

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081747.D
 Acq On : 16 Apr 2024 10:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 03:19:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	293491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	522967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	496176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	211961	51.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.640%			
35) Dibromofluoromethane	8.165	113	174799	50.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.240%			
50) Toluene-d8	10.571	98	644646	50.671	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.340%			
62) 4-Bromofluorobenzene	12.853	95	242945	55.882	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 111.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	160981	43.311	ug/l	99
3) Chloromethane	2.359	50	156311	49.698	ug/l	99
4) Vinyl Chloride	2.512	62	242149	53.232	ug/l	97
5) Bromomethane	2.948	94	133764	48.668	ug/l	99
6) Chloroethane	3.118	64	121366	44.450	ug/l	99
7) Trichlorofluoromethane	3.495	101	259232	44.130	ug/l	100
8) Diethyl Ether	3.959	74	95899	46.506	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	146810	39.902	ug/l	99
10) Methyl Iodide	4.583	142	131097	66.385	ug/l	99
11) Tert butyl alcohol	5.512	59	153717	272.858	ug/l	100
12) 1,1-Dichloroethene	4.342	96	140150	40.192	ug/l	88
13) Acrolein	4.177	56	154068	257.257	ug/l	100
14) Allyl chloride	5.024	41	193625	43.753	ug/l	99
15) Acrylonitrile	5.718	53	378937	243.735	ug/l	99
16) Acetone	4.424	43	268259	233.380	ug/l	99
17) Carbon Disulfide	4.712	76	394583	38.932	ug/l	98
18) Methyl Acetate	5.024	43	154095	47.930	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	527763	52.001	ug/l	100
20) Methylene Chloride	5.271	84	166719	48.994	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	157328	44.921	ug/l	98
22) Diisopropyl ether	6.671	45	474590	49.281	ug/l	98
23) Vinyl Acetate	6.600	43	2013915m	267.907	ug/l	
24) 1,1-Dichloroethane	6.571	63	286850	45.271	ug/l	97
25) 2-Butanone	7.483	43	479939	253.278	ug/l	95
26) 2,2-Dichloropropane	7.489	77	258484	46.798	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	200416	46.778	ug/l	99
28) Bromochloromethane	7.812	49	124324	45.958	ug/l	95
29) Tetrahydrofuran	7.836	42	335392	273.578	ug/l	99
30) Chloroform	7.965	83	319184	44.424	ug/l	92
31) Cyclohexane	8.259	56	230262	40.644	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	287642	45.147	ug/l	99
36) 1,1-Dichloropropene	8.371	75	212358	44.136	ug/l	99
37) Ethyl Acetate	7.559	43	207201	52.407	ug/l	99
38) Carbon Tetrachloride	8.359	117	250884	44.818	ug/l	99
39) Methylcyclohexane	9.600	83	257805	45.482	ug/l	98
40) Benzene	8.606	78	682303	45.524	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	112145	52.252	ug/l	99
42) 1,2-Dichloroethane	8.671	62	241908	46.301	ug/l	99
43) Isopropyl Acetate	8.688	43	360575	48.884	ug/l	99
44) Trichloroethene	9.353	130	176143	45.193	ug/l	99
45) 1,2-Dichloropropane	9.624	63	164511	47.608	ug/l	97
46) Dibromomethane	9.712	93	133011	46.119	ug/l	99
47) Bromodichloromethane	9.888	83	263274	47.787	ug/l	97
48) Methyl methacrylate	9.683	41	160068	53.243	ug/l	99
49) 1,4-Dioxane	9.700	88	81466	1080.444	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	1086818	264.908	ug/l	100
52) Toluene	10.630	92	454874	47.780	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	277802	50.618	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	288072	49.274	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	174614	48.825	ug/l	98
56) Ethyl methacrylate	10.877	69	275005	55.887	ug/l	99
57) 1,3-Dichloropropane	11.165	76	292222	48.816	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	710468	272.874	ug/l	100
59) 2-Hexanone	11.200	43	821278	276.531	ug/l	99
60) Dibromochloromethane	11.359	129	218837	50.626	ug/l	98
61) 1,2-Dibromoethane	11.471	107	184251	49.391	ug/l	99
64) Tetrachloroethene	11.106	164	182513	43.355	ug/l	96
65) Chlorobenzene	11.894	112	510002	44.670	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	178485	45.826	ug/l	99
67) Ethyl Benzene	11.965	91	862200	47.976	ug/l	98
68) m/p-Xylenes	12.071	106	688397	98.505	ug/l	99
69) o-Xylene	12.400	106	338856	50.596	ug/l	99
70) Styrene	12.412	104	575454	52.448	ug/l	99
71) Bromoform	12.582	173	147937	49.225	ug/l #	99
73) Isopropylbenzene	12.700	105	849546	47.373	ug/l	98
74) N-amyl acetate	12.494	43	328482	50.329	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	230585	43.765	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	221408m	50.920	ug/l	
77) Bromobenzene	12.982	156	207053	45.287	ug/l	98
78) n-propylbenzene	13.035	91	989115	47.531	ug/l	99
79) 2-Chlorotoluene	13.129	91	602960	46.484	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	702088	47.927	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	106428	54.454	ug/l	93
82) 4-Chlorotoluene	13.223	91	599015	46.746	ug/l	99
83) tert-Butylbenzene	13.441	119	602592	46.965	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	727020	49.200	ug/l	99
85) sec-Butylbenzene	13.618	105	841906	47.022	ug/l	100
86) p-Isopropyltoluene	13.729	119	716387	48.815	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	389048	45.528	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	385338	44.221	ug/l	98
89) n-Butylbenzene	14.059	91	619463	48.278	ug/l	99
90) Hexachloroethane	14.335	117	133944	42.876	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	371619	44.931	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	51968	53.264	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	214727	49.285	ug/l	99
94) Hexachlorobutadiene	15.506	225	78692	41.899	ug/l	99
95) Naphthalene	15.641	128	786447	56.498	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	214851	48.232	ug/l	96

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VSTDCCC050

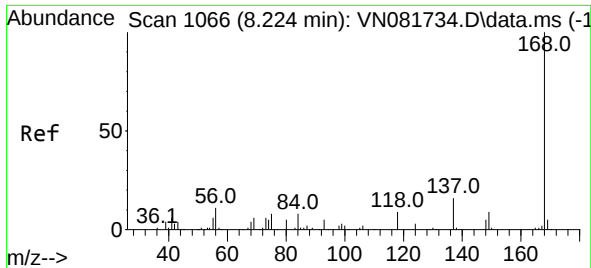
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Apr 15 15:37:39 2024
Response via : Initial Calibration

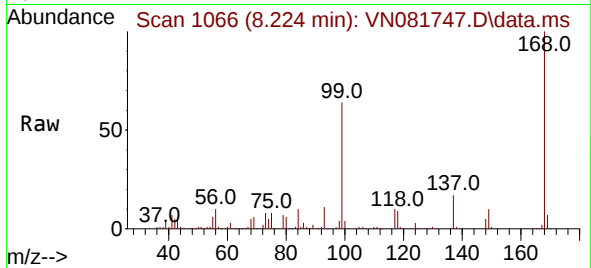
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081747.D
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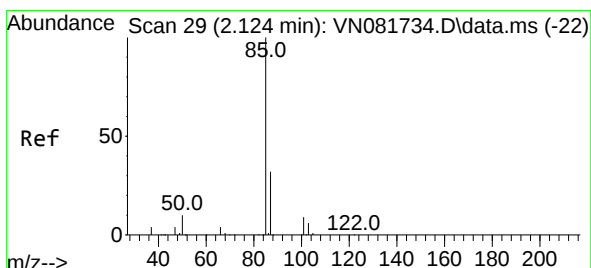
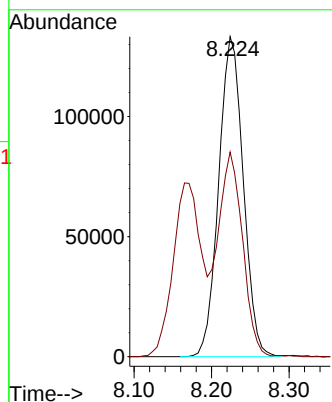
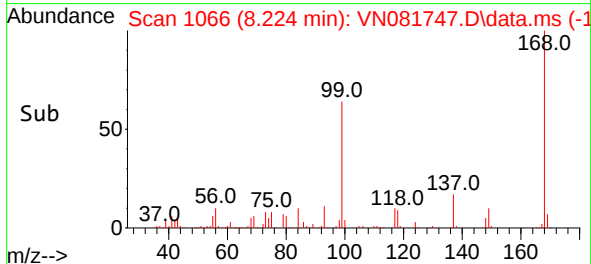
Instrument :
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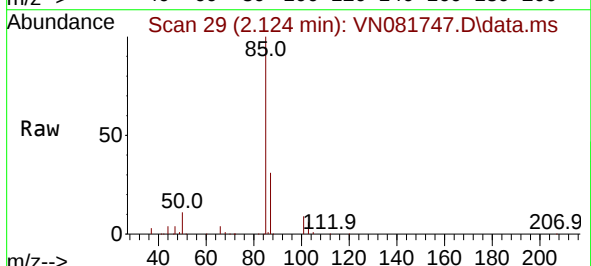
Tgt Ion:168 Resp: 29349
Ion Ratio Lower Upper
168 100
99 63.6 48.2 72.4

Manual Integrations
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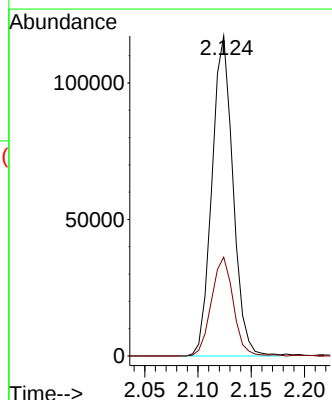
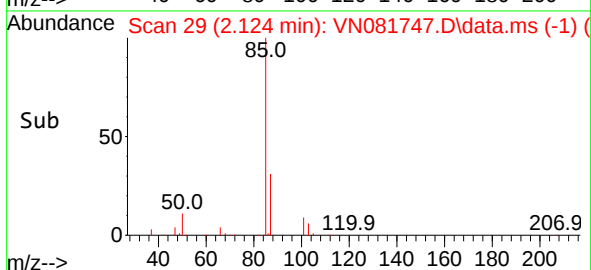
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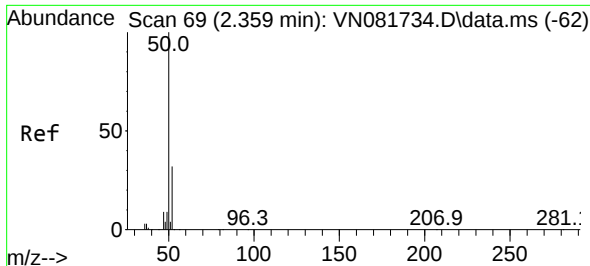


#2
Dichlorodifluoromethane
Concen: 43.311 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



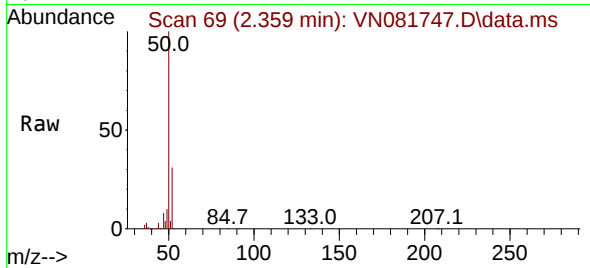
Tgt Ion: 85 Resp: 160981
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4





#3
Chloromethane
Concen: 49.698 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

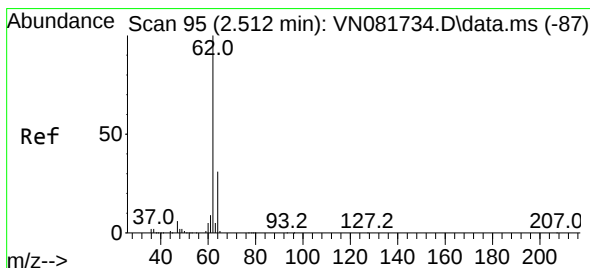
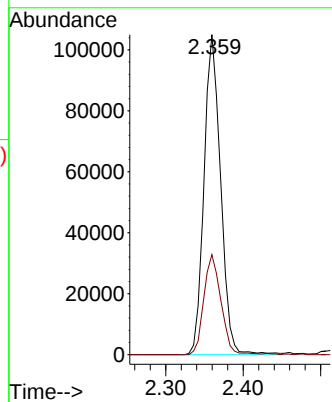
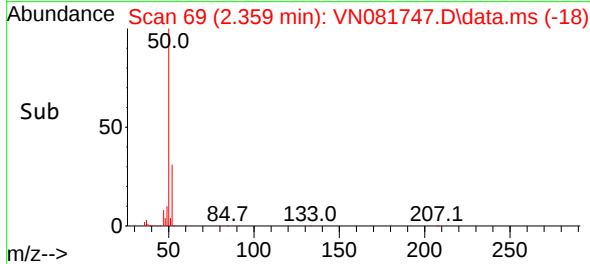
Instrument :
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Tgt Ion: 50 Resp: 15631
Ion Ratio Lower Upper
50 100
52 31.2 25.5 38.3

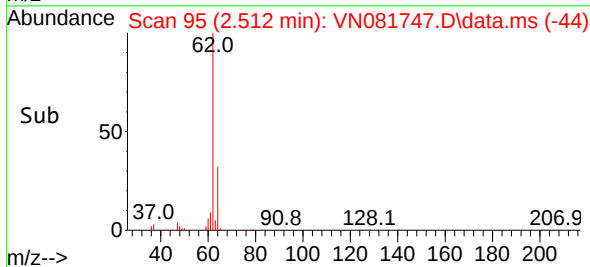
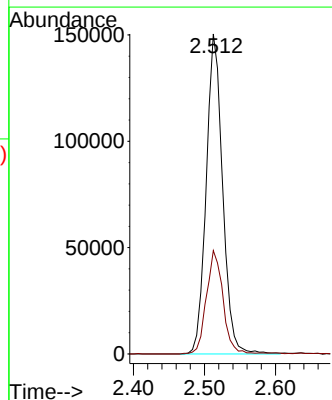
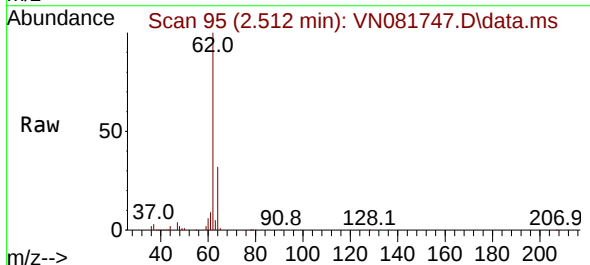
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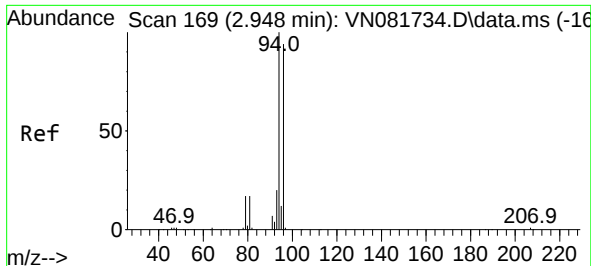
Reviewed By :John Carlone 04/17/2024
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#4
Vinyl Chloride
Concen: 53.232 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

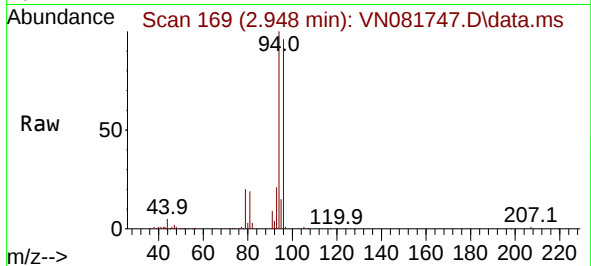
Tgt Ion: 62 Resp: 242149
Ion Ratio Lower Upper
62 100
64 32.3 24.6 37.0





#5
Bromomethane
Concen: 48.668 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

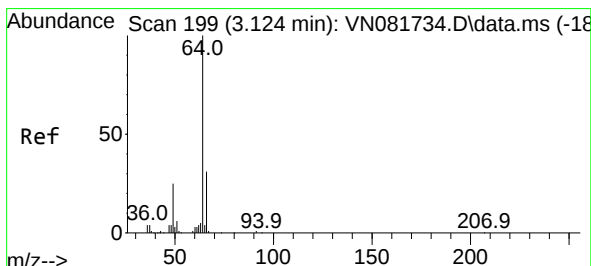
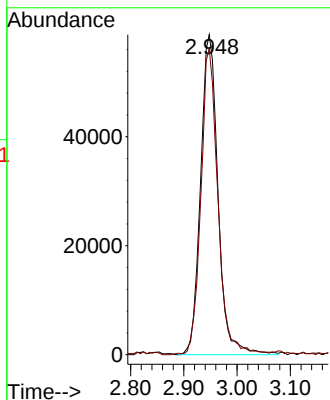
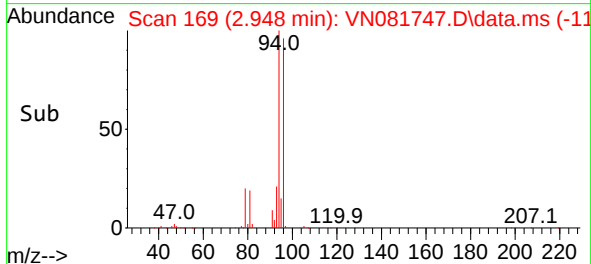
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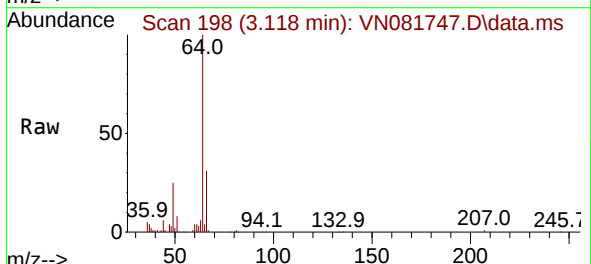
Tgt Ion: 94 Resp: 133764
Ion Ratio Lower Upper
94 100
96 94.8 74.8 112.2

Manual Integrations
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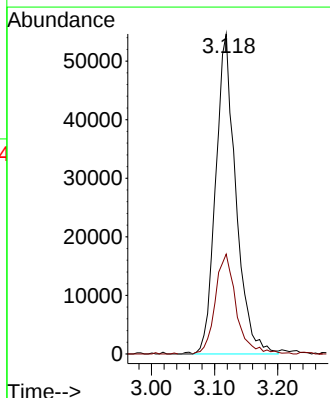
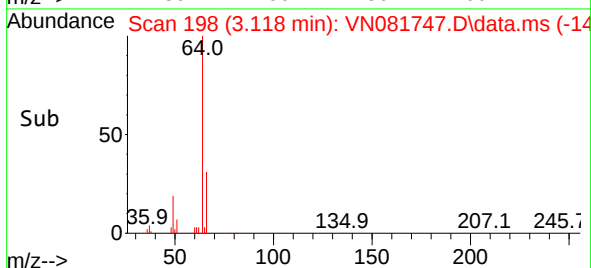
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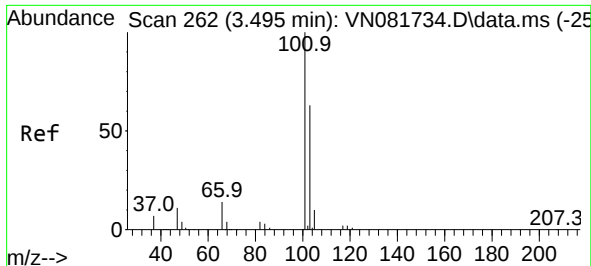


#6
Chloroethane
Concen: 44.450 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081747.D
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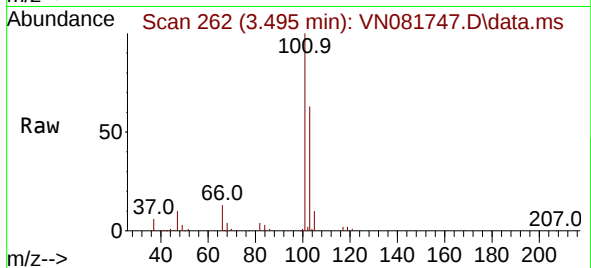
Tgt Ion: 64 Resp: 121366
Ion Ratio Lower Upper
64 100
66 31.2 24.7 37.1





#7
Trichlorofluoromethane
Concen: 44.130 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

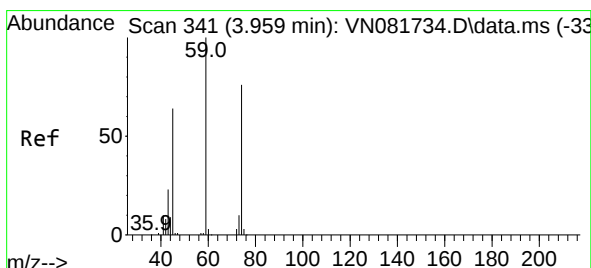
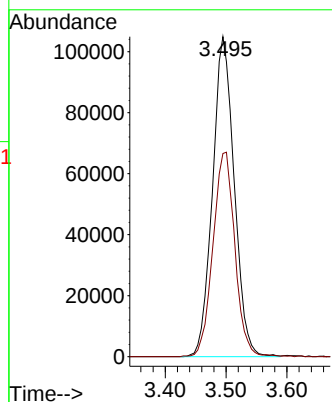
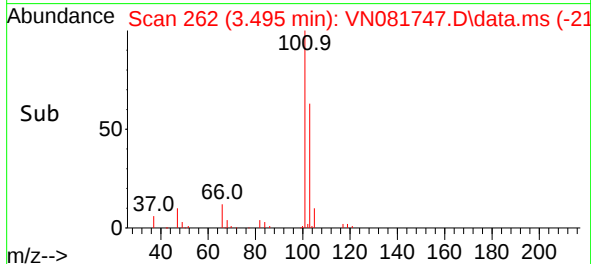
Instrument :
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Tgt Ion:101 Resp: 25923
Ion Ratio Lower Upper
101 100
103 63.5 50.6 75.8

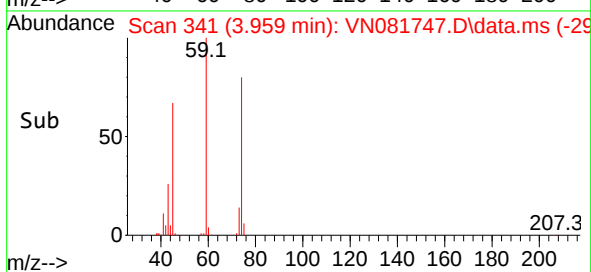
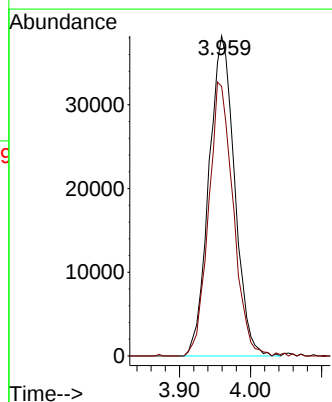
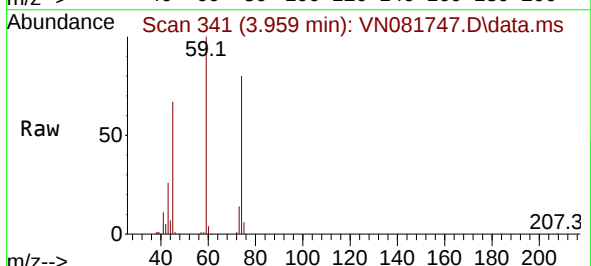
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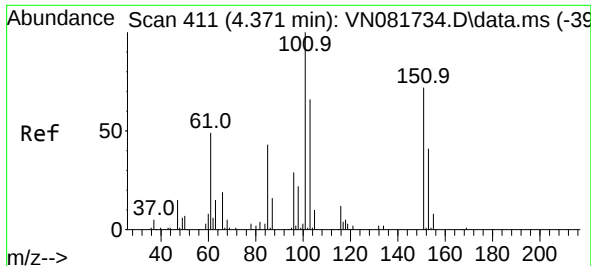
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#8
Diethyl Ether
Concen: 46.506 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081747.D
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Tgt Ion: 74 Resp: 95899
Ion Ratio Lower Upper
74 100
45 81.8 42.4 127.3





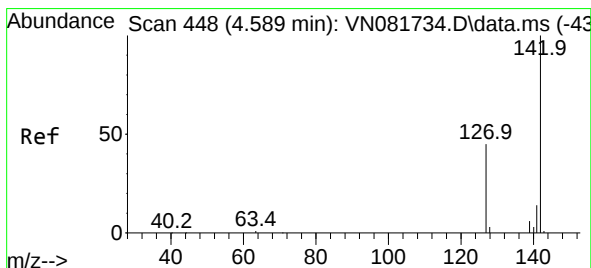
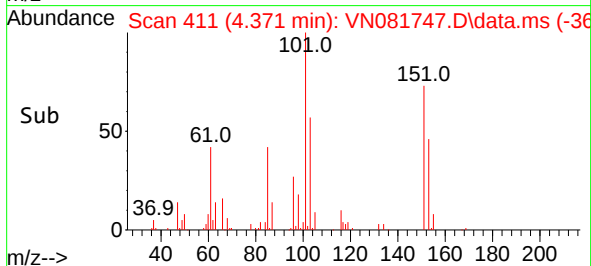
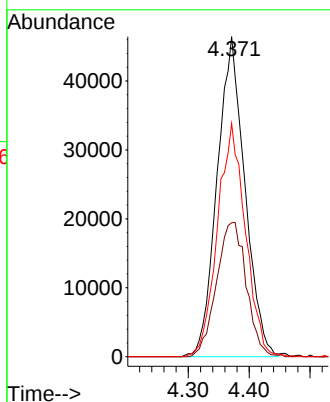
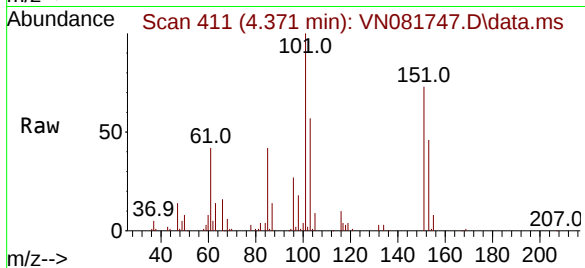
#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.902 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 146810
Ion Ratio Lower Upper
101 100
85 45.1 37.3 55.9
151 73.4 59.2 88.8

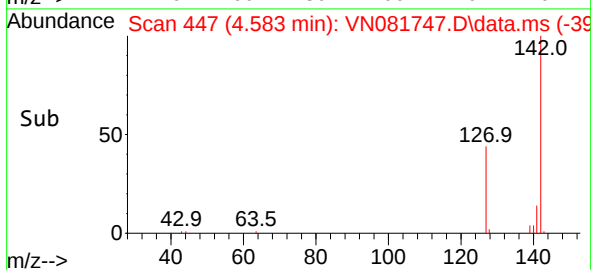
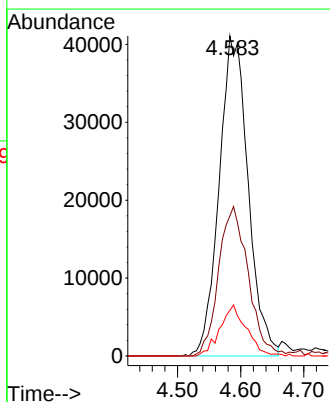
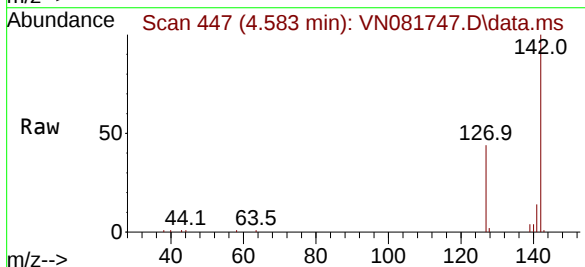
Manual Integrations
APPROVED

