

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
 Data File : VV033742.D
 Acq On : 19 Jan 2024 08:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 19 22:15:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 20:44:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	241583	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	222445	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	115110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	83600	45.027	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.060%		
7) Chloroethane-d5	1.529	69	66429	45.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.360%		
11) 1,1-Dichloroethene-d2	2.060	65	38840	48.607	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.220%		
21) 2-Butanone-d5	3.783	46	100676	79.054	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.050%		
24) Chloroform-d	4.246	84	157053	47.306	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.620%		
26) 1,2-Dichloroethane-d4	4.937	65	101255	47.203	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.400%		
32) Benzene-d6	4.957	84	297799	47.091	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.180%		
36) 1,2-Dichloropropane-d6	5.986	67	92431	44.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.800%		
41) Toluene-d8	7.240	98	273643	48.025	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.040%		
43) trans-1,3-Dichloroprop...	7.551	79	47809	46.471	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.940%		
47) 2-Hexanone-d5	8.024	63	71385	82.673	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.670%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	110755	41.677	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.360%		
66) 1,2-Dichlorobenzene-d4	11.561	152	106303	48.674	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	97809	48.667	ug/L	100
3) Chloromethane	1.217	50	99758	43.651	ug/L	99
5) Vinyl chloride	1.285	62	104275	47.694	ug/L	100
6) Bromomethane	1.484	94	43410	37.991	ug/L	97
8) Chloroethane	1.545	64	63671	48.839	ug/L	100
9) Trichlorofluoromethane	1.712	101	149139	57.164	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	84477	54.959	ug/L	97
12) 1,1-Dichloroethene	2.069	96	77601	53.523	ug/L	98
13) Acetone	2.114	43	137993	113.330	ug/L	100
14) Carbon disulfide	2.243	76	243243	49.362	ug/L	99
15) Methyl Acetate	2.372	43	88418	44.407	ug/L #	100
16) Methylene chloride	2.449	84	85295	48.224	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	79284	48.954	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	287474	49.353	ug/L	99
19) 1,1-Dichloroethane	3.111	63	161459	48.764	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	90233	50.060	ug/L	94
22) 2-Butanone	3.863	43	138514	93.663	ug/L	97
23) Bromochloromethane	4.143	128	45201	51.619	ug/L	88
25) Chloroform	4.275	83	160521	51.132	ug/L	100

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 Sample : VSTDCCC050
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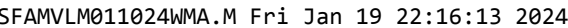
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 ClientSampleId :

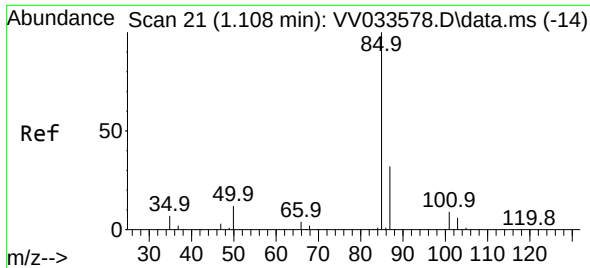
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 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 20:44:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	132592	50.567	ug/L	99
29) Cyclohexane	4.580	56	152078	48.495	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	146663	54.941	ug/L	98
31) Carbon tetrachloride	4.735	117	129769	56.952	ug/L	97
33) Benzene	5.008	78	334296	51.166	ug/L	100
34) Trichloroethene	5.831	95	89558	51.100	ug/L	97
35) Methylcyclohexane	6.050	83	150762	50.265	ug/L	98
37) 1,2-Dichloropropane	6.092	63	89520	49.791	ug/L	98
38) Bromodichloromethane	6.429	83	121338	51.590	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	146771	48.886	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	237411	89.118	ug/L	99
42) Toluene	7.313	91	356667	51.642	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	141825	51.261	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	82172	50.372	ug/L	99
46) Tetrachloroethene	7.905	164	69007	53.681	ug/L	98
48) 2-Hexanone	8.072	43	197251	92.923	ug/L	98
49) Dibromochloromethane	8.175	129	90228	53.107	ug/L	98
50) 1,2-Dibromoethane	8.281	107	86174	49.987	ug/L	97
51) Chlorobenzene	8.812	112	225786	51.322	ug/L	98
52) Ethylbenzene	8.944	91	409617	51.206	ug/L	98
53) m,p-Xylene	9.072	106	150394	50.925	ug/L	98
54) o-Xylene	9.477	106	148688	50.856	ug/L	99
55) Styrene	9.493	104	255800	50.676	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	118149	45.510	ug/L	100
59) Bromoform	9.664	173	64074	52.373	ug/L	98
60) Isopropylbenzene	9.866	105	403455	51.803	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	93841	45.935	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	344174	51.505	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	345348	51.868	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	184349	52.403	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	183723	52.085	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	182395	53.062	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	25945	44.011	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	141686	54.503	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	126012	53.406	ug/L	99
71) Naphthalene	13.439	128	282335	45.792	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	118779	53.934	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

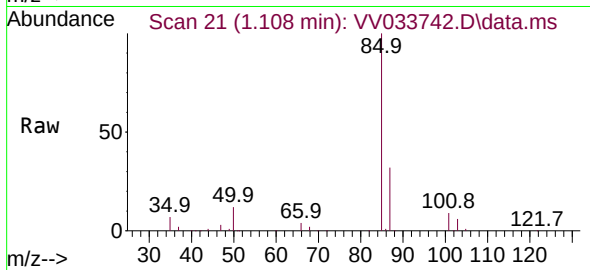
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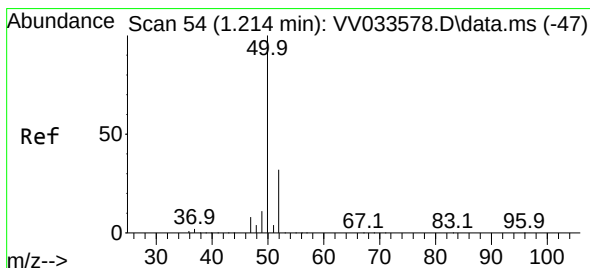
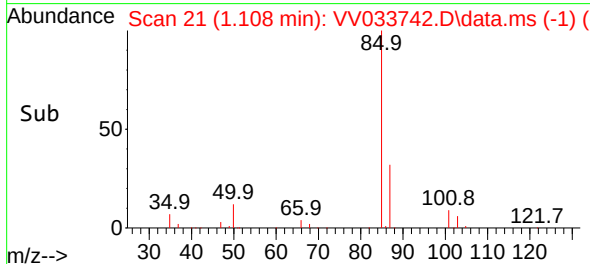
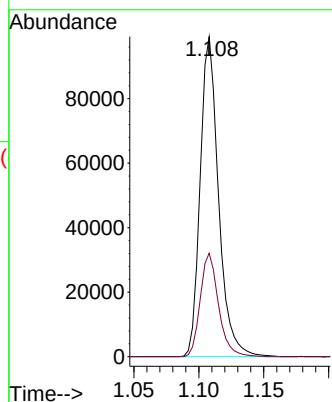


#2
 Dichlorodifluoromethane
 Concen: 48.667 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV033742.D
 Acq: 19 Jan 2024 08:52

Instrument :
 MSVOA_V
 ClientSampleId :

