

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121223\
 Data File : VW033253.D
 Acq On : 12 Dec 2023 09:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 13 00:41:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	293382	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	287224	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	175366	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	89946	51.285	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.580%	
7) Chloroethane-d5	1.532	69	65013	53.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 106.400%	
11) 1,1-Dichloroethene-d2	2.060	65	35314	52.929	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 105.860%	
21) 2-Butanone-d5	3.783	46	82785	95.035	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 95.040%	
24) Chloroform-d	4.246	84	195673	52.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.140%	
26) 1,2-Dichloroethane-d4	4.941	65	123716	53.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.920%	
32) Benzene-d6	4.957	84	363798	54.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.320%	
36) 1,2-Dichloropropane-d6	5.986	67	93500	51.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 103.540%	
41) Toluene-d8	7.239	98	361644	56.435	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.880%	
43) trans-1,3-Dichloroprop...	7.551	79	55668	48.741	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 97.480%	
47) 2-Hexanone-d5	8.021	63	69410	95.658	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 95.660%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	136143	53.024	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 106.040%	
66) 1,2-Dichlorobenzene-d4	11.561	152	167456	53.669	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.340%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	156016	48.651	ug/L	100
3) Chloromethane	1.214	50	93856	44.375	ug/L	95
5) Vinyl chloride	1.285	62	101526	50.051	ug/L	98
6) Bromomethane	1.487	94	67572	51.051	ug/L	97
8) Chloroethane	1.548	64	54790	50.734	ug/L	100
9) Trichlorofluoromethane	1.712	101	181729	54.293	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	86403	54.971	ug/L	98
12) 1,1-Dichloroethene	2.069	96	81552	55.445	ug/L	97
13) Acetone	2.114	43	62999	75.756	ug/L	100
14) Carbon disulfide	2.240	76	245429	46.508	ug/L	100
15) Methyl Acetate	2.372	43	68415	49.360	ug/L	99
16) Methylene chloride	2.445	84	102225	52.486	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	97392	50.431	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	313391	53.419	ug/L	99
19) 1,1-Dichloroethane	3.108	63	164386	51.430	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	111322	54.326	ug/L	97
22) 2-Butanone	3.867	43	91989	86.922	ug/L	100
23) Bromochloromethane	4.146	128	61822	52.543	ug/L	96
25) Chloroform	4.272	83	197955	53.850	ug/L	95

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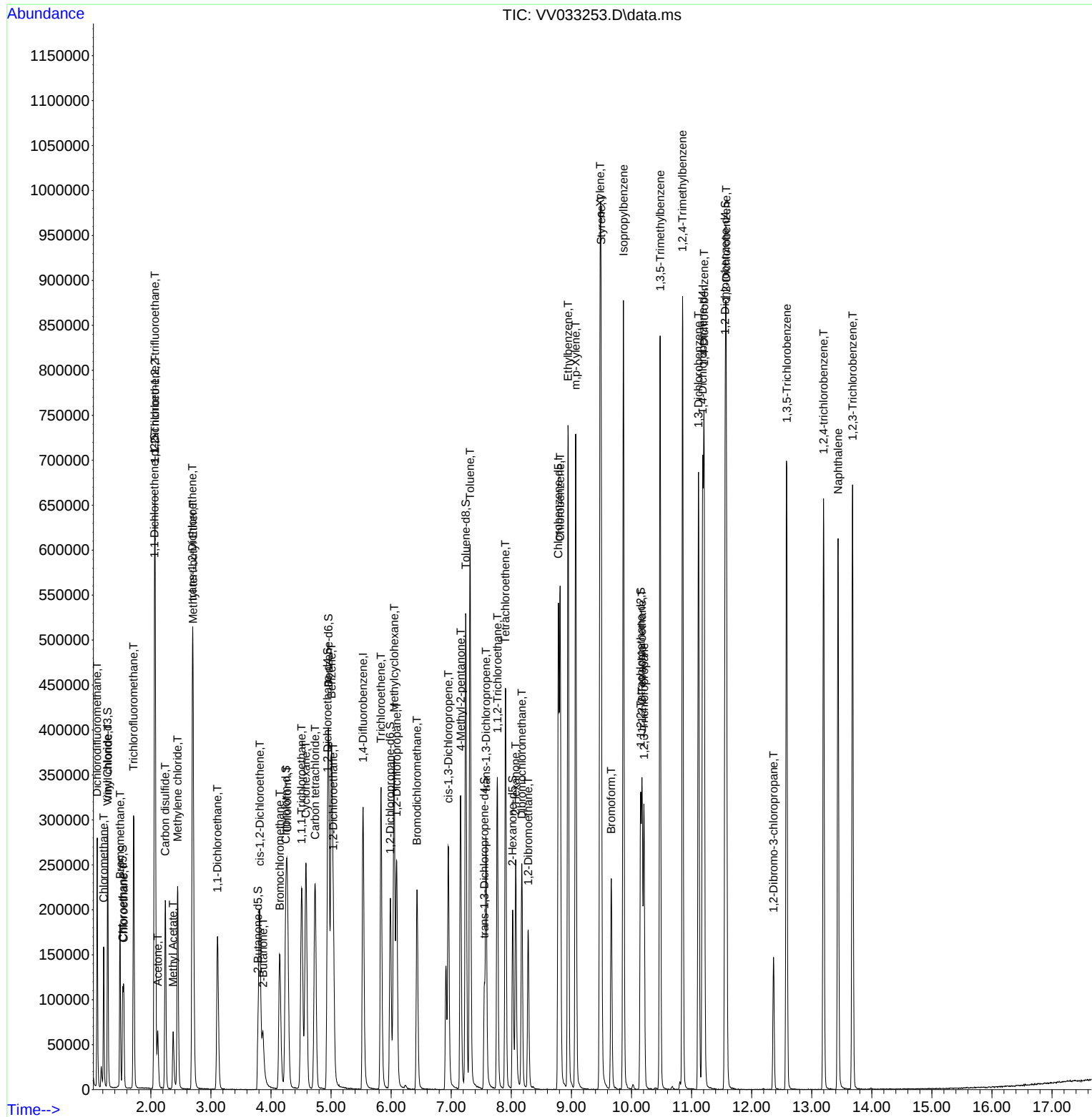
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	155415	53.502	ug/L	99
29) Cyclohexane	4.580	56	132293	49.867	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	193202	54.428	ug/L	99
31) Carbon tetrachloride	4.735	117	181200	54.900	ug/L	100
33) Benzene	5.008	78	393293	54.035	ug/L	100
34) Trichloroethene	5.831	95	113696	52.287	ug/L	95
35) Methylcyclohexane	6.050	83	163924	51.942	ug/L	97
37) 1,2-Dichloropropane	6.092	63	90892	53.959	ug/L	99
38) Bromodichloromethane	6.429	83	150681	55.487	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	156646	51.249	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	187507	104.840	ug/L	97
42) Toluene	7.313	91	450176	54.887	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	160552	51.946	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	106388	54.471	ug/L	97
46) Tetrachloroethene	7.902	164	104161	55.723	ug/L	94
48) 2-Hexanone	8.072	43	144399	97.379	ug/L	97
49) Dibromochloromethane	8.175	129	130117	55.807	ug/L	100
50) 1,2-Dibromoethane	8.281	107	114776	55.120	ug/L	100
51) Chlorobenzene	8.812	112	313127	54.290	ug/L	98
52) Ethylbenzene	8.944	91	514088	54.455	ug/L	99
53) m,p-Xylene	9.072	106	209912	56.146	ug/L	93
54) o-Xylene	9.477	106	201936	54.737	ug/L	99
55) Styrene	9.493	104	362117	56.740	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	144862	54.287	ug/L	99
59) Bromoform	9.664	173	104162	54.727	ug/L	99
60) Isopropylbenzene	9.866	105	561860	55.566	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	116626	53.334	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	447025	54.872	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	468436	55.212	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	288604	53.425	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	293440	52.293	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	287132	54.218	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	34669	51.670	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	223584	51.671	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	208631	52.188	ug/L	99
71) Naphthalene	13.439	128	494096	50.680	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	205160	53.185	ug/L	97

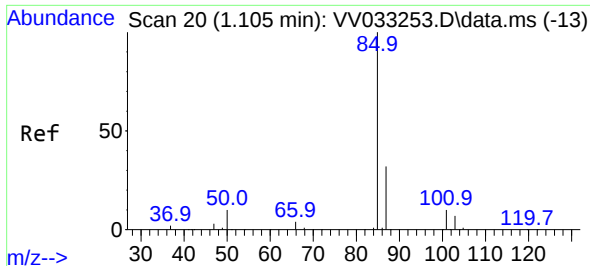
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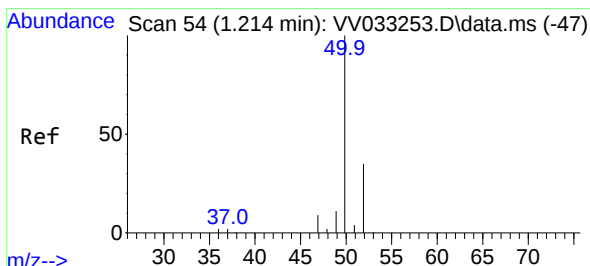
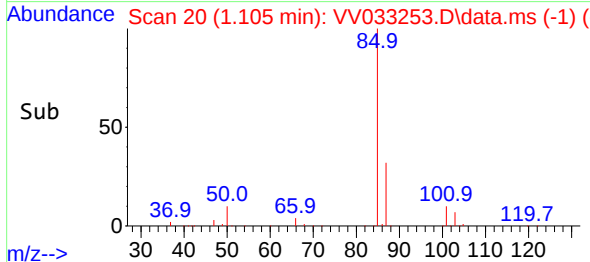
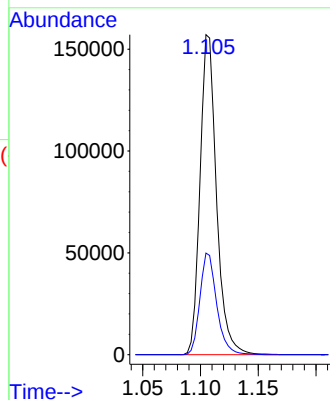
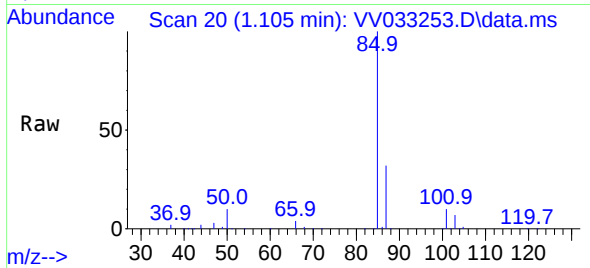




#2
Dichlorodifluoromethane
Concen: 48.651 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

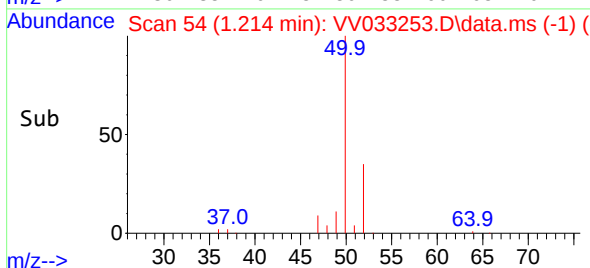
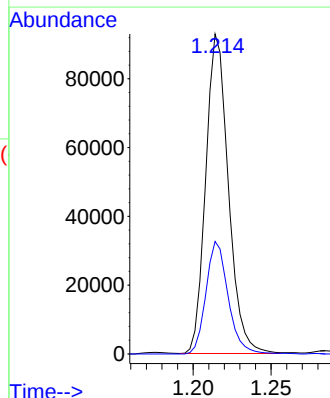
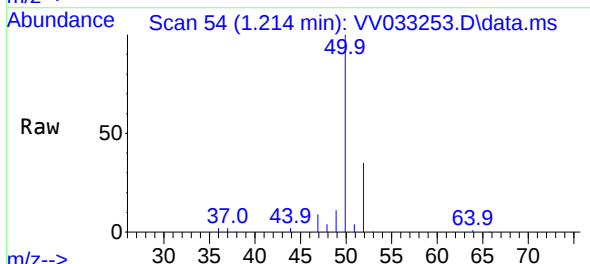
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MSVOA_V
ClientSampleId :

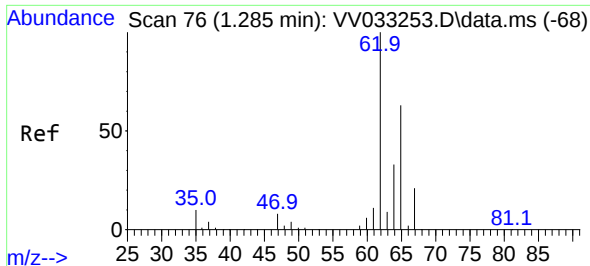
Tgt Ion: 85 Resp: 156016
Ion Ratio Lower Upper
85 100
87 32.4 26.0 39.0



#3
Chloromethane
Concen: 44.375 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion: 50 Resp: 93856
Ion Ratio Lower Upper
50 100
52 35.2 22.8 42.4

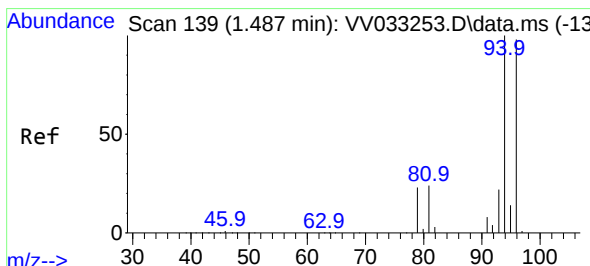
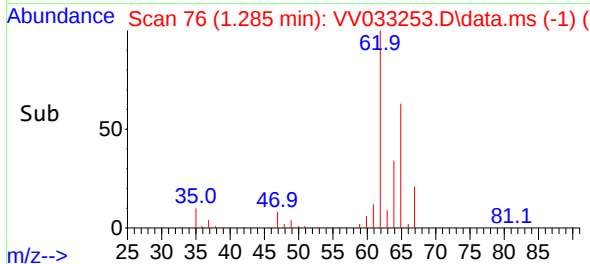
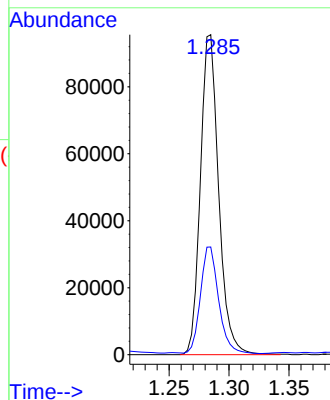
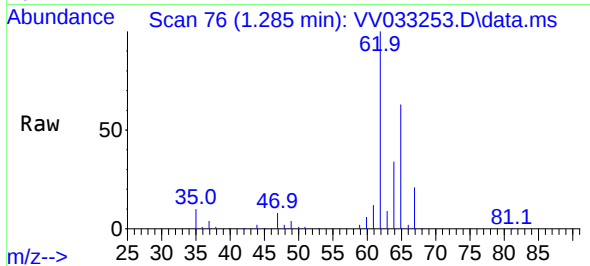




#5
 Vinyl chloride
 Concen: 50.051 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV033253.D
 Acq: 12 Dec 2023 09:18

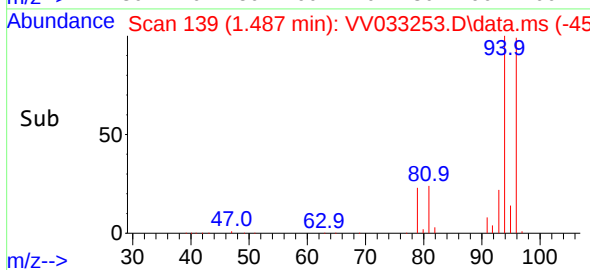
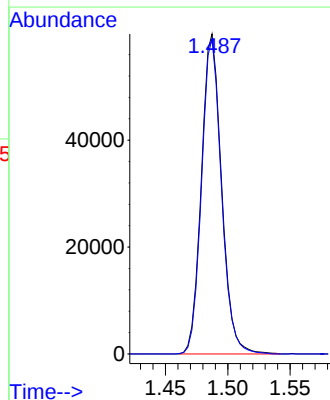
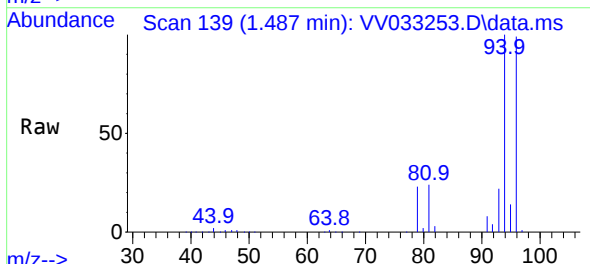
Instrument :
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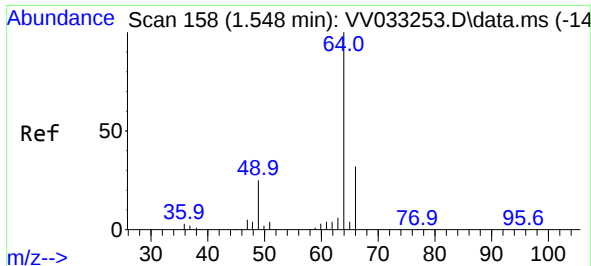
Tgt Ion: 62 Resp: 101526
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.2 45.0



