Ion:117 Resp: 139927

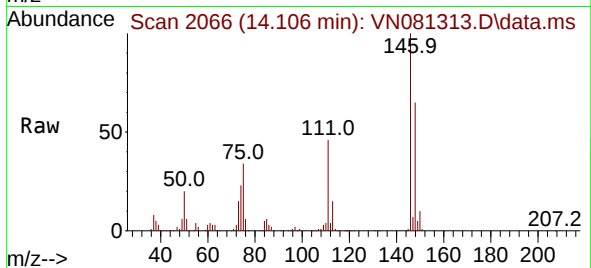
Ion	Ratio	Lower	Upper
117	100		
201	58.1	30.0	90.0





#91
1,2-Dichlorobenzene
Concen: 43.001 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

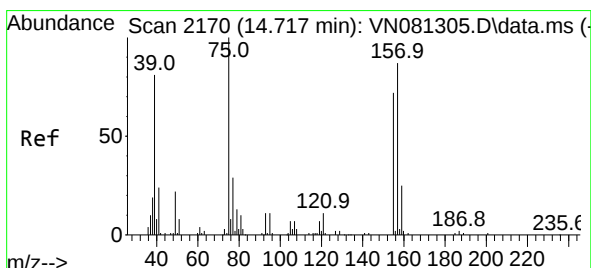
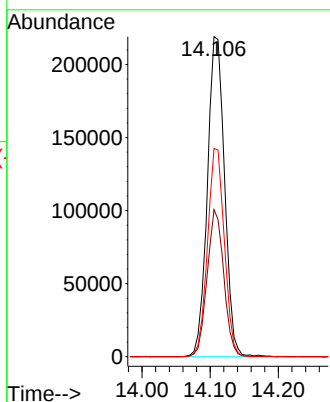
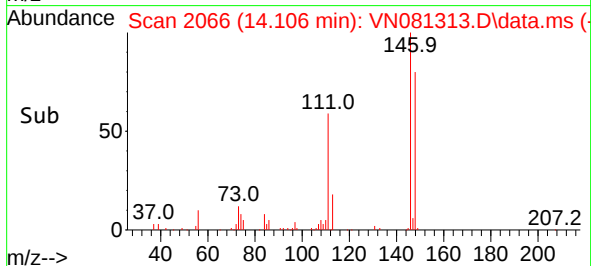
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



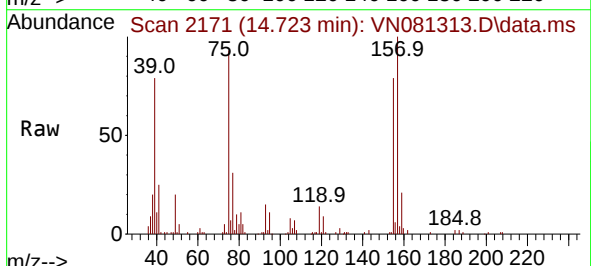
Tgt Ion:146 Resp: 384974
Ion Ratio Lower Upper
146 100
111 44.5 23.9 71.8
148 63.6 31.4 94.0

Manual Integrations
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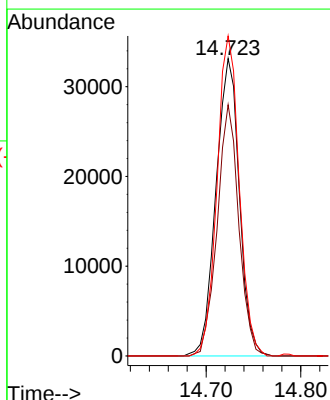
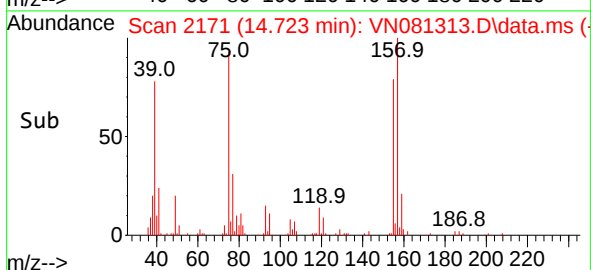
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