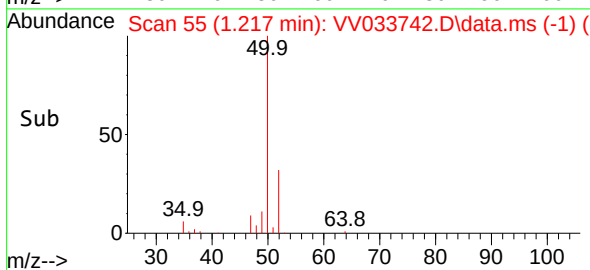
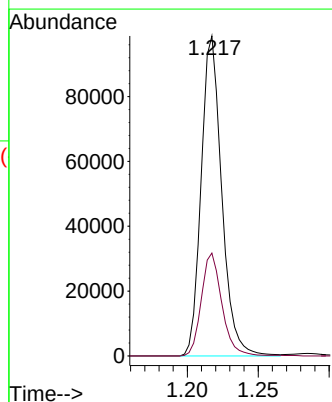
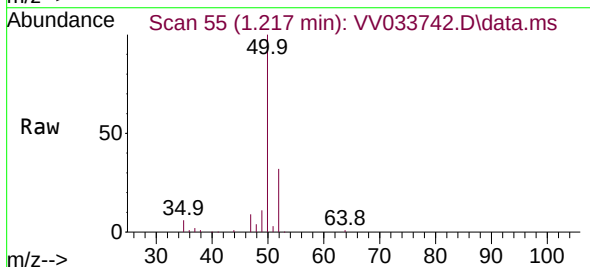


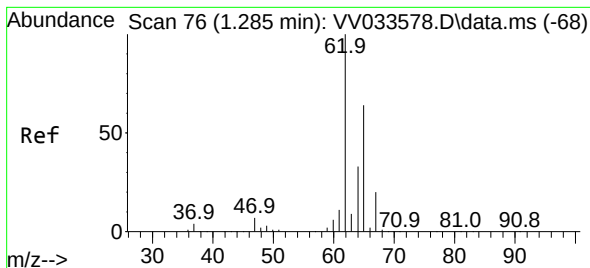
Tgt Ion: 85 Resp: 97809
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 43.651 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV033742.D
 Acq: 19 Jan 2024 08:52

Tgt Ion: 50 Resp: 99758
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.8 42.4





#5

Vinyl chloride

Concen: 47.694 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

Instrument :

MSVOA_V

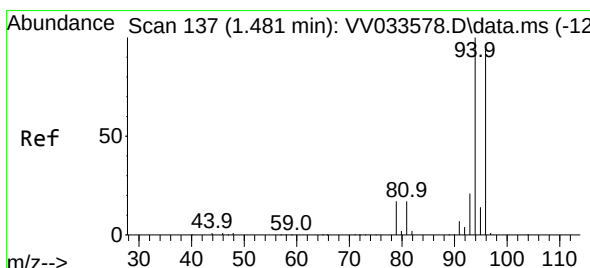
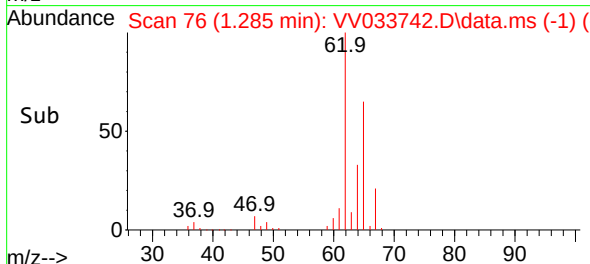
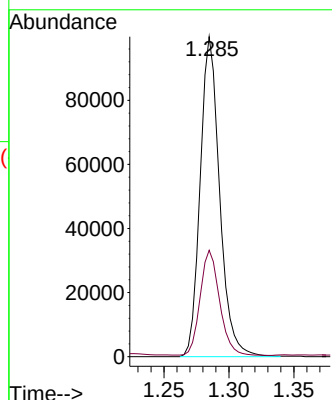
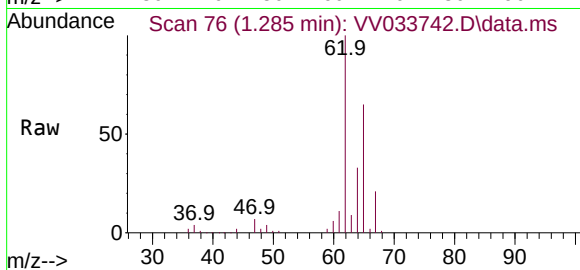
ClientSampleId :

Tgt Ion: 62 Resp: 104275

Ion Ratio Lower Upper

62 100

64 33.3 23.2 43.0



#6

Bromomethane

Concen: 37.991 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.003 min

Lab File: VV033742.D

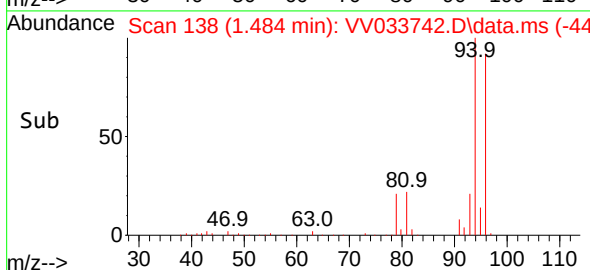
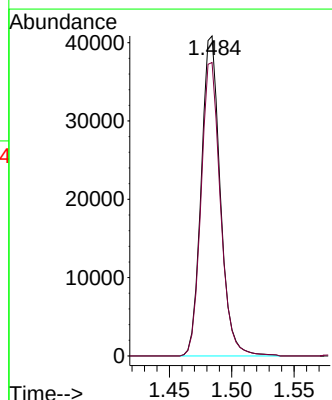
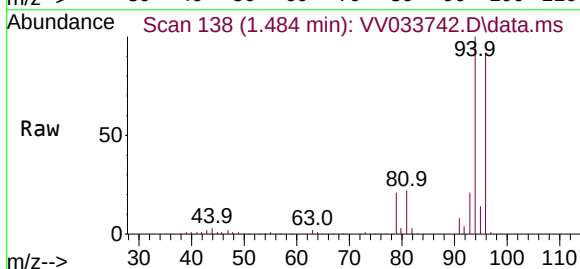
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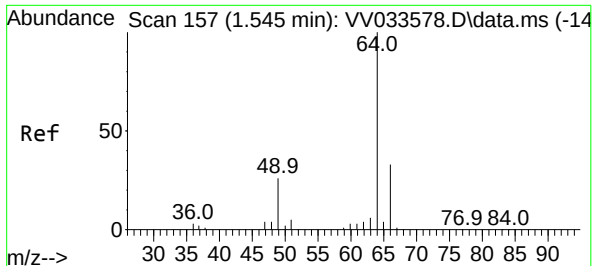
Tgt Ion: 94 Resp: 43410