#6
 Bromomethane
 Concen: 51.051 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV033253.D
 Acq: 12 Dec 2023 09:18

Tgt Ion: 94 Resp: 67572
 Ion Ratio Lower Upper
 94 100
 96 98.5 67.1 124.7

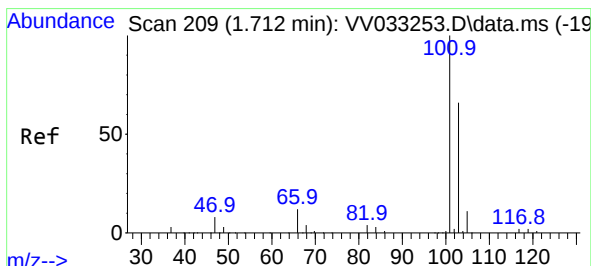
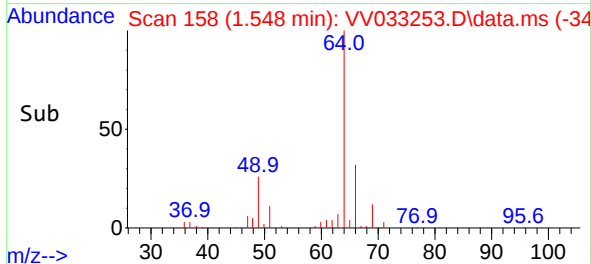
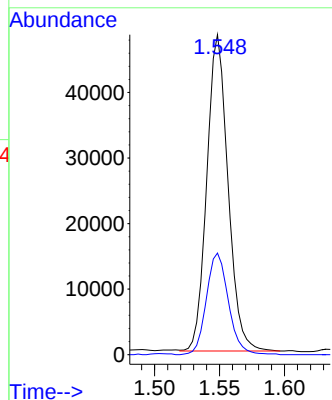
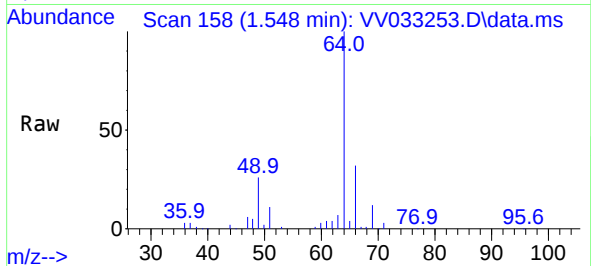




#8
Chloroethane
Concen: 50.734 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

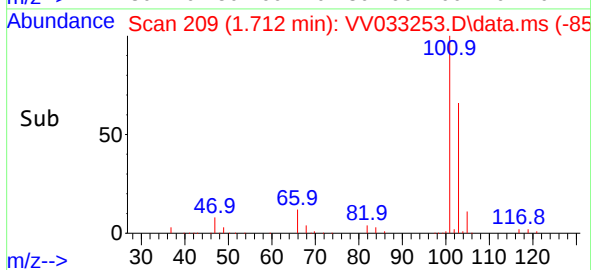
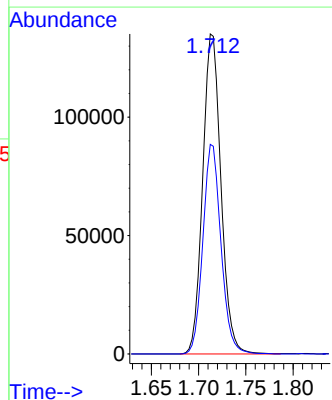
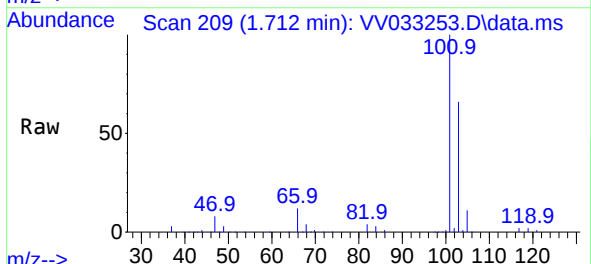
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MSVOA_V
ClientSampleId :

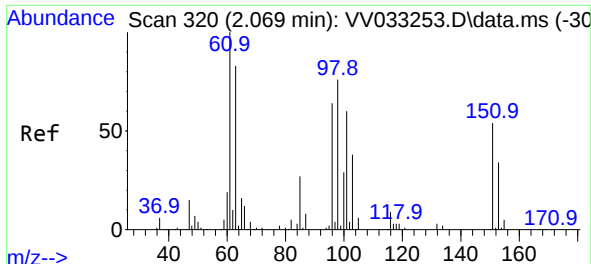
Tgt Ion: 64 Resp: 54790
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 54.293 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion:101 Resp: 181729
Ion Ratio Lower Upper
101 100
103 64.7 51.3 76.9

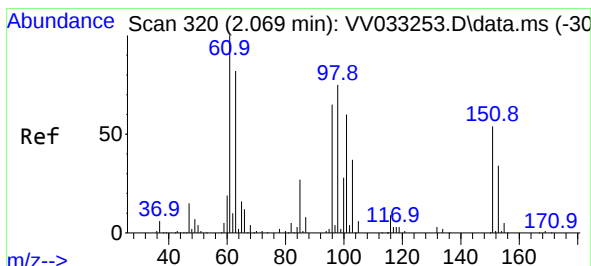
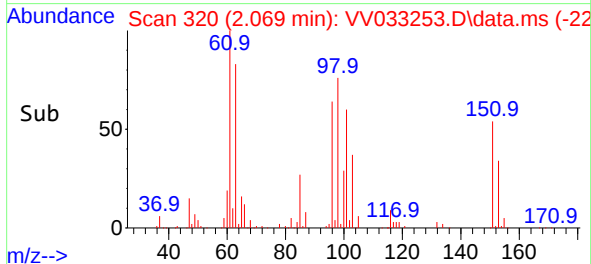
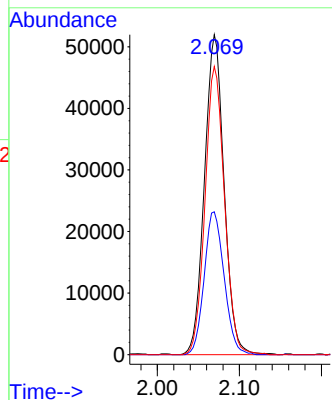
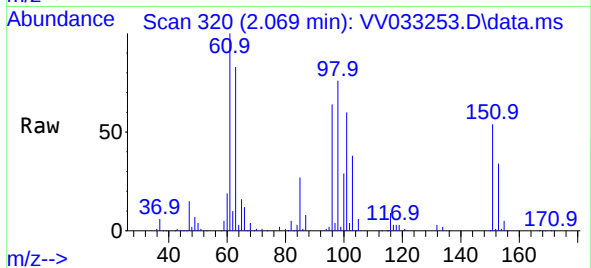




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.971 ug/L
RT: 2.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

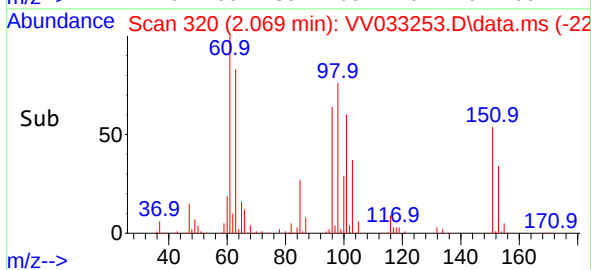
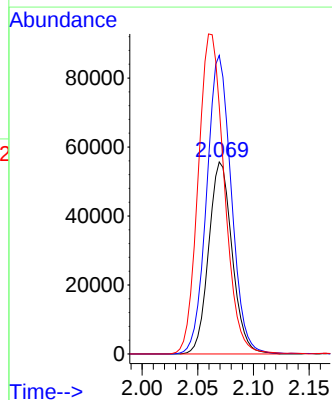
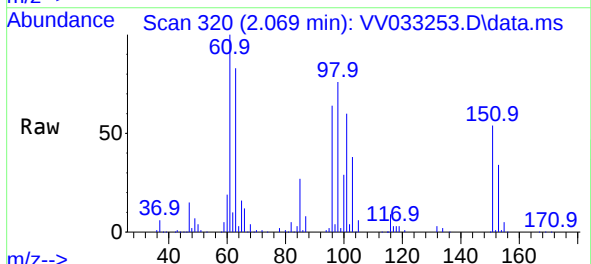
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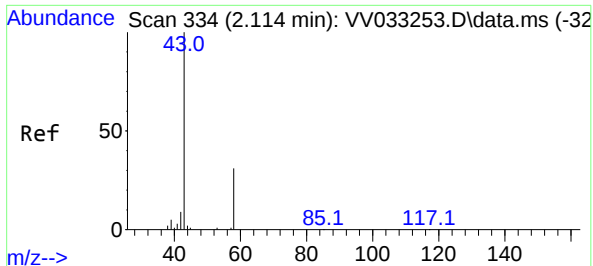
Tgt Ion:101 Resp: 86403
Ion Ratio Lower Upper
101 100
85 45.4 36.0 54.0
151 89.2 69.1 103.7



#12
1,1-Dichloroethene
Concen: 55.445 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion: 96 Resp: 81552
Ion Ratio Lower Upper
96 100
61 155.4 109.1 202.7
63 129.0 85.3 158.3





#13

Acetone

Concen: 75.756 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV033253.D

Acq: 12 Dec 2023 09:18

Instrument :

MSVOA_V

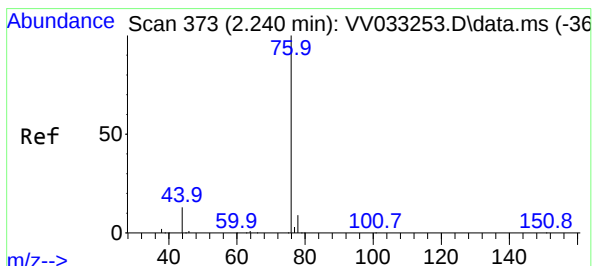
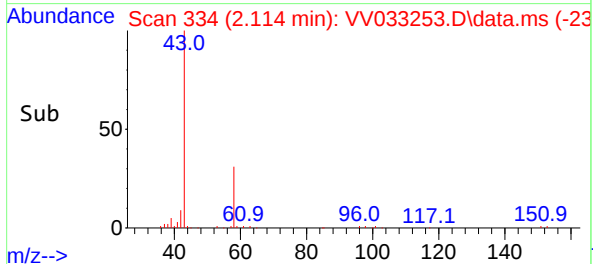
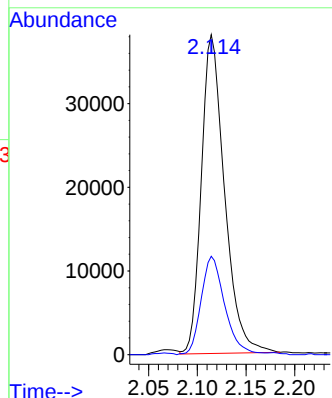
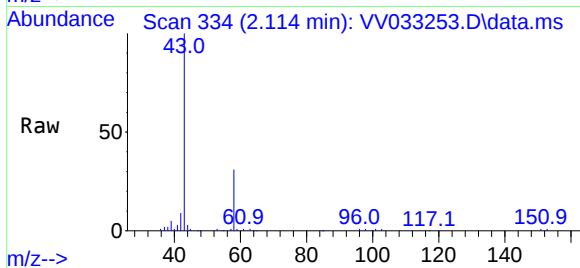
ClientSampleId :

Tgt Ion: 43 Resp: 62999

Ion Ratio Lower Upper

43 100

58 31.5 0.0 62.8



#14

Carbon disulfide

Concen: 46.508 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033253.D

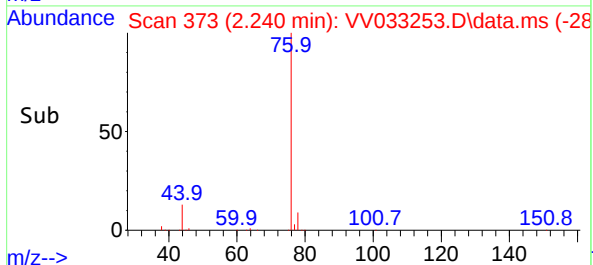
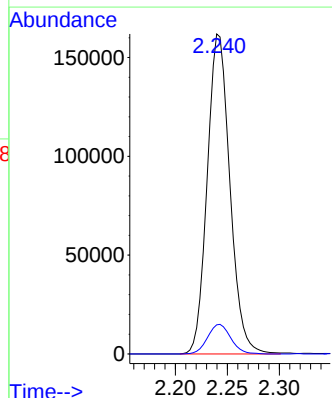
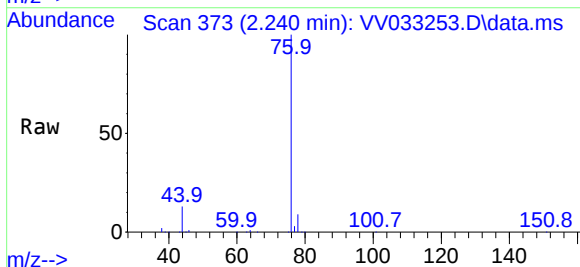
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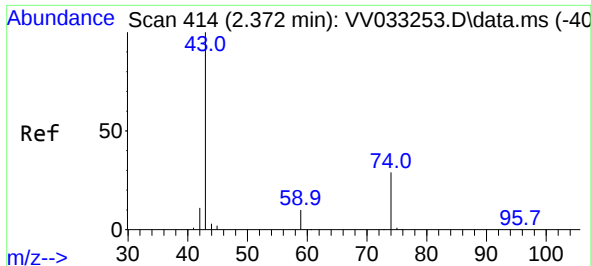
Tgt Ion: 76 Resp: 245429

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

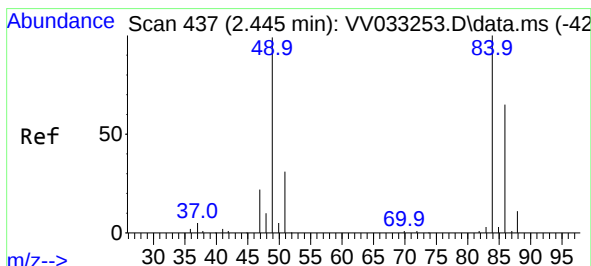
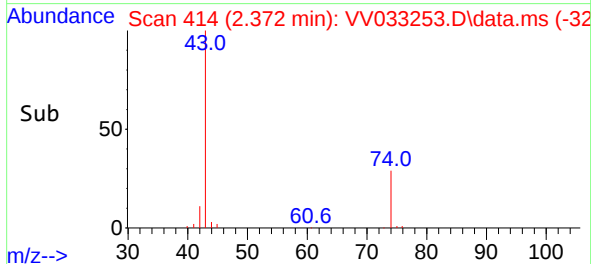
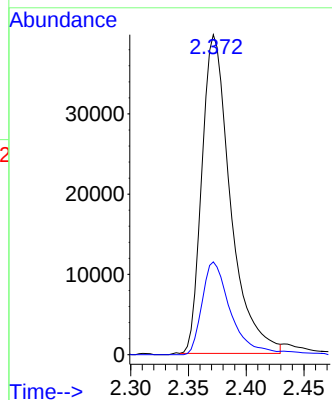
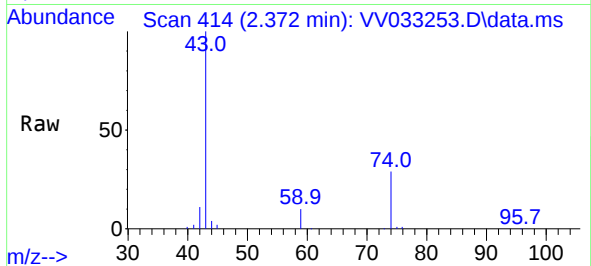




#15
Methyl Acetate
Concen: 49.360 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