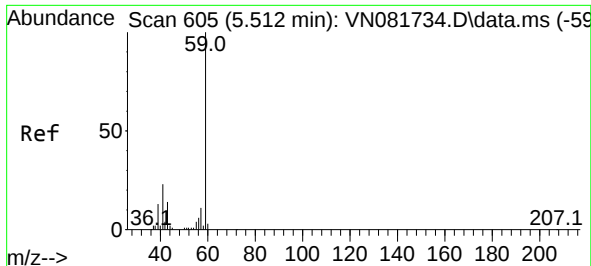
Reviewed By :John Carbone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#10
Methyl Iodide
Concen: 66.385 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

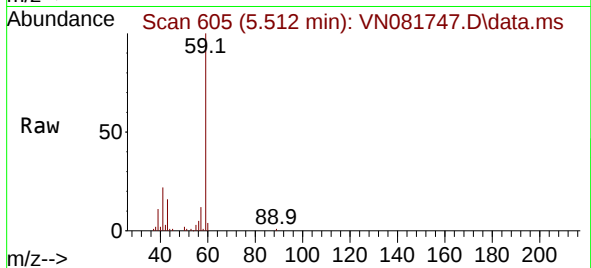
Tgt Ion:142 Resp: 131097
Ion Ratio Lower Upper
142 100
127 43.8 35.8 53.6
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 272.858 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

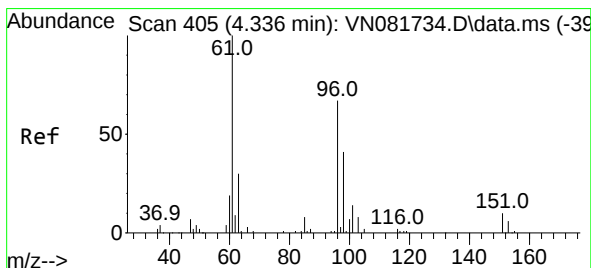
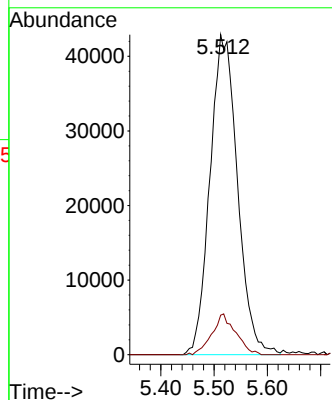
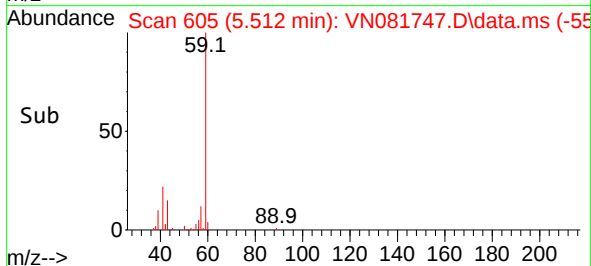
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



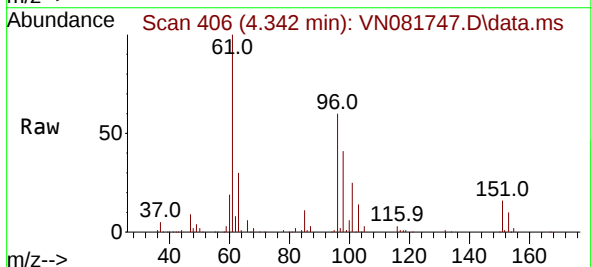
Tgt Ion: 59 Resp: 15371
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3

Manual Integrations
APPROVED

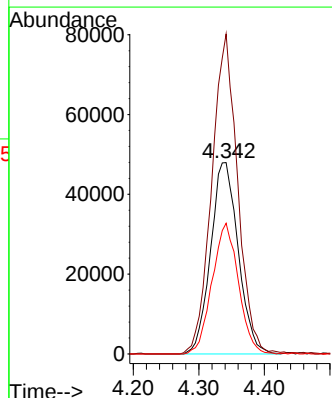
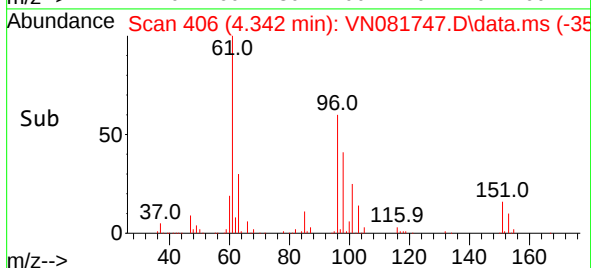
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

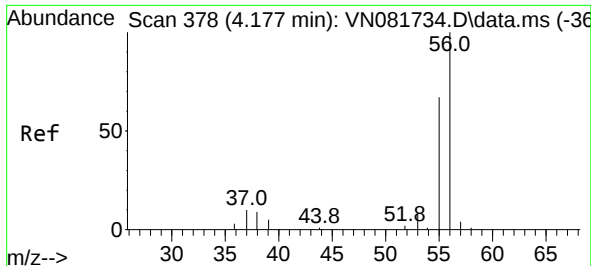


#12
1,1-Dichloroethene
Concen: 40.192 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



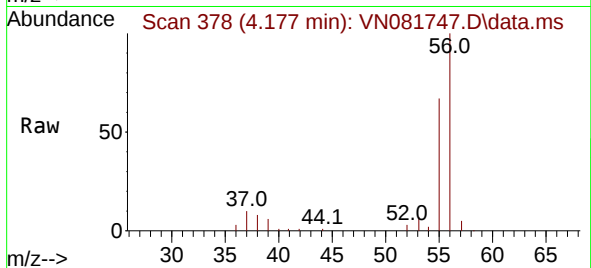
Tgt Ion: 96 Resp: 140150
Ion Ratio Lower Upper
96 100
61 167.2 119.7 179.5
98 68.4 49.6 74.4





#13
Acrolein
Concen: 257.257 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

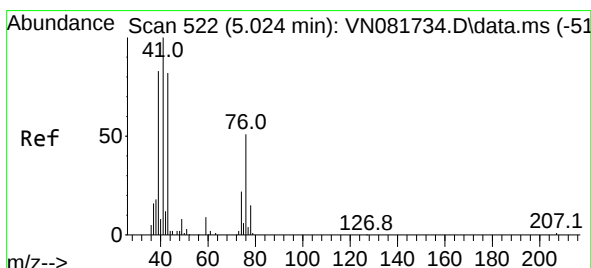
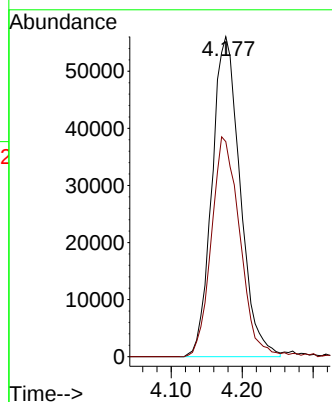
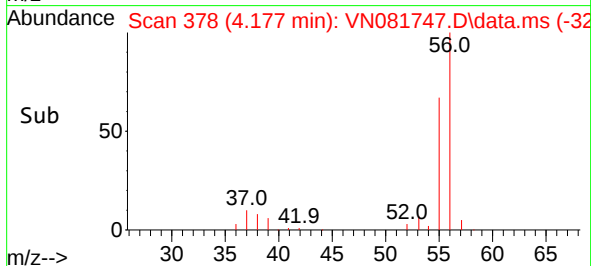
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



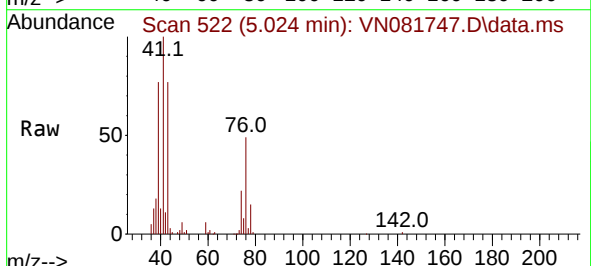
Tgt Ion: 56 Resp: 15406
Ion Ratio Lower Upper
56 100
55 69.7 55.8 83.8

Manual Integrations
APPROVED

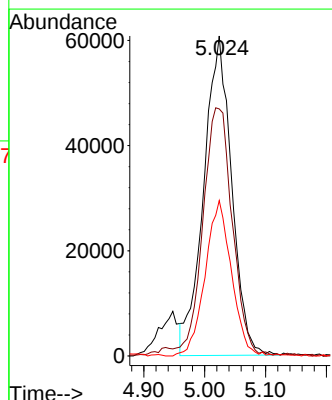
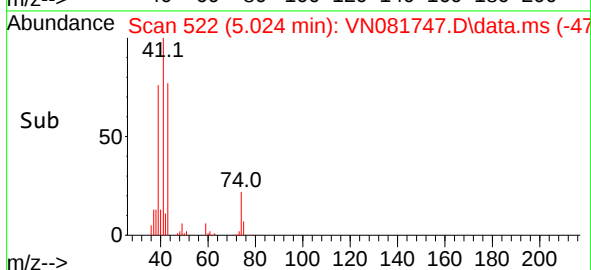
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

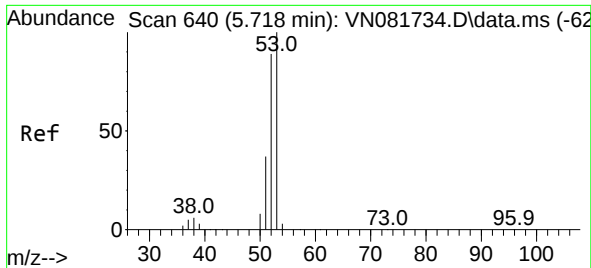


#14
Allyl chloride
Concen: 43.753 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



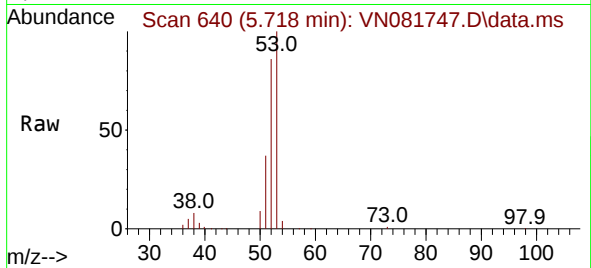
Tgt Ion: 41 Resp: 193625
Ion Ratio Lower Upper
41 100
39 81.4 65.4 98.0
76 45.8 37.3 55.9





#15
Acrylonitrile
Concen: 243.735 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

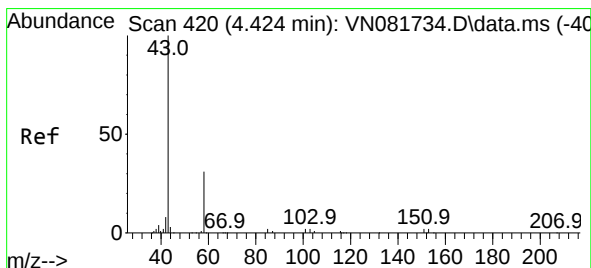
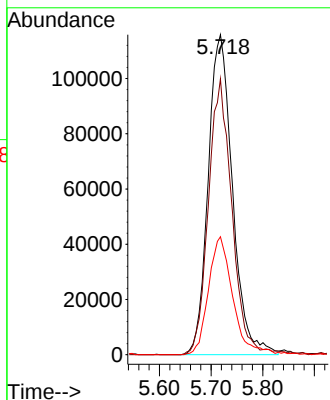
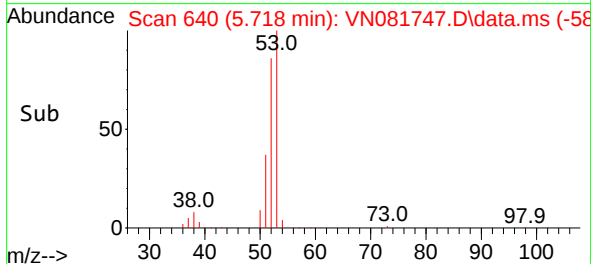
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 37893
Ion Ratio Lower Upper
53 100
52 83.7 66.1 99.1
51 36.9 29.4 44.2

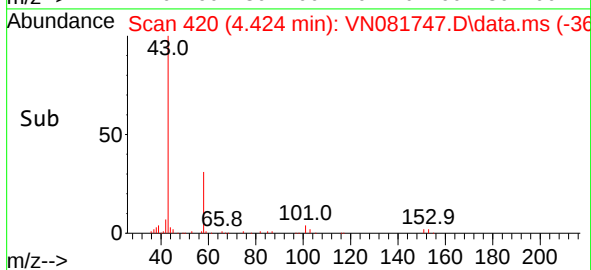
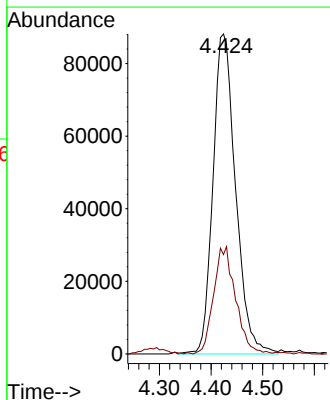
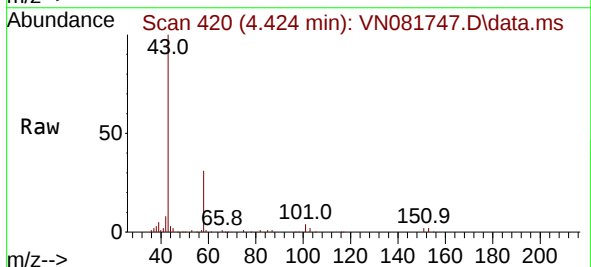
Manual Integrations
APPROVED

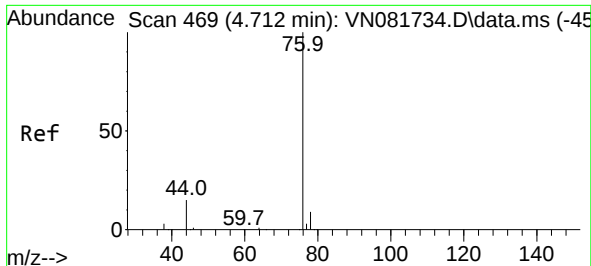
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#16
Acetone
Concen: 233.380 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

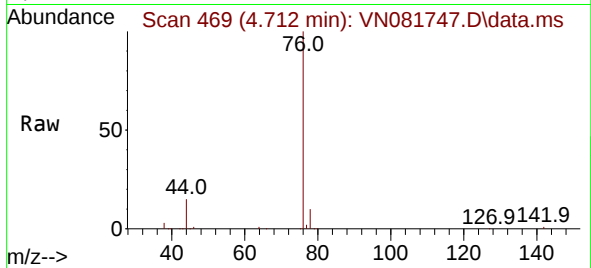
Tgt Ion: 43 Resp: 268259
Ion Ratio Lower Upper
43 100
58 30.7 25.2 37.8





#17
Carbon Disulfide
Concen: 38.932 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

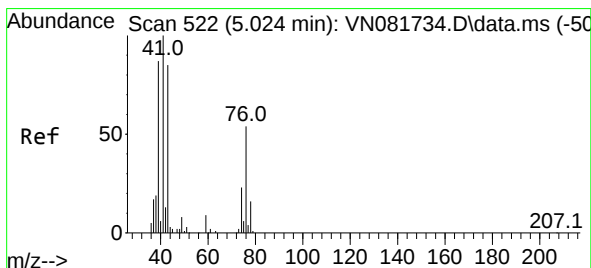
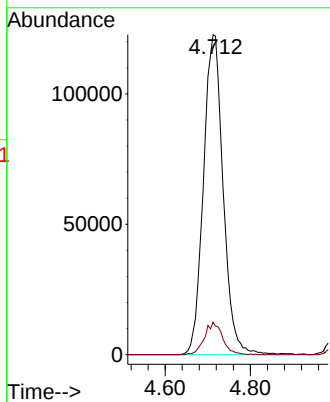
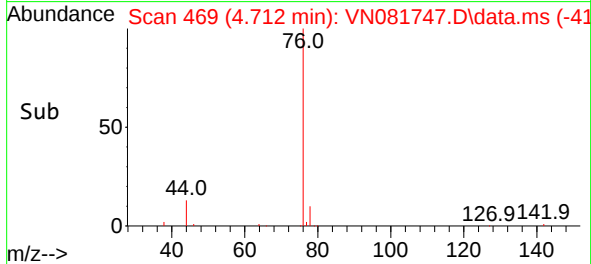
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 39458
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3

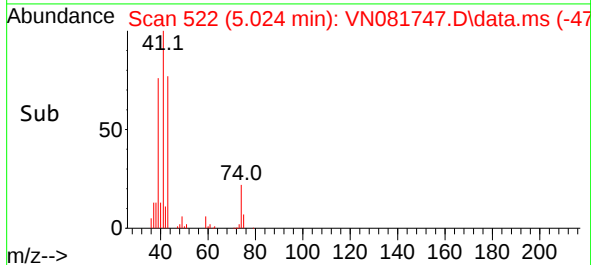
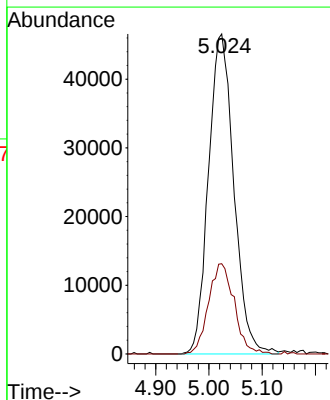
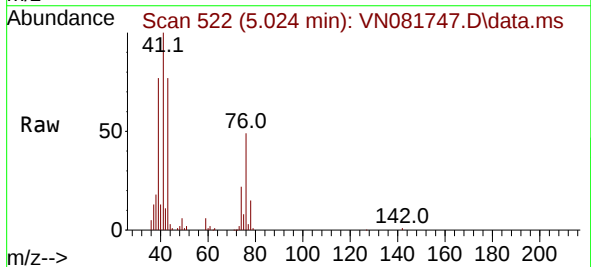
Manual Integrations
APPROVED

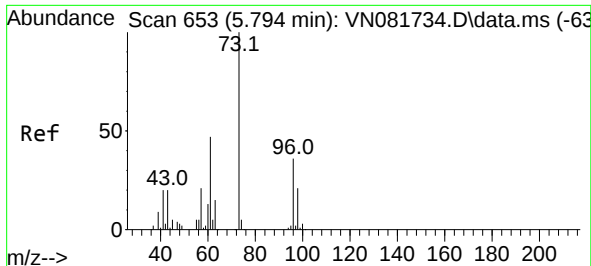
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#18
Methyl Acetate
Concen: 47.930 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

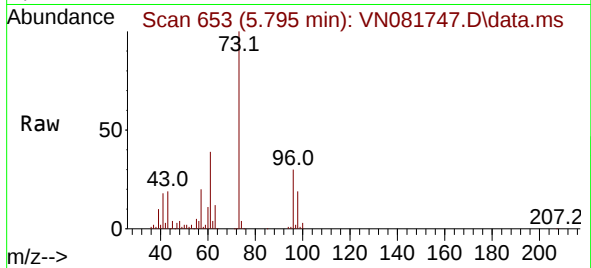
Tgt Ion: 43 Resp: 154095
Ion Ratio Lower Upper
43 100
74 28.6 22.2 33.2





#19
Methyl tert-butyl Ether
Concen: 52.001 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

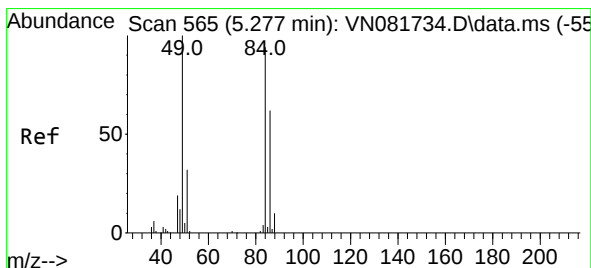
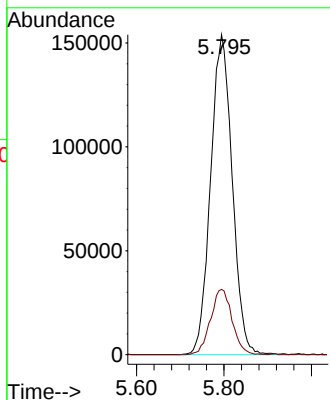
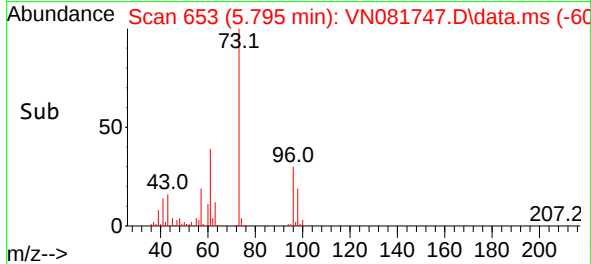
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 52776
Ion Ratio Lower Upper
73 100
57 20.4 16.5 24.7

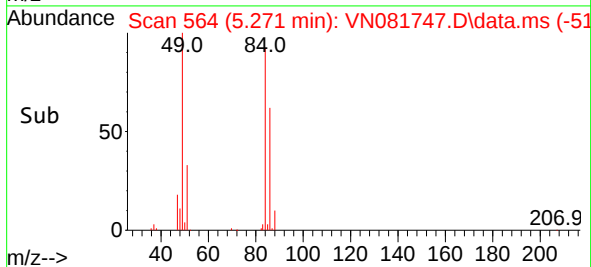
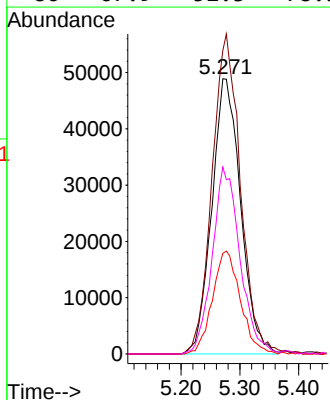
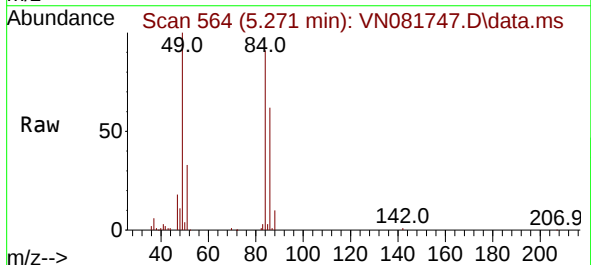
Manual Integrations
APPROVED

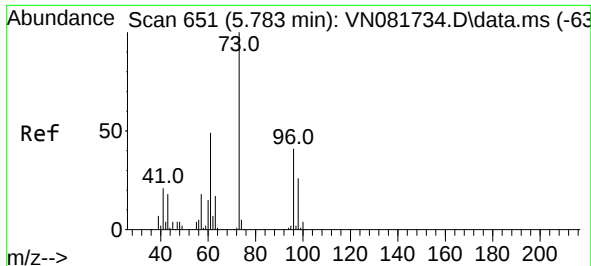
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#20
Methylene Chloride
Concen: 48.994 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

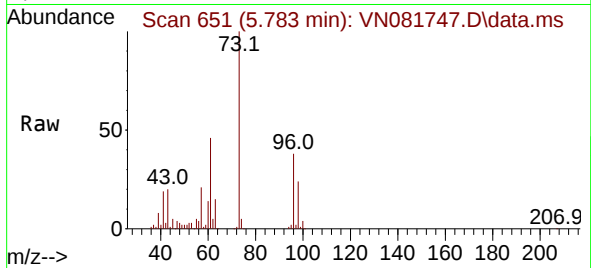
Tgt Ion: 84 Resp: 166719
Ion Ratio Lower Upper
84 100
49 110.3 84.9 127.3
51 36.5 27.0 40.6
86 67.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 44.921 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

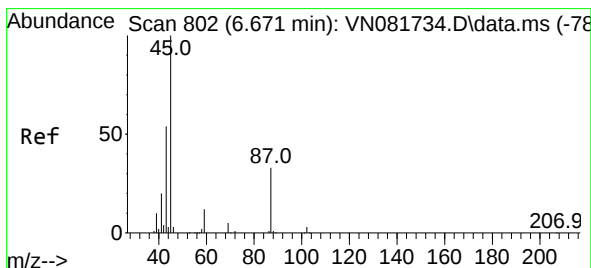
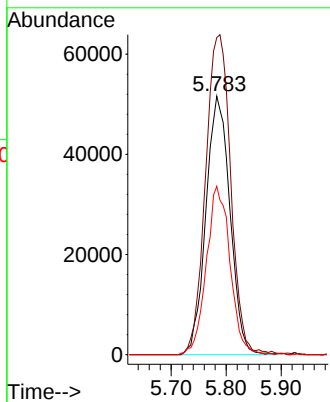
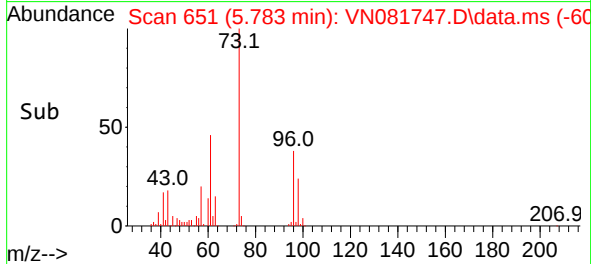
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 157328
Ion Ratio Lower Upper
96 100
61 122.6 96.5 144.7
98 65.1 51.3 76.9

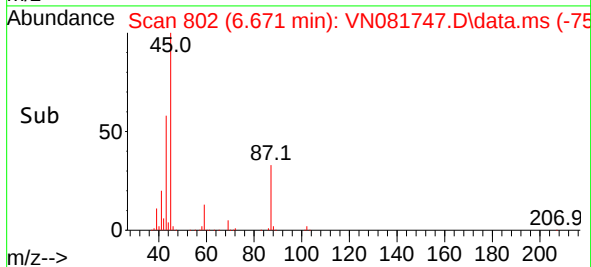
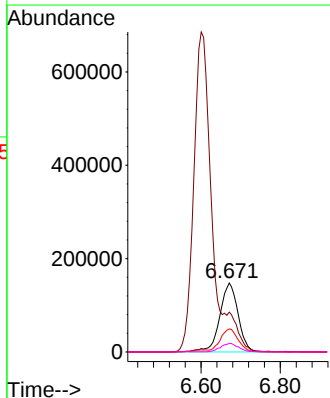
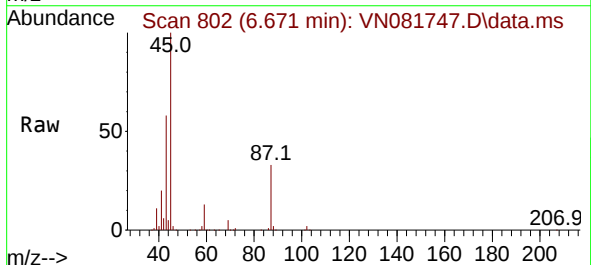
Manual Integrations
APPROVED