Ion Ratio Lower Upper

94 100

96 91.7 66.4 123.2

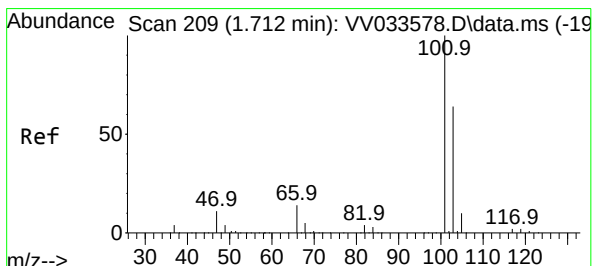
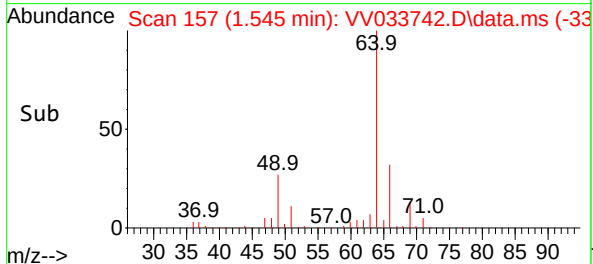
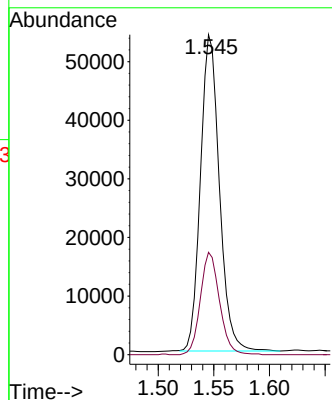
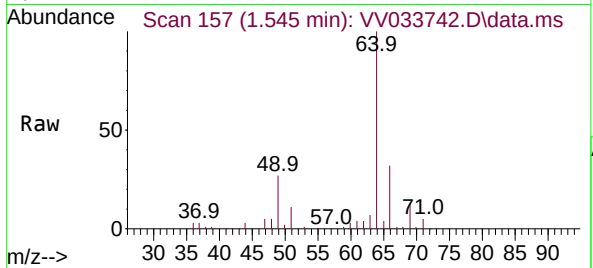




#8
Chloroethane
Concen: 48.839 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

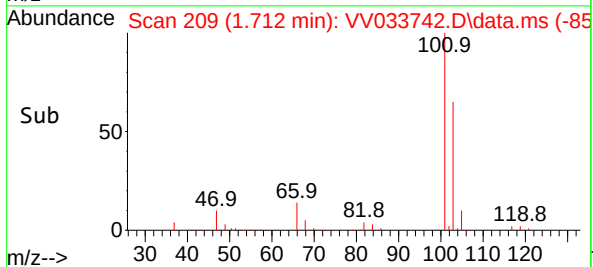
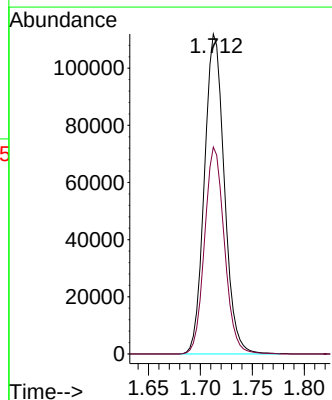
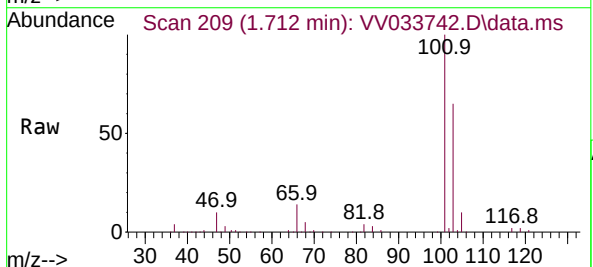
Instrument :
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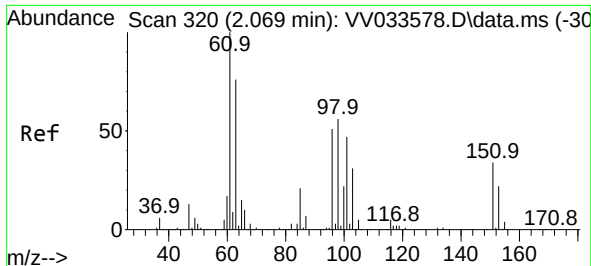
Tgt Ion: 64 Resp: 63671
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 57.164 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion:101 Resp: 149139
Ion Ratio Lower Upper
101 100
103 64.4 51.3 76.9

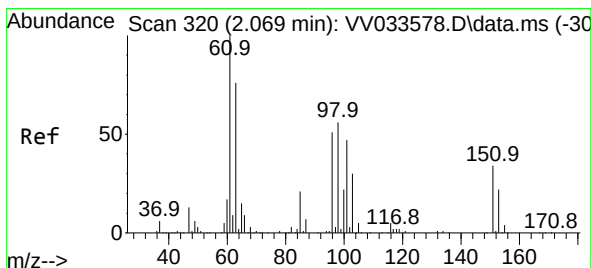
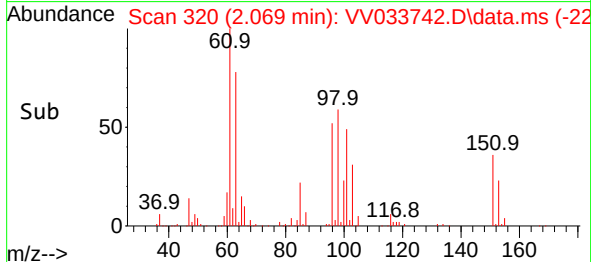
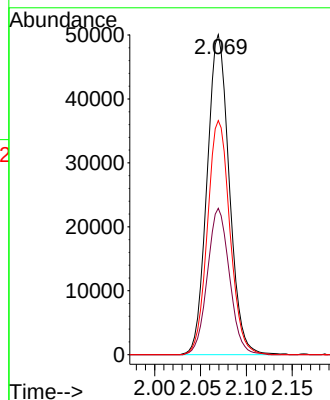
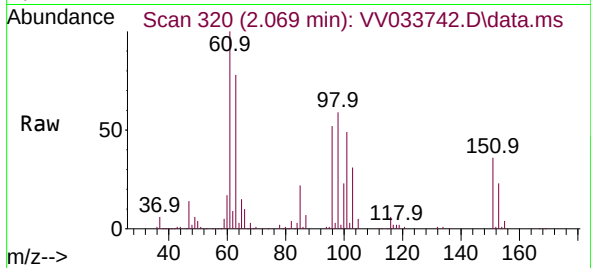




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.959 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033742.D
 Acq: 19 Jan 2024 08:52

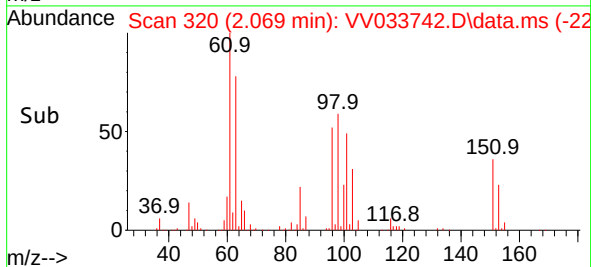
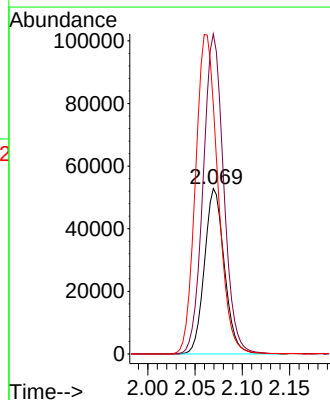
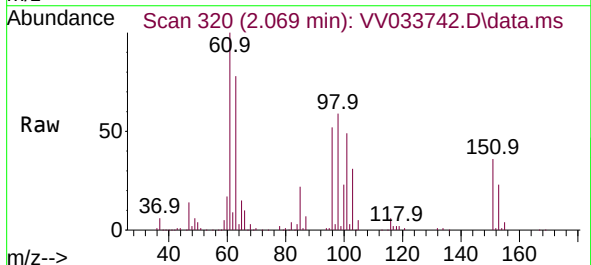
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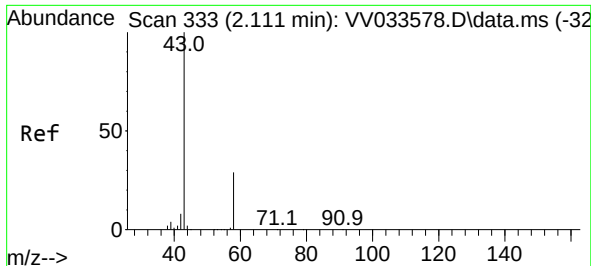
Tgt Ion:101 Resp: 84477
 Ion Ratio Lower Upper
 101 100
 85 45.4 36.2 54.4
 151 74.0 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 53.523 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV033742.D
 Acq: 19 Jan 2024 08:52