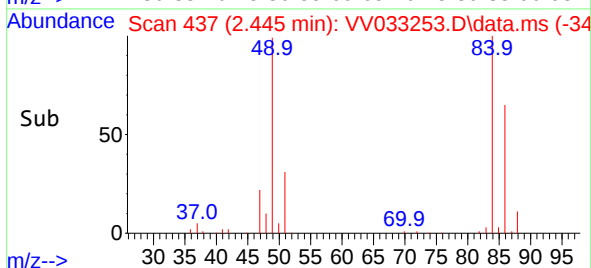
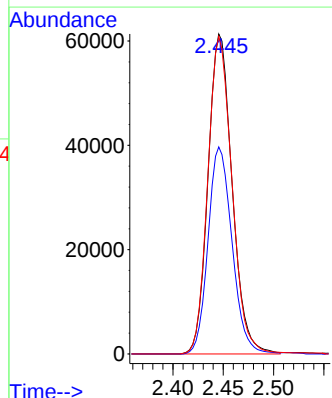
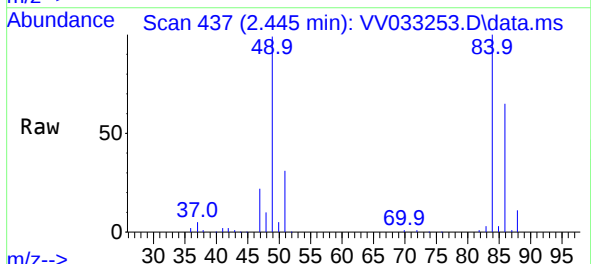
Instrument :
MSVOA_V
ClientSampleId :

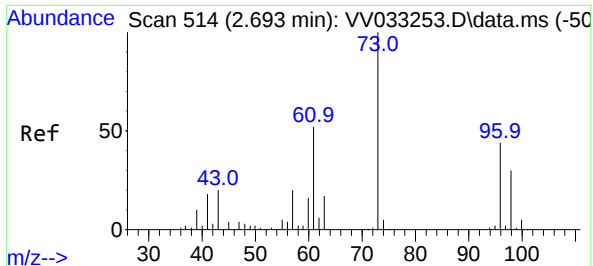
Tgt Ion: 43 Resp: 68415
Ion Ratio Lower Upper
43 100
74 28.8 22.6 33.8



#16
Methylene chloride
Concen: 52.486 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

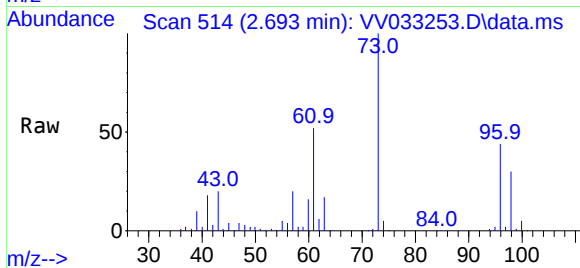
Tgt Ion: 84 Resp: 102225
Ion Ratio Lower Upper
84 100
86 64.7 45.9 85.3
49 99.2 75.5 140.1



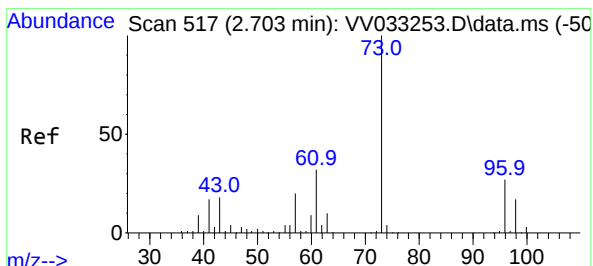
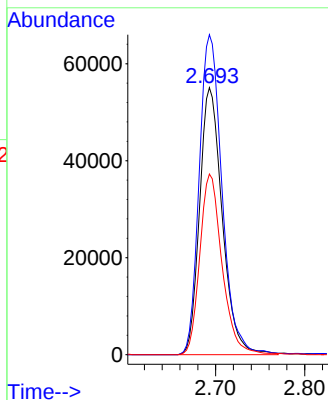
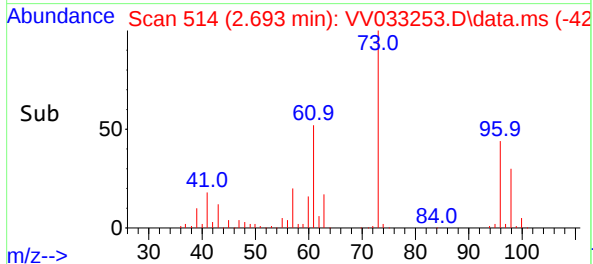


#17
trans-1,2-Dichloroethene
Concen: 50.431 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

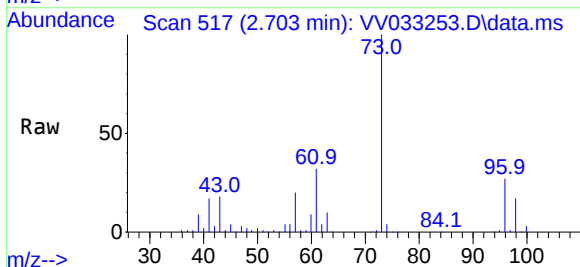
Instrument :
MSVOA_V
ClientSampleId :



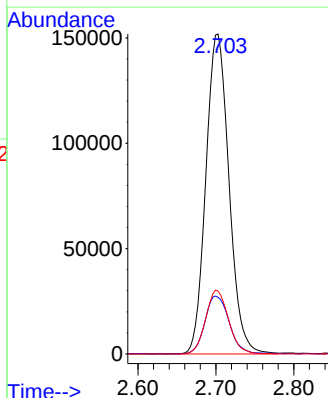
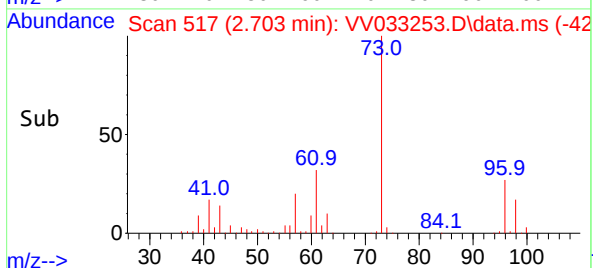
Tgt Ion: 96 Resp: 97392
Ion Ratio Lower Upper
96 100
61 119.8 86.5 160.6
98 67.6 45.1 83.7

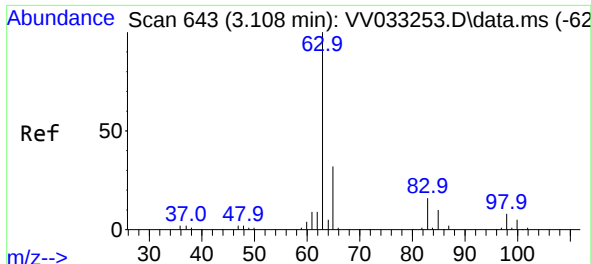


#18
Methyl tert-butyl Ether
Concen: 53.419 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18



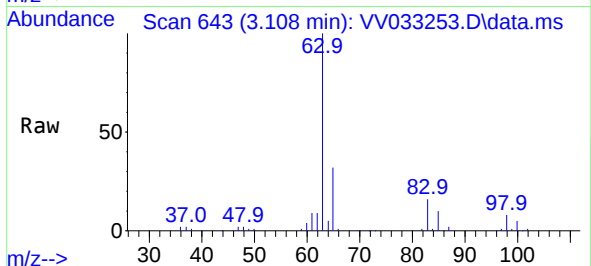
Tgt Ion: 73 Resp: 313391
Ion Ratio Lower Upper
73 100
43 18.8 15.4 23.2
57 19.6 16.1 24.1





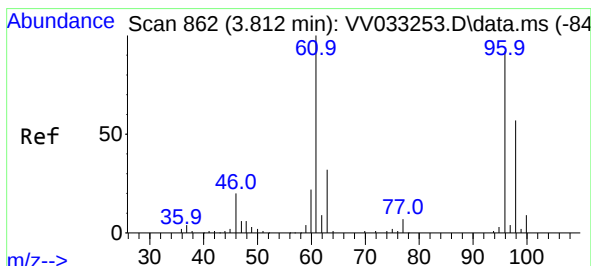
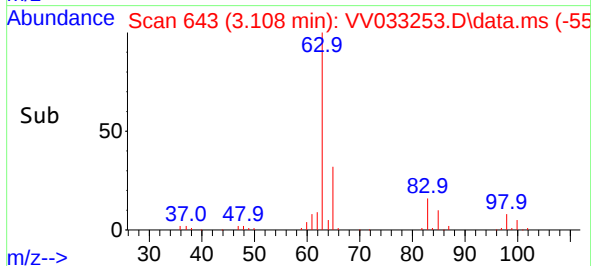
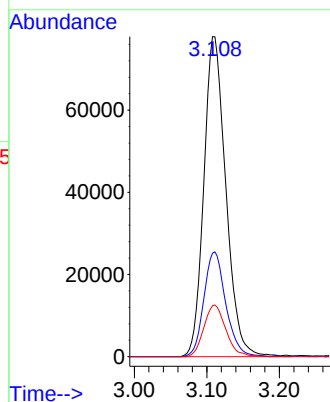
#19
1,1-Dichloroethane
Concen: 51.430 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 164386

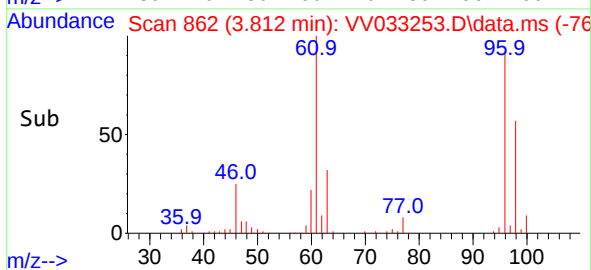
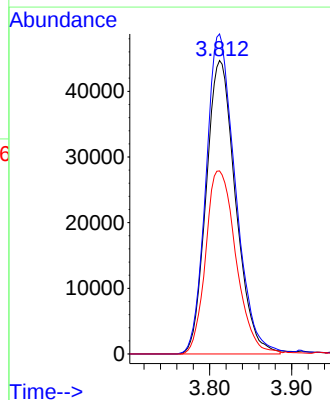
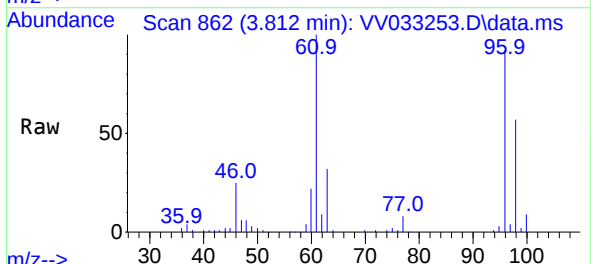
Ion	Ratio	Lower	Upper
63	100		
65	32.4	23.0	42.6
83	15.9	11.4	21.2

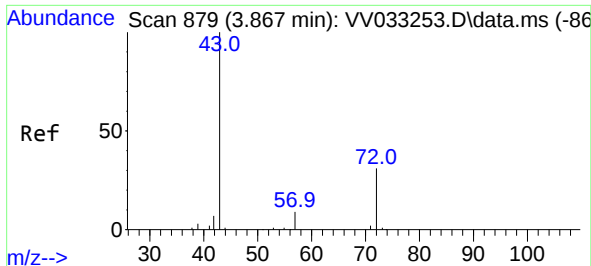


#20
cis-1,2-Dichloroethene
Concen: 54.326 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion: 96 Resp: 111322

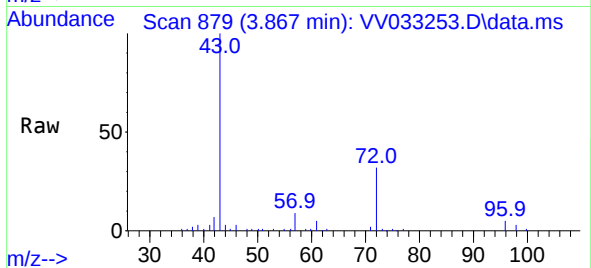
Ion	Ratio	Lower	Upper
96	100		
61	109.1	79.1	146.9
98	62.4	45.1	83.7



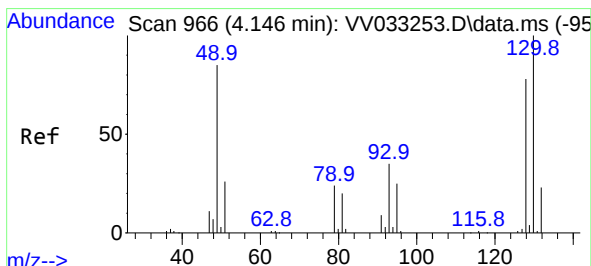
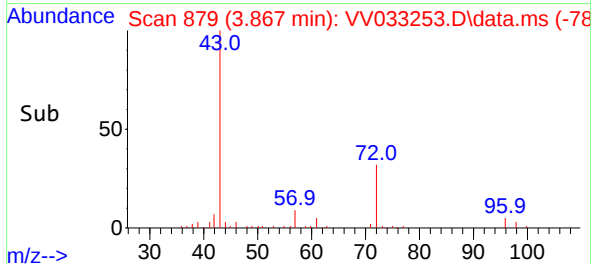
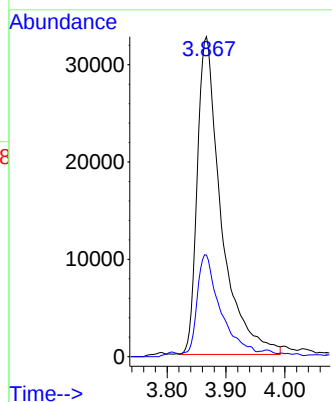


#22
2-Butanone
Concen: 86.922 ug/L
RT: 3.867 min Scan# 81
Delta R.T. 0.010 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Instrument :
MSVOA_V
ClientSampleId :

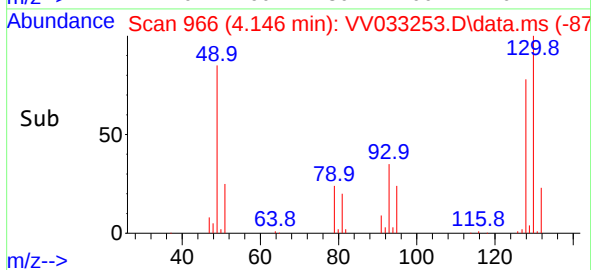
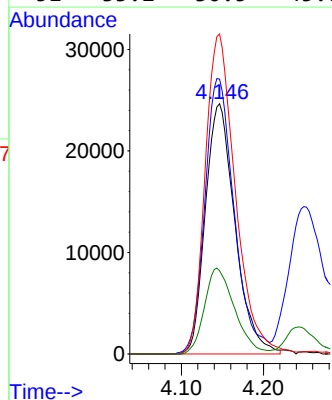
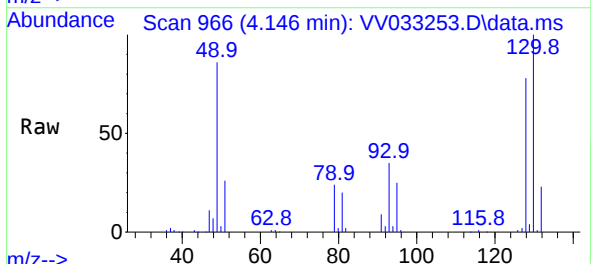


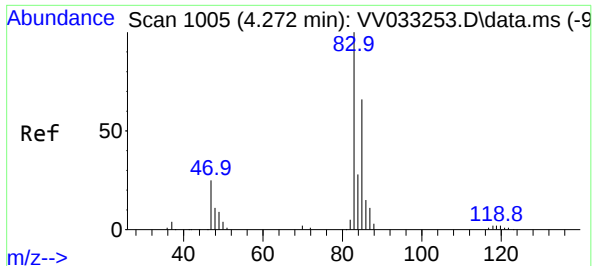
Tgt Ion: 43 Resp: 91989
Ion Ratio Lower Upper
43 100
72 29.2 14.6 43.8



#23
Bromochloromethane
Concen: 52.543 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion: 128 Resp: 61822
Ion Ratio Lower Upper
128 100
49 109.9 81.7 151.7
130 127.9 90.1 167.3
51 33.2 30.5 45.7





#25

Chloroform

Concen: 53.850 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV033253.D

Acq: 12 Dec 2023 09:18

Instrument :