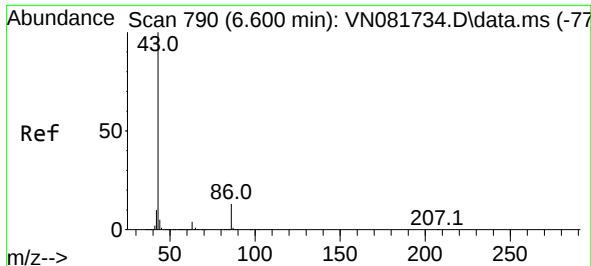
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#22
Diisopropyl ether
Concen: 49.281 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

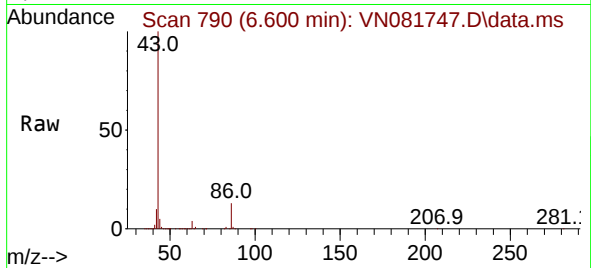
Tgt Ion: 45 Resp: 474590
Ion Ratio Lower Upper
45 100
43 57.2 44.1 66.1
87 33.4 27.0 40.6
59 12.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 267.907 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081747.D
 Acq: 16 Apr 2024 10:06

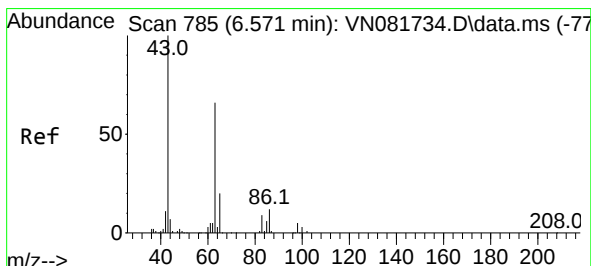
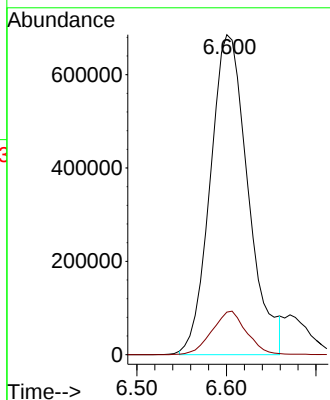
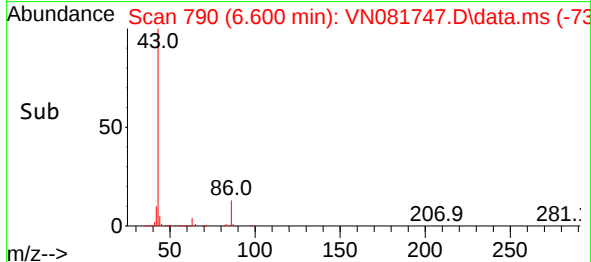
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



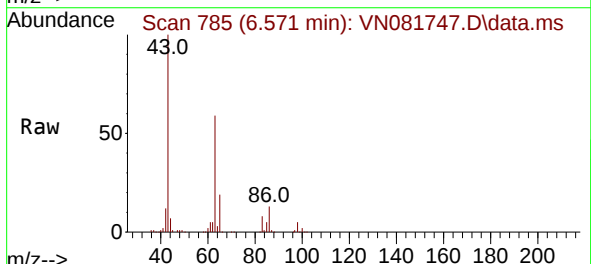
Tgt Ion: 43 Resp: 201391
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.2 15.4

Manual Integrations
 APPROVED

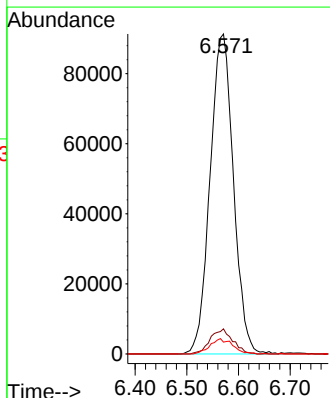
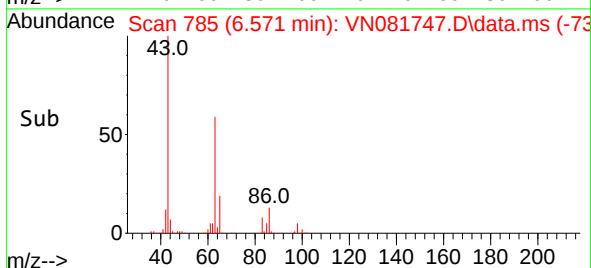
Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024

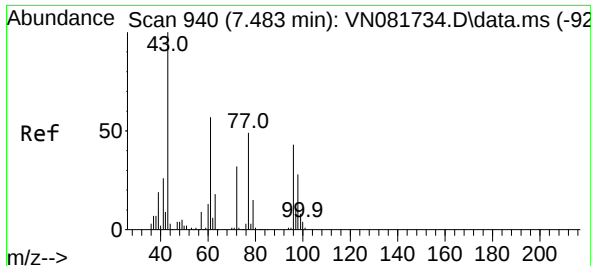


#24
 1,1-Dichloroethane
 Concen: 45.271 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081747.D
 Acq: 16 Apr 2024 10:06



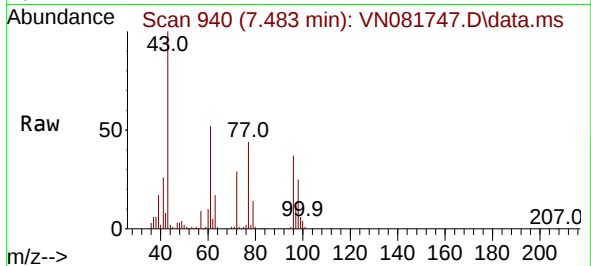
Tgt Ion: 63 Resp: 286850
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.9
 100 3.7 2.6 7.8





#25
2-Butanone
Concen: 253.278 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

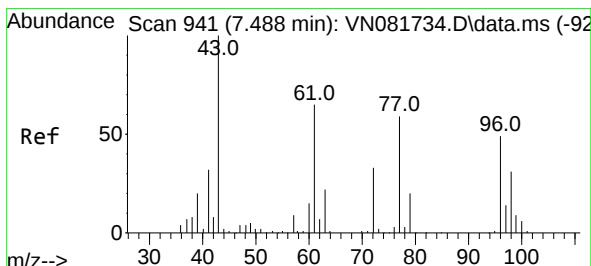
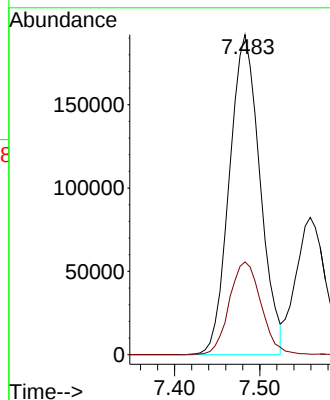
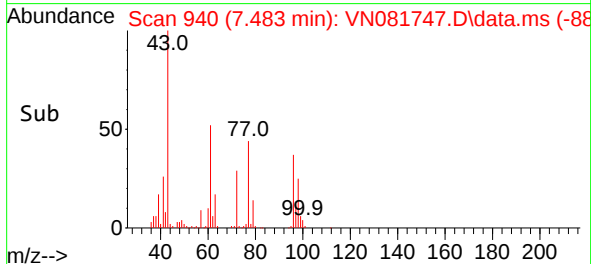
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



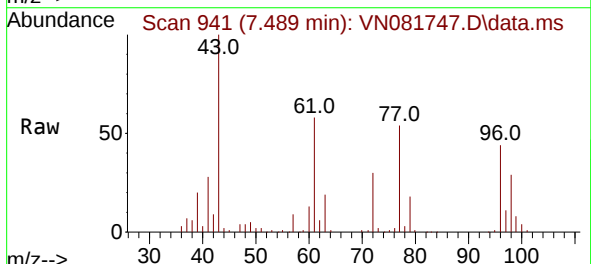
Tgt Ion: 43 Resp: 479939
Ion Ratio Lower Upper
43 100
72 29.0 25.3 37.9

Manual Integrations
APPROVED

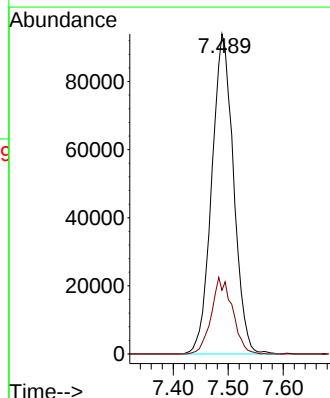
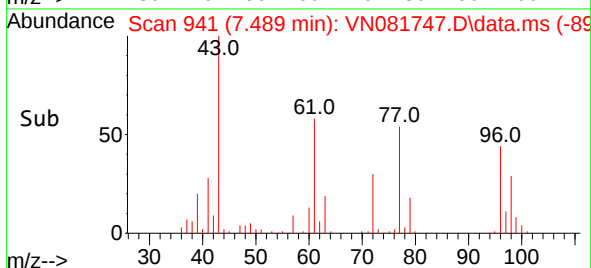
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

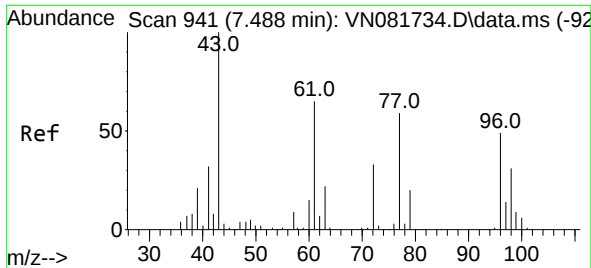


#26
2,2-Dichloropropane
Concen: 46.798 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



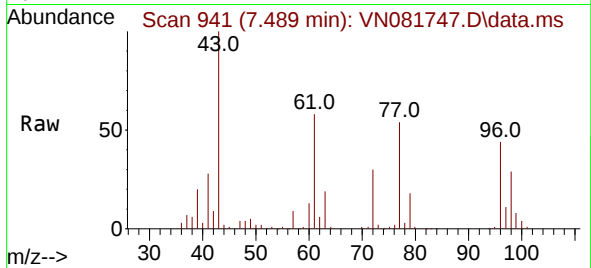
Tgt Ion: 77 Resp: 258484
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 46.778 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN081747.D
 Acq: 16 Apr 2024 10:06

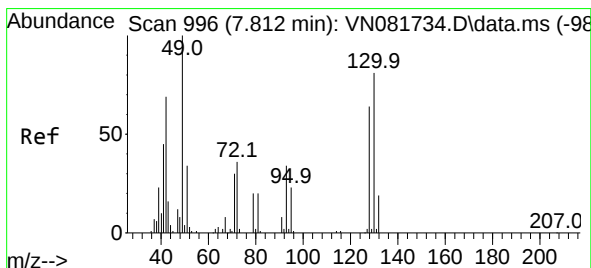
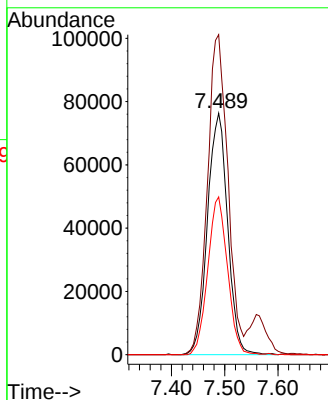
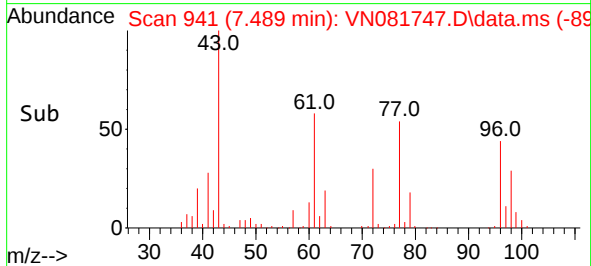
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 200410
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 268.0
 98 64.0 0.0 126.8

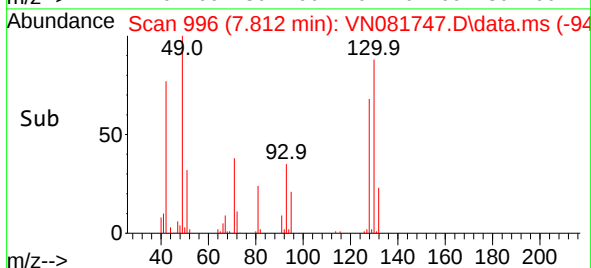
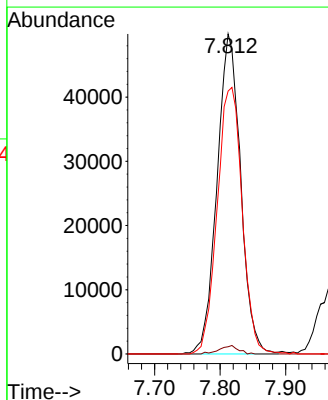
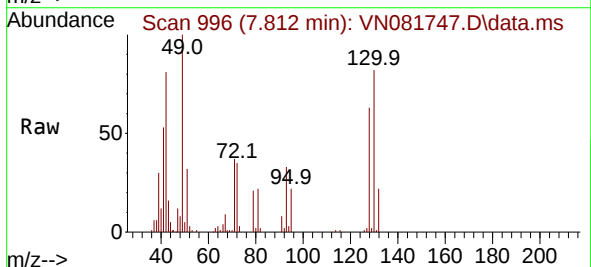
Manual Integrations
 APPROVED

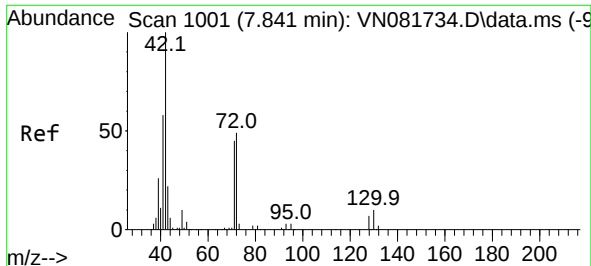
Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024



#28
 Bromochloromethane
 Concen: 45.958 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081747.D
 Acq: 16 Apr 2024 10:06

Tgt Ion: 49 Resp: 124324
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 88.2 66.7 100.1





#29

Tetrahydrofuran

Concen: 273.578 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.005 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

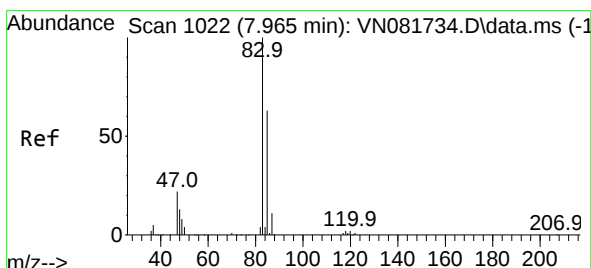
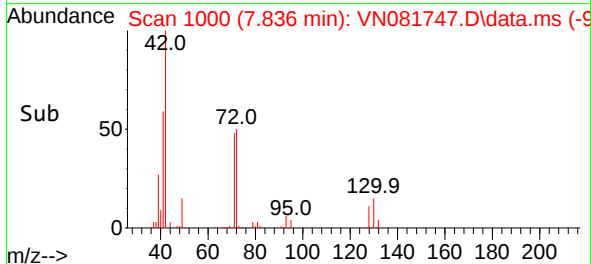
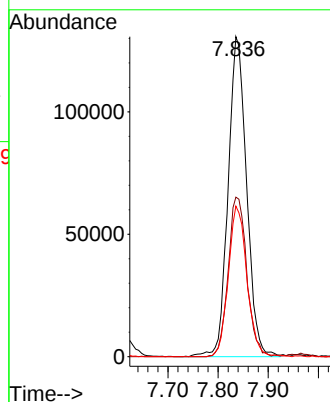
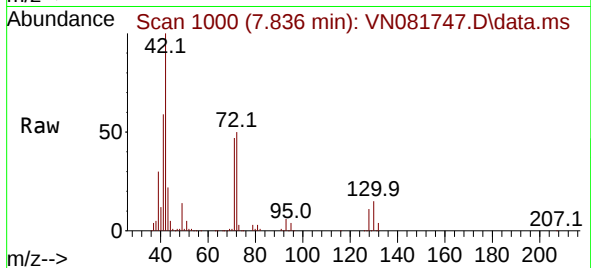
Tgt Ion:	42	Resp:	335392
Ion Ratio	Lower	Upper	
42	100		
72	50.2	39.3	58.9
71	47.3	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#30

Chloroform

Concen: 44.424 ug/l

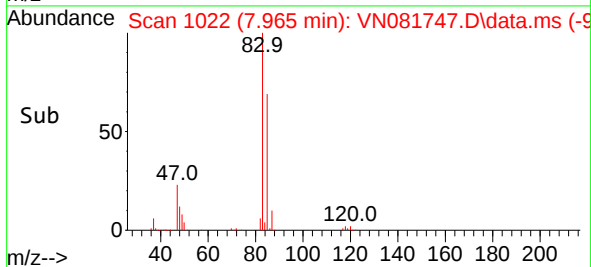
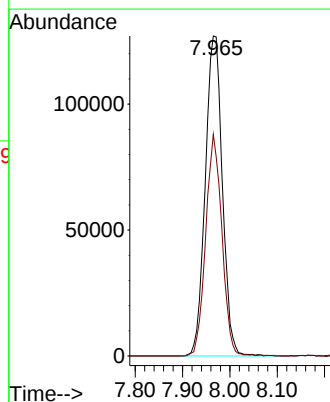
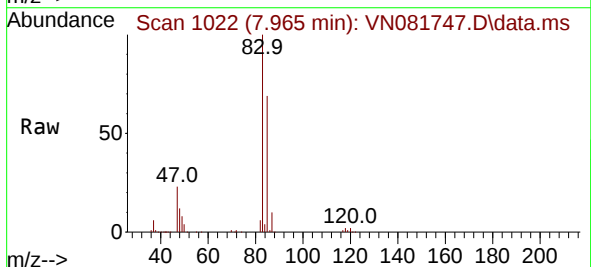
RT: 7.965 min Scan# 1022

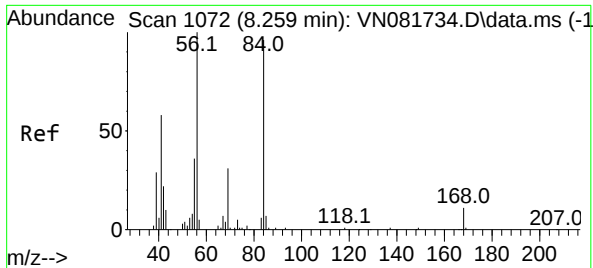
Delta R.T. -0.000 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

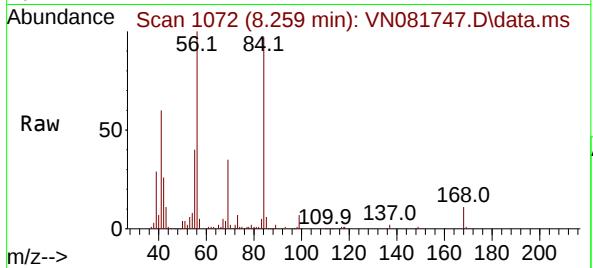
Tgt Ion:	83	Resp:	319184
Ion Ratio	Lower	Upper	
83	100		
85	69.2	50.7	76.1





#31
Cyclohexane
Concen: 40.644 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

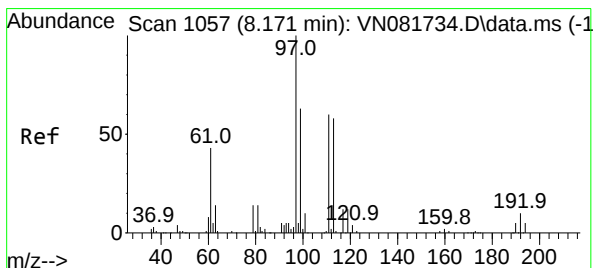
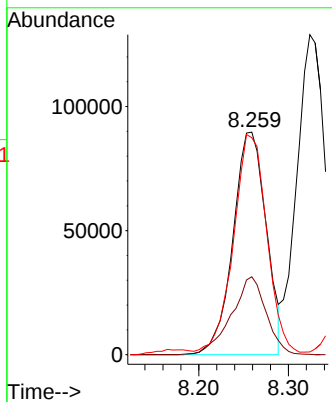
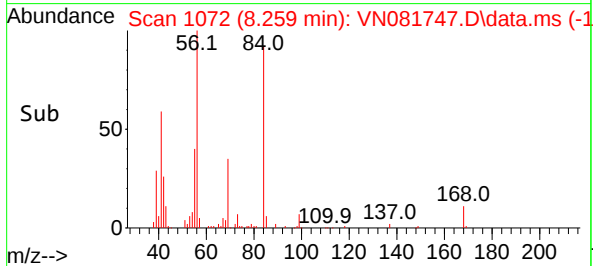
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



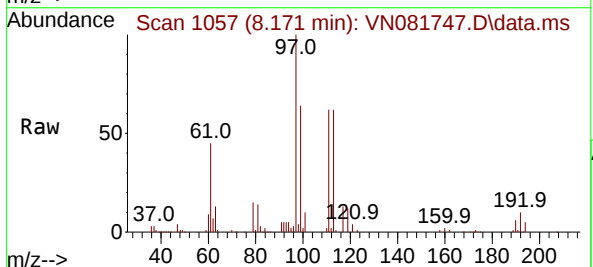
Tgt Ion: 56 Resp: 230262
Ion Ratio Lower Upper
56 100
69 35.0 24.4 36.6
84 95.3 77.0 115.4

Manual Integrations
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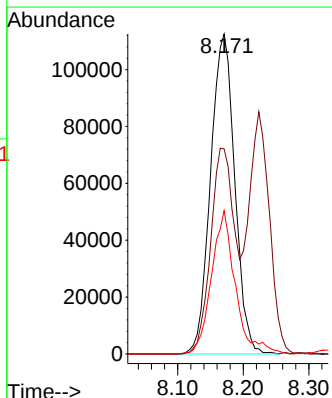
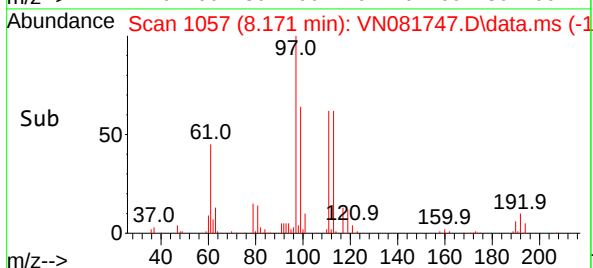
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

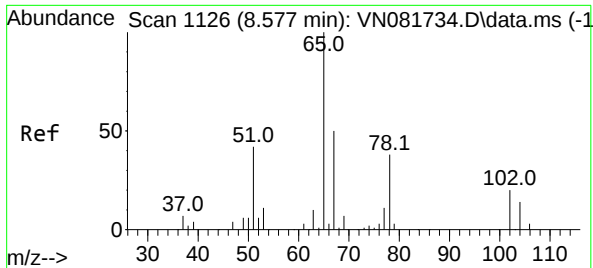


#32
1,1,1-Trichloroethane
Concen: 45.147 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



Tgt Ion: 97 Resp: 287642
Ion Ratio Lower Upper
97 100
99 63.1 50.3 75.5
61 44.2 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 51.324 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 21196

Ion Ratio Lower Upper

65 100

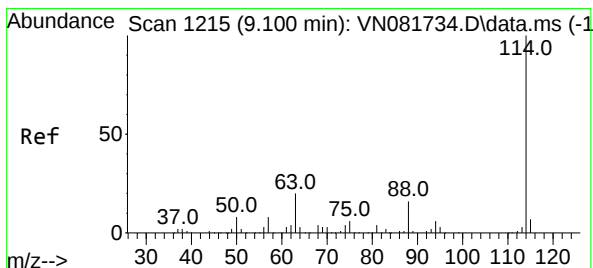
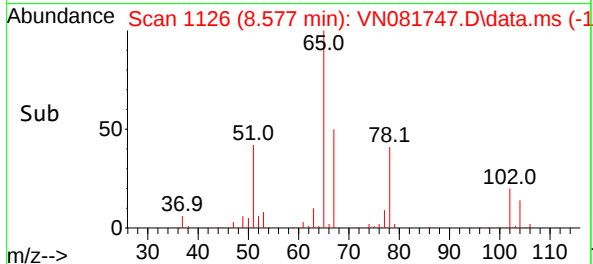
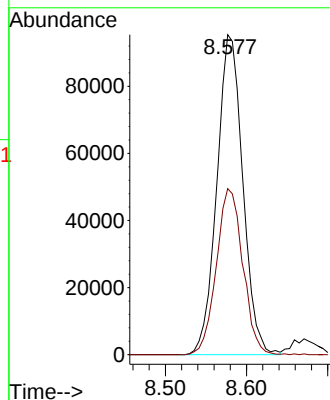
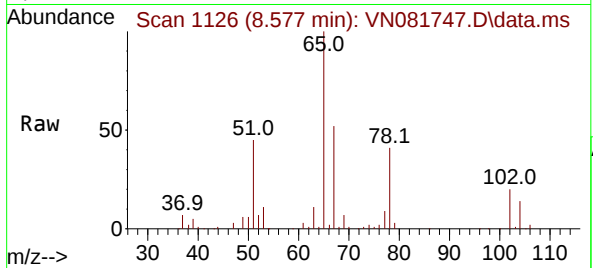
67 52.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

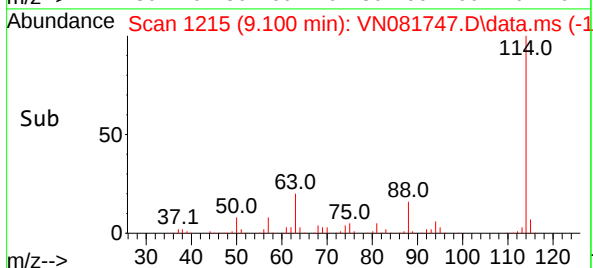
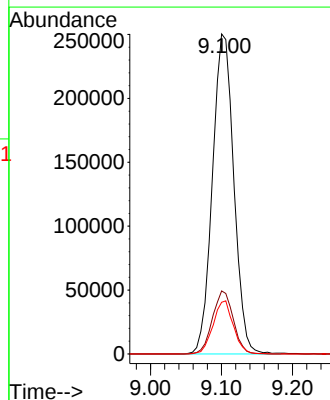
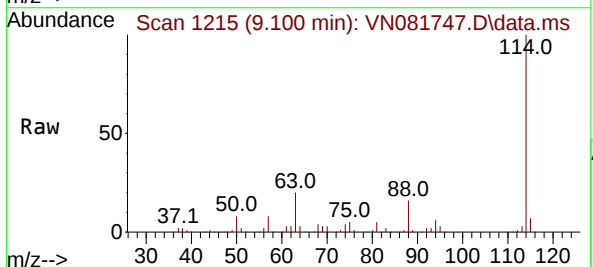
Tgt Ion:114 Resp: 522967