Tgt Ion: 96 Resp: 77601
 Ion Ratio Lower Upper
 96 100
 61 193.7 134.0 248.8
 63 151.1 103.4 192.0





#13

Acetone

Concen: 113.330 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

Instrument :

MSVOA_V

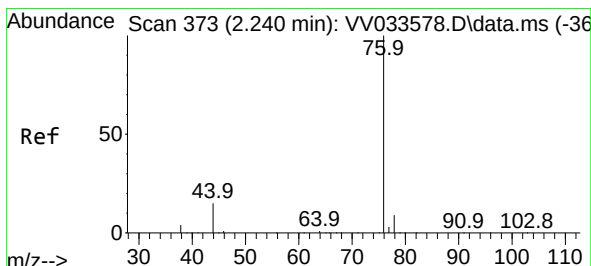
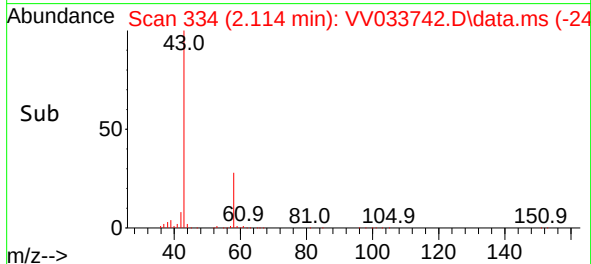
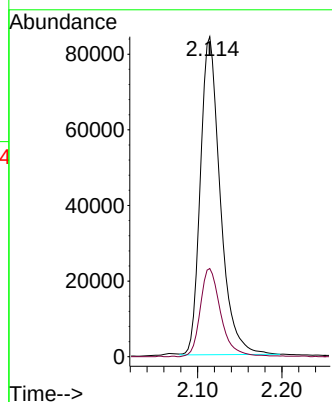
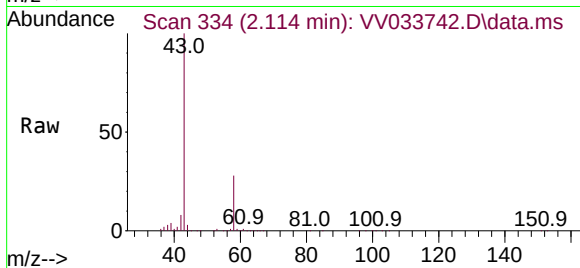
ClientSampleId :

Tgt Ion: 43 Resp: 137993

Ion Ratio Lower Upper

43 100

58 28.7 0.0 57.2



#14

Carbon disulfide

Concen: 49.362 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV033742.D

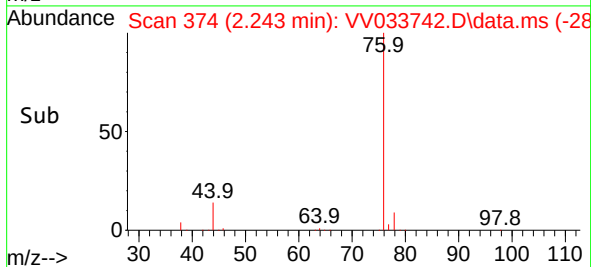
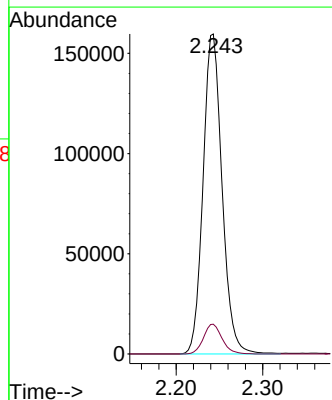
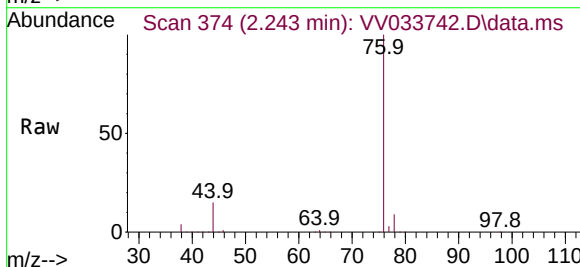
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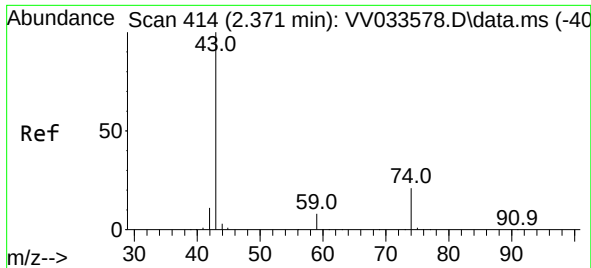
Tgt Ion: 76 Resp: 243243

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

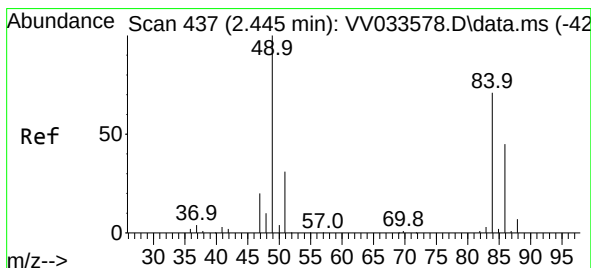
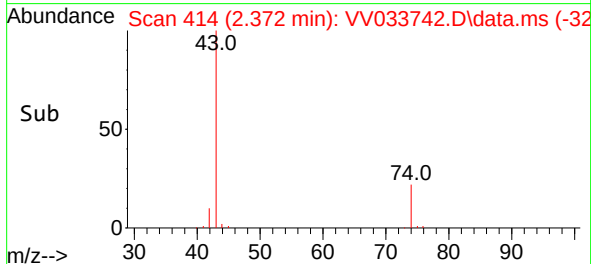
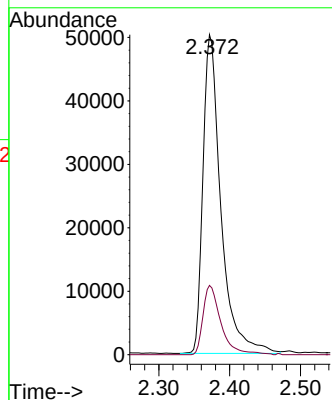
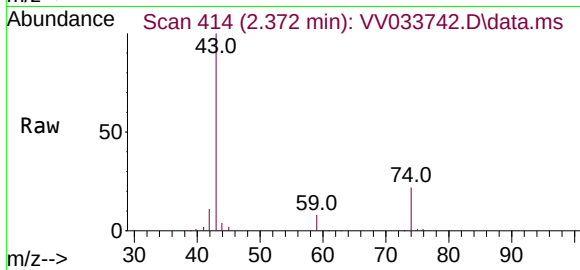




#15
Methyl Acetate
Concen: 44.407 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