MSVOA_V

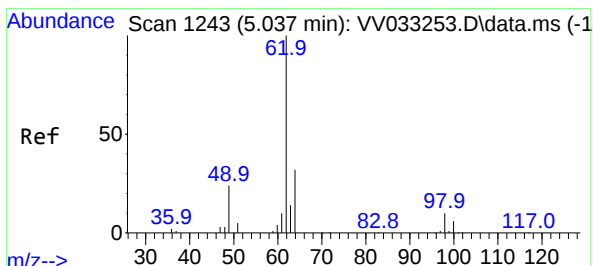
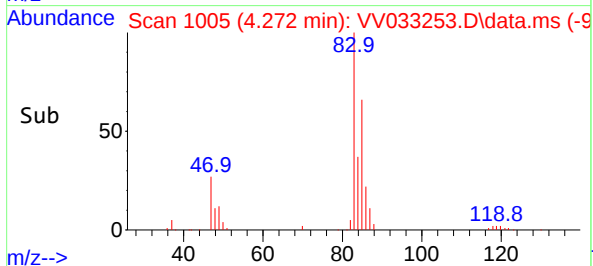
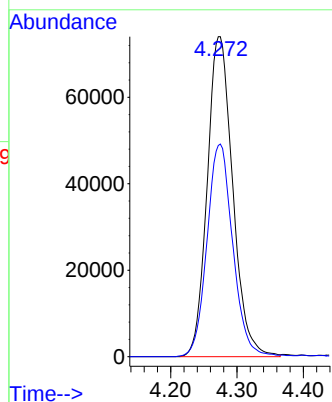
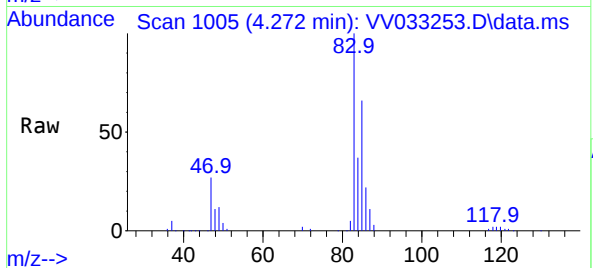
ClientSampleId :

Tgt Ion: 83 Resp: 197955

Ion Ratio Lower Upper

83 100

85 66.0 43.5 80.7



#27

1,2-Dichloroethane

Concen: 53.502 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV033253.D

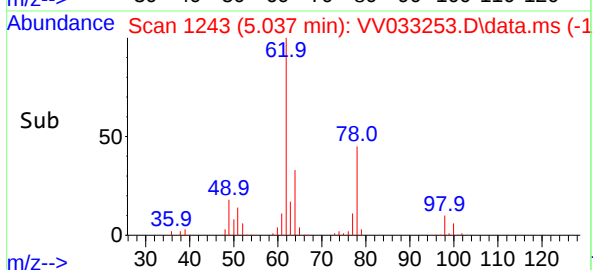
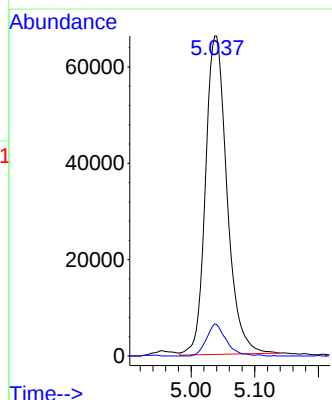
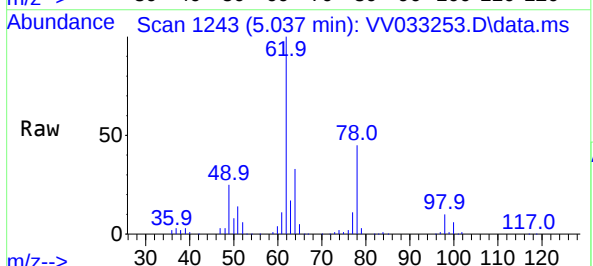
Acq: 12 Dec 2023 09:18

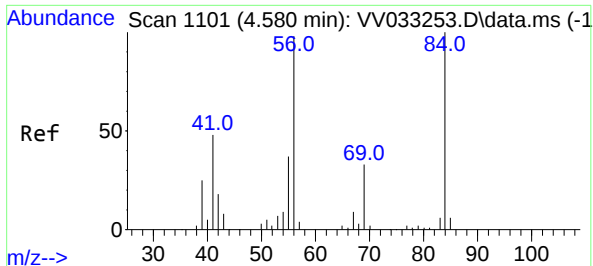
Tgt Ion: 62 Resp: 155415

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8





#29

Cyclohexane

Concen: 49.867 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV033253.D

Acq: 12 Dec 2023 09:18

Instrument :

MSVOA_V

ClientSampleId :

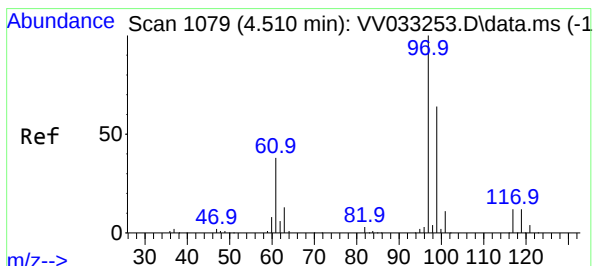
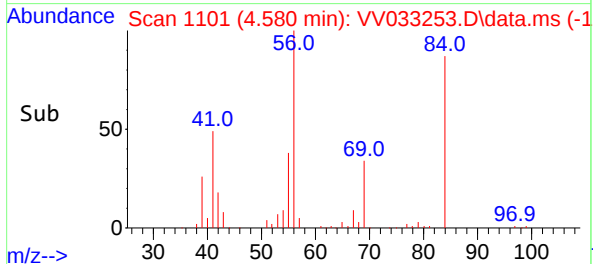
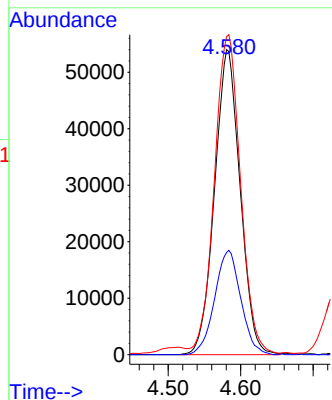
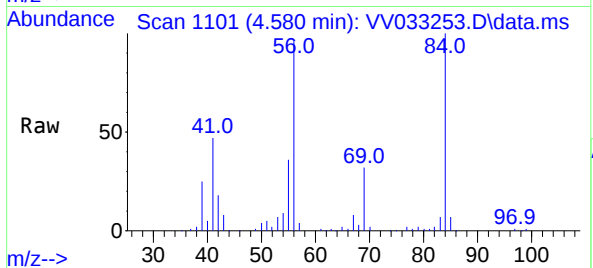
Tgt Ion: 56 Resp: 132293

Ion Ratio Lower Upper

56 100

69 34.9 26.9 40.3

84 106.4 80.6 121.0



#30

1,1,1-Trichloroethane

Concen: 54.428 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV033253.D

Acq: 12 Dec 2023 09:18

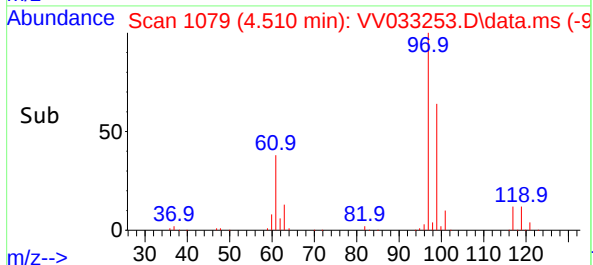
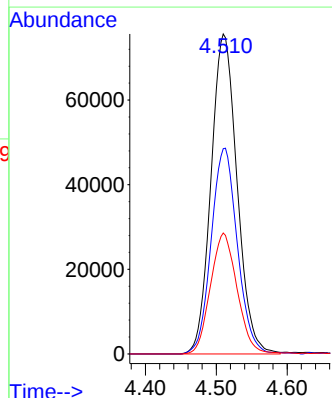
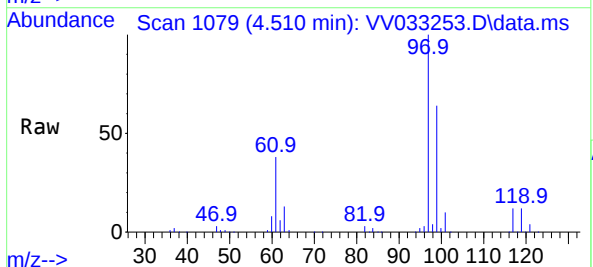
Tgt Ion: 97 Resp: 193202

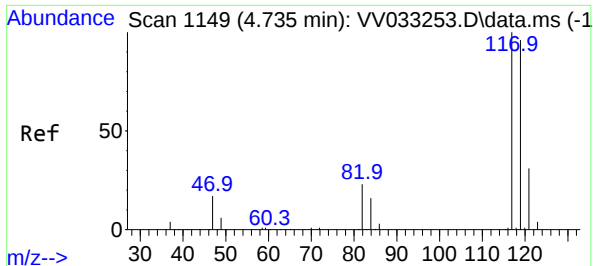
Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 38.7 31.8 47.8

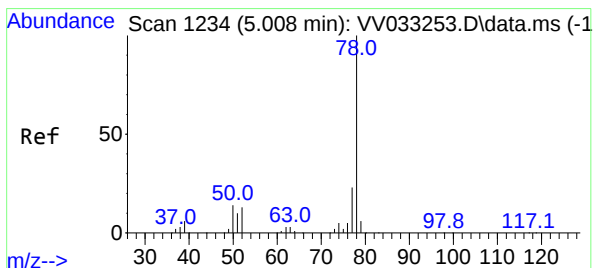
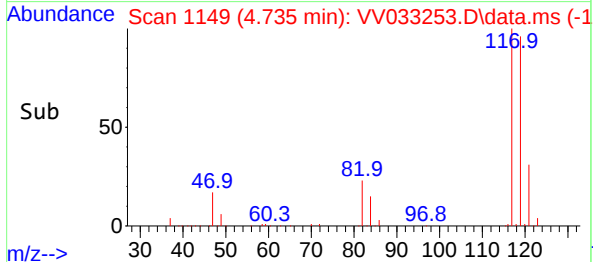
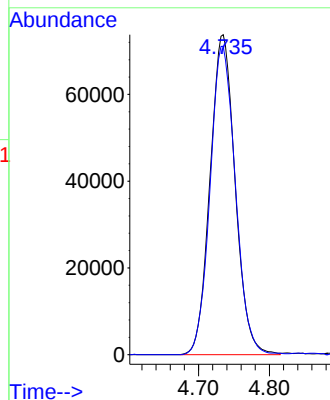
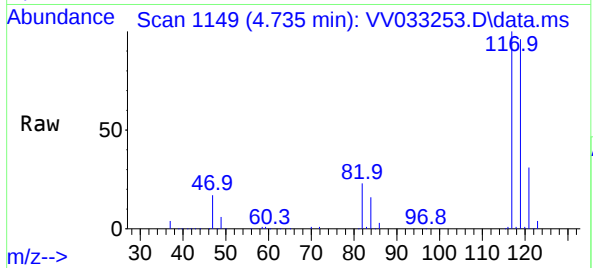




#31
Carbon tetrachloride
Concen: 54.900 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

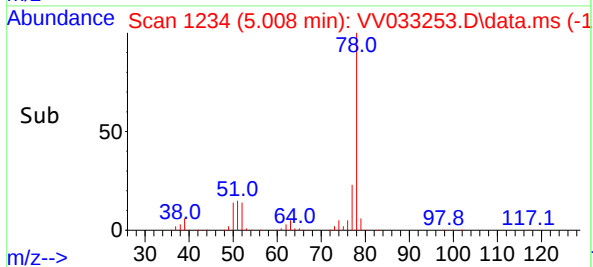
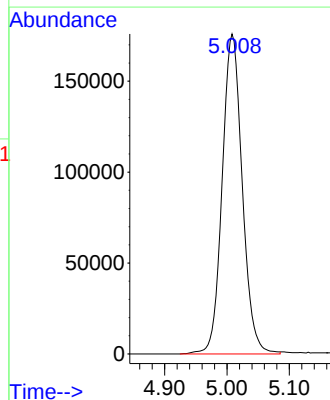
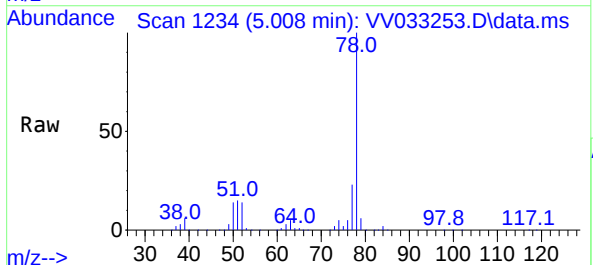
Instrument :
MSVOA_V
ClientSampleId :

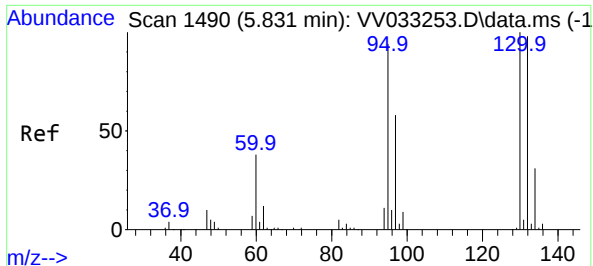
Tgt Ion:117 Resp: 181200
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3



#33
Benzene
Concen: 54.035 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

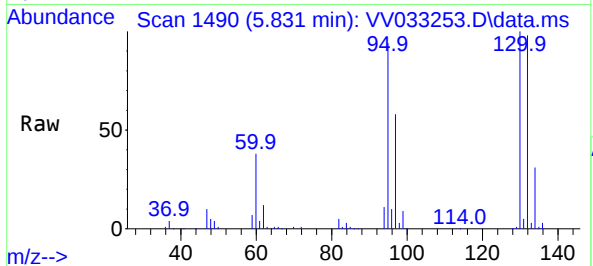
Tgt Ion: 78 Resp: 393293



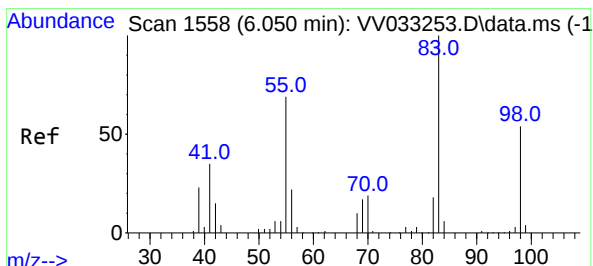
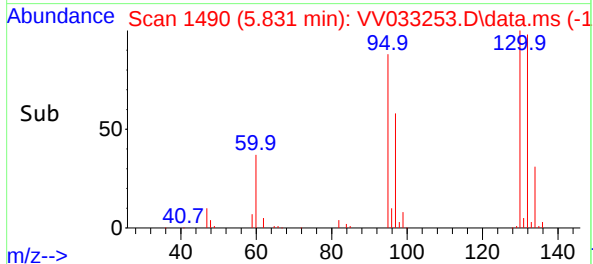
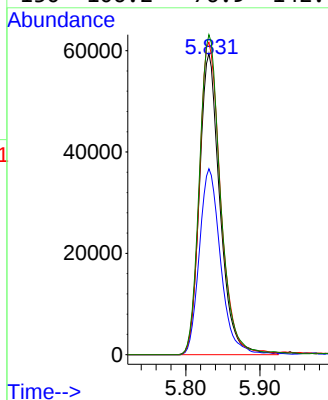


#34
Trichloroethene
Concen: 52.287 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Instrument :
MSVOA_V
ClientSampleId :

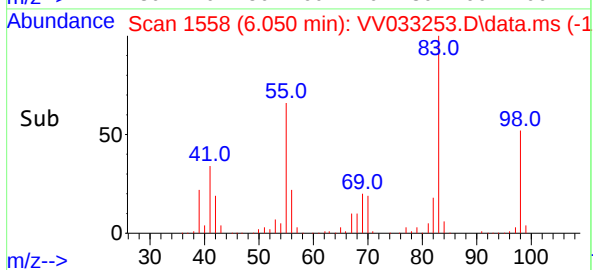
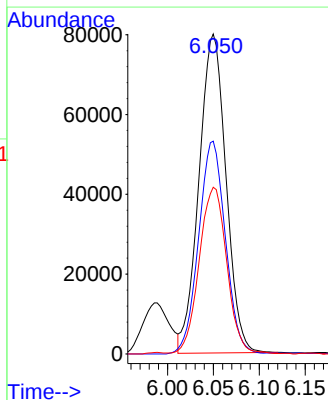
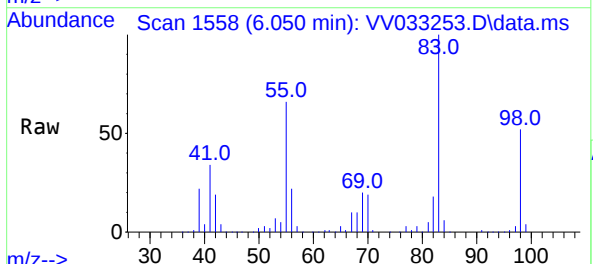