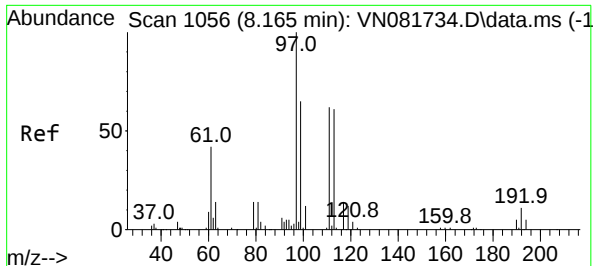
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.0

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.617 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 174799

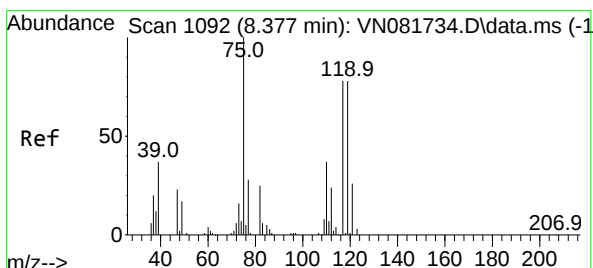
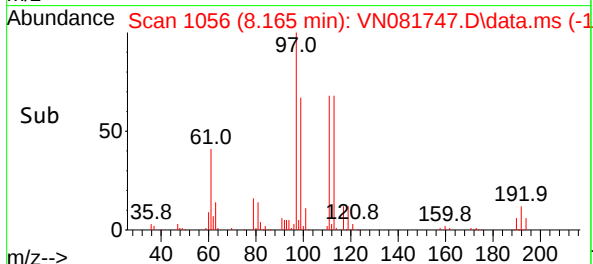
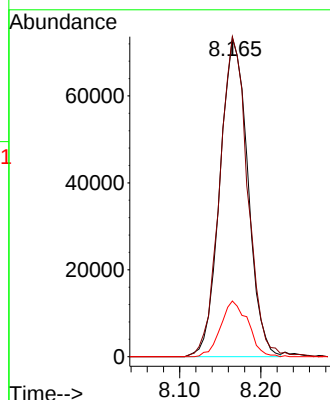
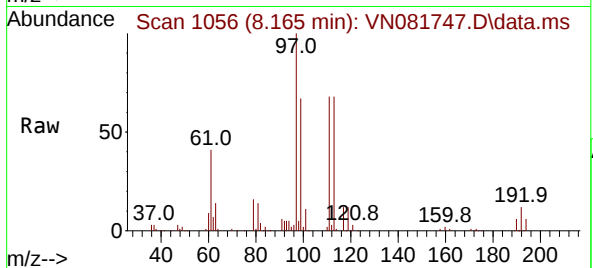
Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.4	125.2
192	17.2	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#36

1,1-Dichloropropene

Concen: 44.136 ug/l

RT: 8.371 min Scan# 1091

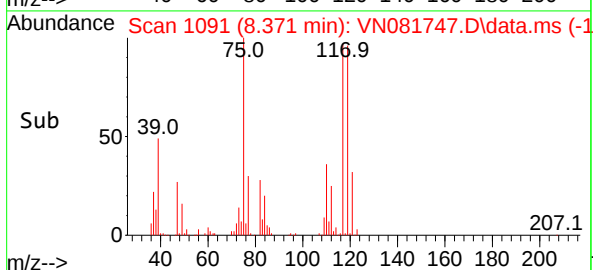
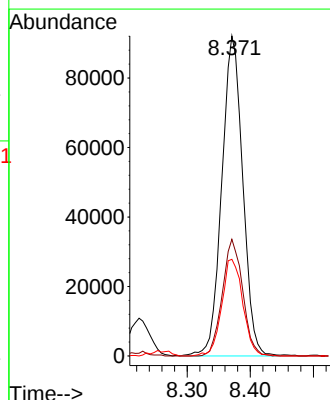
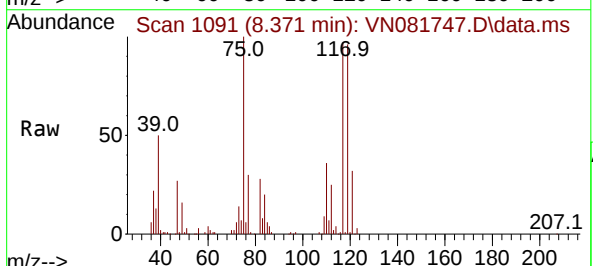
Delta R.T. -0.006 min

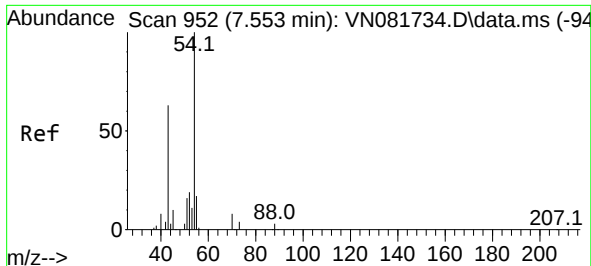
Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

Tgt Ion: 75 Resp: 212358

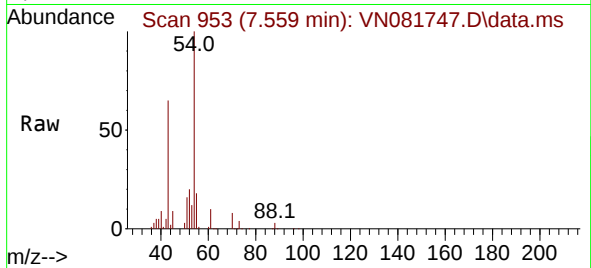
Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.8	53.5
77	30.4	25.0	37.4





#37
Ethyl Acetate
Concen: 52.407 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

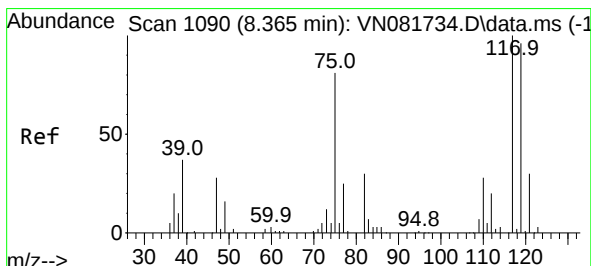
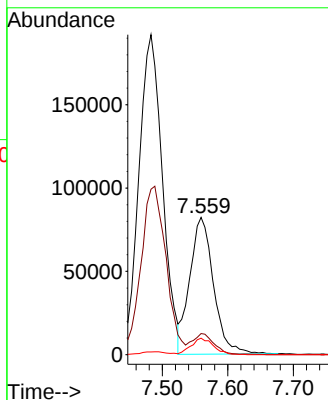
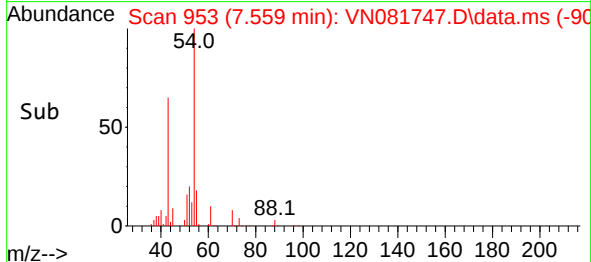
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 20720
Ion Ratio Lower Upper
43 100
61 13.5 11.3 16.9
70 11.3 8.7 13.1

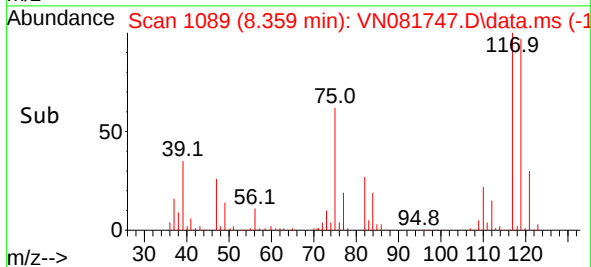
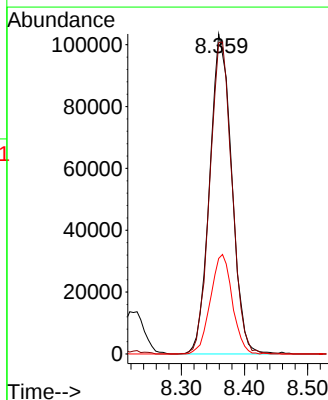
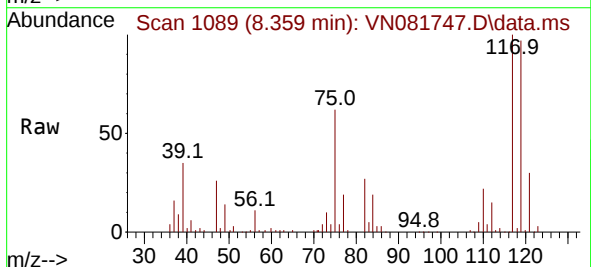
Manual Integrations
APPROVED

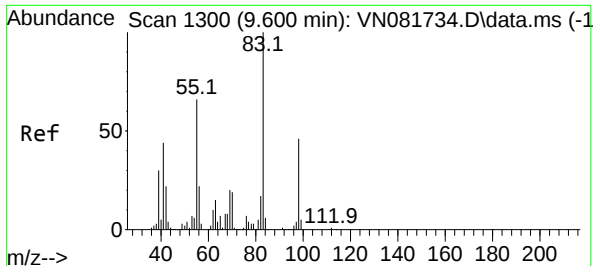
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#38
Carbon Tetrachloride
Concen: 44.818 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

Tgt Ion:117 Resp: 250884
Ion Ratio Lower Upper
117 100
119 97.3 76.5 114.7
121 29.8 23.9 35.9





#39

Methylcyclohexane

Concen: 45.482 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

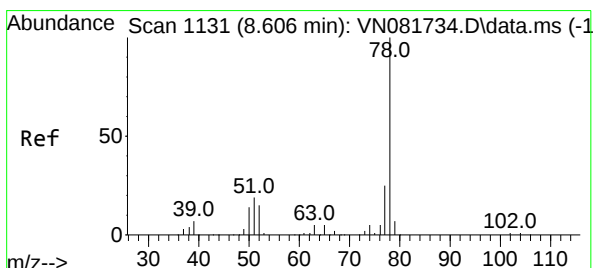
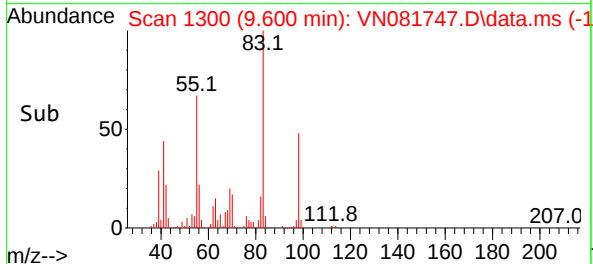
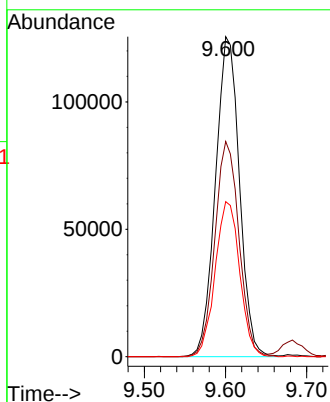
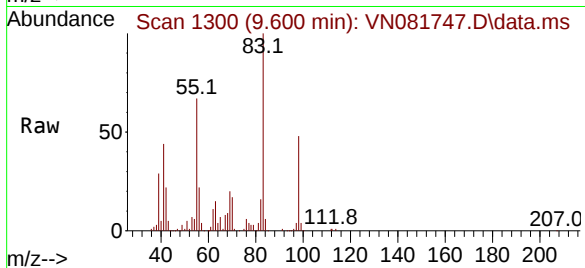
Tgt Ion:	83	Resp:	25780
Ion Ratio	Lower	Upper	
83	100		
55	67.2	53.0	79.6
98	48.4	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#40

Benzene

Concen: 45.524 ug/l

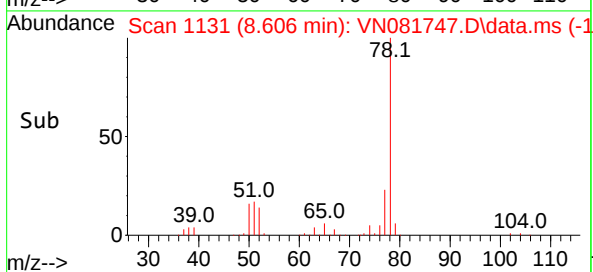
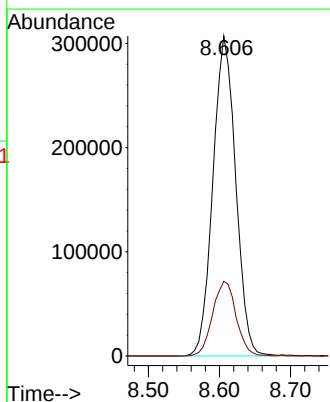
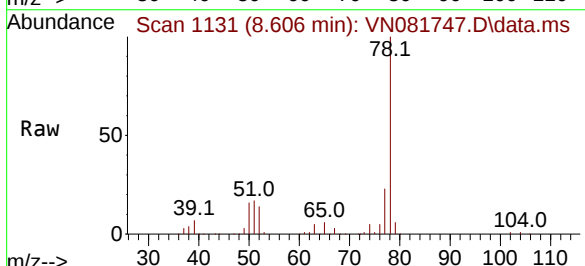
RT: 8.606 min Scan# 1131

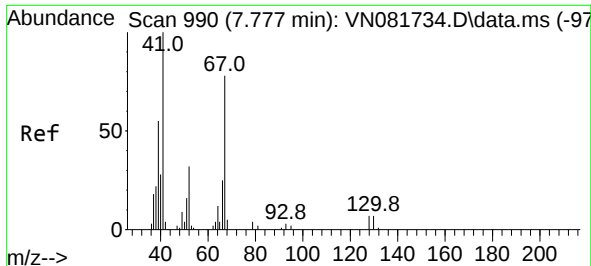
Delta R.T. 0.000 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

Tgt Ion:	78	Resp:	682303
Ion Ratio	Lower	Upper	
78	100		
77	23.3	20.0	30.0





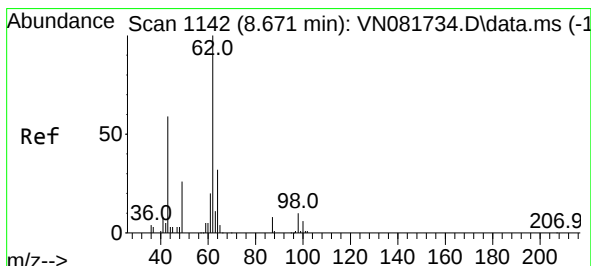
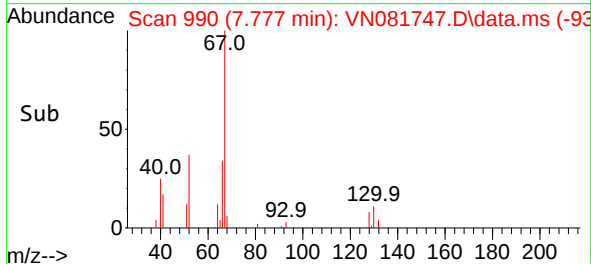
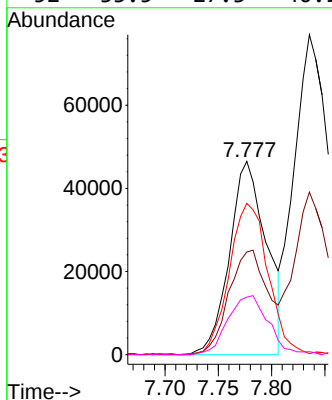
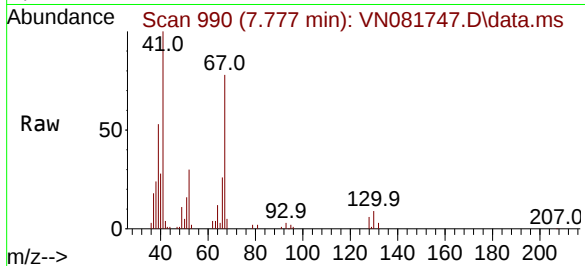
#41
Methacrylonitrile
Concen: 52.252 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 112149
Ion Ratio Lower Upper
41 100
39 57.5 46.6 69.8
67 83.0 67.3 100.9
52 33.5 27.3 40.9

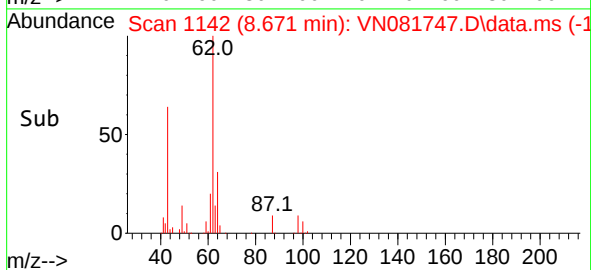
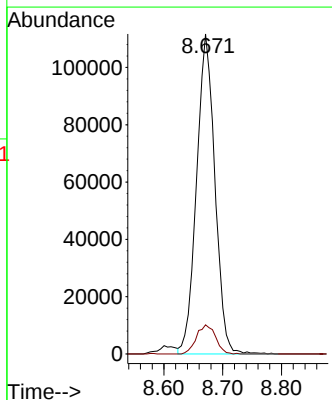
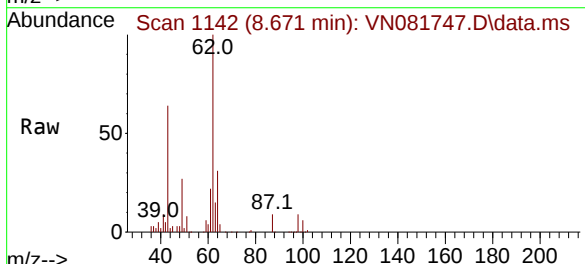
Manual Integrations
APPROVED

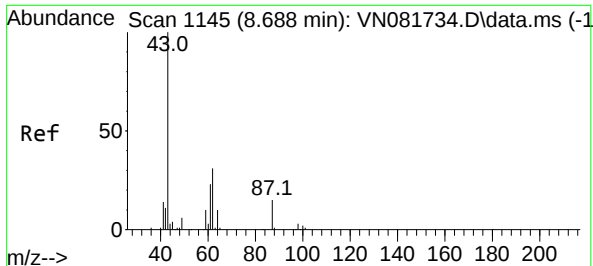
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#42
1,2-Dichloroethane
Concen: 46.301 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

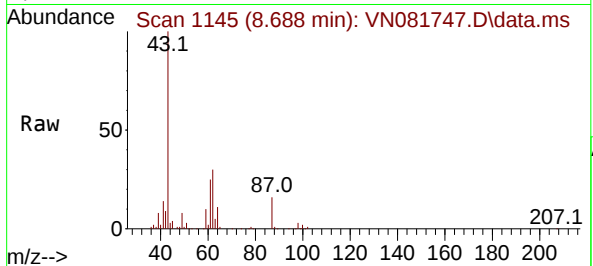
Tgt Ion: 62 Resp: 241908
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 48.884 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

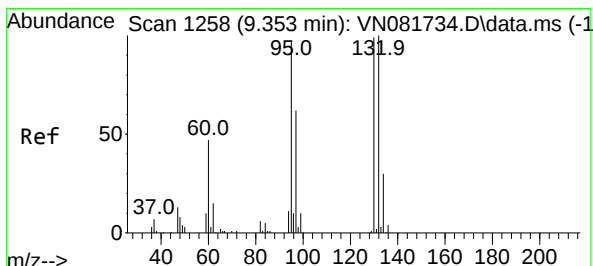
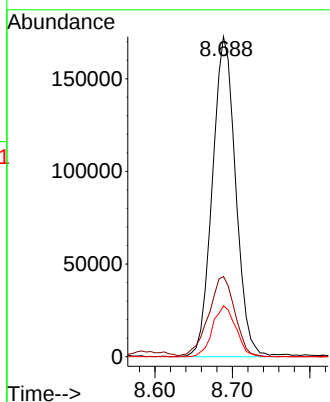
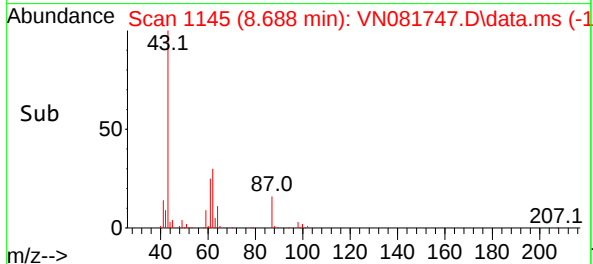
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 36057
Ion Ratio Lower Upper
43 100
61 28.3 22.8 34.2
87 15.9 12.0 18.0

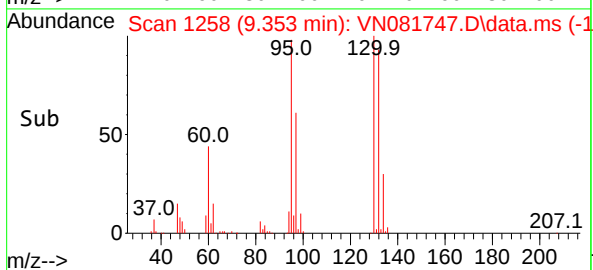
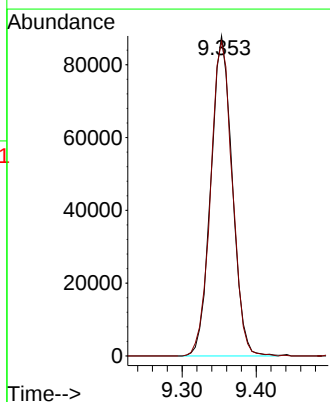
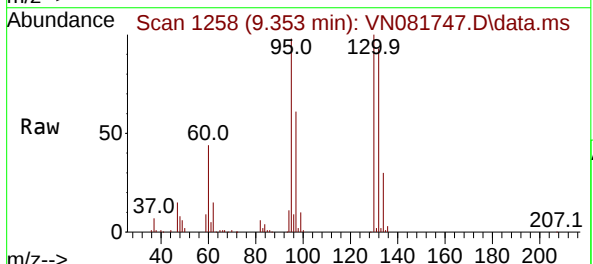
Manual Integrations
APPROVED

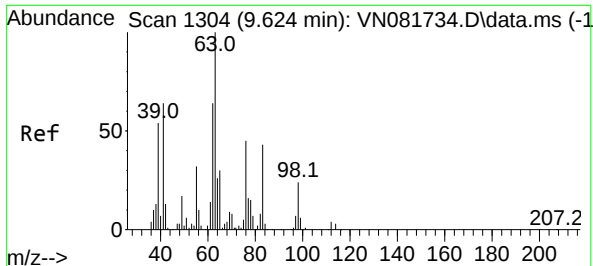
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#44
Trichloroethene
Concen: 45.193 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

Tgt Ion:130 Resp: 176143
Ion Ratio Lower Upper
130 100
95 98.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 47.608 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 16451

Ion Ratio Lower Upper

63 100

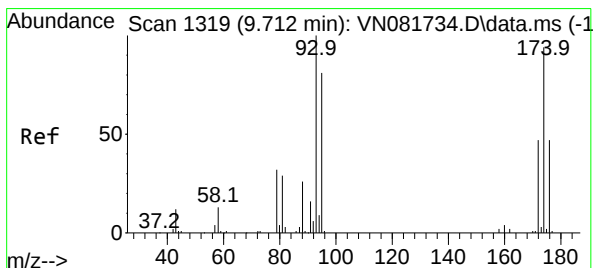
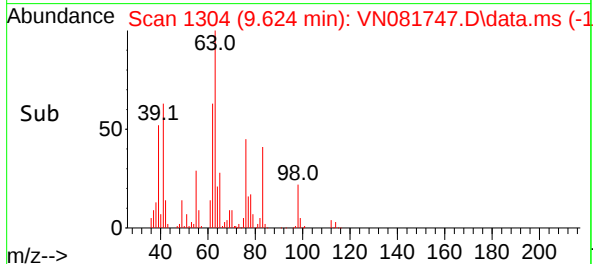
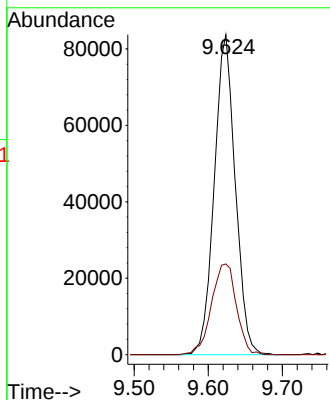
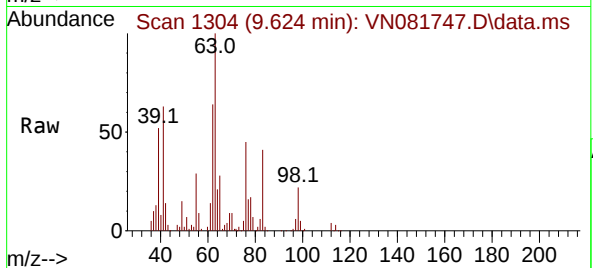
65 28.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#46

Dibromomethane

Concen: 46.119 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

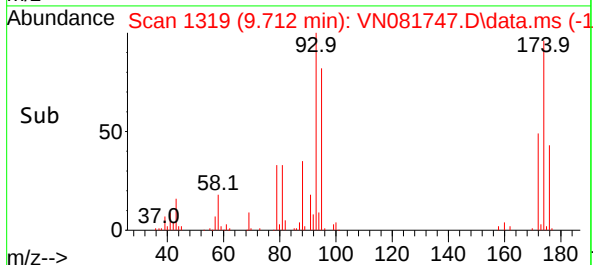
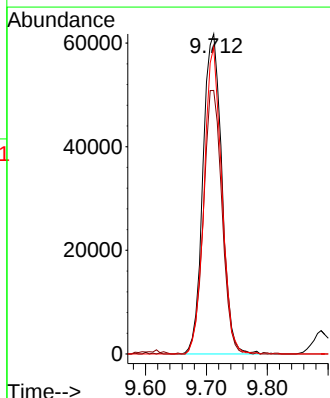
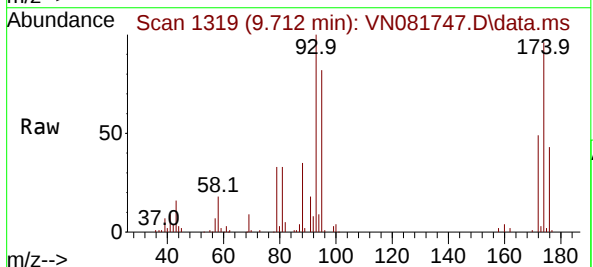
Tgt Ion: 93 Resp: 133011

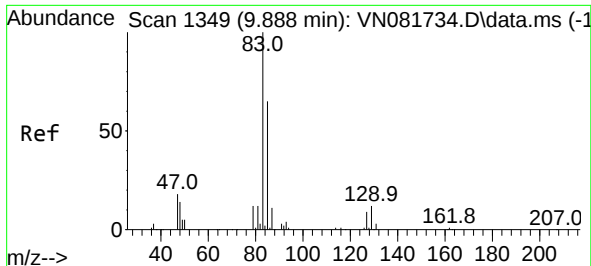
Ion Ratio Lower Upper

93 100

95 81.0 64.8 97.2

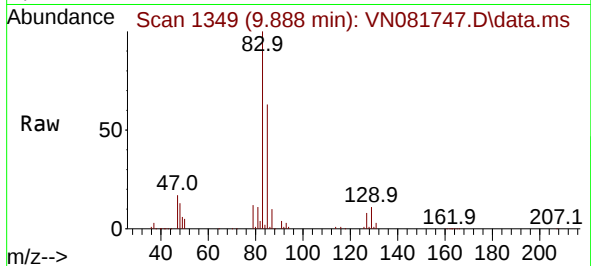
174 89.5 73.4 110.0





#47
Bromodichloromethane
Concen: 47.787 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