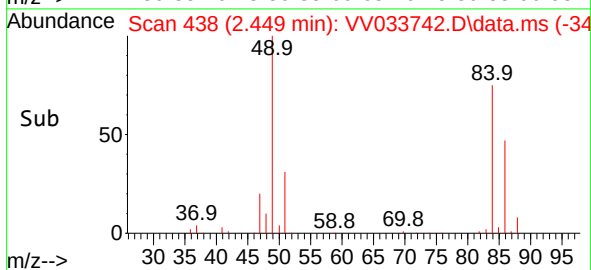
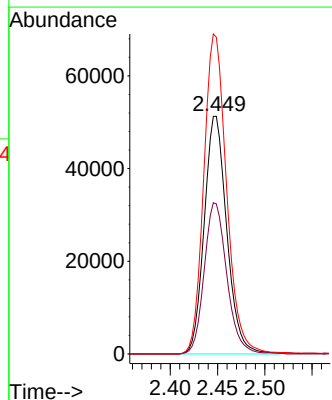
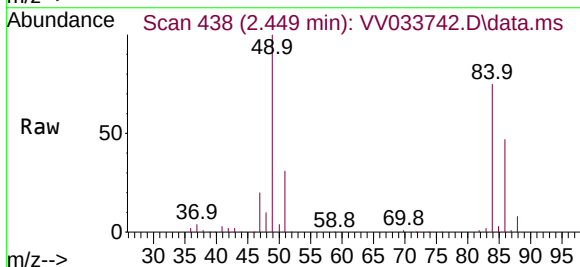
Instrument :
MSVOA_V
ClientSampleId :

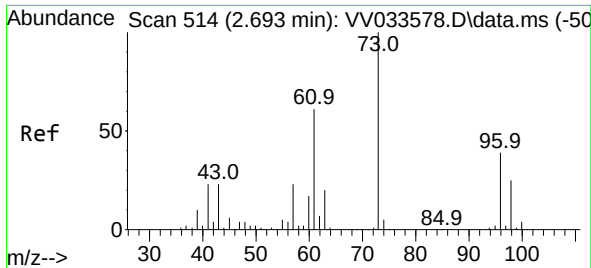
Tgt Ion: 43 Resp: 88418
Ion Ratio Lower Upper
43 100
74 21.3 0.0 0.0#



#16
Methylene chloride
Concen: 48.224 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion: 84 Resp: 85295
Ion Ratio Lower Upper
84 100
86 63.2 43.9 81.5
49 133.2 98.3 182.5

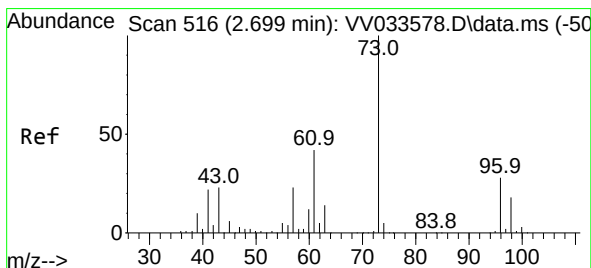
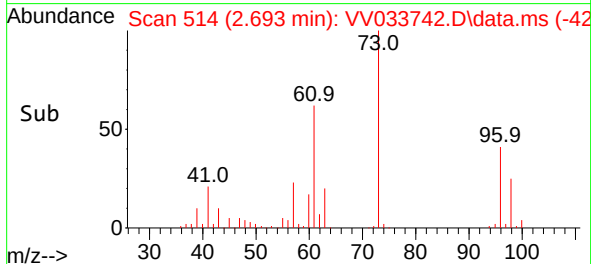
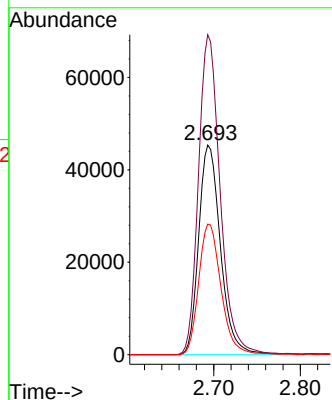
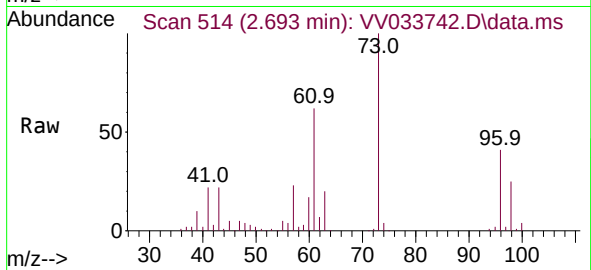




#17
trans-1,2-Dichloroethene
Concen: 48.954 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

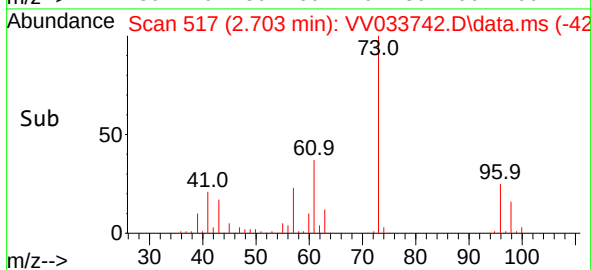
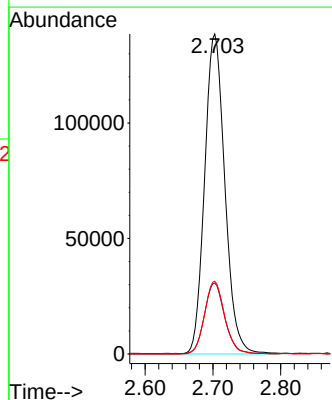
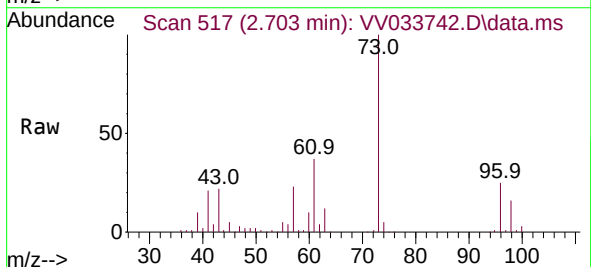
Instrument :
MSVOA_V
ClientSampleId :

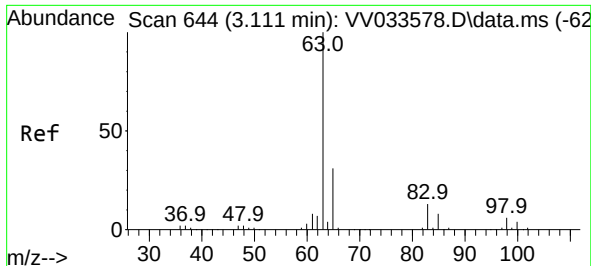
Tgt Ion: 96 Resp: 79284
Ion Ratio Lower Upper
96 100
61 152.7 108.4 201.4
98 62.3 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 49.353 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

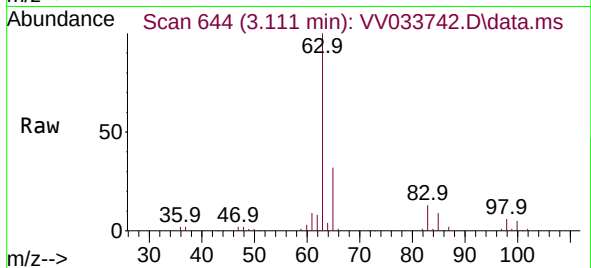
Tgt Ion: 73 Resp: 287474
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.2
57 22.6 18.6 27.8