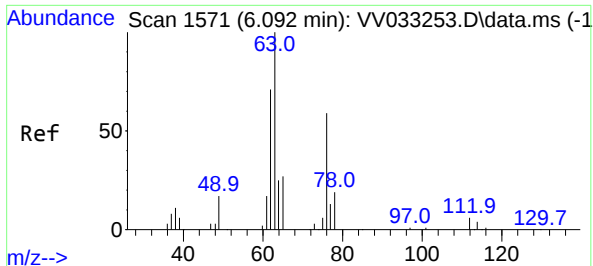
Tgt Ion: 95 Resp: 113696
Ion Ratio Lower Upper
95 100
97 61.7 45.8 85.0
132 103.6 77.4 143.8
130 106.2 76.9 142.7



#35
Methylcyclohexane
Concen: 51.942 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion: 83 Resp: 163924
Ion Ratio Lower Upper
83 100
55 66.1 54.8 82.2
98 53.5 41.4 62.0

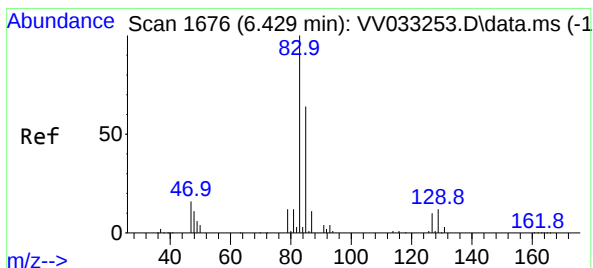
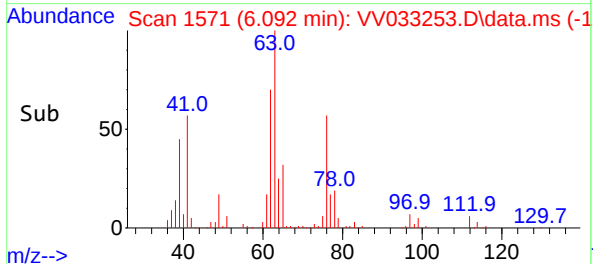
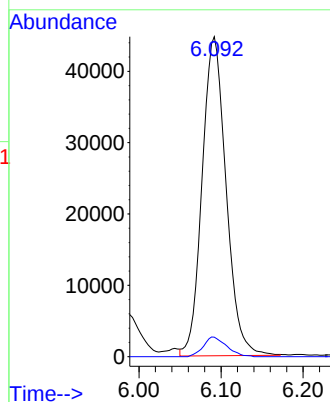
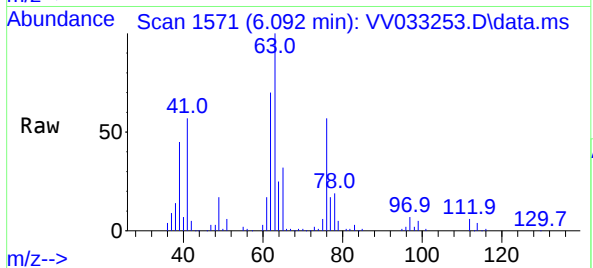




#37
1,2-Dichloropropane
Concen: 53.959 ug/L
RT: 6.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

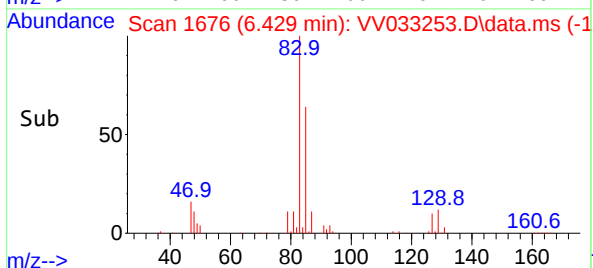
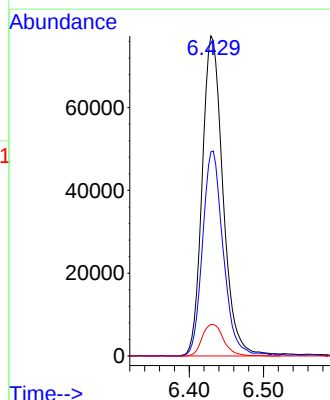
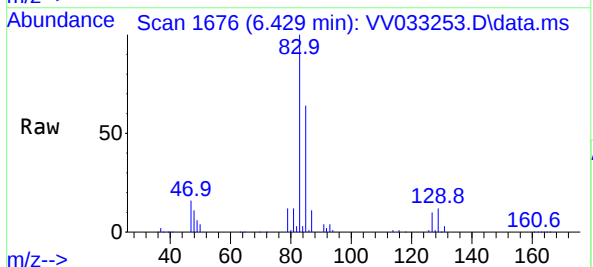
Instrument :
MSVOA_V
ClientSampleId :

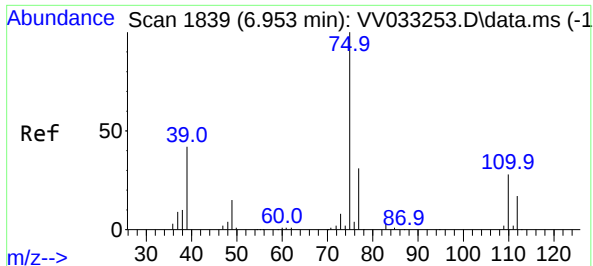
Tgt Ion: 63 Resp: 90892
Ion Ratio Lower Upper
63 100
112 6.0 4.6 6.8



#38
Bromodichloromethane
Concen: 55.487 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion: 83 Resp: 150681
Ion Ratio Lower Upper
83 100
85 63.8 45.6 84.6
127 9.8 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 51.249 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV033253.D

Acq: 12 Dec 2023 09:18

Instrument :

MSVOA_V

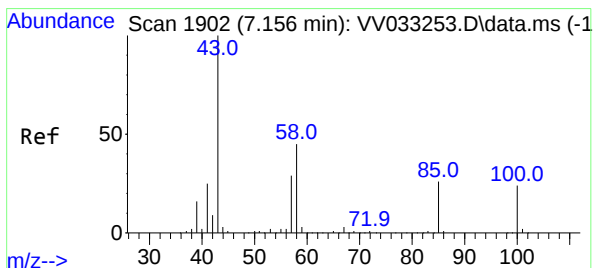
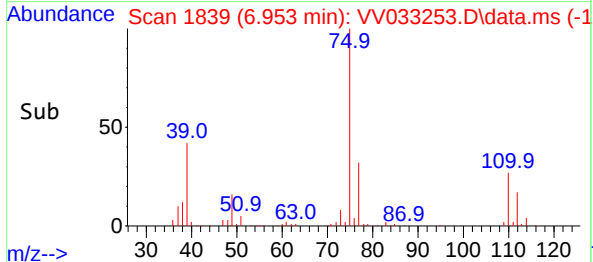
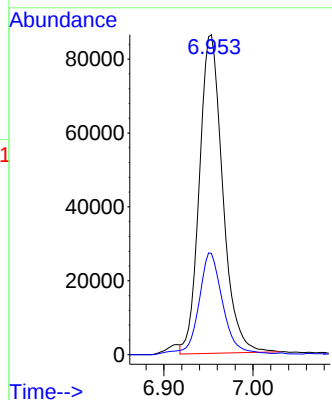
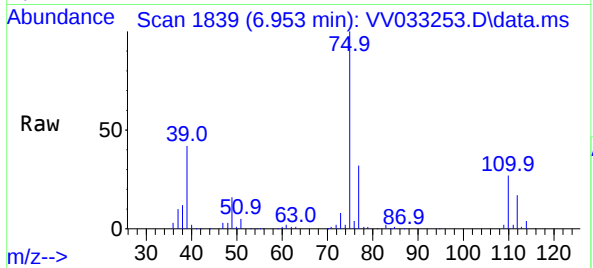
ClientSampleId :

Tgt Ion: 75 Resp: 156646

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 104.840 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV033253.D

Acq: 12 Dec 2023 09:18

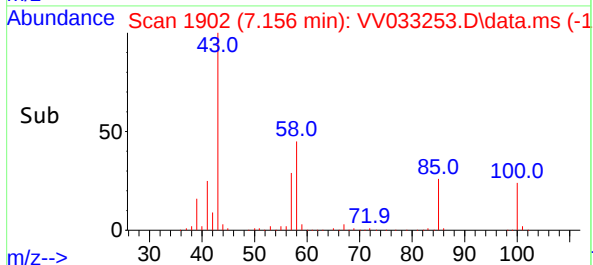
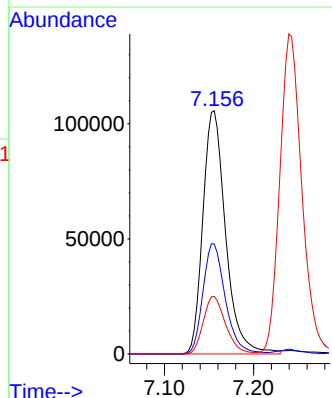
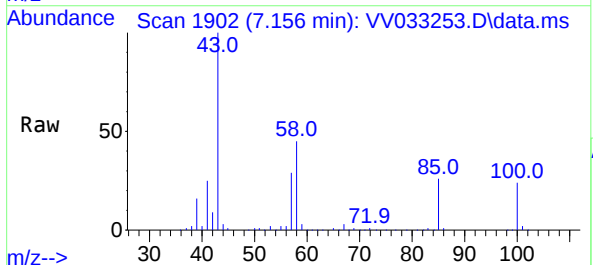
Tgt Ion: 43 Resp: 187507

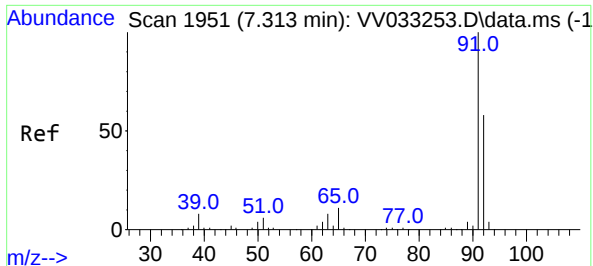
Ion Ratio Lower Upper

43 100

58 44.5 34.5 51.7

100 23.2 17.0 25.6





#42

Toluene

Concen: 54.887 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV033253.D

Acq: 12 Dec 2023 09:18

Instrument :

MSVOA_V

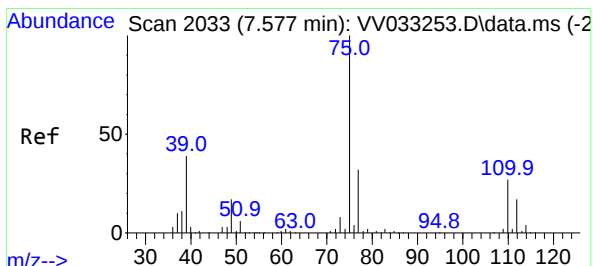
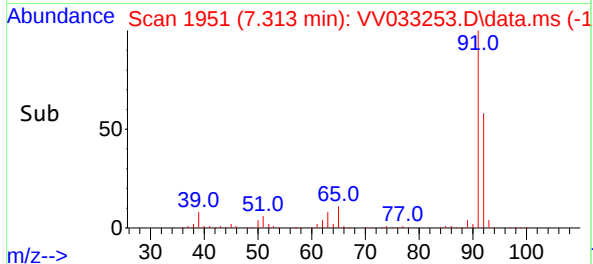
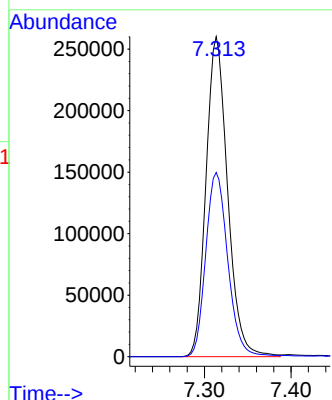
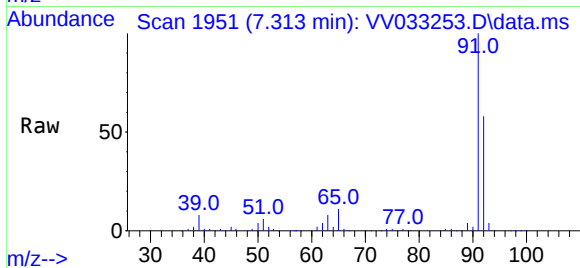
ClientSampleId :

Tgt Ion: 91 Resp: 450176

Ion Ratio Lower Upper

91 100

92 57.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 51.946 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV033253.D

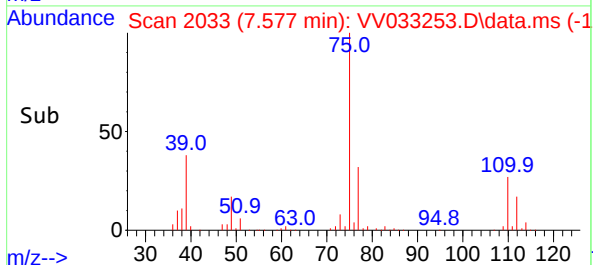
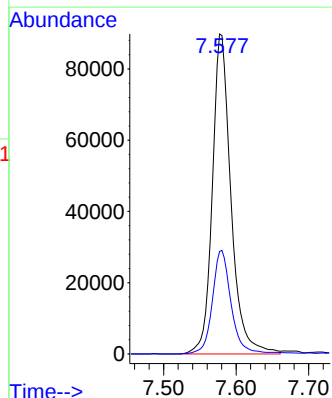
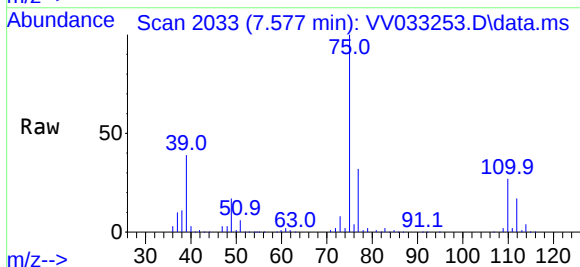
Acq: 12 Dec 2023 09:18

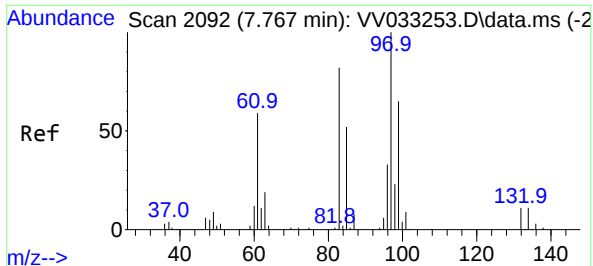
Tgt Ion: 75 Resp: 160552

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



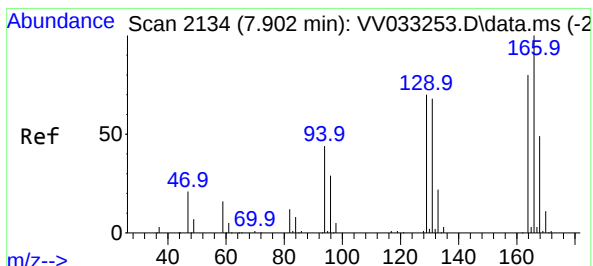
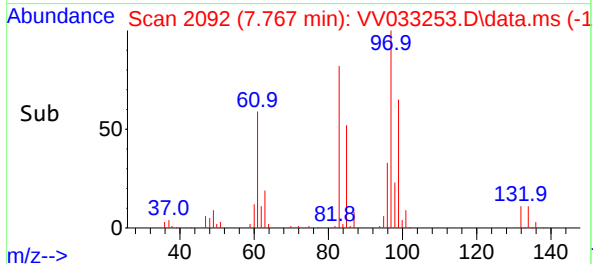
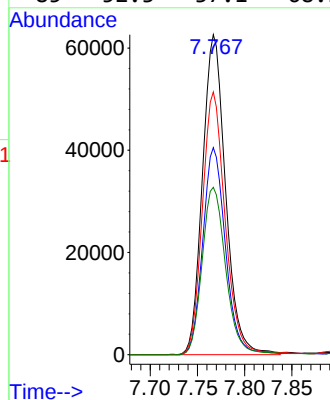
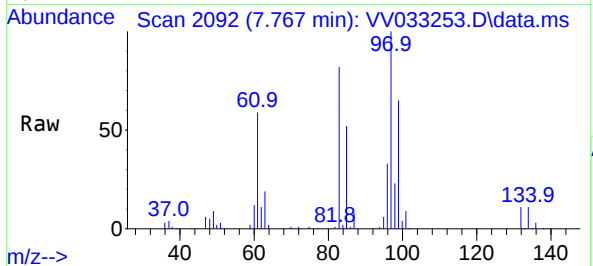