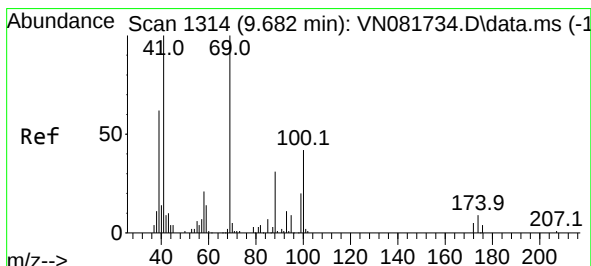
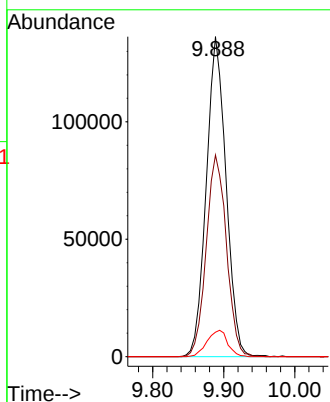
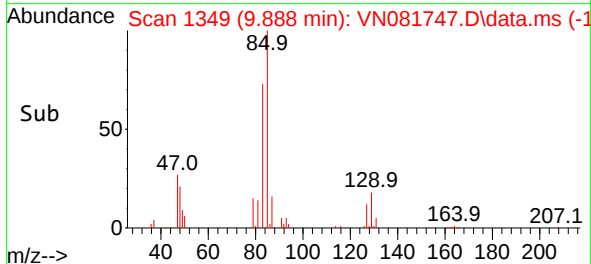
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



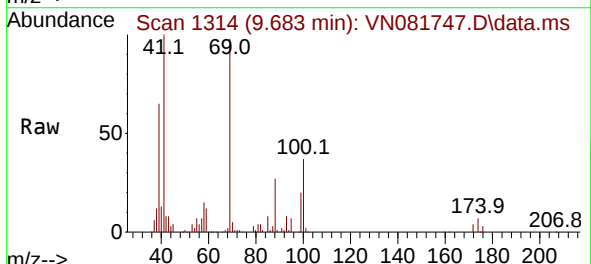
Tgt Ion: 83 Resp: 263274
Ion Ratio Lower Upper
83 100
85 63.0 51.9 77.9
127 7.6 7.5 11.3

Manual Integrations
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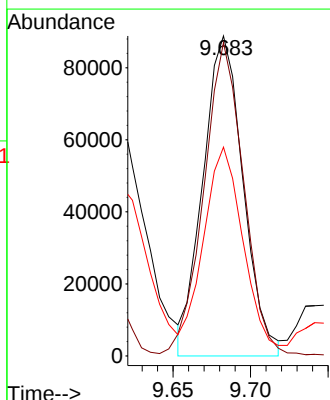
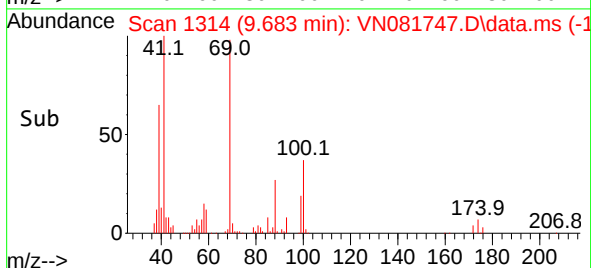
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

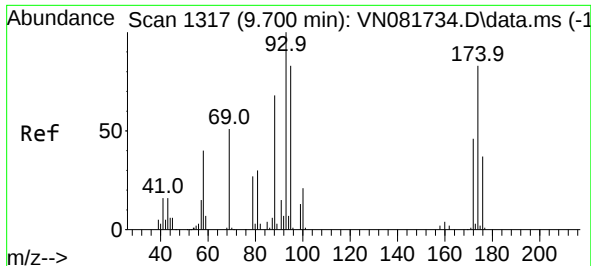


#48
Methyl methacrylate
Concen: 53.243 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



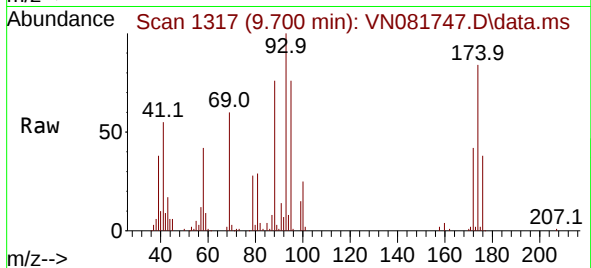
Tgt Ion: 41 Resp: 160068
Ion Ratio Lower Upper
41 100
69 98.0 77.9 116.9
39 65.1 50.9 76.3





#49
1,4-Dioxane
Concen: 1080.444 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

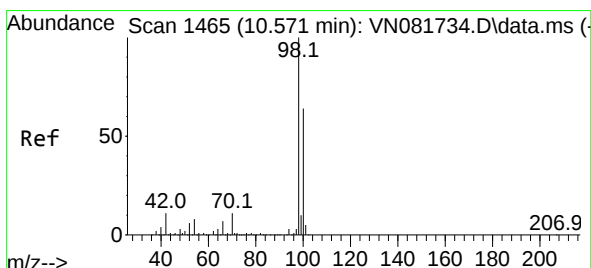
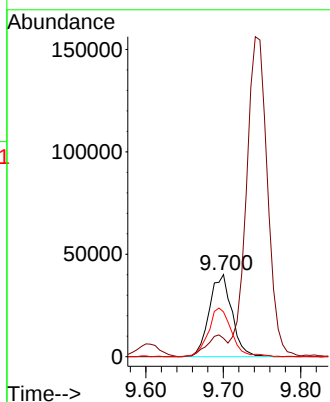
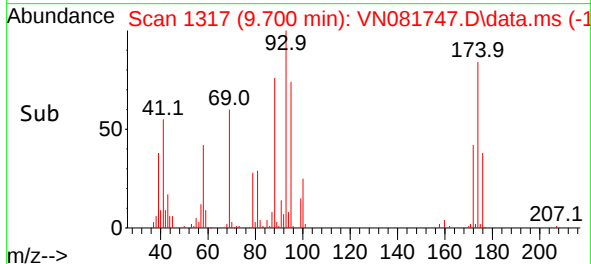
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



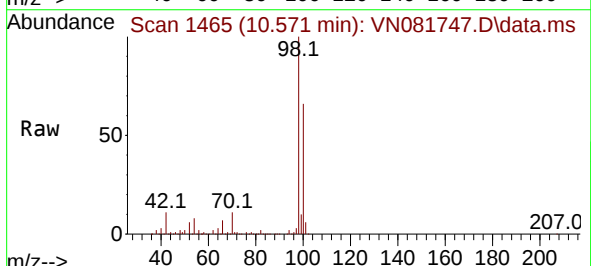
Tgt Ion: 88 Resp: 81460
Ion Ratio Lower Upper
88 100
43 23.4 19.0 28.6
58 60.9 50.6 76.0

Manual Integrations
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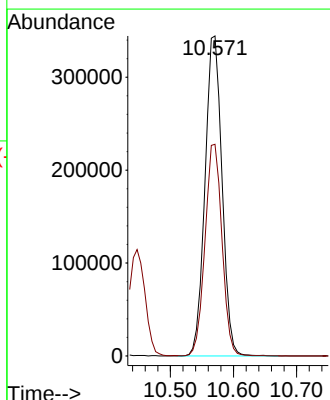
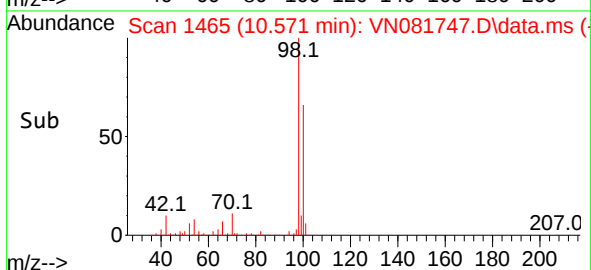
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

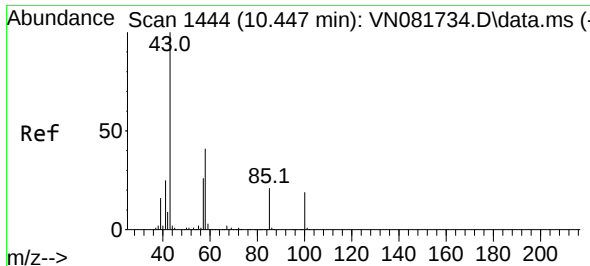


#50
Toluene-d8
Concen: 50.671 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



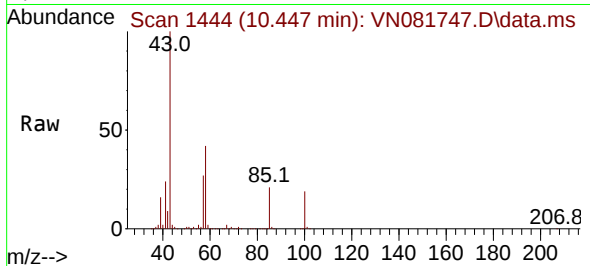
Tgt Ion: 98 Resp: 644646
Ion Ratio Lower Upper
98 100
100 66.2 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 264.908 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

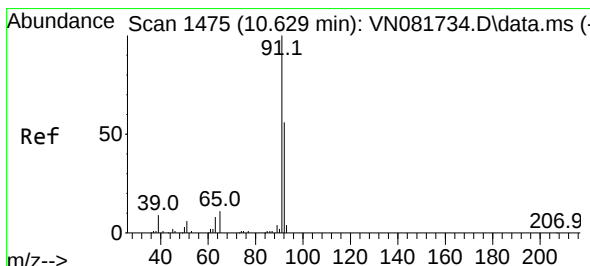
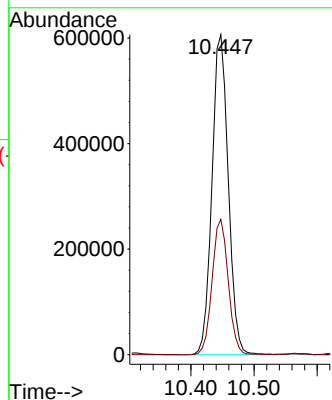
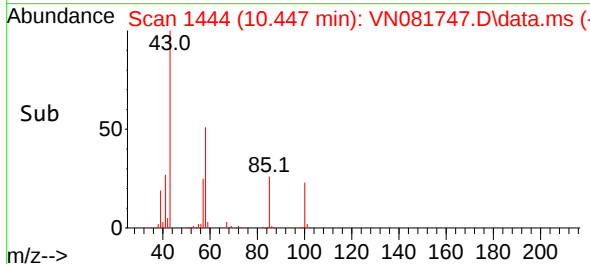
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



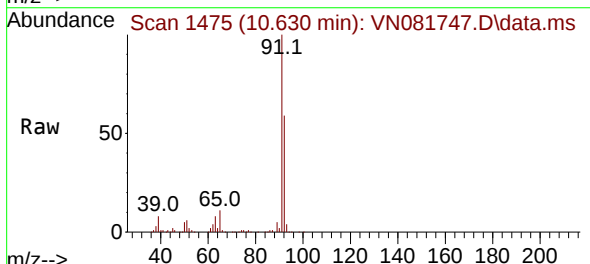
Tgt Ion: 43 Resp: 1086818
Ion Ratio Lower Upper
43 100
58 41.8 33.2 49.8

Manual Integrations
APPROVED

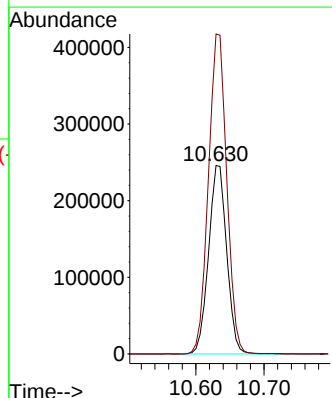
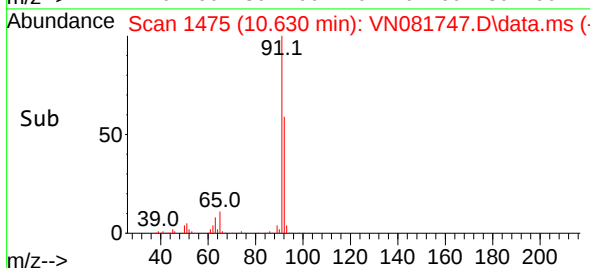
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

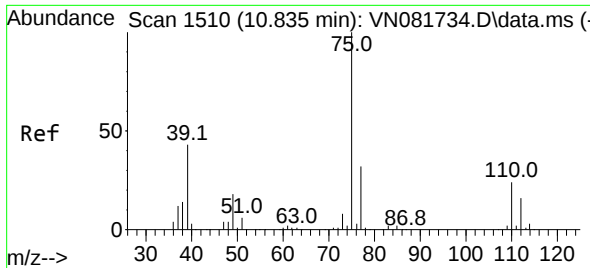


#52
Toluene
Concen: 47.780 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



Tgt Ion: 92 Resp: 454874
Ion Ratio Lower Upper
92 100
91 172.0 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 50.618 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

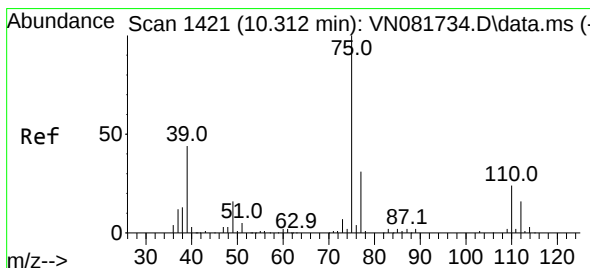
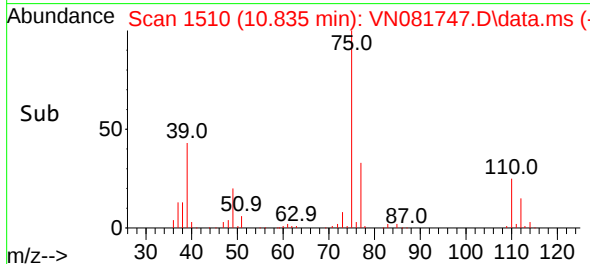
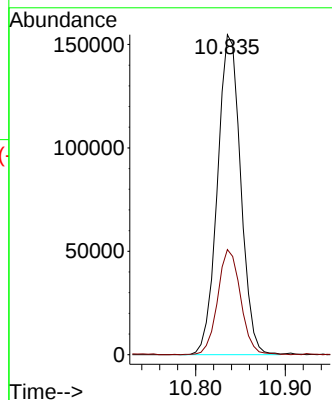
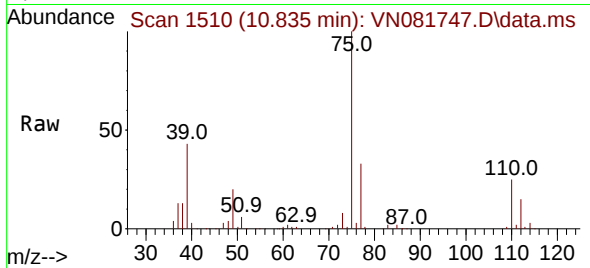
VSTDCCC050

Tgt Ion: 75 Resp: 277802
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0

Manual Integrations

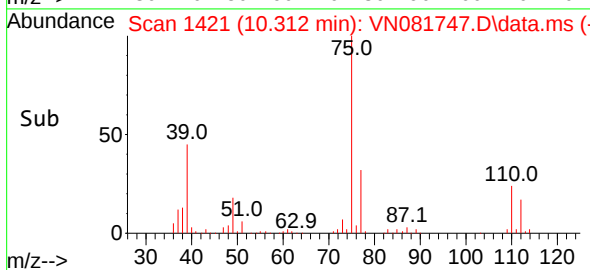
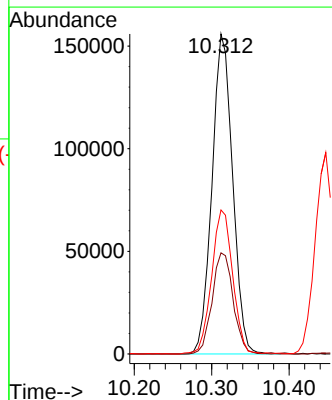
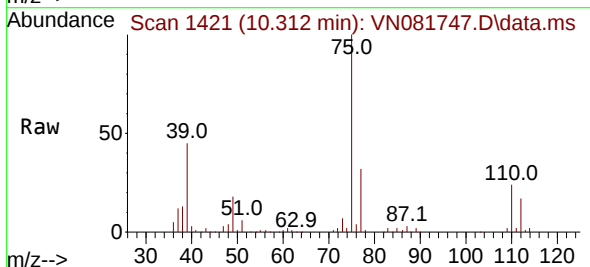
APPROVED

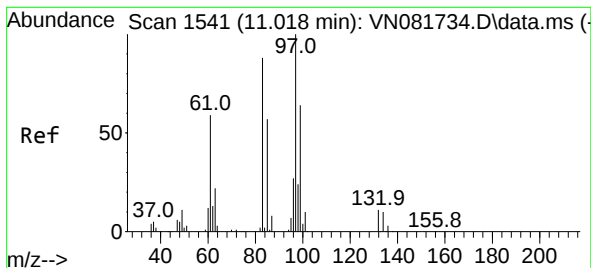
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#54
cis-1,3-Dichloropropene
Concen: 49.274 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

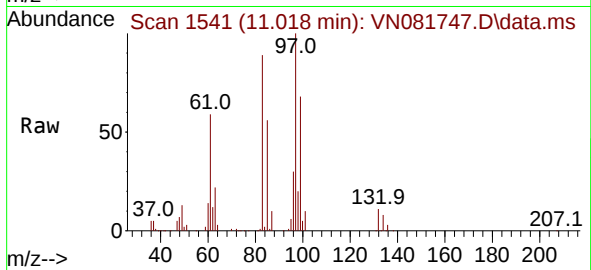
Tgt Ion: 75 Resp: 288072
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4
39 45.0 34.8 52.2





#55
1,1,2-Trichloroethane
Concen: 48.825 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

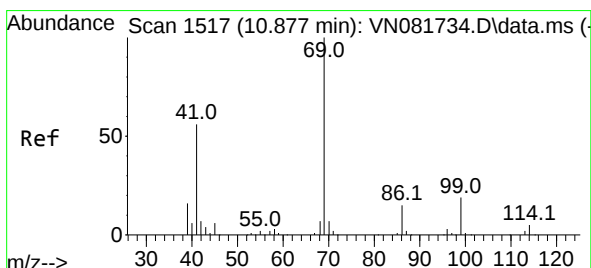
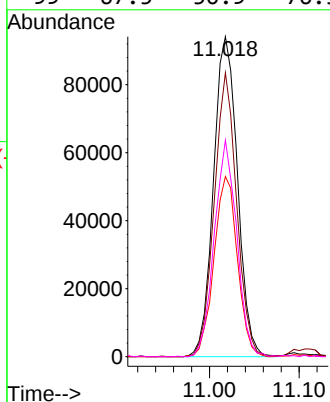
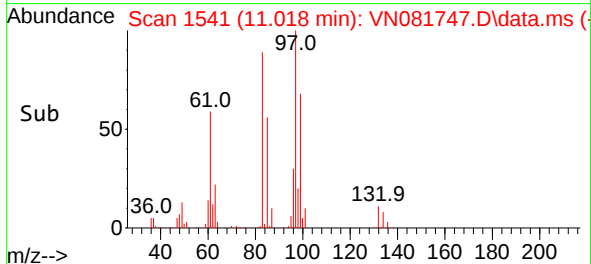
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	174614
Ion Ratio	100	Lower	Upper
97	100		
83	88.7	70.4	105.6
85	56.3	45.6	68.4
99	67.5	50.9	76.3

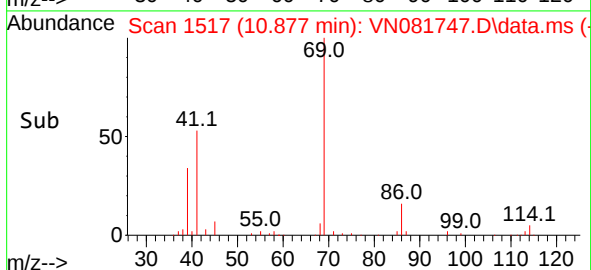
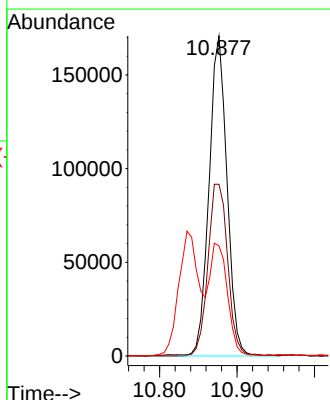
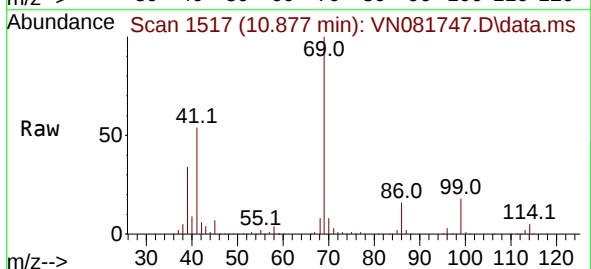
Manual Integrations
APPROVED

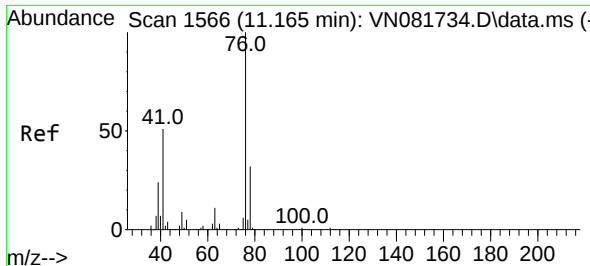
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#56
Ethyl methacrylate
Concen: 55.887 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

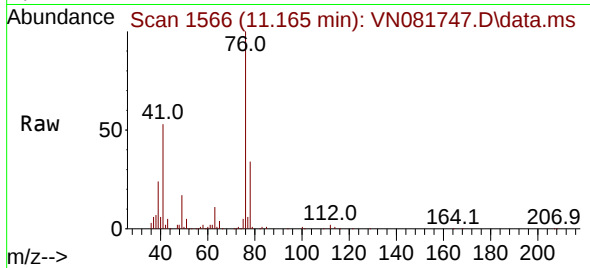
Tgt Ion:	69	Resp:	275005
Ion Ratio	100	Lower	Upper
69	100		
41	58.4	46.6	70.0
39	33.9	26.5	39.7





#57
1,3-Dichloropropane
Concen: 48.816 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

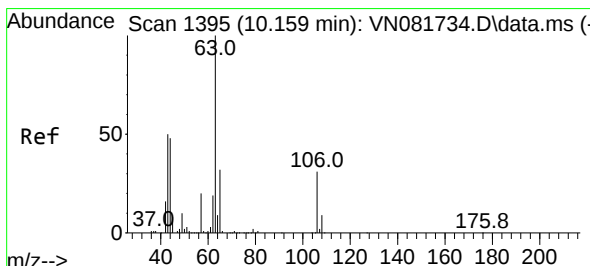
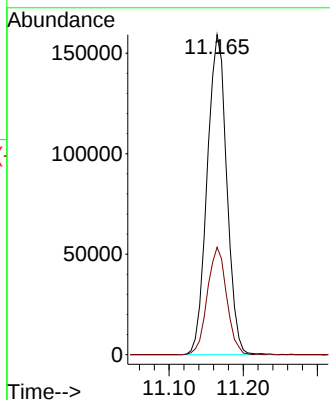
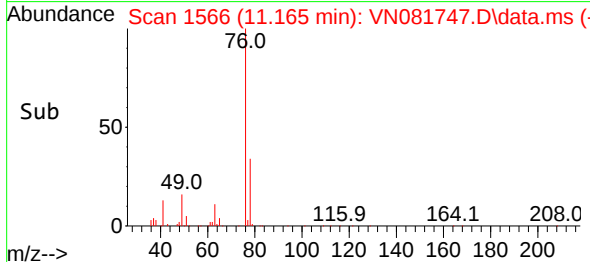
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 29222
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.6

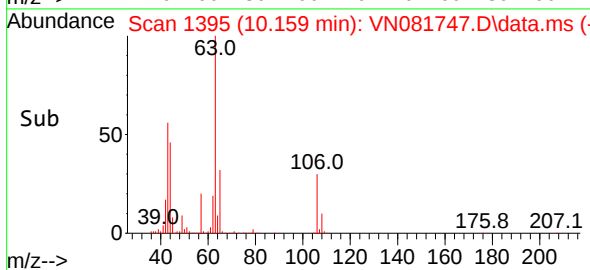
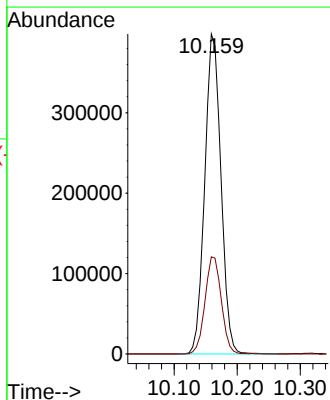
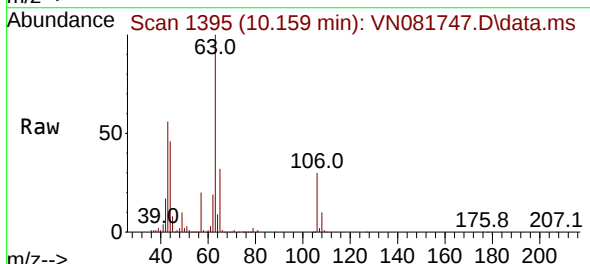
Manual Integrations
APPROVED

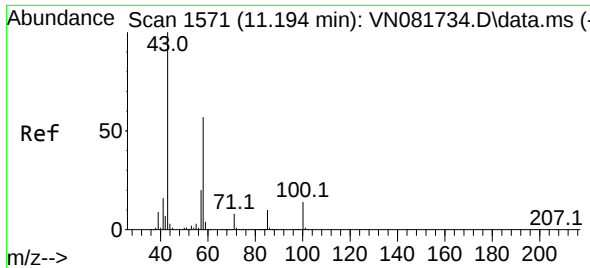
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#58
2-Chloroethyl Vinyl ether
Concen: 272.874 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

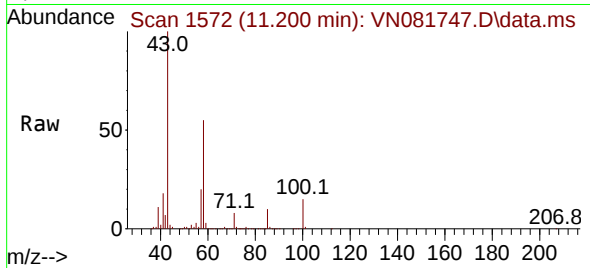
Tgt Ion: 63 Resp: 710468
Ion Ratio Lower Upper
63 100
106 30.6 24.6 36.8





#59
2-Hexanone
Concen: 276.531 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