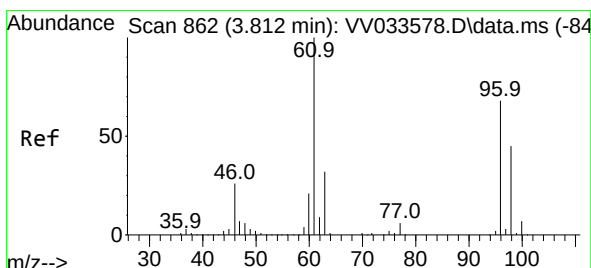
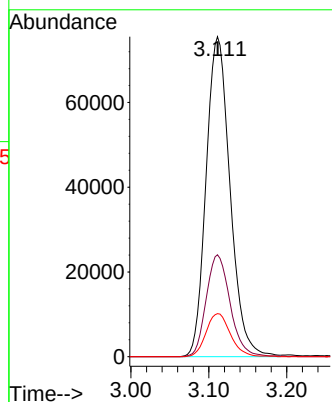
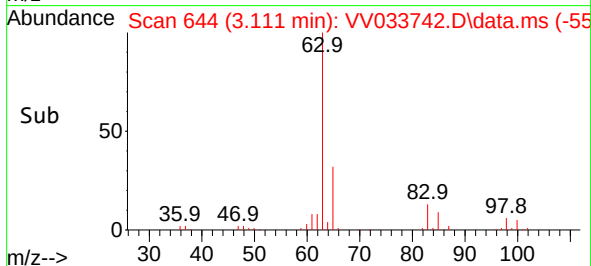


#19
1,1-Dichloroethane
Concen: 48.764 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Instrument :
MSVOA_V
ClientSampleId :

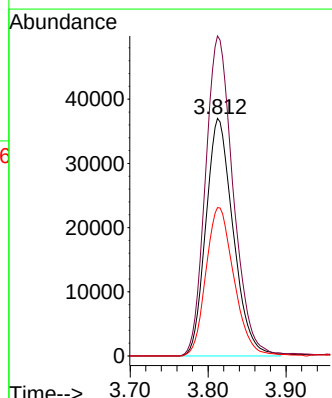
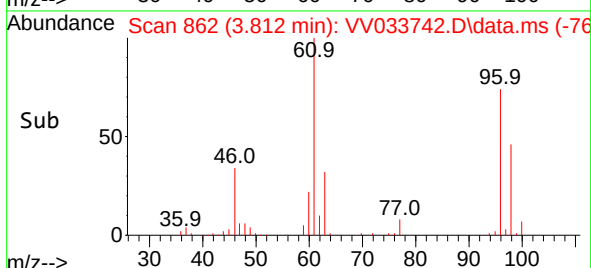
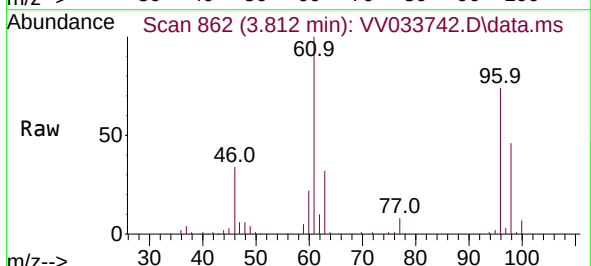


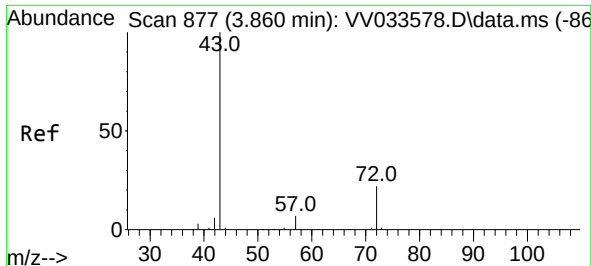
Tgt Ion: 63 Resp: 161459
Ion Ratio Lower Upper
63 100
65 31.8 22.4 41.6
83 13.5 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 50.060 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion: 96 Resp: 90233
Ion Ratio Lower Upper
96 100
61 134.7 100.6 186.8
98 62.5 44.6 82.8

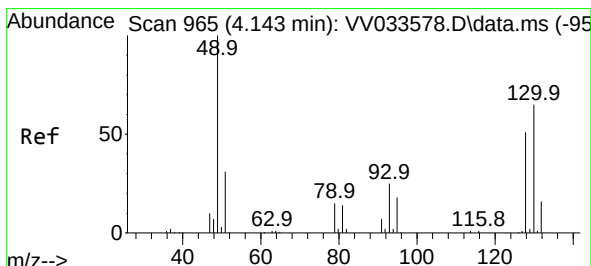
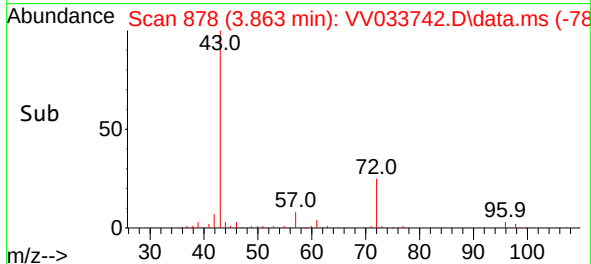
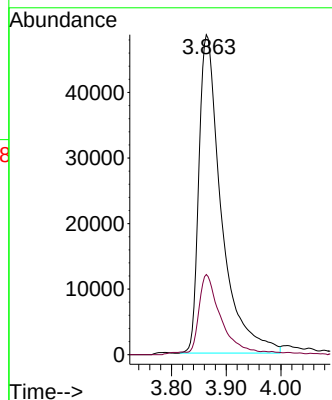
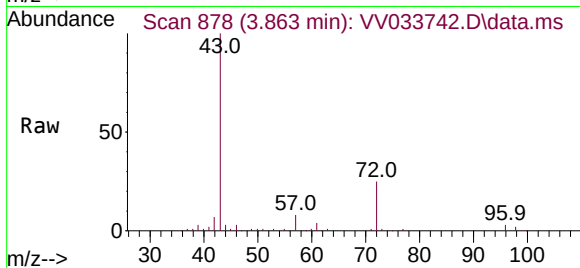




#22
2-Butanone
Concen: 93.663 ug/L
RT: 3.863 min Scan# 877
Delta R.T. 0.003 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

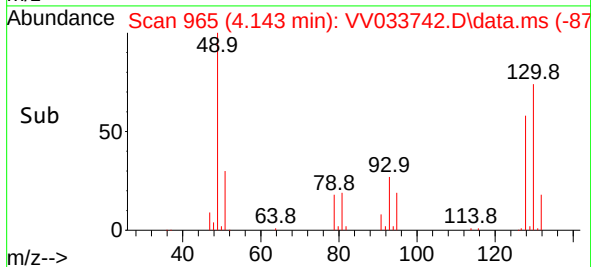
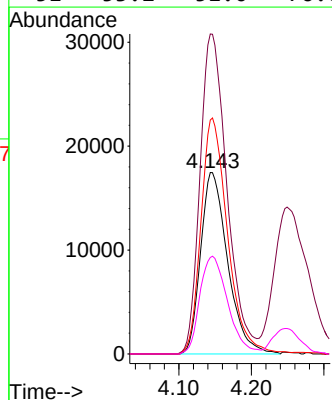
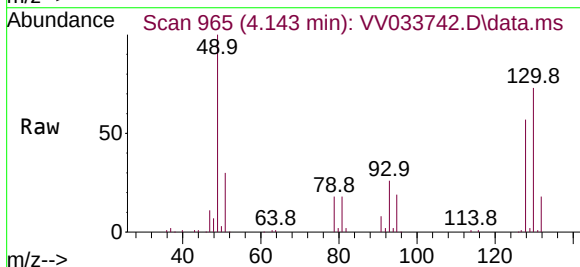
Instrument :
MSVOA_V
ClientSampleId :