#45
1,1,2-Trichloroethane
Concen: 54.471 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 106388

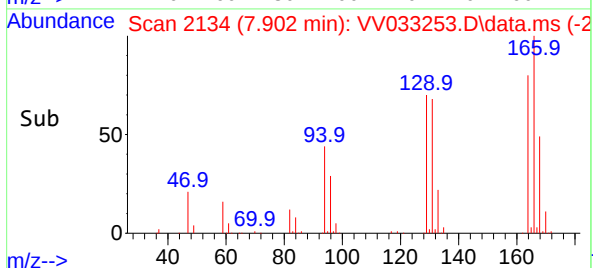
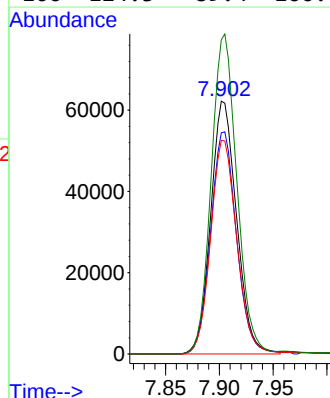
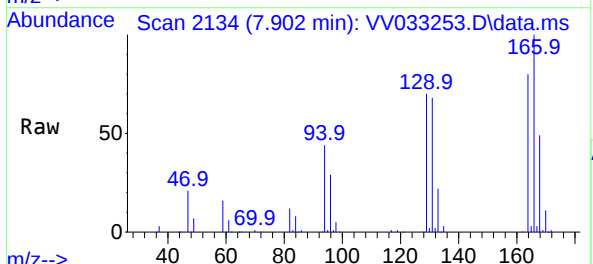
Ion	Ratio	Lower	Upper
97	100		
99	64.7	43.2	80.2
83	82.1	55.8	103.6
85	52.3	37.1	68.9

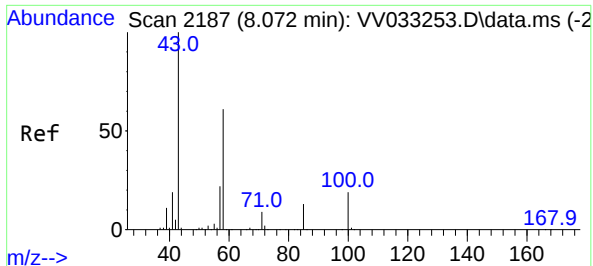


#46
Tetrachloroethene
Concen: 55.723 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion:164 Resp: 104161

Ion	Ratio	Lower	Upper
164	100		
129	87.5	65.6	121.8
131	84.5	64.7	120.1
166	124.3	89.4	166.0





#48

2-Hexanone

Concen: 97.379 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

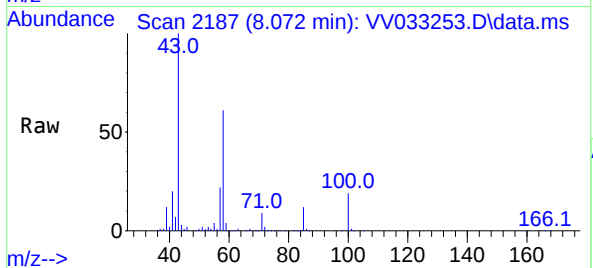
Lab File: VV033253.D

Acq: 12 Dec 2023 09:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 144399

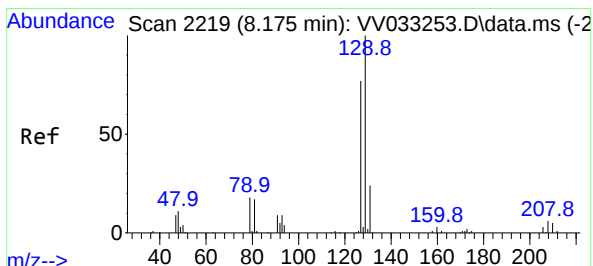
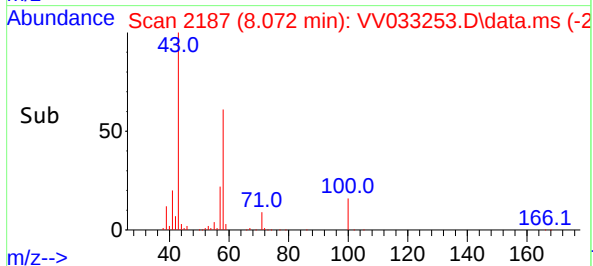
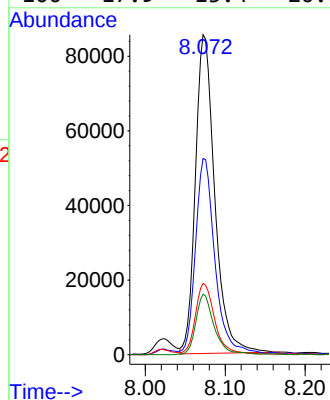
Ion Ratio Lower Upper

43 100

58 62.4 47.9 71.9

57 22.4 17.4 26.0

100 17.9 13.4 20.0



#49

Dibromochloromethane

Concen: 55.807 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV033253.D

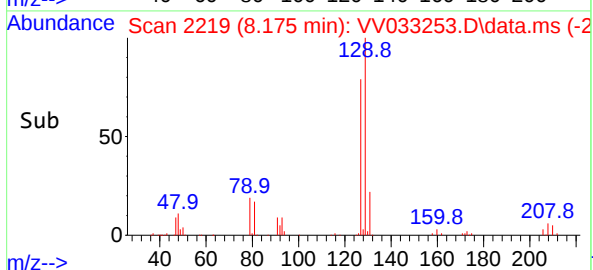
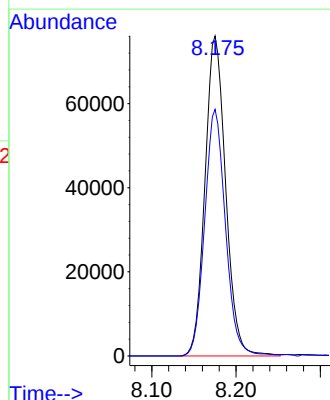
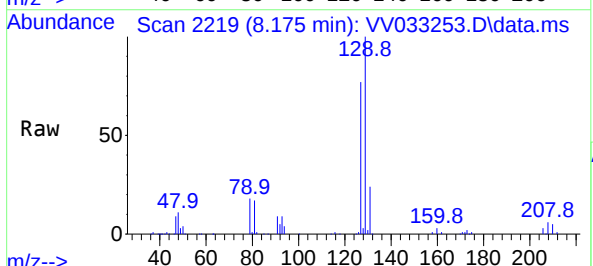
Acq: 12 Dec 2023 09:18

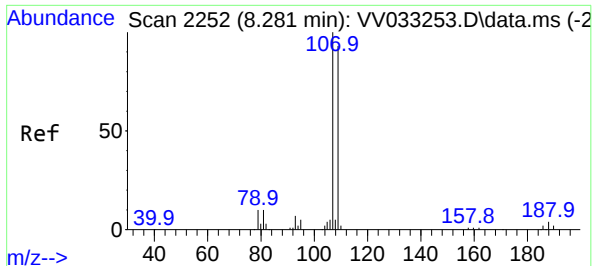
Tgt Ion: 129 Resp: 130117

Ion Ratio Lower Upper

129 100

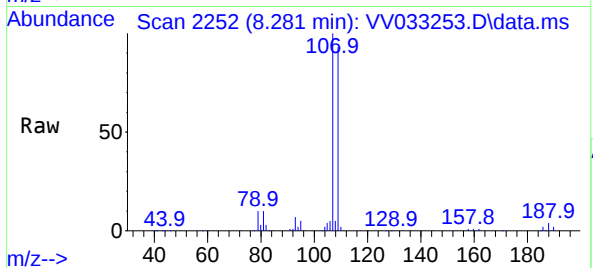
127 77.1 54.1 100.5



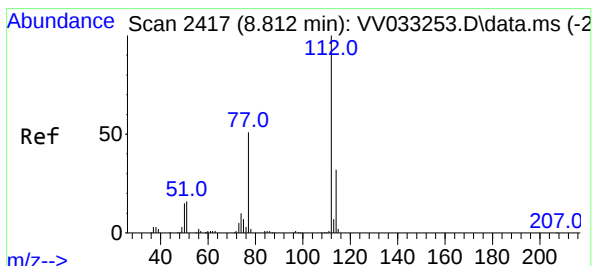
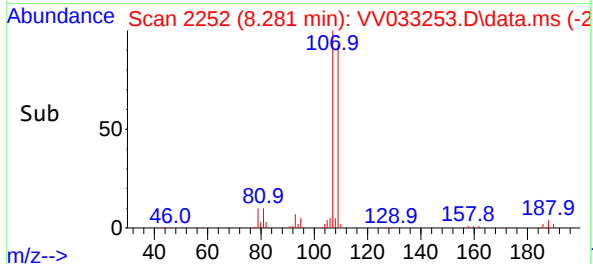
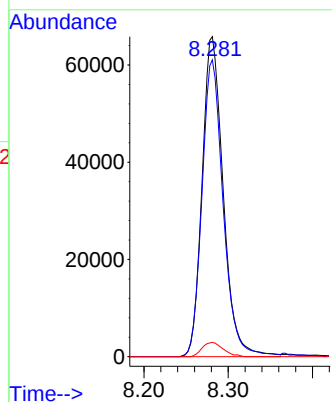


#50
1,2-Dibromoethane
Concen: 55.120 ug/L
RT: 8.281 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Instrument :
MSVOA_V
ClientSampleId :

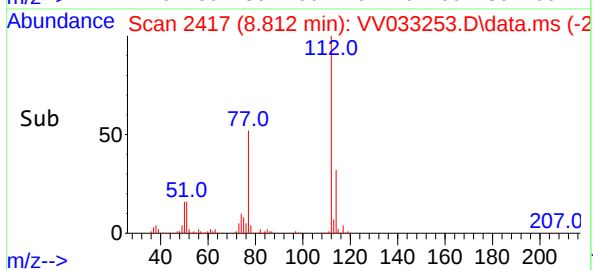
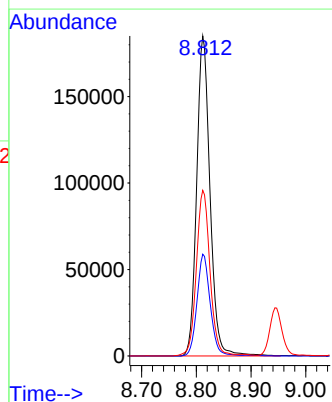
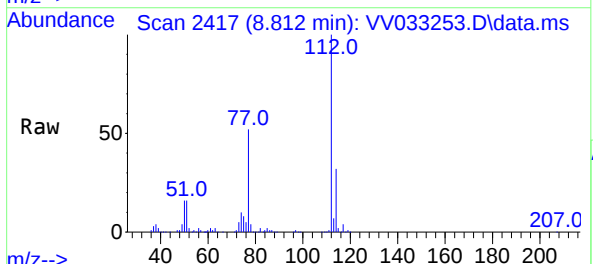


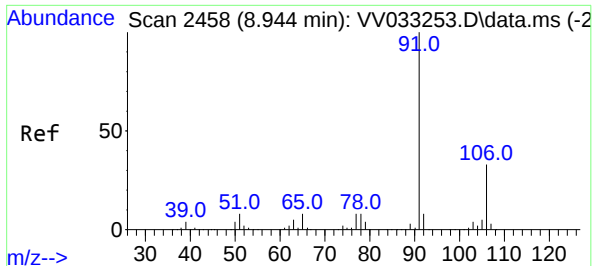
Tgt Ion:107 Resp: 114776
Ion Ratio Lower Upper
107 100
109 92.8 65.2 121.2
188 4.5 3.8 5.6



#51
Chlorobenzene
Concen: 54.290 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion:112 Resp: 313127
Ion Ratio Lower Upper
112 100
114 31.8 22.9 42.5
77 51.8 42.6 64.0

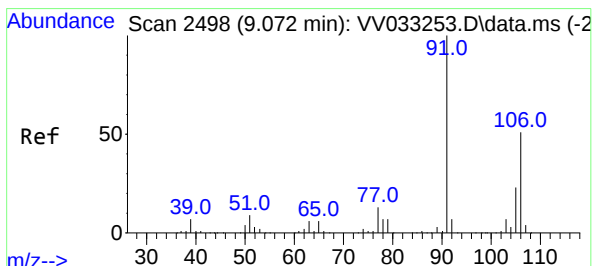
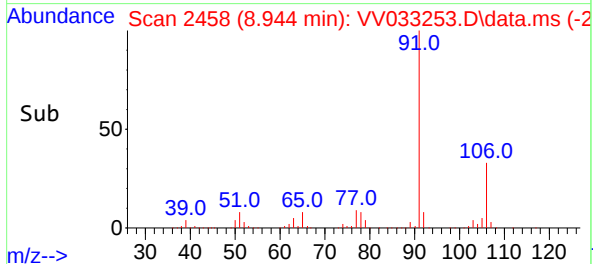
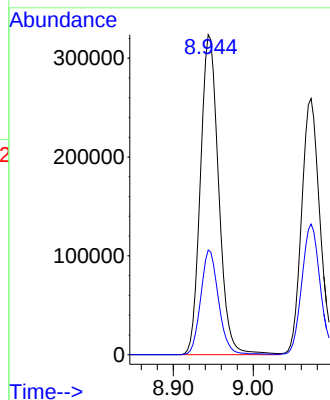
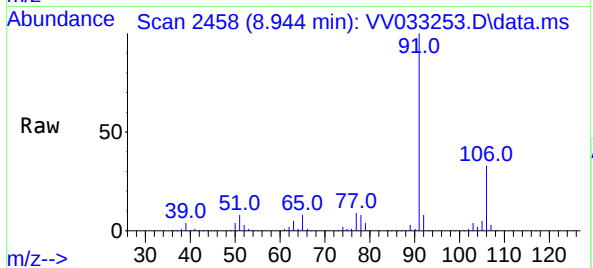




#52
Ethylbenzene
Concen: 54.455 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.003 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

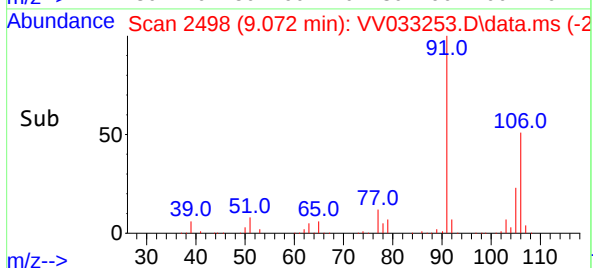
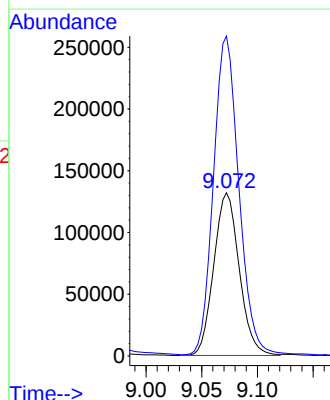
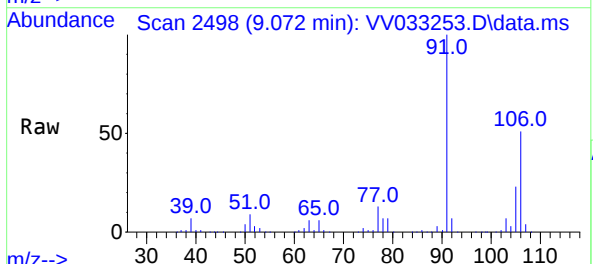
Instrument :
MSVOA_V
ClientSampleId :

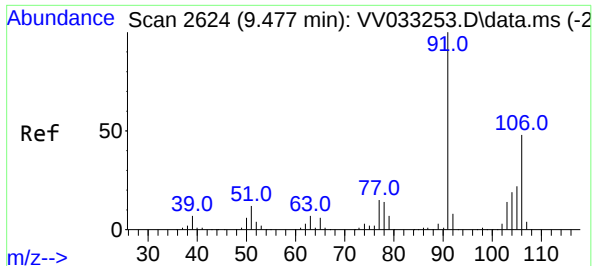
Tgt Ion: 91 Resp: 514088
Ion Ratio Lower Upper
91 100
106 32.7 22.6 42.0



#53
m,p-Xylene
Concen: 56.146 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion: 106 Resp: 209912
Ion Ratio Lower Upper
106 100
91 196.1 145.2 269.6