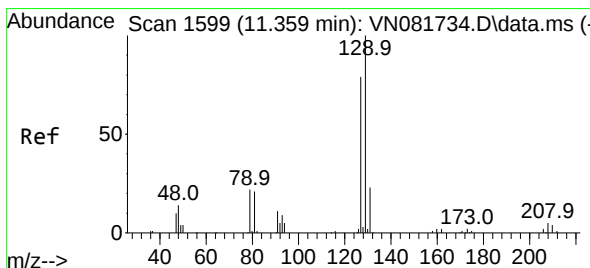
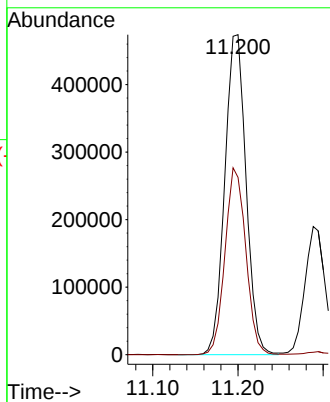
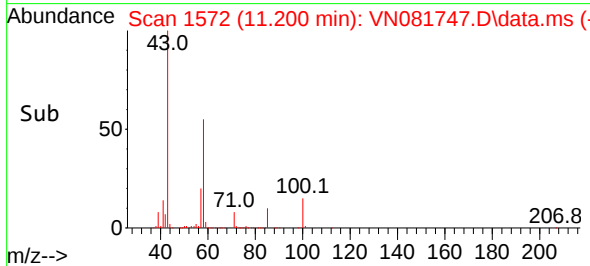
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 821278
Ion Ratio Lower Upper
43 100
58 57.2 28.3 84.9

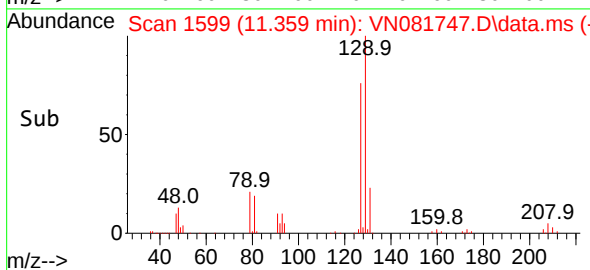
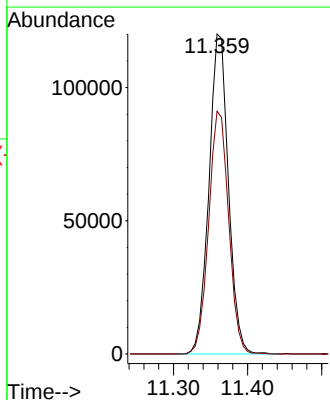
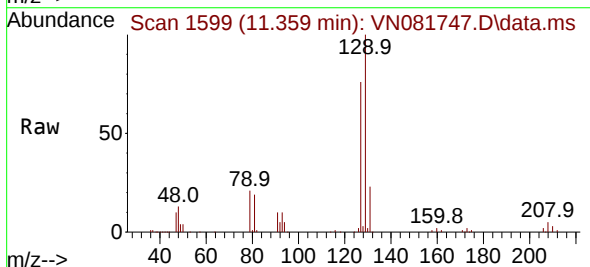
Manual Integrations
APPROVED

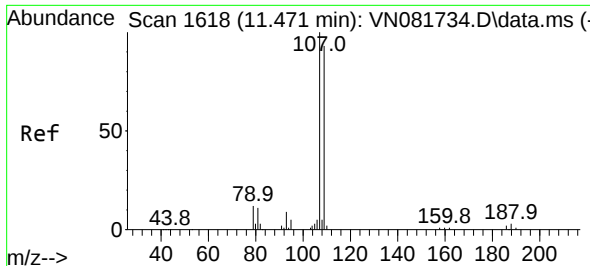
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#60
Dibromochloromethane
Concen: 50.626 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

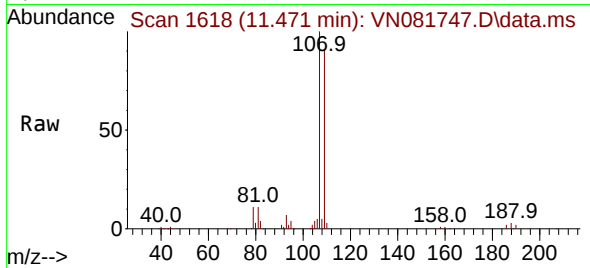
Tgt Ion:129 Resp: 218837
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.8





#61
1,2-Dibromoethane
Concen: 49.391 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

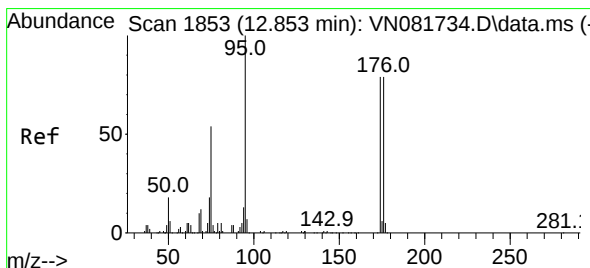
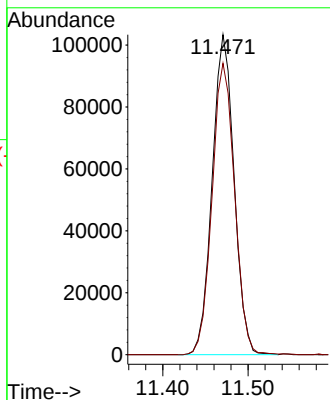
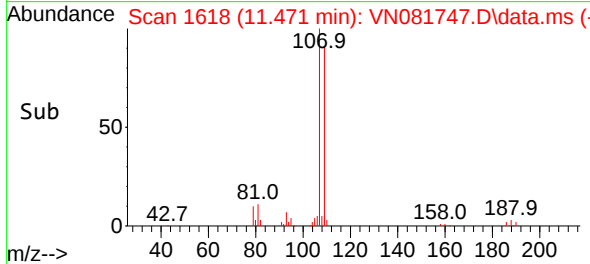
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 18425
Ion Ratio Lower Upper
107 100
109 93.9 75.8 113.6

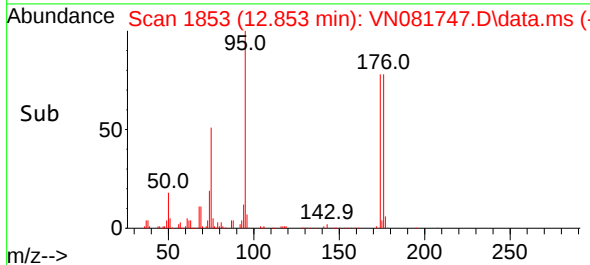
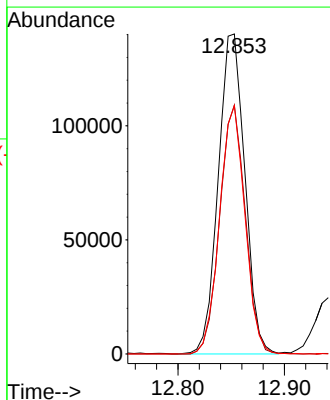
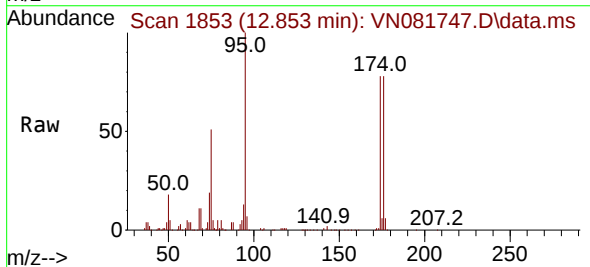
Manual Integrations
APPROVED

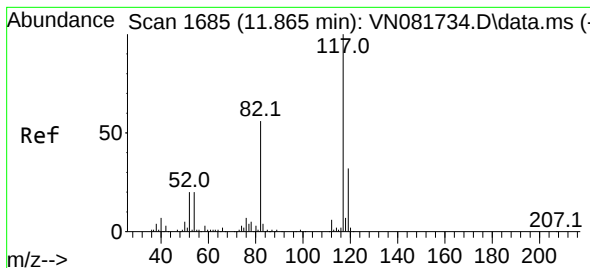
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#62
4-Bromofluorobenzene
Concen: 55.882 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

Tgt Ion: 95 Resp: 242945
Ion Ratio Lower Upper
95 100
174 74.8 0.0 160.6
176 74.2 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 496170

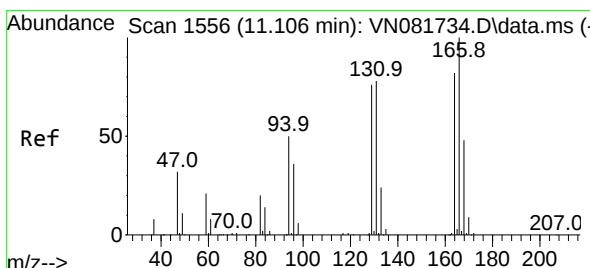
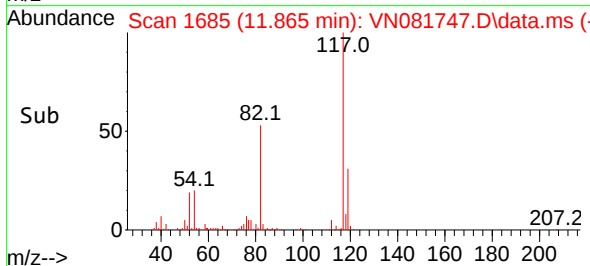
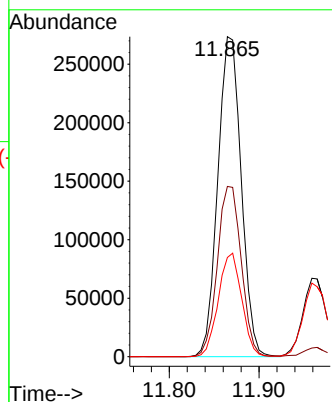
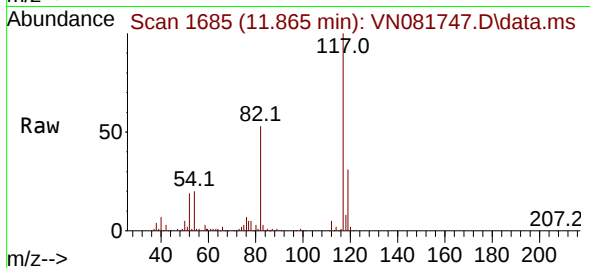
Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.6	66.8
119	31.0	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#64

Tetrachloroethene

Concen: 43.355 ug/l

RT: 11.106 min Scan# 1556

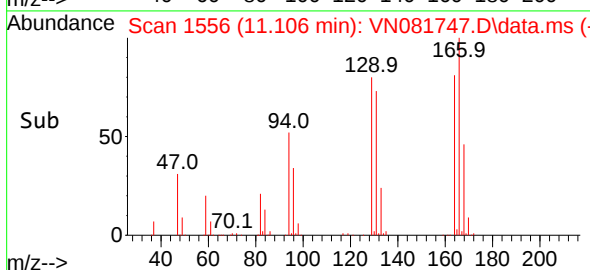
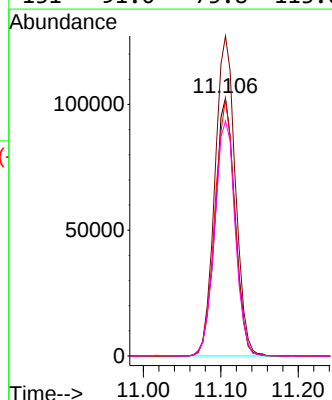
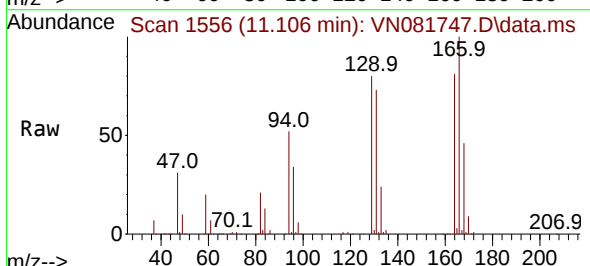
Delta R.T. -0.000 min

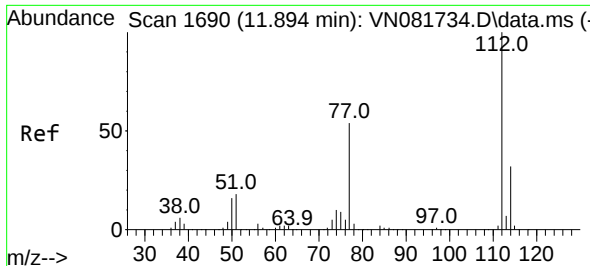
Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

Tgt Ion:164 Resp: 182513

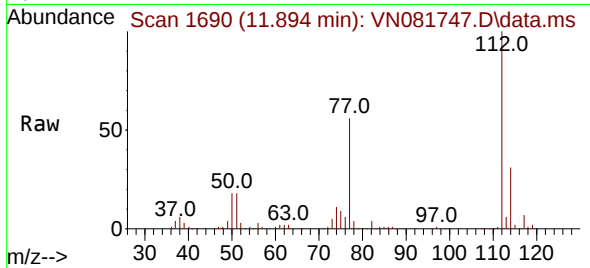
Ion	Ratio	Lower	Upper
164	100		
166	124.1	97.6	146.4
129	99.6	73.7	110.5
131	91.0	75.8	113.6





#65
Chlorobenzene
Concen: 44.670 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

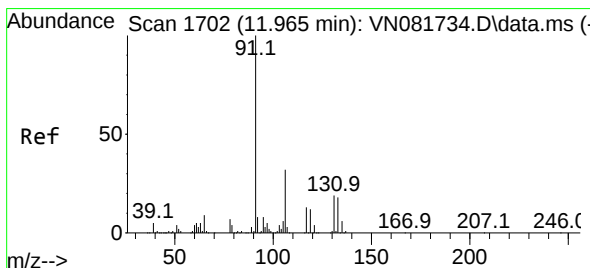
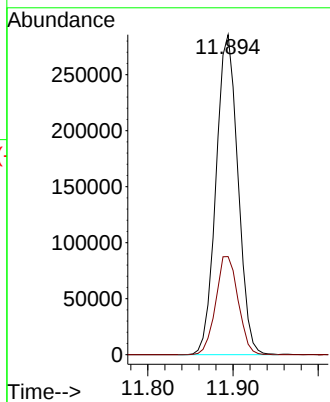
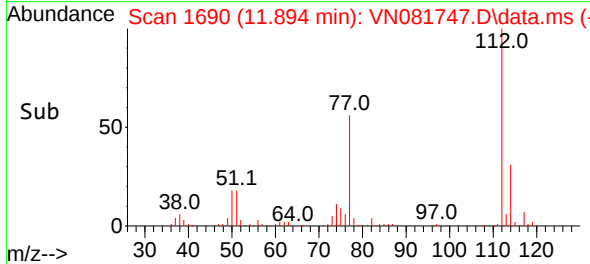
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



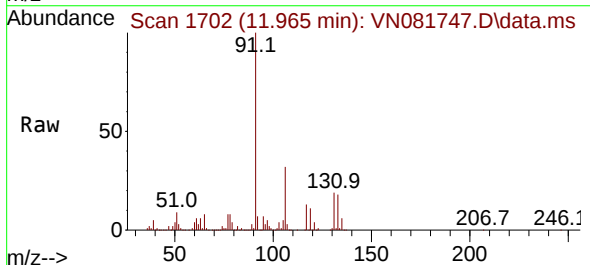
Tgt Ion:112 Resp: 51000
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

Manual Integrations
APPROVED

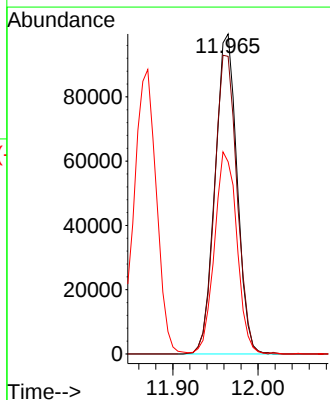
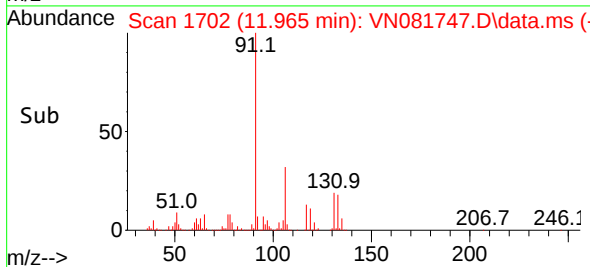
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

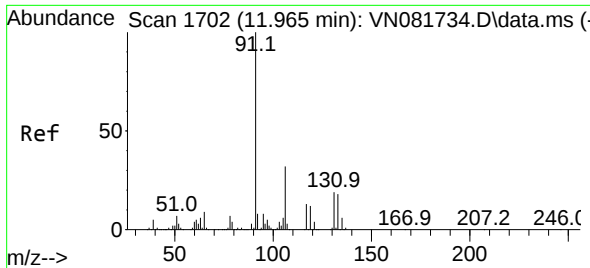


#66
1,1,1,2-Tetrachloroethane
Concen: 45.826 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



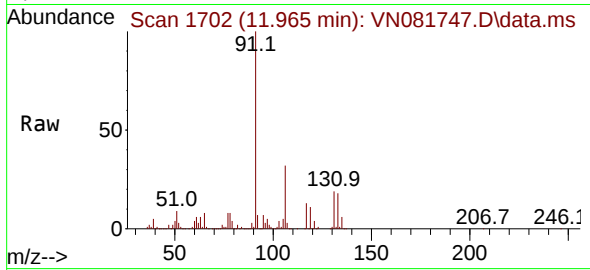
Tgt Ion:131 Resp: 178485
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 64.5 32.9 98.7





#67
Ethyl Benzene
Concen: 47.976 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

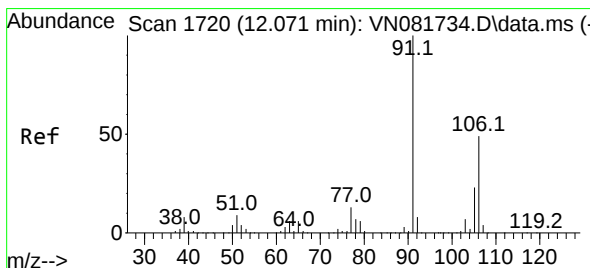
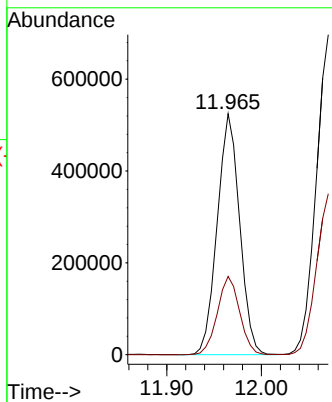
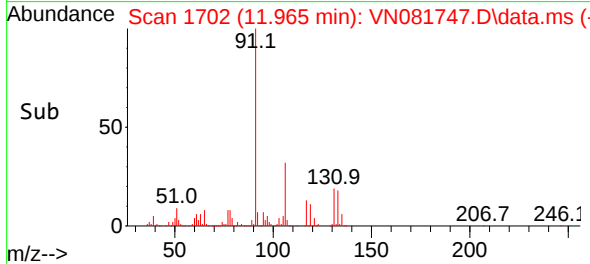
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 862200
Ion Ratio Lower Upper
91 100
106 32.5 25.3 37.9

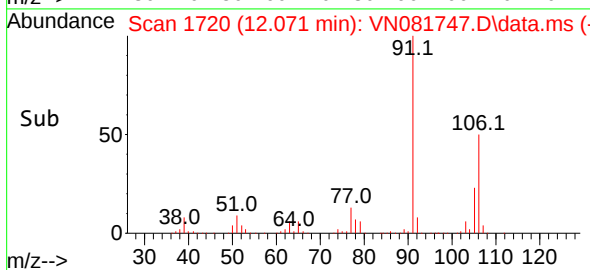
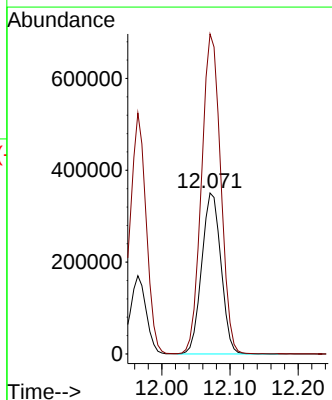
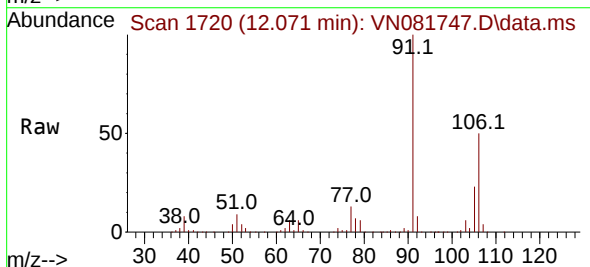
Manual Integrations
APPROVED

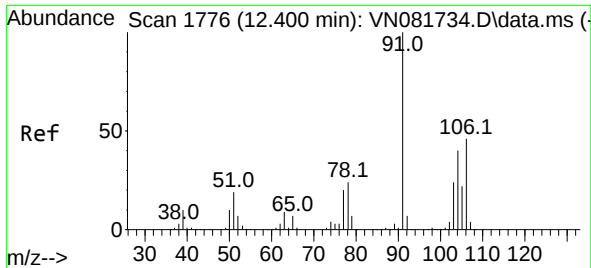
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#68
m/p-Xylenes
Concen: 98.505 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

Tgt Ion:106 Resp: 688397
Ion Ratio Lower Upper
106 100
91 198.0 159.4 239.0





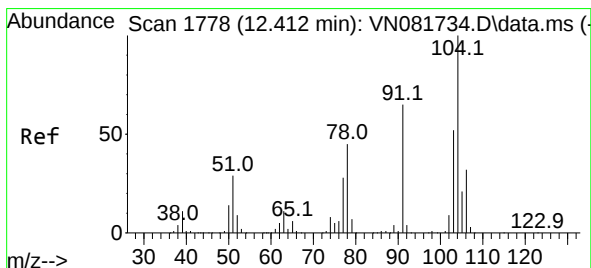
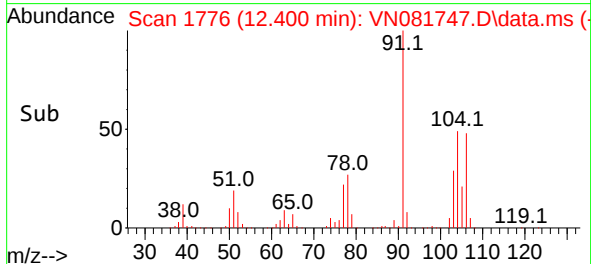
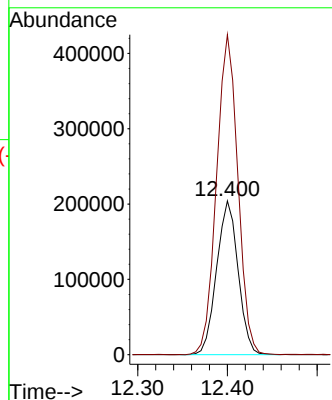
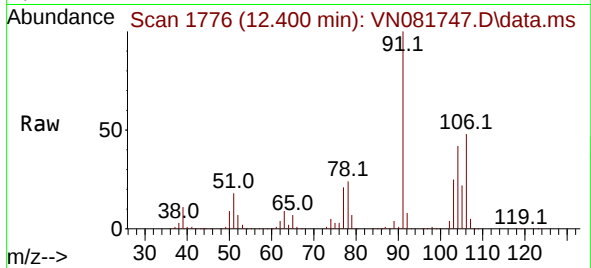
#69
o-Xylene
Concen: 50.596 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 338850
Ion Ratio Lower Upper
106 100
91 207.2 104.7 314.1

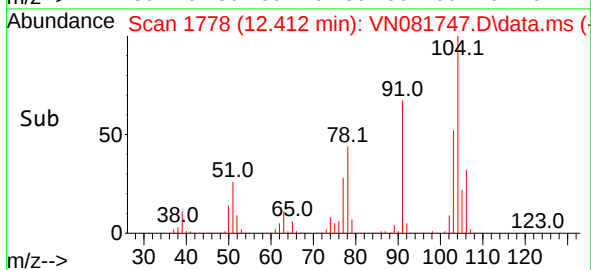
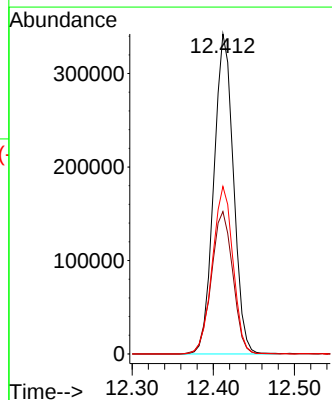
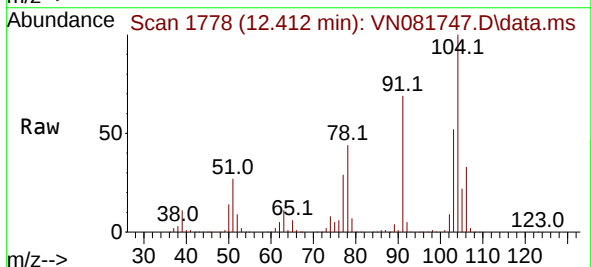
Manual Integrations
APPROVED

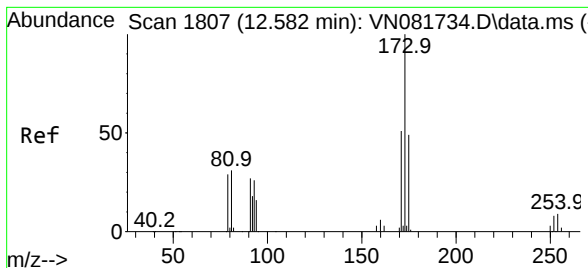
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#70
Styrene
Concen: 52.448 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

Tgt Ion:104 Resp: 575454
Ion Ratio Lower Upper
104 100
78 48.7 38.6 58.0
103 55.1 43.8 65.6





#71

Bromoform

Concen: 49.225 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 14793

Ion Ratio Lower Upper

173 100

175 48.9 24.6 74.0

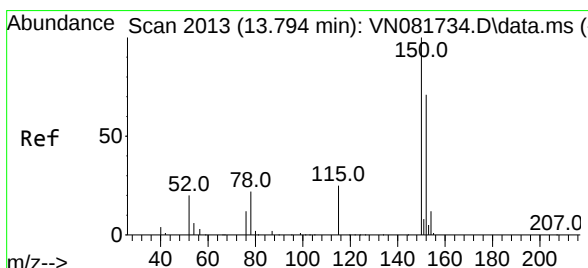
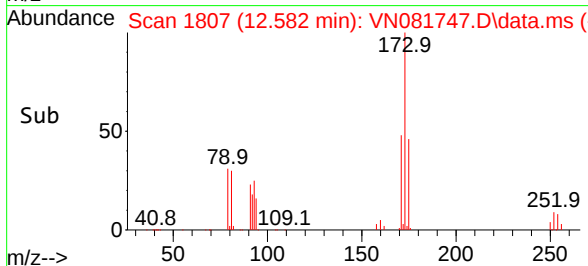
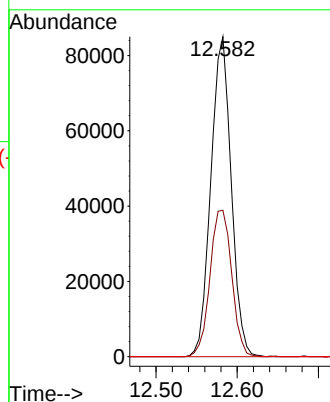
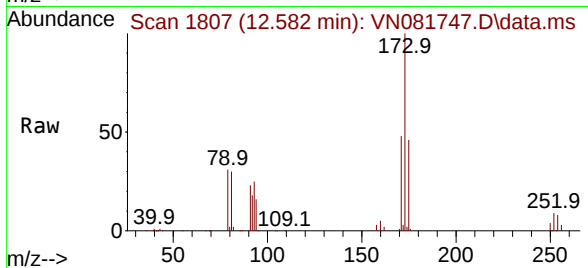
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