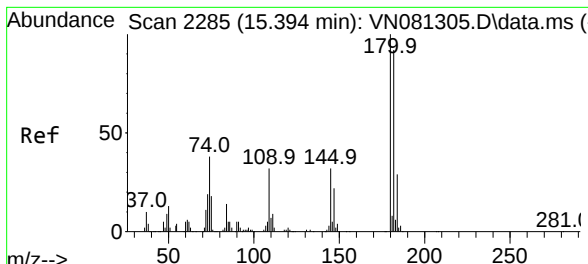


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.236 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30



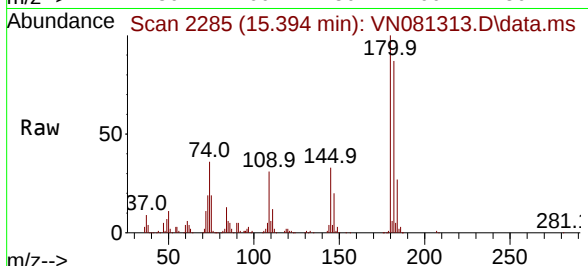
Tgt Ion: 75 Resp: 56759
Ion Ratio Lower Upper
75 100
155 78.3 31.8 95.4
157 102.4 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 46.348 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30

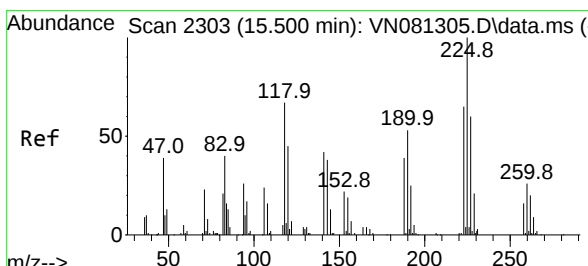
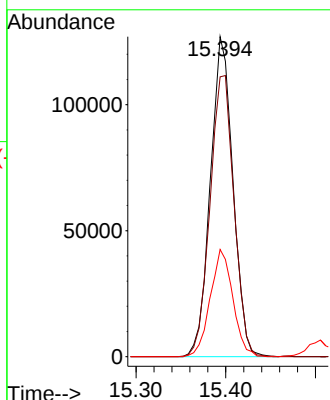
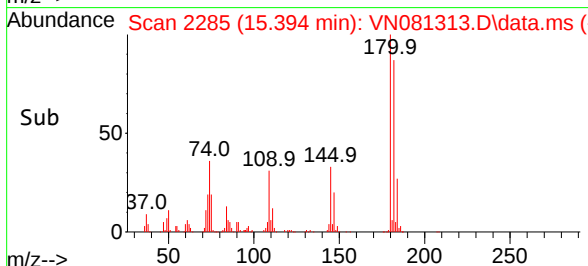
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



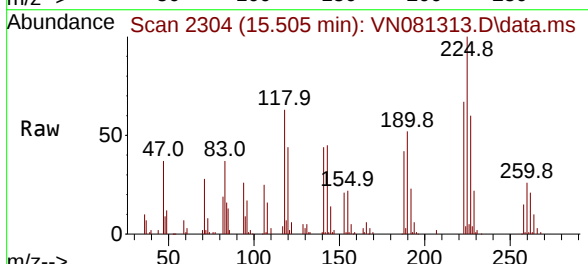
Tgt Ion:180 Resp: 221799
Ion Ratio Lower Upper
180 100
182 93.3 46.6 139.7
145 33.5 16.8 50.3