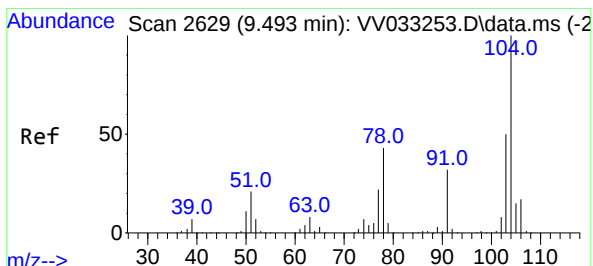
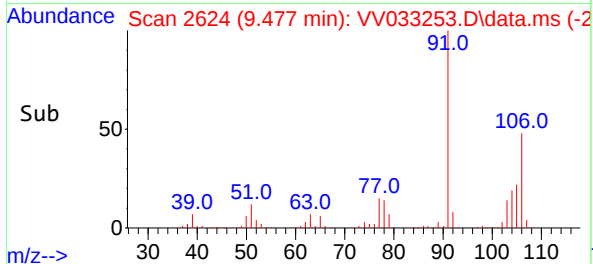
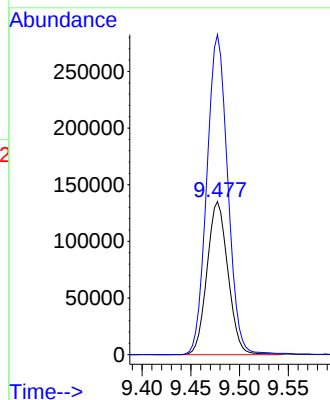
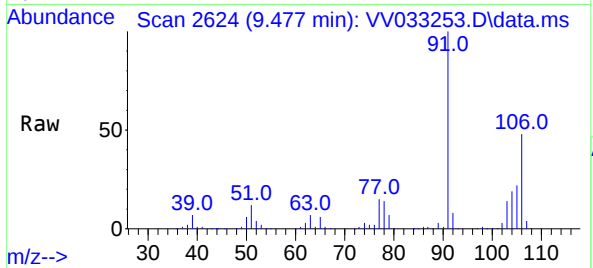




#54
o-Xylene
Concen: 54.737 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

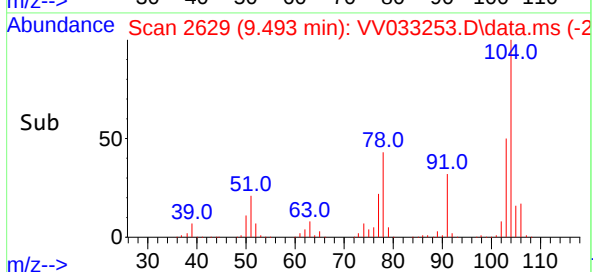
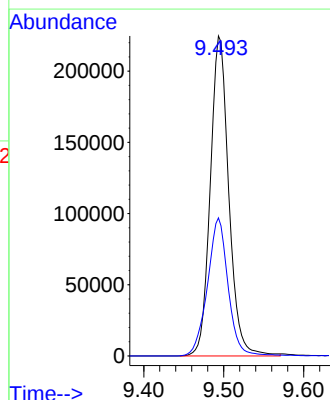
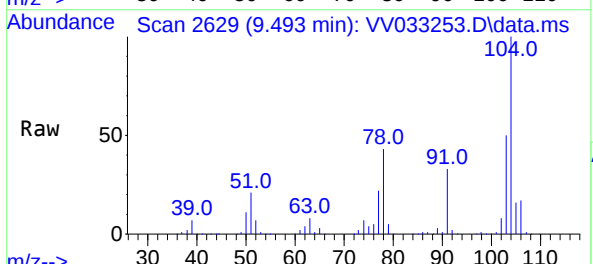
Instrument :
MSVOA_V
ClientSampleId :

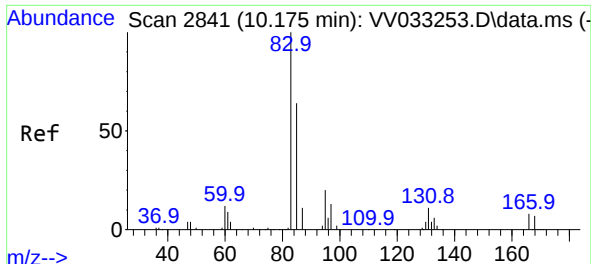
Tgt Ion:106 Resp: 201936
Ion Ratio Lower Upper
106 100
91 209.0 147.8 274.6



#55
Styrene
Concen: 56.740 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion:104 Resp: 362117
Ion Ratio Lower Upper
104 100
78 43.1 30.2 56.0

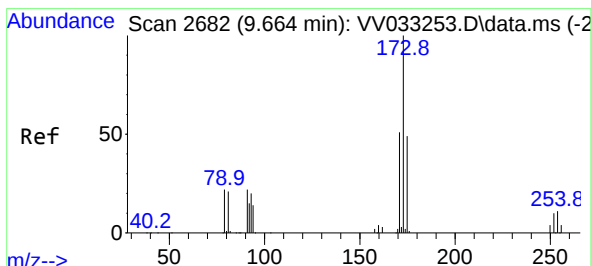
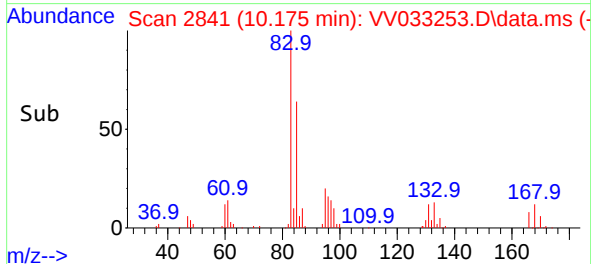
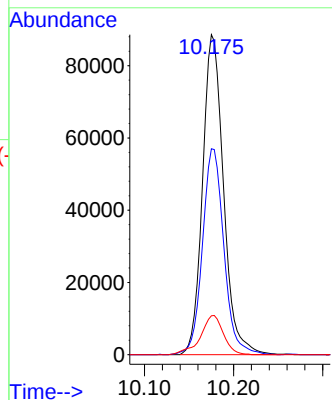
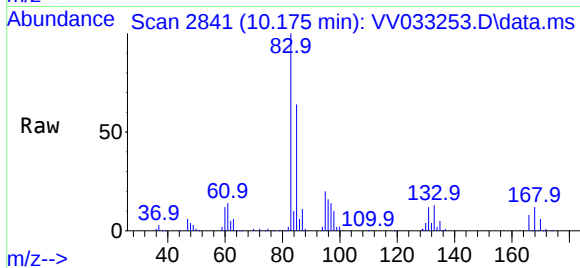




#57
1,1,2,2-Tetrachloroethane
Concen: 54.287 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.003 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

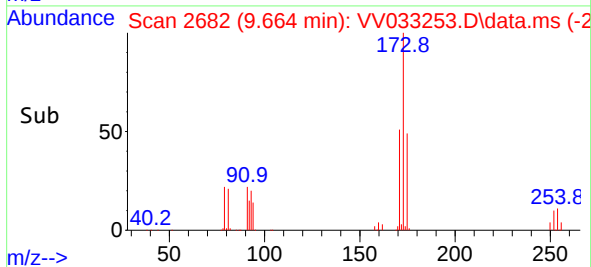
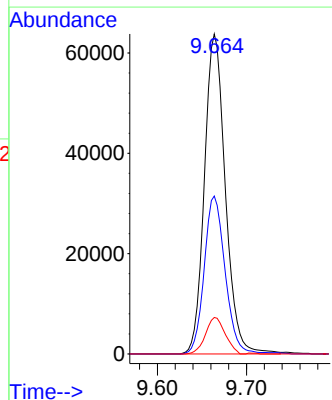
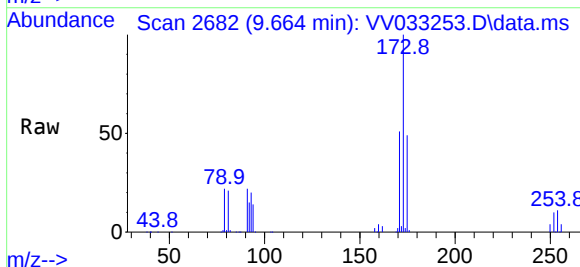
Instrument :
MSVOA_V
ClientSampleId :

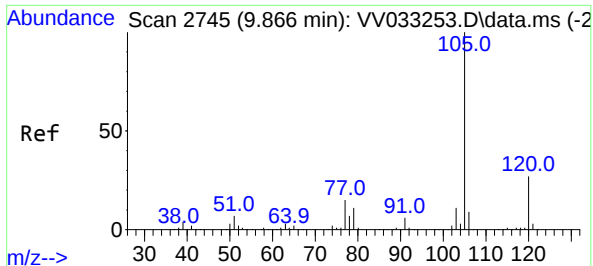
Tgt Ion: 83 Resp: 144862
Ion Ratio Lower Upper
83 100
85 64.4 45.5 84.5
131 12.2 9.7 14.5



#59
Bromoform
Concen: 54.727 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion: 173 Resp: 104162
Ion Ratio Lower Upper
173 100
175 49.0 38.7 58.1
254 10.7 8.0 12.0

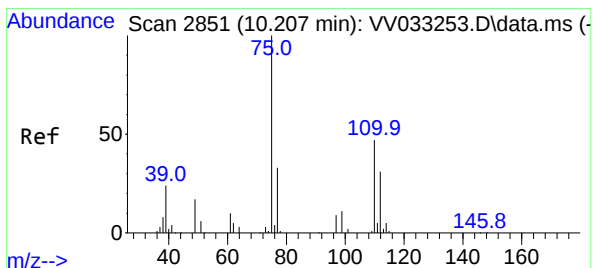
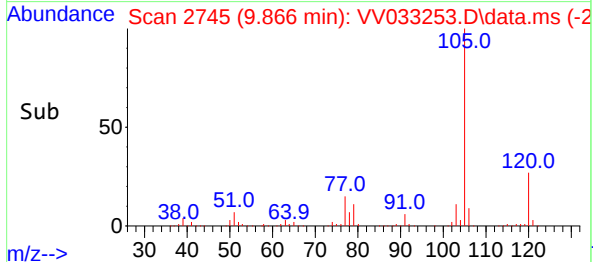
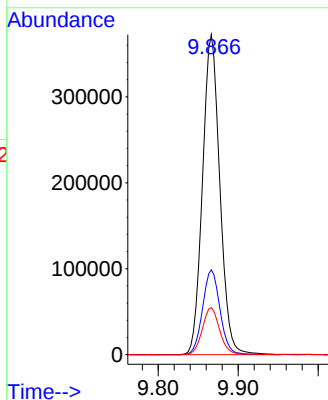
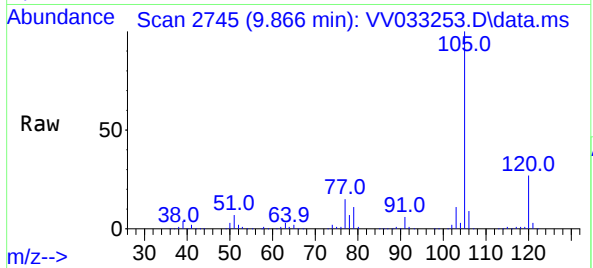




#60
Isopropylbenzene
Concen: 55.566 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

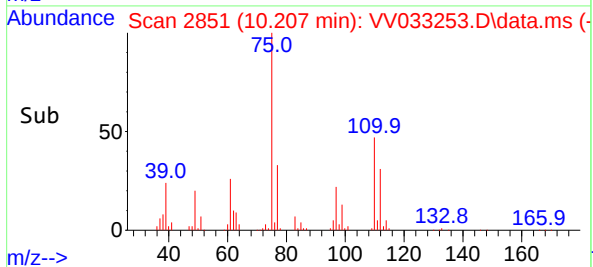
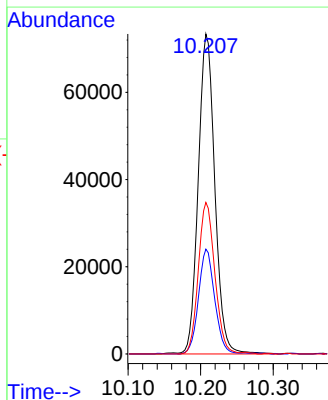
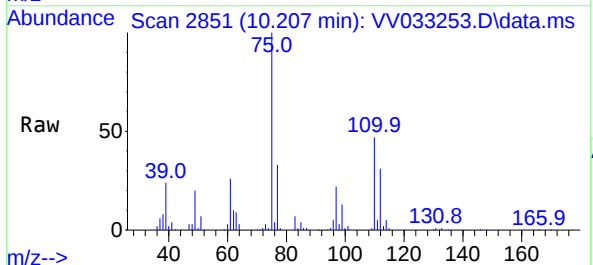
Instrument :
MSVOA_V
ClientSampleId :

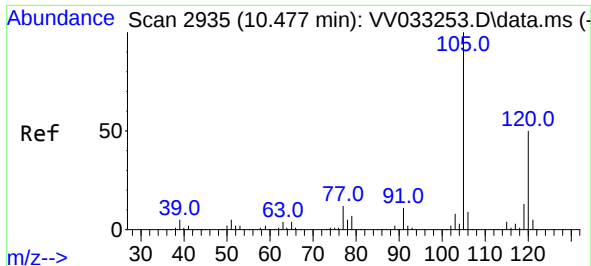
Tgt Ion:105 Resp: 561860
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 14.6 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 53.334 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion: 75 Resp: 116626
Ion Ratio Lower Upper
75 100
77 31.9 27.0 40.6
110 47.2 38.1 57.1

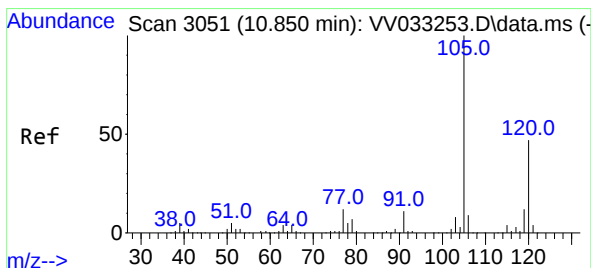
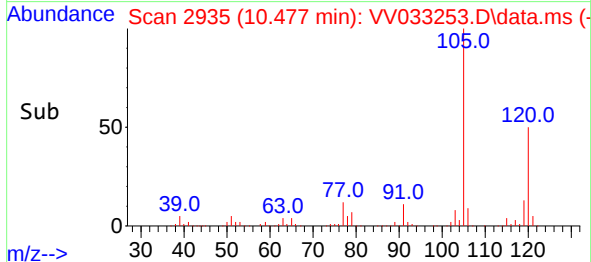
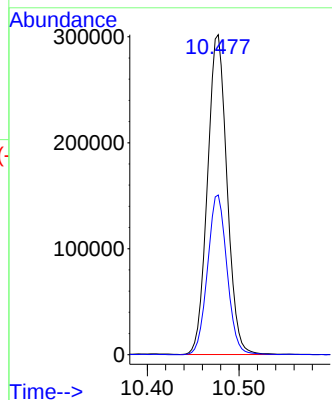
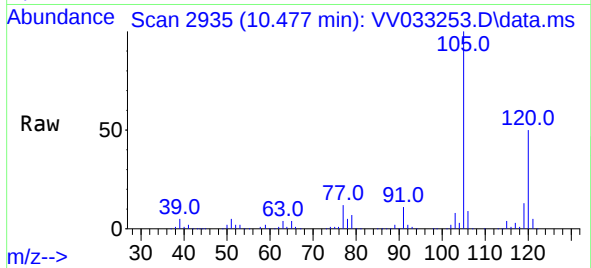




#62
 1,3,5-Trimethylbenzene
 Concen: 54.872 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VV033253.D
 Acq: 12 Dec 2023 09:18

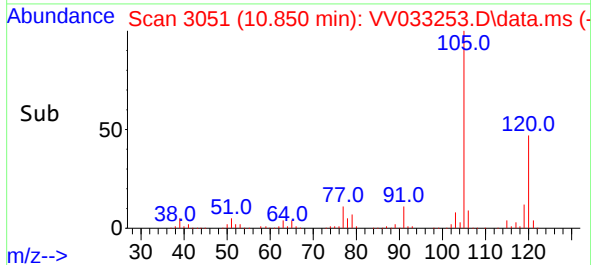
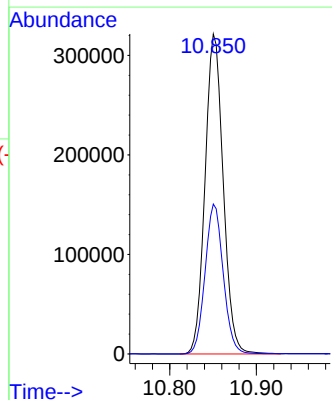
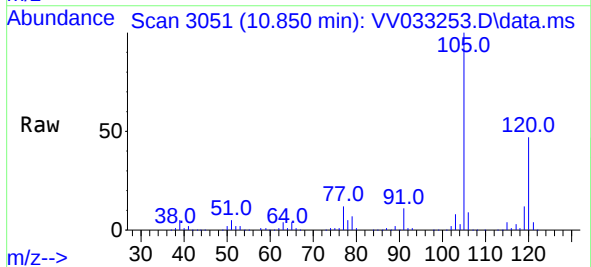
Instrument :
 MSVOA_V
 ClientSampleId :