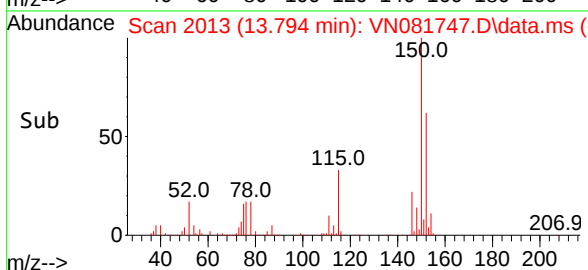
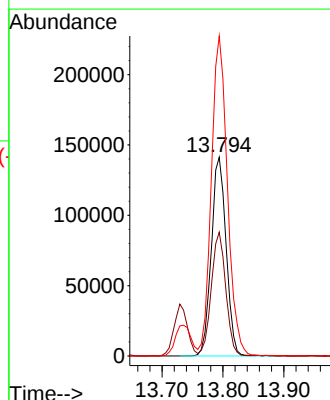
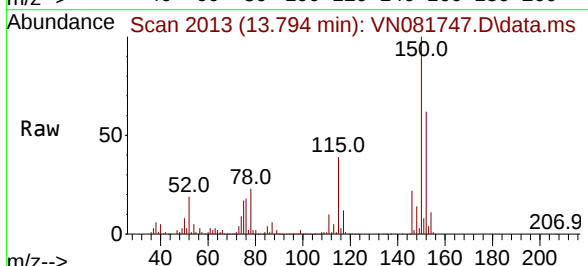
Tgt Ion:152 Resp: 239146

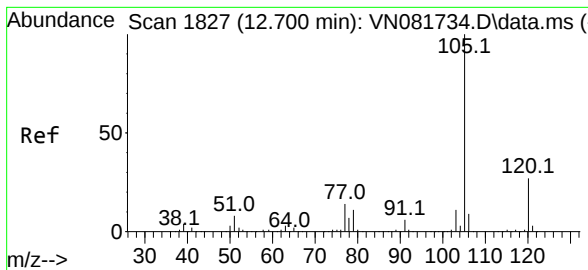
Ion Ratio Lower Upper

152 100

115 60.4 30.4 91.3

150 173.9 0.0 353.2





#73
Isopropylbenzene
Concen: 47.373 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

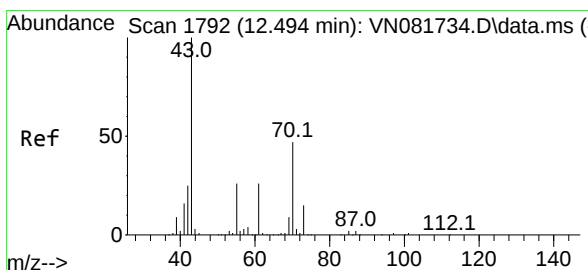
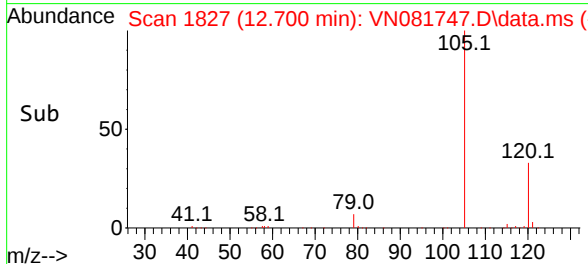
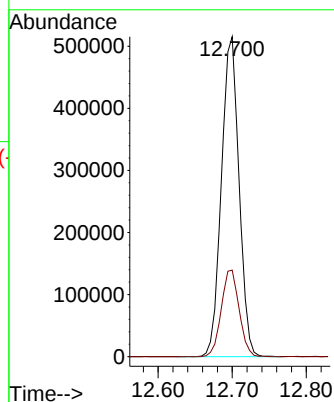
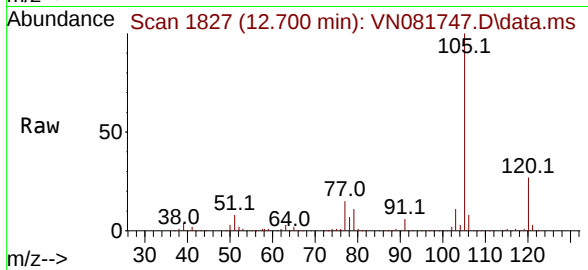
VSTDCCC050

Tgt Ion:105 Resp: 849540
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1

Manual Integrations

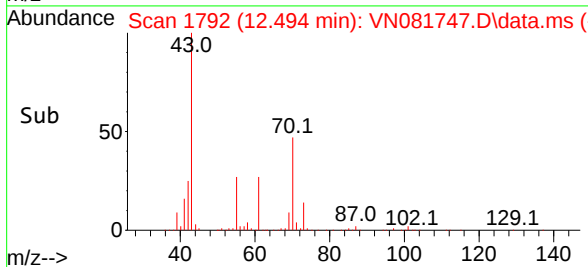
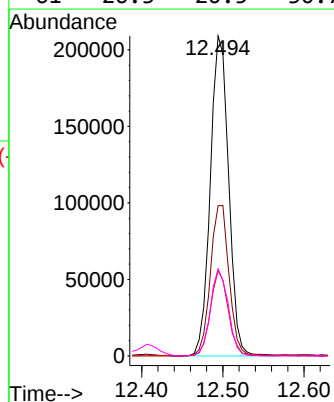
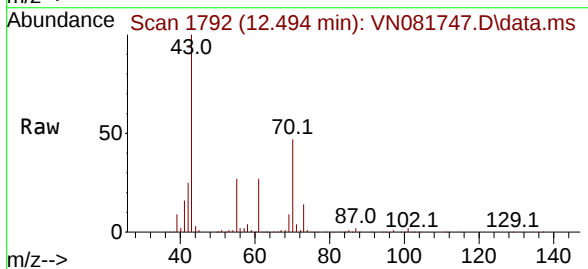
APPROVED

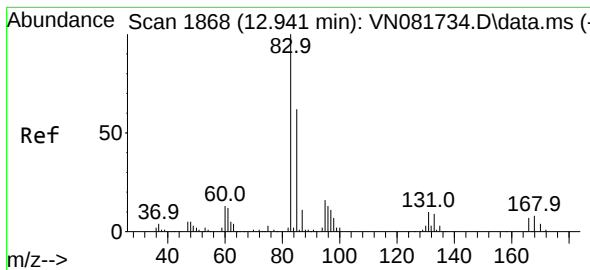
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#74
N-ethyl acetate
Concen: 50.329 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

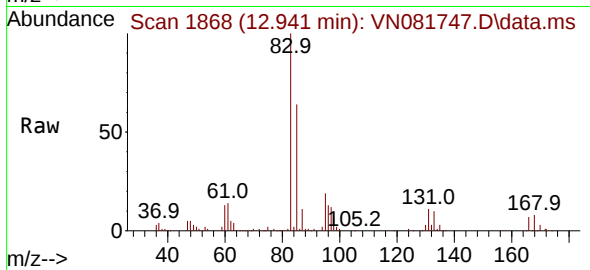
Tgt Ion: 43 Resp: 328482
Ion Ratio Lower Upper
43 100
70 47.8 39.0 58.4
55 26.0 21.3 31.9
61 26.3 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 43.765 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

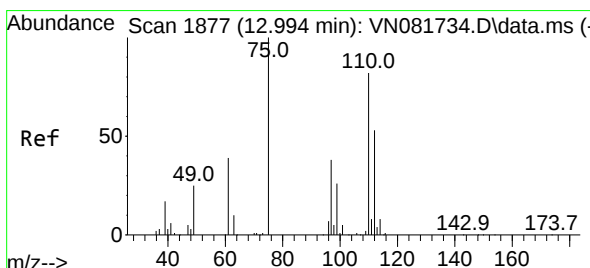
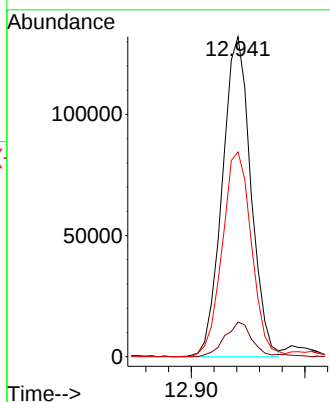
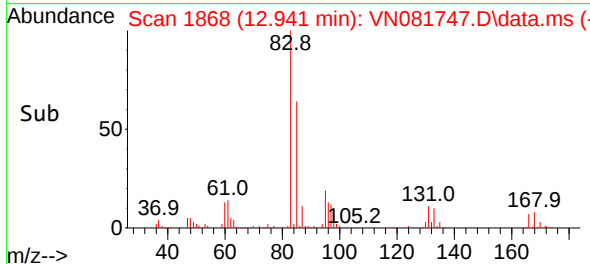
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



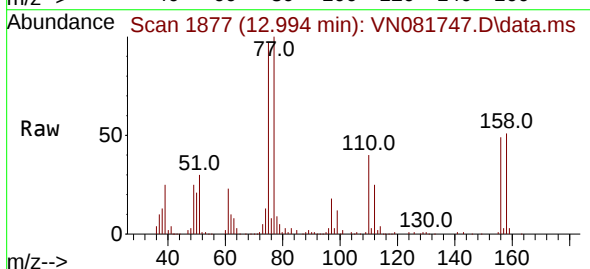
Tgt Ion: 83 Resp: 230585
Ion Ratio Lower Upper
83 100
131 10.7 5.5 16.4
85 65.6 32.9 98.6

Manual Integrations
APPROVED

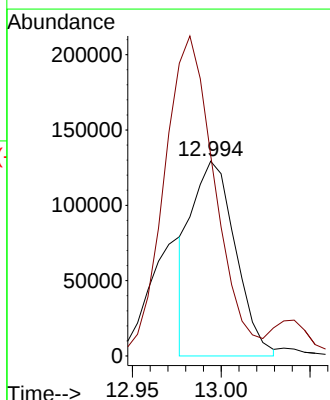
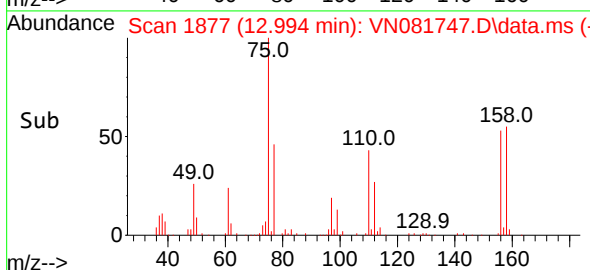
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

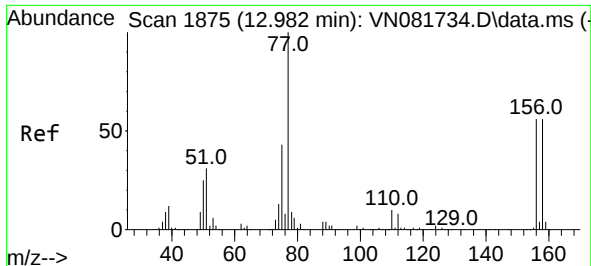


#76
1,2,3-Trichloropropane
Concen: 50.920 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



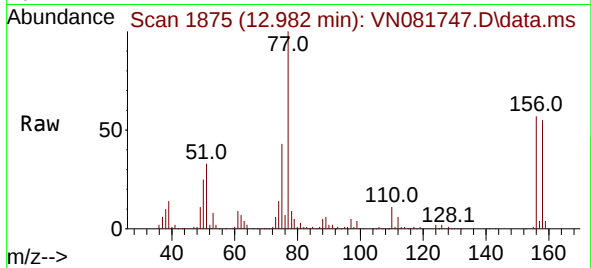
Tgt Ion: 75 Resp: 221408
Ion Ratio Lower Upper
75 100
77 191.3 90.5 271.3





#77
Bromobenzene
Concen: 45.287 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

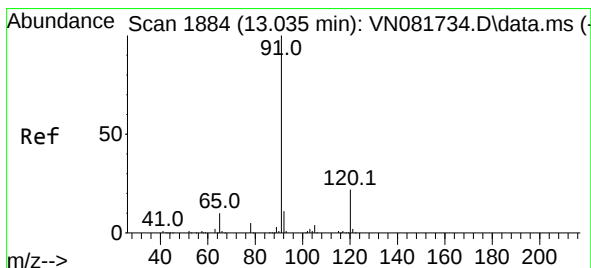
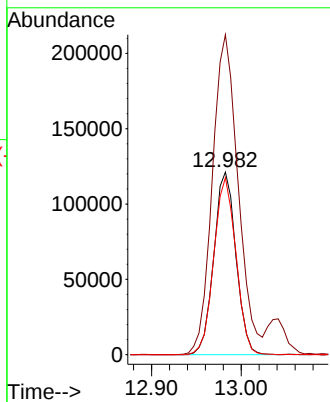
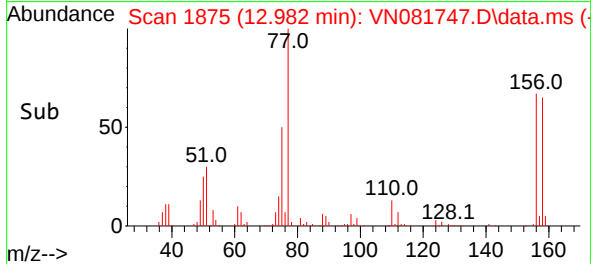
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 20705
Ion Ratio Lower Upper
156 100
77 204.5 100.2 300.6
158 97.2 49.1 147.3

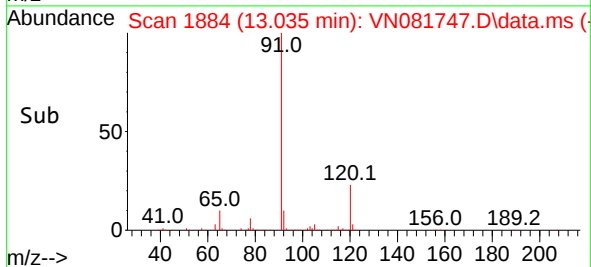
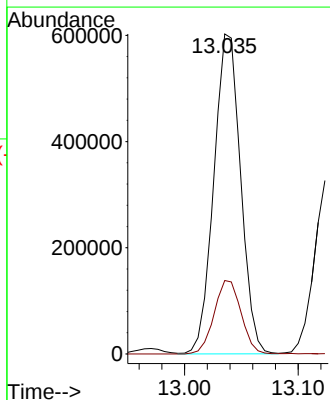
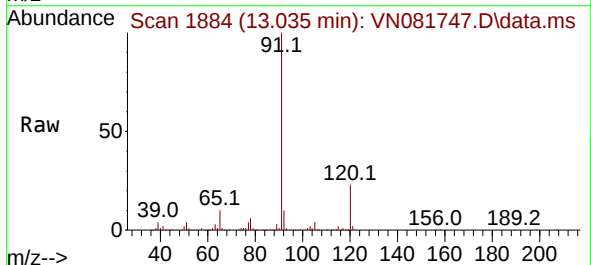
Manual Integrations
APPROVED

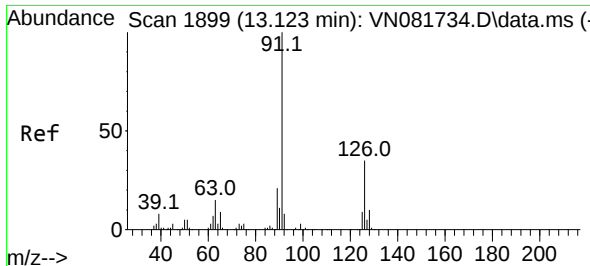
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#78
n-propylbenzene
Concen: 47.531 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

Tgt Ion: 91 Resp: 989115
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.0





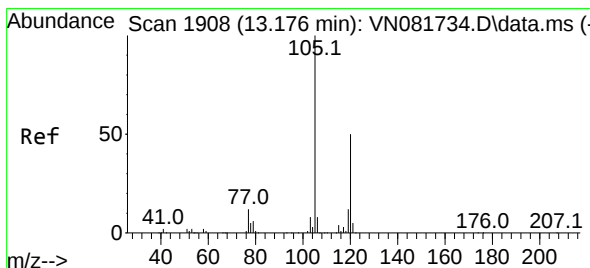
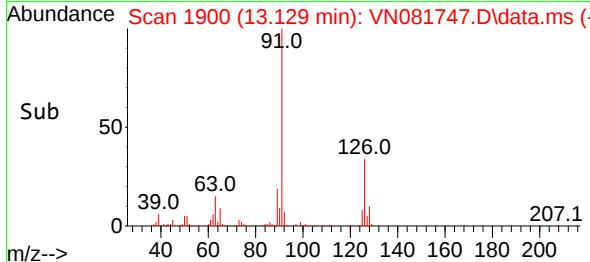
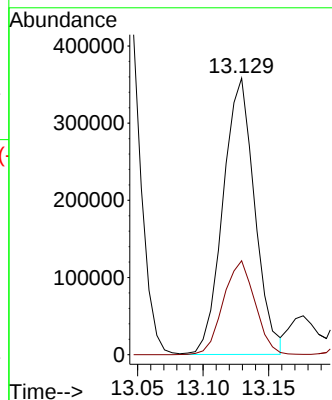
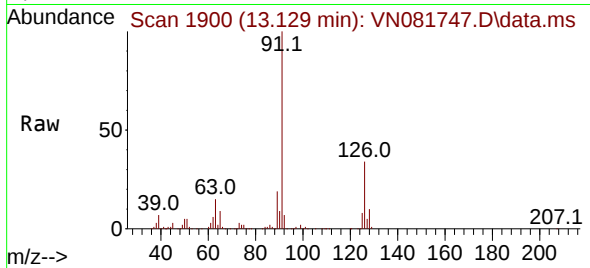
#79
2-Chlorotoluene
Concen: 46.484 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 602960
Ion Ratio Lower Upper
91 100
126 34.0 17.5 52.5

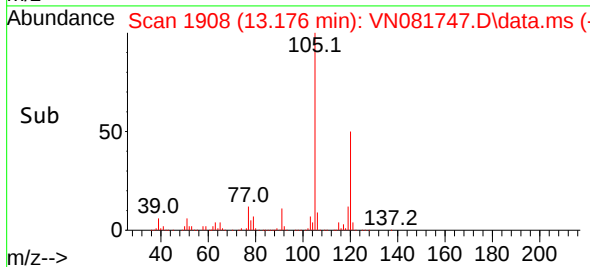
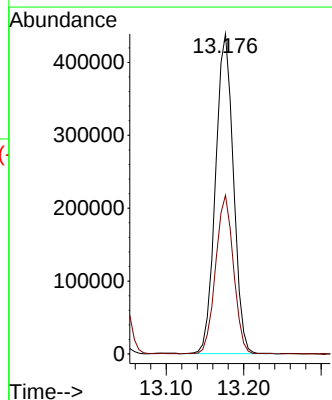
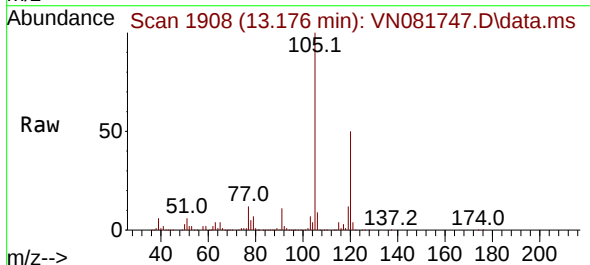
Manual Integrations
APPROVED

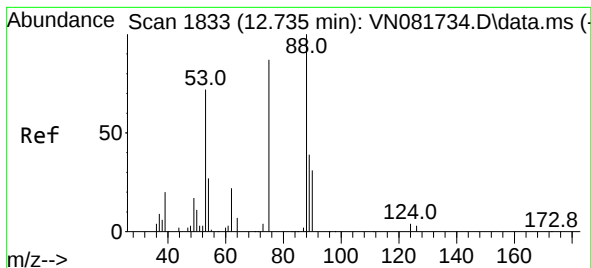
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#80
1,3,5-Trimethylbenzene
Concen: 47.927 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

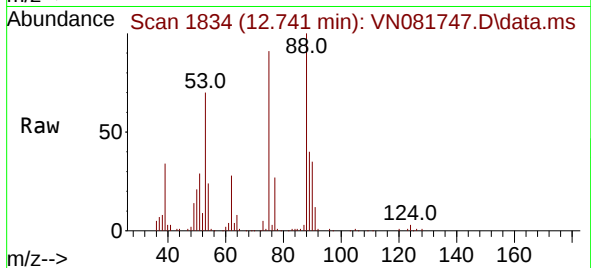
Tgt Ion:105 Resp: 702088
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 54.454 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

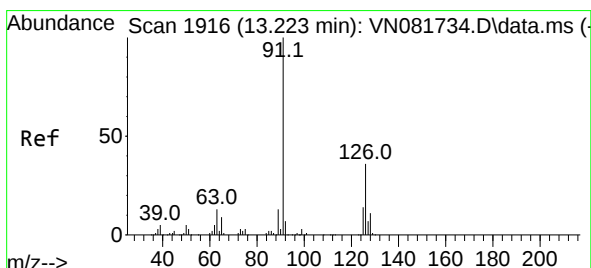
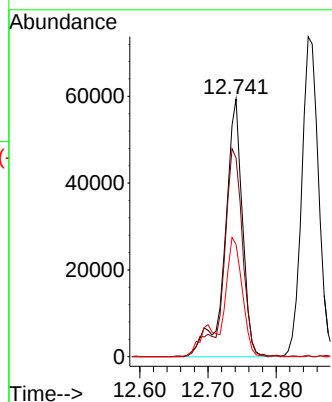
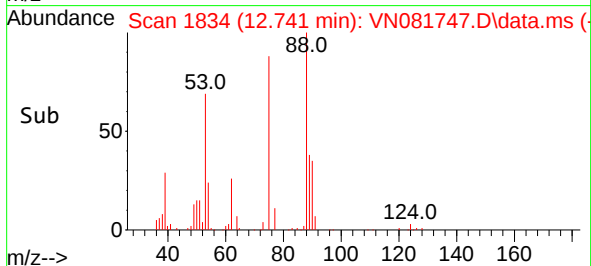
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 106428
Ion Ratio Lower Upper
75 100
53 86.2 72.9 109.3
89 41.2 39.1 58.7

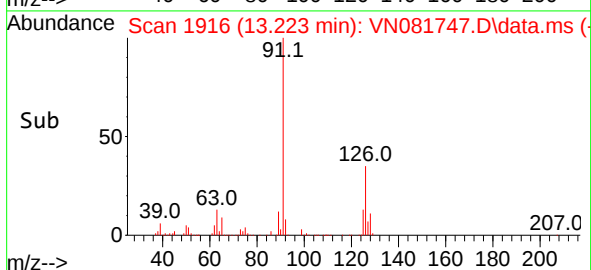
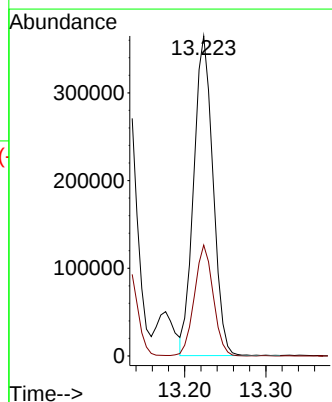
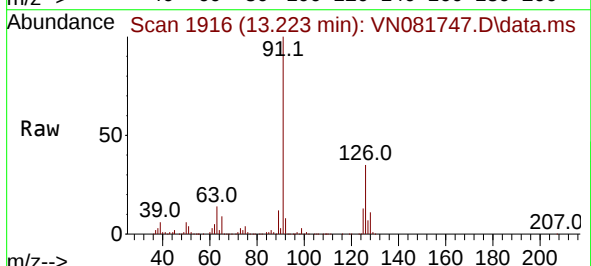
Manual Integrations
APPROVED

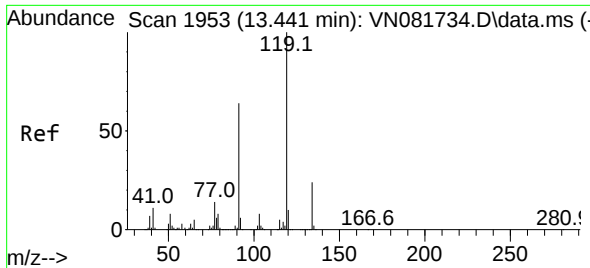
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#82
4-Chlorotoluene
Concen: 46.746 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

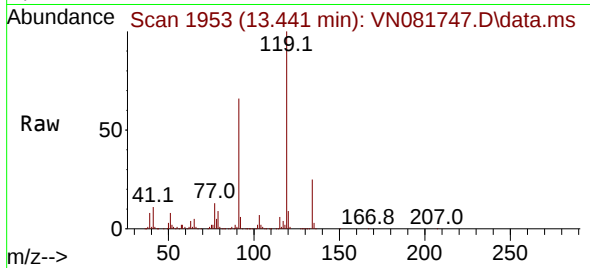
Tgt Ion: 91 Resp: 599015
Ion Ratio Lower Upper
91 100
126 34.1 17.4 52.3





#83
tert-Butylbenzene
Concen: 46.965 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

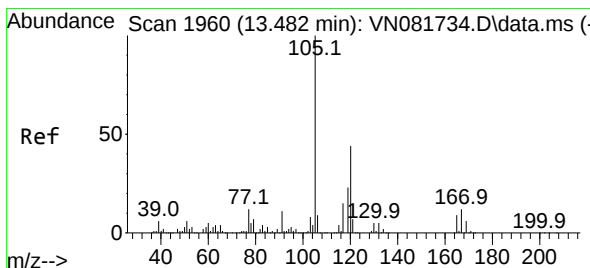
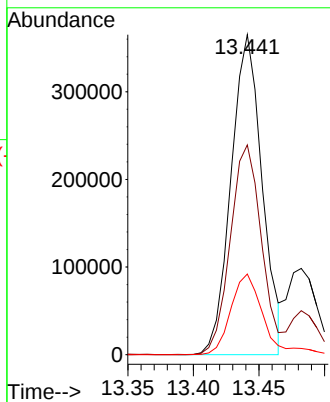
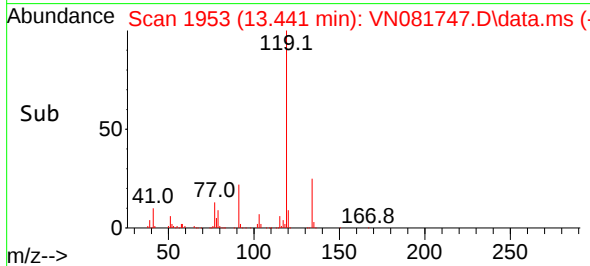
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