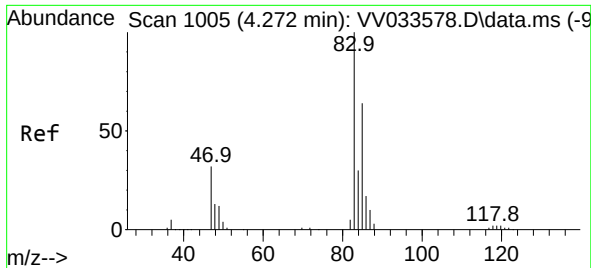
Tgt Ion: 43 Resp: 138514
Ion Ratio Lower Upper
43 100
72 22.2 11.9 35.5



#23
Bromochloromethane
Concen: 51.619 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion:128 Resp: 45201
Ion Ratio Lower Upper
128 100
49 176.4 143.9 267.2
130 128.9 90.6 168.2
51 53.2 51.0 76.6

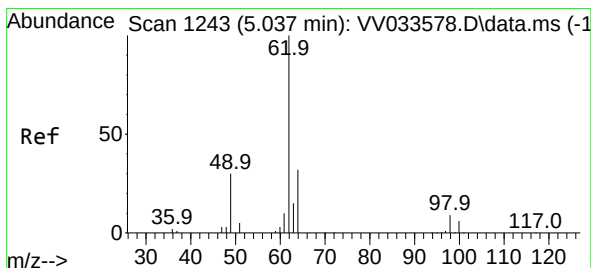
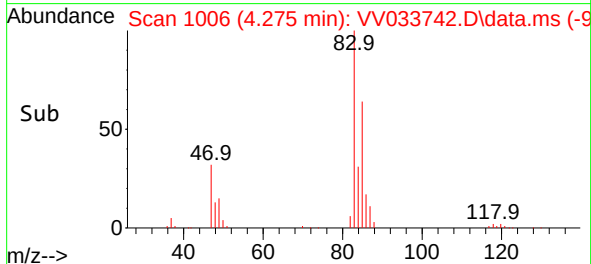
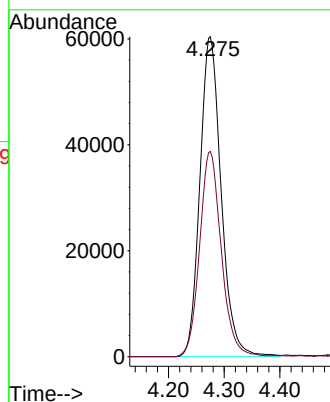
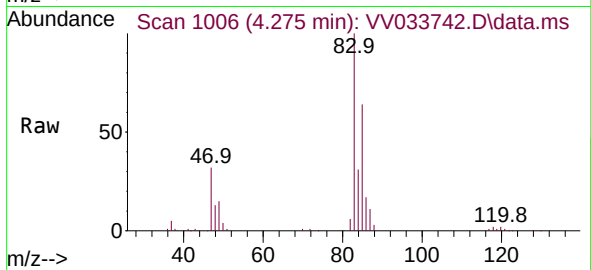




#25
Chloroform
Concen: 51.132 ug/L
RT: 4.275 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

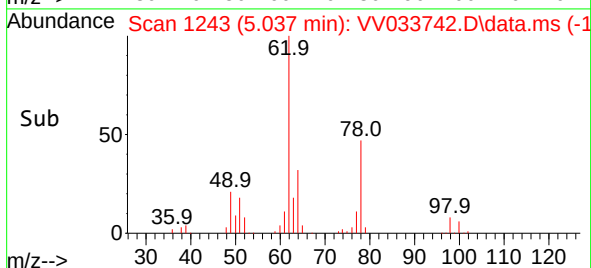
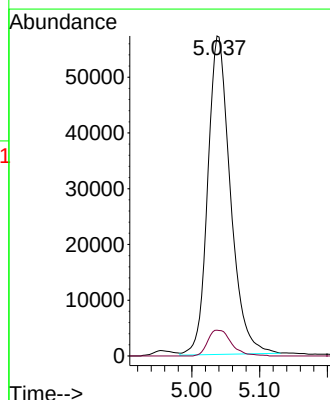
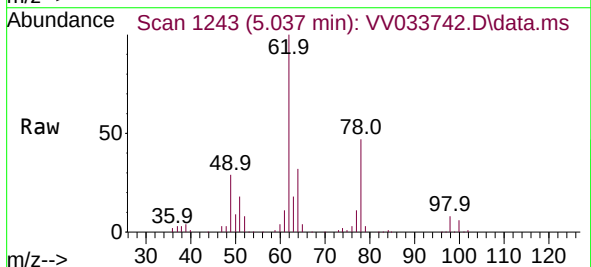
Instrument :
MSVOA_V
ClientSampleId :

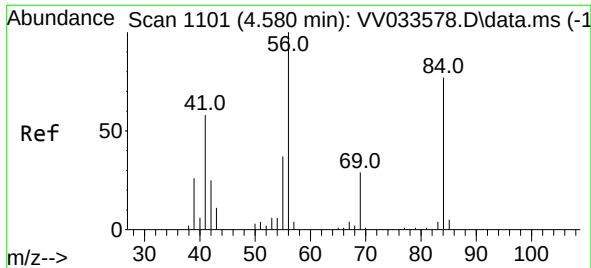
Tgt Ion: 83 Resp: 160521
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 50.567 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion: 62 Resp: 132592
Ion Ratio Lower Upper
62 100
98 8.1 6.8 10.2

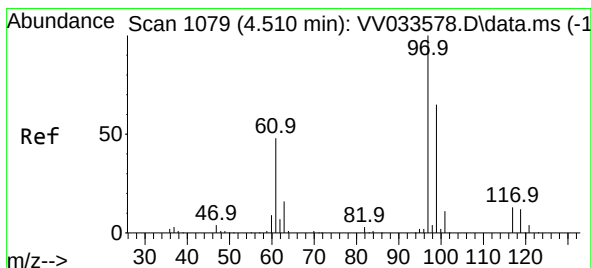
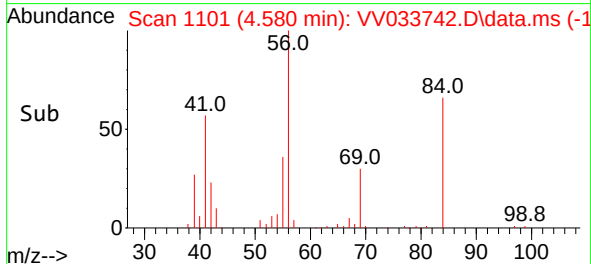
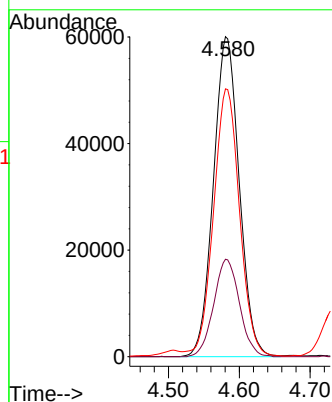
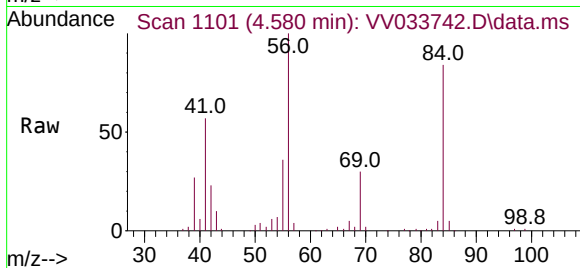