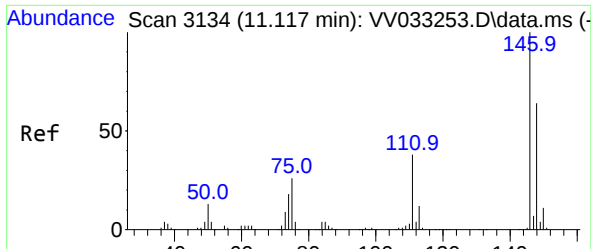
Tgt Ion:105 Resp: 447025
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 55.212 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.000 min
 Lab File: VV033253.D
 Acq: 12 Dec 2023 09:18

Tgt Ion:105 Resp: 468436
 Ion Ratio Lower Upper
 105 100
 120 46.8 36.7 55.1

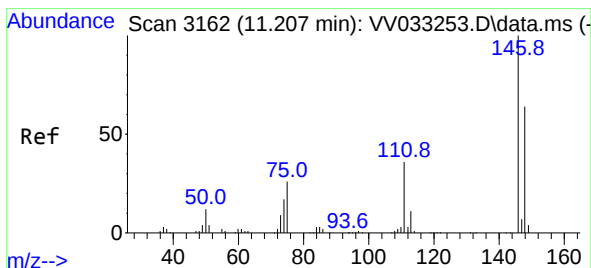
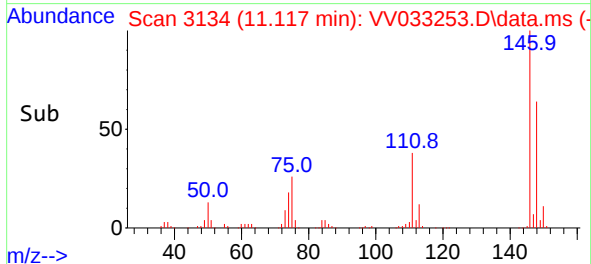
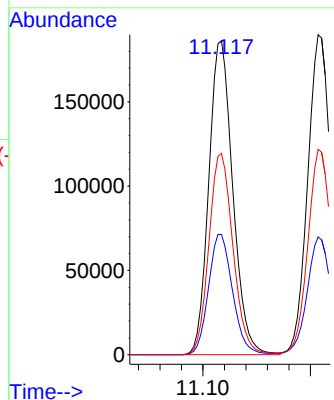
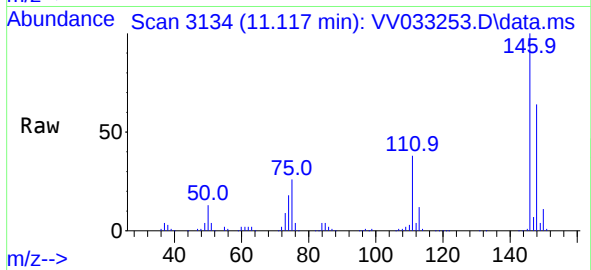




#64
1,3-Dichlorobenzene
Concen: 53.425 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

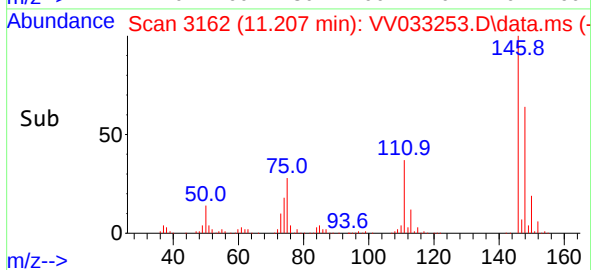
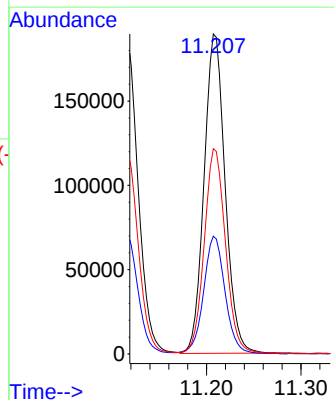
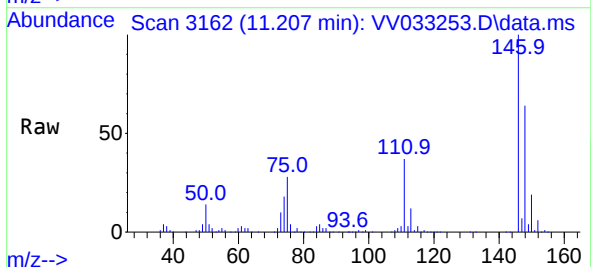
Instrument :
MSVOA_V
ClientSampleId :

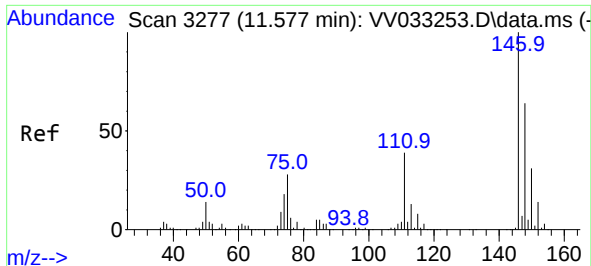
Tgt Ion:146 Resp: 288604
Ion Ratio Lower Upper
146 100
111 38.2 26.2 48.6
148 64.1 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 52.293 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion:146 Resp: 293440
Ion Ratio Lower Upper
146 100
111 36.8 25.9 48.1
148 64.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 54.218 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033253.D

Acq: 12 Dec 2023 09:18

Instrument :

MSVOA_V

ClientSampleId :

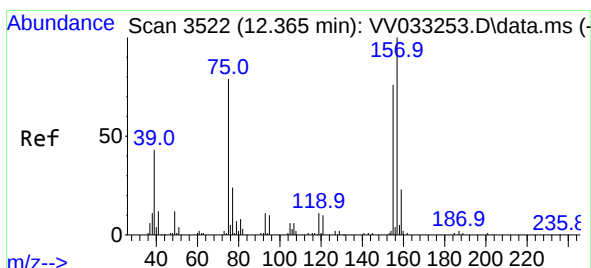
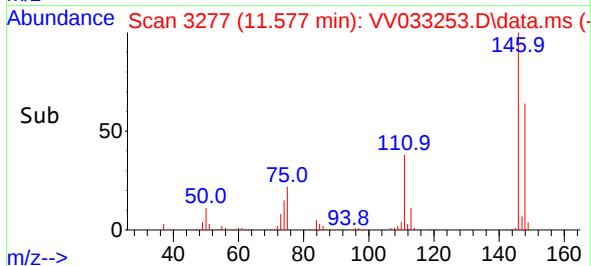
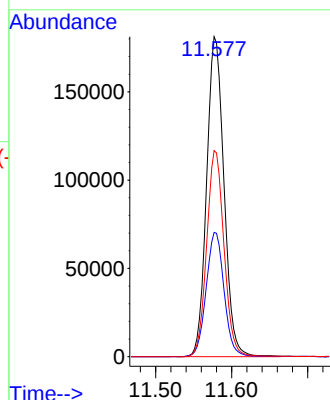
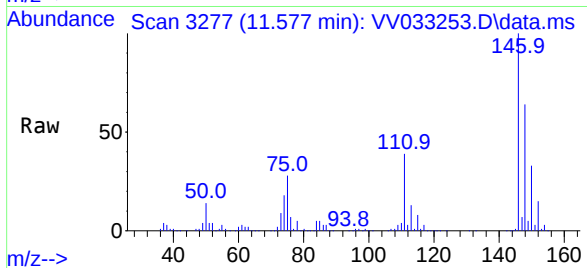
Tgt Ion:146 Resp: 287132

Ion Ratio Lower Upper

146 100

111 38.9 32.4 48.6

148 64.4 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 51.670 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV033253.D

Acq: 12 Dec 2023 09:18

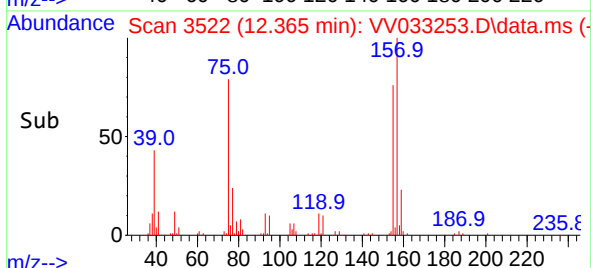
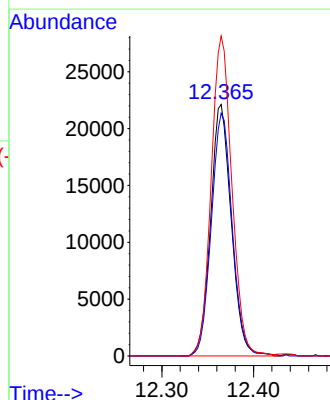
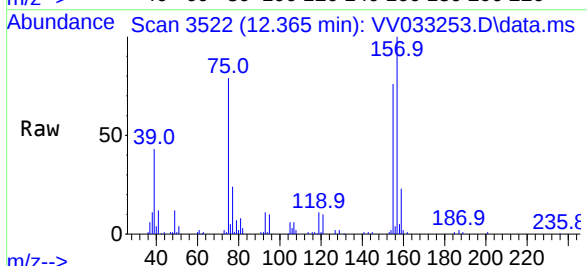
Tgt Ion: 75 Resp: 34669

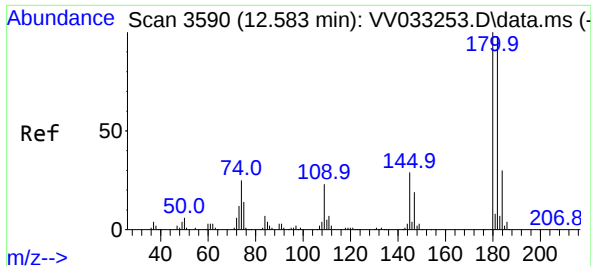
Ion Ratio Lower Upper

75 100

155 96.5 75.8 113.6

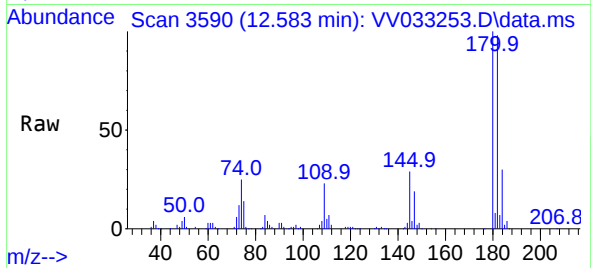
157 127.2 95.4 143.0





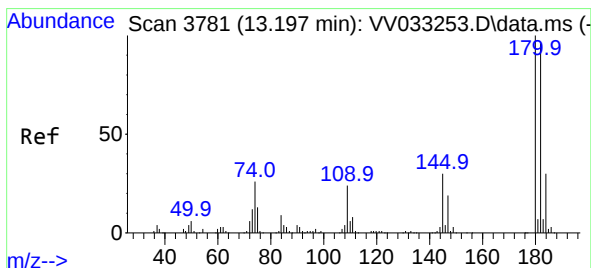
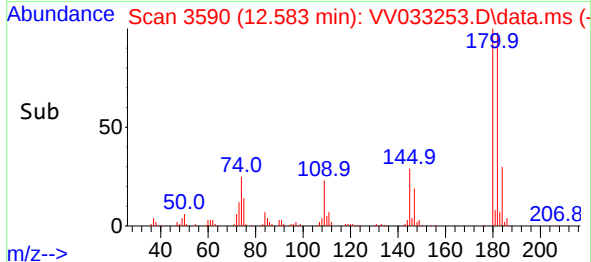
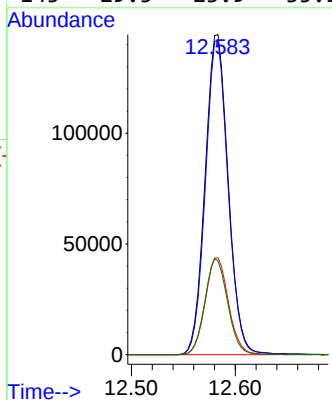
#69
1,3,5-Trichlorobenzene
Concen: 51.671 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 223584

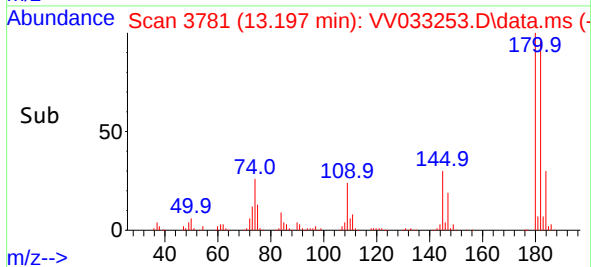
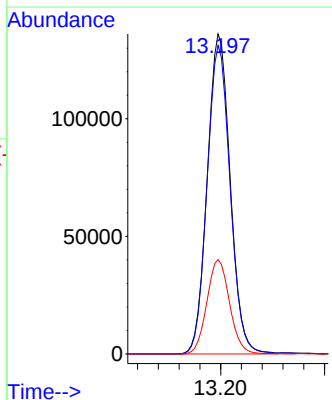
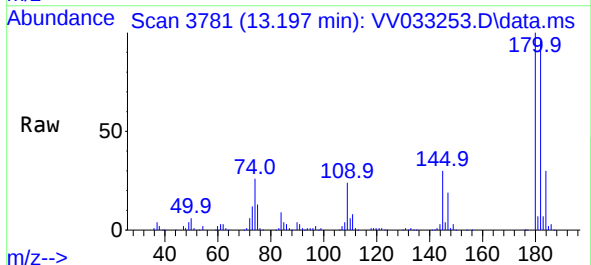
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.2	114.4
184	30.3	24.2	36.4
145	29.5	23.9	35.9

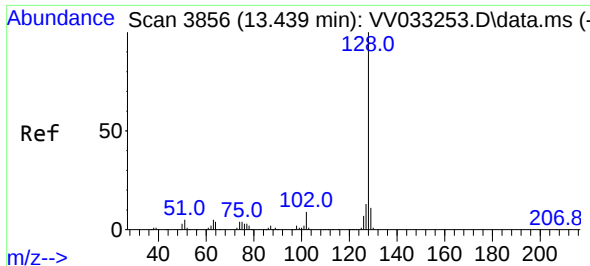


#70
1,2,4-trichlorobenzene
Concen: 52.188 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion:180 Resp: 208631

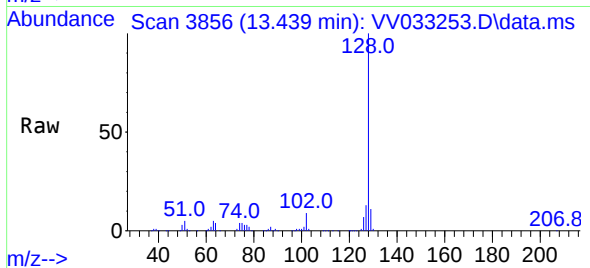
Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.3	114.5
145	29.1	23.4	35.0





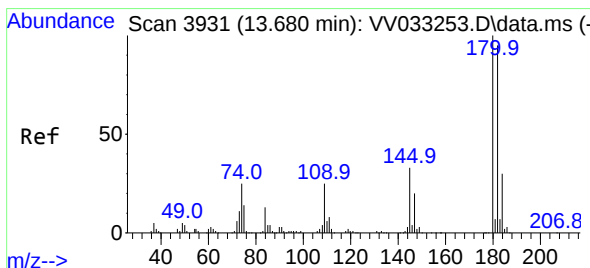
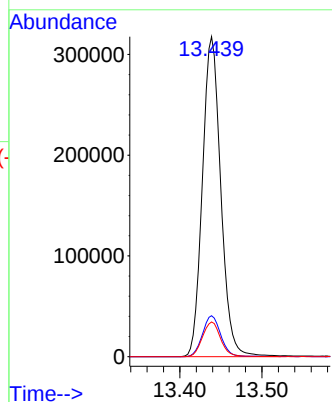
#71
Naphthalene
Concen: 50.680 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 494096

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.185 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV033253.D
Acq: 12 Dec 2023 09:18

Tgt Ion:180 Resp: 205160

Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.2	112.8
145	33.0	24.9	37.3