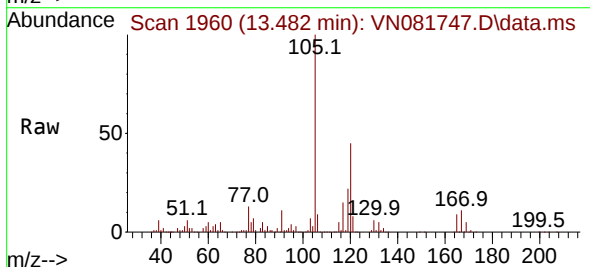
Tgt Ion:119 Resp: 602592
Ion Ratio Lower Upper
119 100
91 66.8 32.6 97.8
134 26.4 12.4 37.0

Manual Integrations
APPROVED

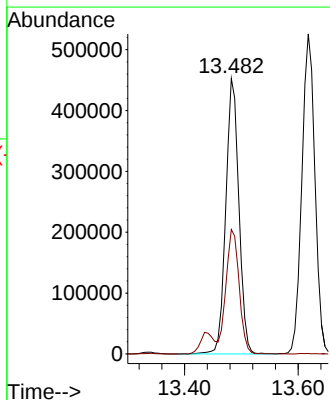
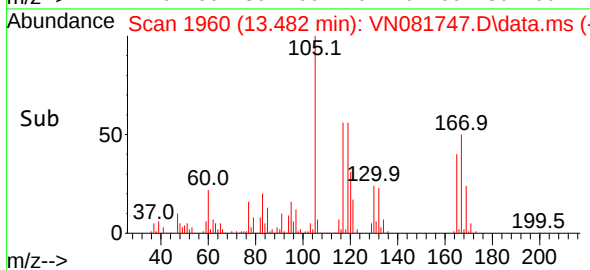
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

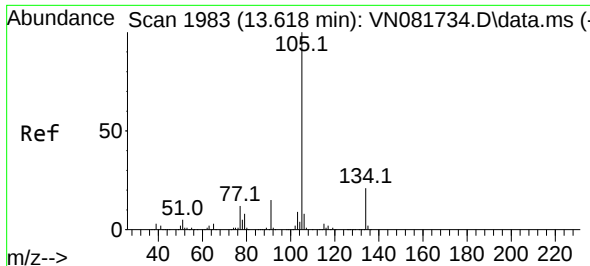


#84
1,2,4-Trimethylbenzene
Concen: 49.200 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



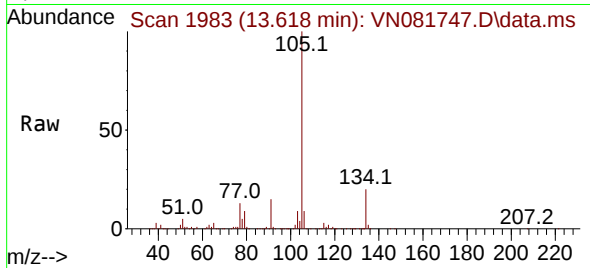
Tgt Ion:105 Resp: 727020
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 47.022 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081747.D
 Acq: 16 Apr 2024 10:06

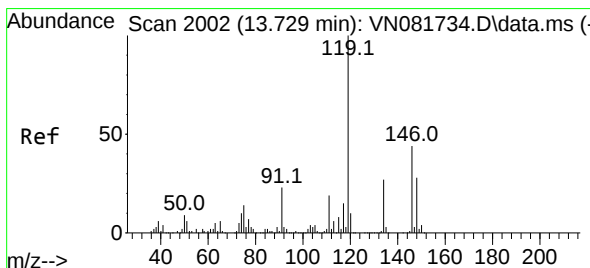
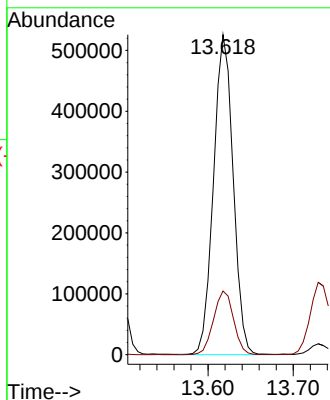
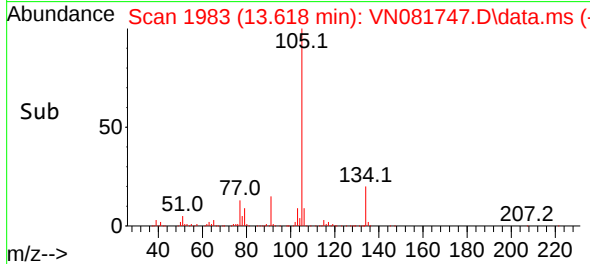
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 841900
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

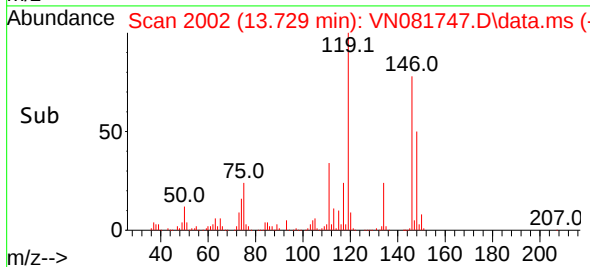
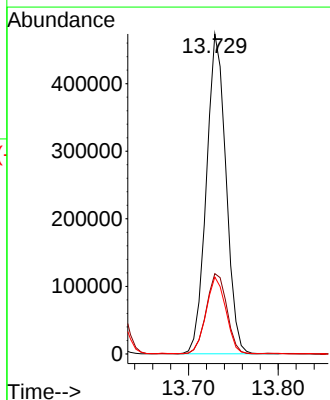
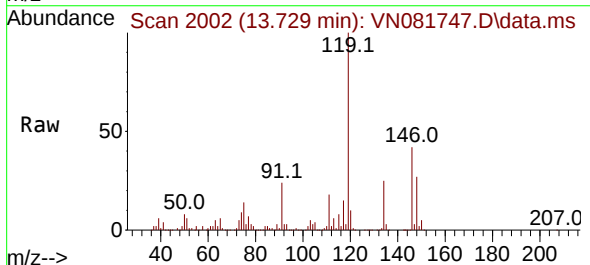
Manual Integrations
 APPROVED

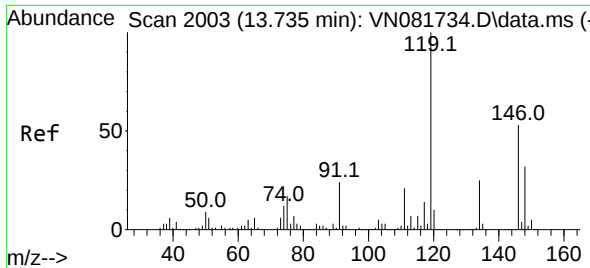
Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024



#86
 p-Isopropyltoluene
 Concen: 48.815 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081747.D
 Acq: 16 Apr 2024 10:06

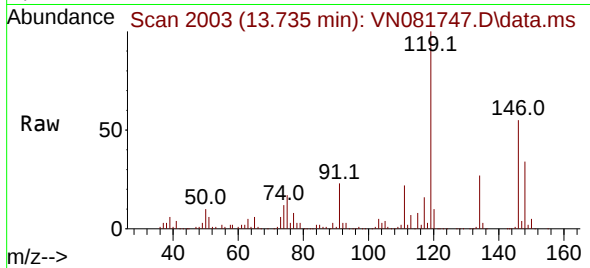
Tgt Ion:119 Resp: 716387
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 24.2 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 45.528 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

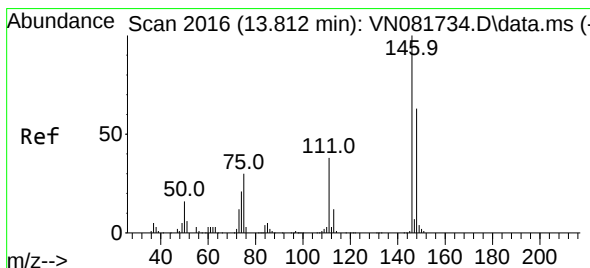
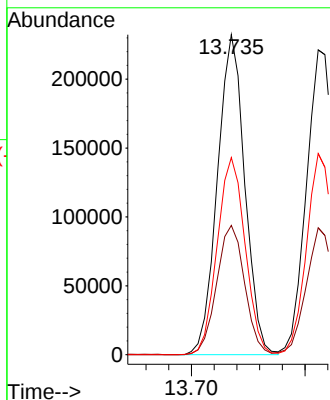
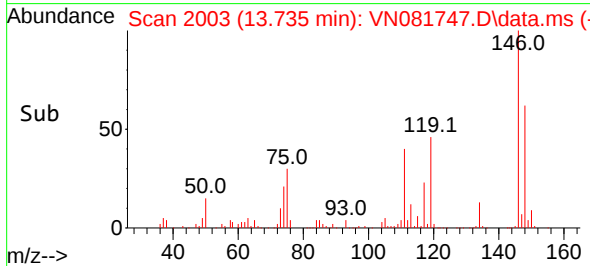
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



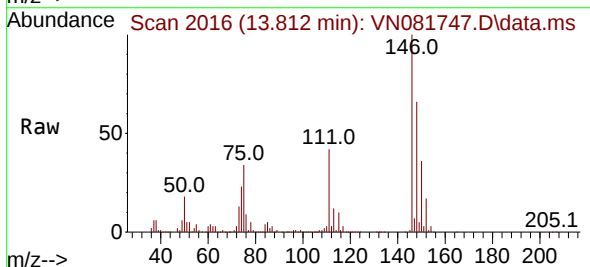
Tgt Ion:146 Resp: 38904
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.5
148 62.8 32.1 96.3

Manual Integrations
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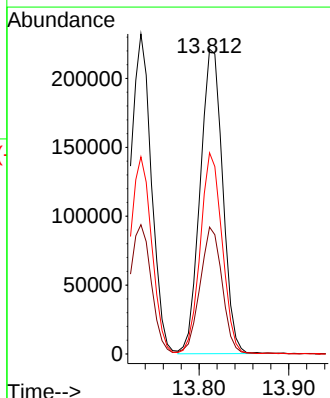
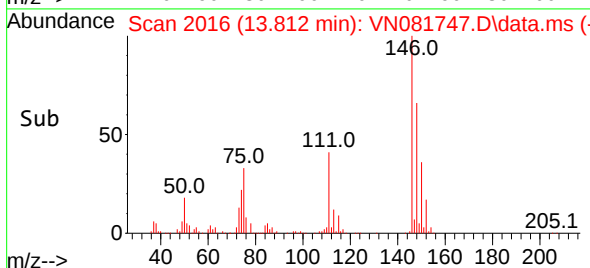
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

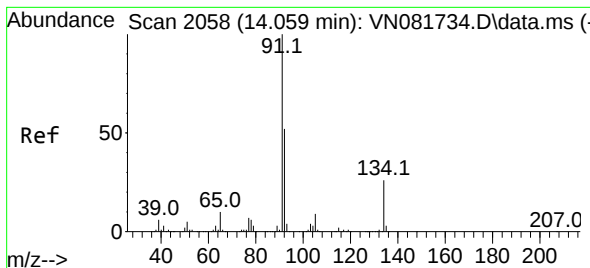


#88
1,4-Dichlorobenzene
Concen: 44.221 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



Tgt Ion:146 Resp: 385338
Ion Ratio Lower Upper
146 100
111 41.1 19.3 57.9
148 63.7 31.3 93.9





#89

n-Butylbenzene

Concen: 48.278 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

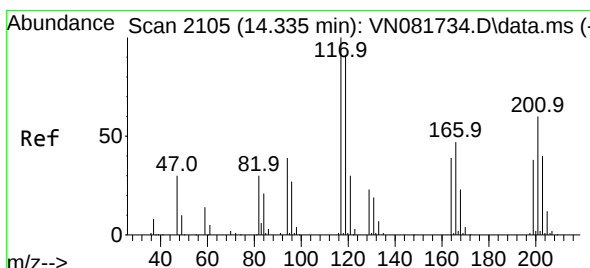
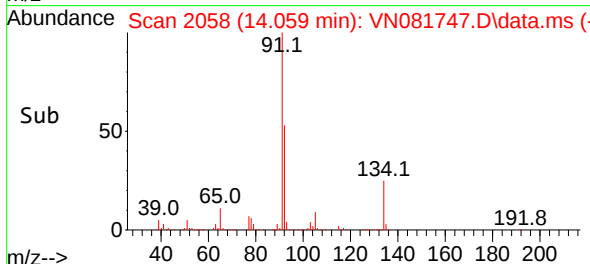
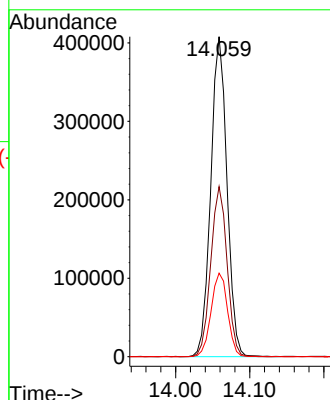
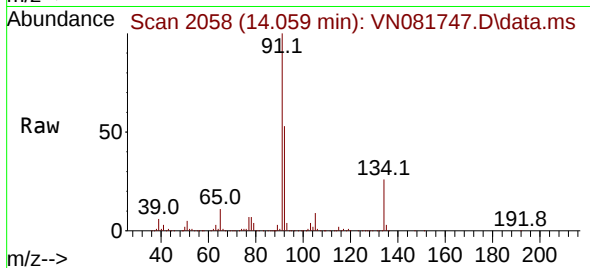
Tgt Ion: 91 Resp: 61946
 Ion Ratio Lower Upper
 91 100
 92 53.5 26.2 78.5
 134 26.6 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#90

Hexachloroethane

Concen: 42.876 ug/l

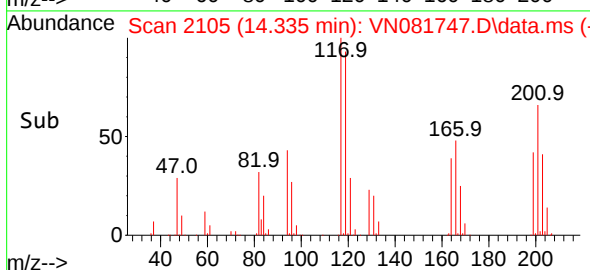
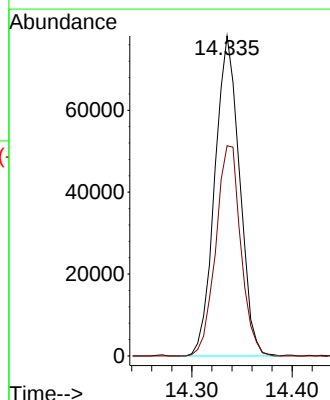
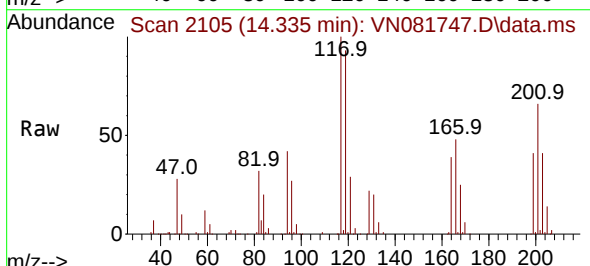
RT: 14.335 min Scan# 2105

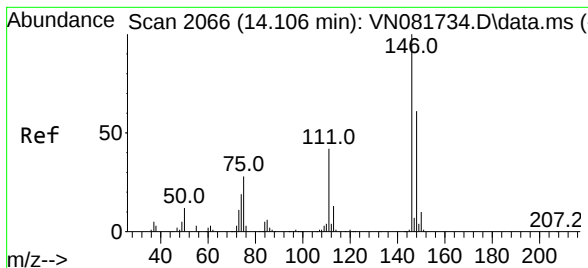
Delta R.T. 0.000 min

Lab File: VN081747.D

Acq: 16 Apr 2024 10:06

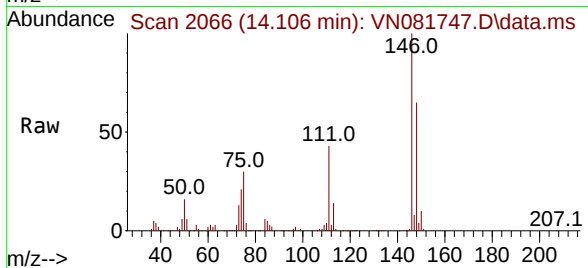
Tgt Ion:117 Resp: 133944
 Ion Ratio Lower Upper
 117 100
 201 66.2 33.3 99.8





#91
1,2-Dichlorobenzene
Concen: 44.931 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

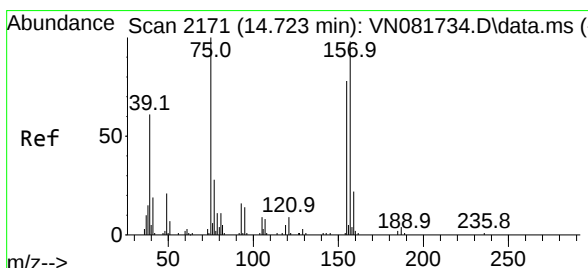
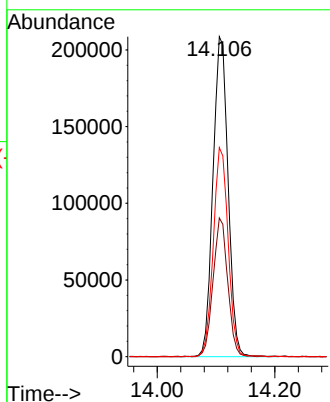
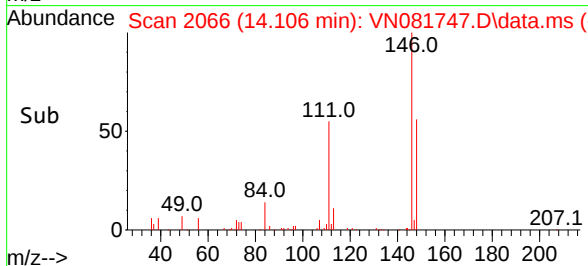
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 371619
Ion Ratio Lower Upper
146 100
111 42.1 21.3 64.0
148 64.3 31.8 95.4

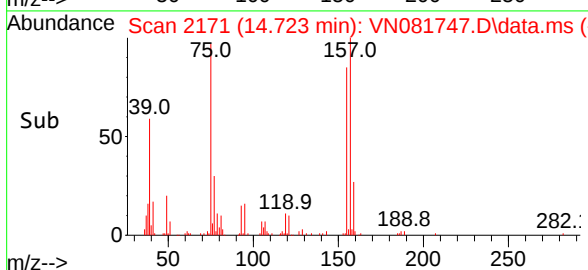
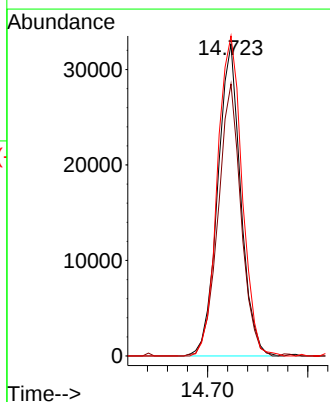
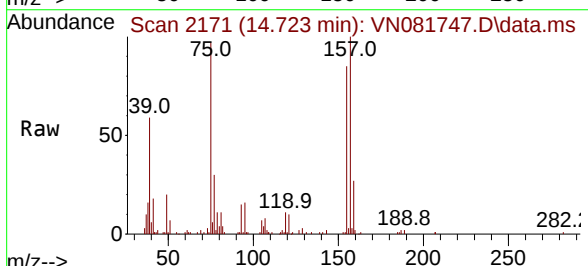
Manual Integrations
APPROVED

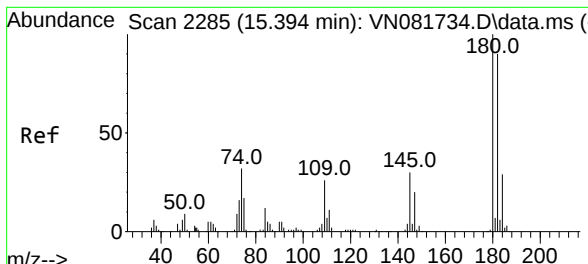
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.264 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

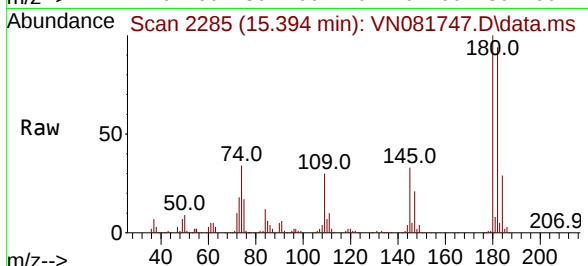
Tgt Ion: 75 Resp: 51968
Ion Ratio Lower Upper
75 100
155 86.9 42.6 128.0
157 109.6 53.0 159.0





#93
1,2,4-Trichlorobenzene
Concen: 49.285 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

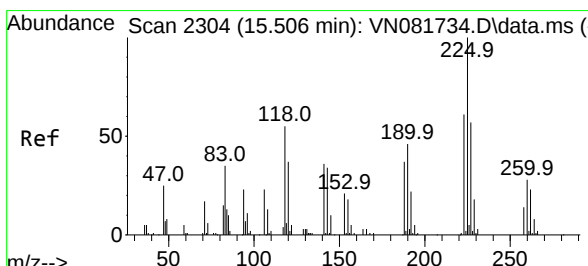
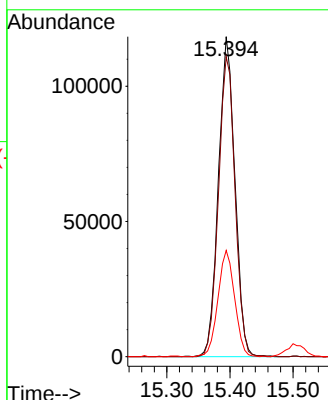
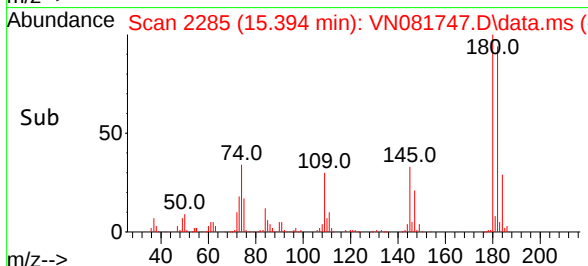
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



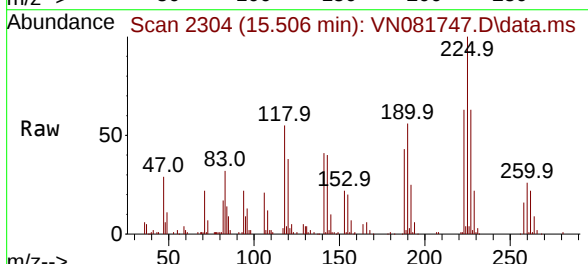
Tgt Ion:180 Resp: 21472
Ion Ratio Lower Upper
180 100
182 94.4 46.7 140.0
145 33.7 16.2 48.6

Manual Integrations
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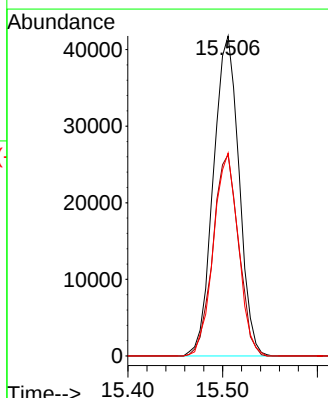
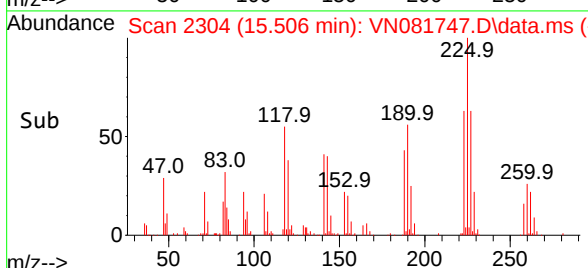
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

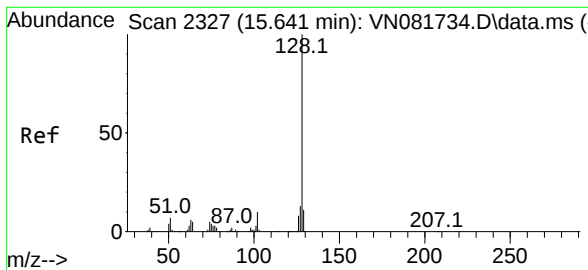


#94
Hexachlorobutadiene
Concen: 41.899 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



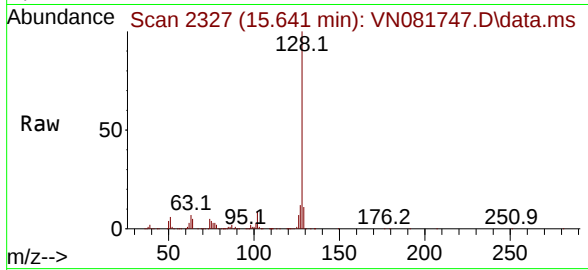
Tgt Ion:225 Resp: 78692
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 61.4 30.6 91.6





#95
Naphthalene
Concen: 56.498 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06

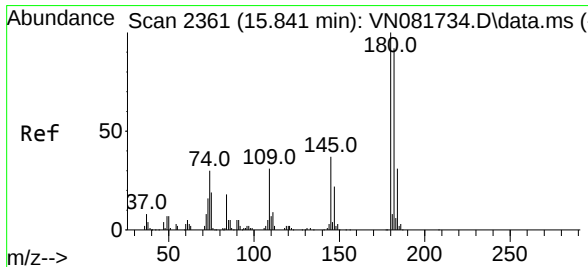
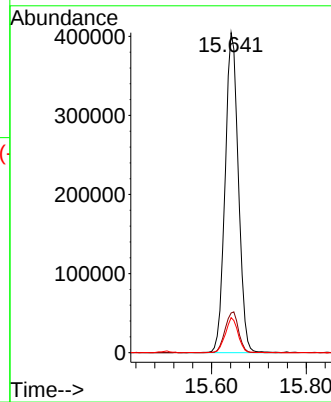
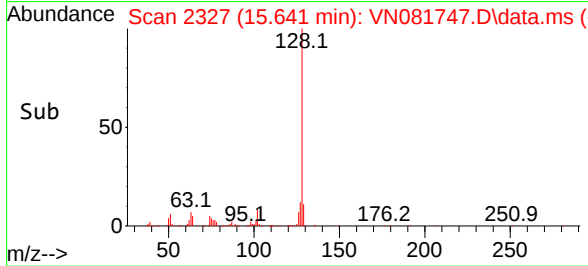
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



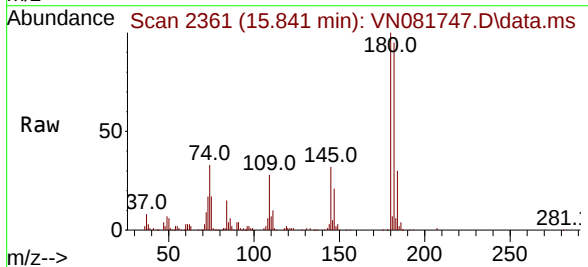
Tgt Ion:128 Resp: 78644
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.5 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#96
1,2,3-Trichlorobenzene
Concen: 48.232 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081747.D
Acq: 16 Apr 2024 10:06



Tgt Ion:180 Resp: 214851
Ion Ratio Lower Upper
180 100
182 97.2 46.0 137.8
145 34.7 17.1 51.3