Manual Integrations
APPROVED

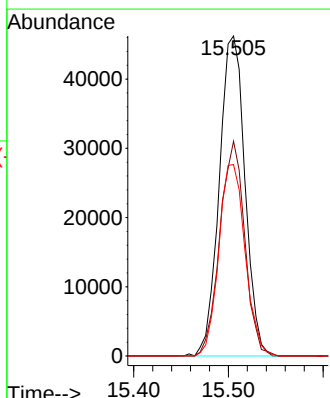
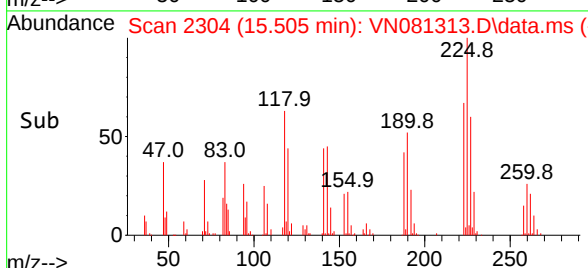
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

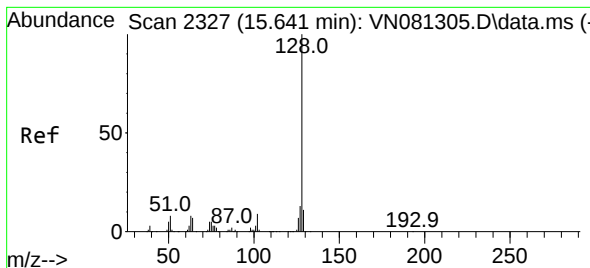


#94
Hexachlorobutadiene
Concen: 43.979 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN081313.D
Acq: 06 Mar 2024 09:30



Tgt Ion:225 Resp: 86962
Ion Ratio Lower Upper
225 100
223 64.9 33.3 99.8
227 61.4 33.1 99.2





#95

Naphthalene

Concen: 46.692 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 795059

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

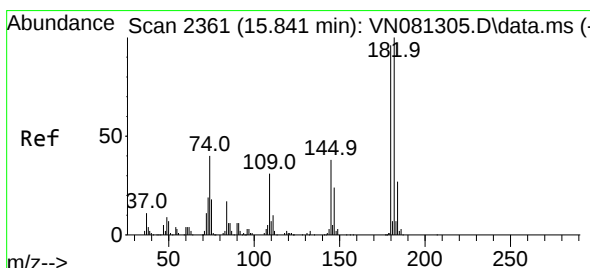
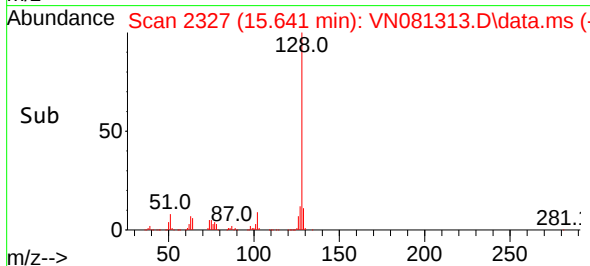
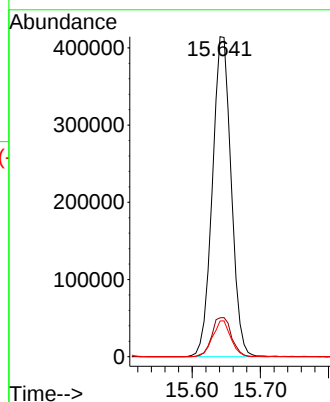
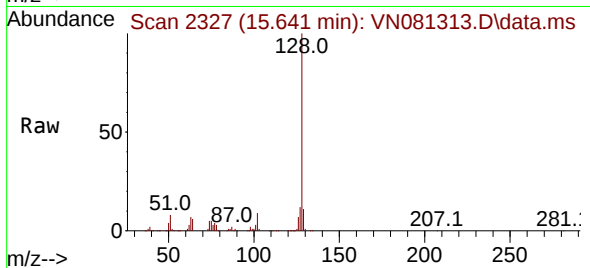
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#96

1,2,3-Trichlorobenzene

Concen: 44.958 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081313.D

Acq: 06 Mar 2024 09:30

Tgt Ion:180 Resp: 218176

Ion Ratio Lower Upper

180 100

182 95.9 46.5 139.3

145 36.5 17.8 53.4