#29
Cyclohexane
Concen: 48.495 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

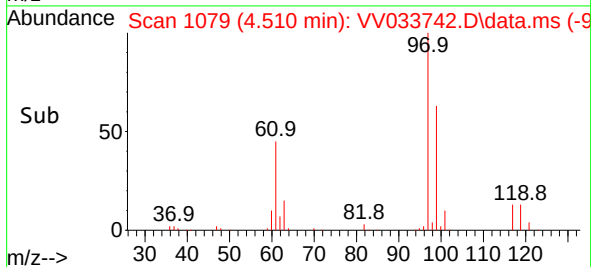
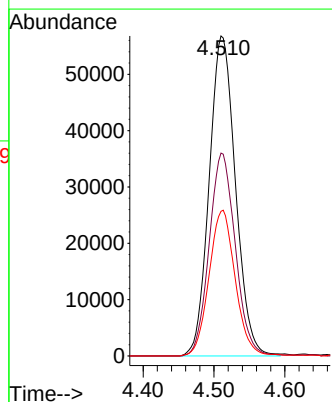
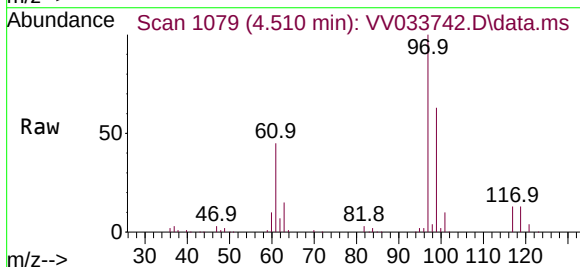
Instrument :
MSVOA_V
ClientSampleId :

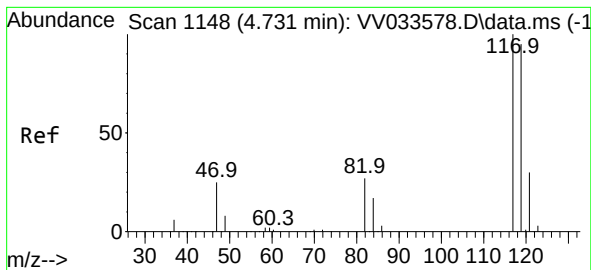
Tgt Ion: 56 Resp: 152078
Ion Ratio Lower Upper
56 100
69 30.3 23.8 35.6
84 83.8 63.8 95.6



#30
1,1,1-Trichloroethane
Concen: 54.941 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion: 97 Resp: 146663
Ion Ratio Lower Upper
97 100
99 63.0 51.4 77.0
61 45.4 38.2 57.2





#31

Carbon tetrachloride

Concen: 56.952 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

Instrument :

MSVOA_V

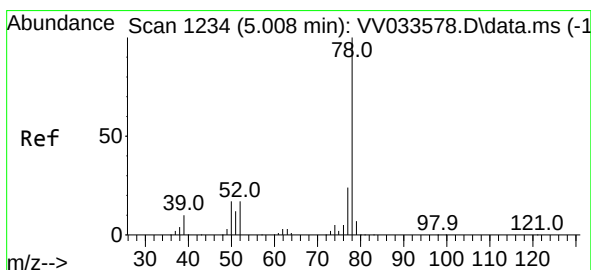
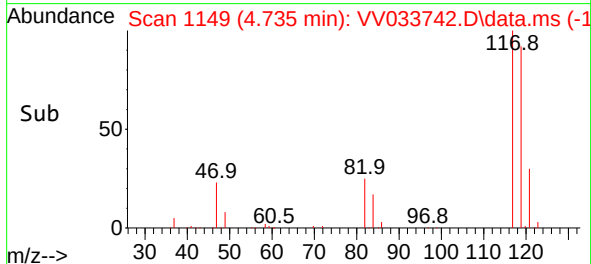
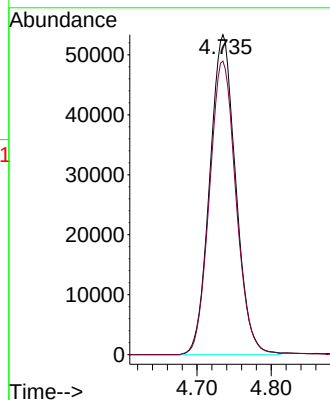
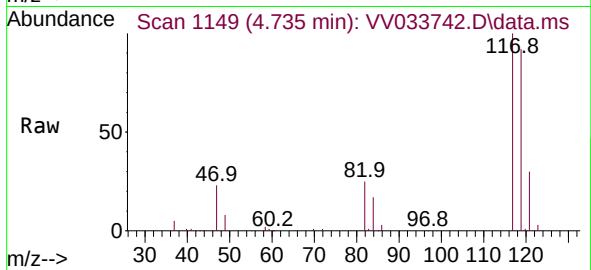
ClientSampleId :

Tgt Ion:117 Resp: 129769

Ion Ratio Lower Upper

117 100

119 93.6 77.0 115.4



#33

Benzene

Concen: 51.166 ug/L

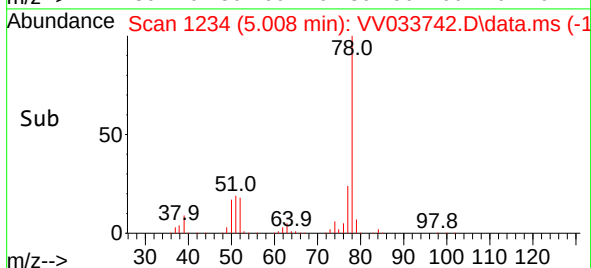
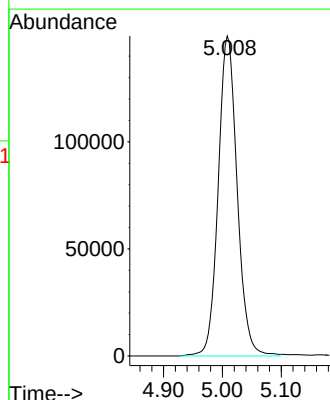
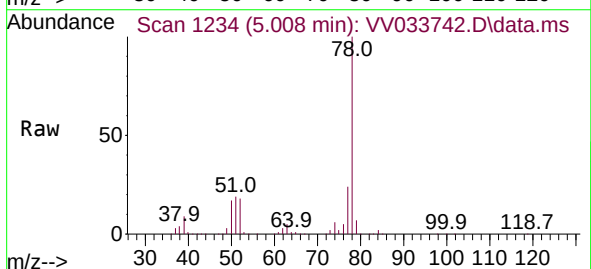
RT: 5.008 min Scan# 1234

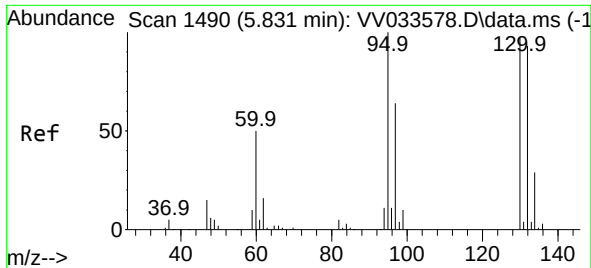
Delta R.T. 0.000 min

Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

Tgt Ion: 78 Resp: 334296

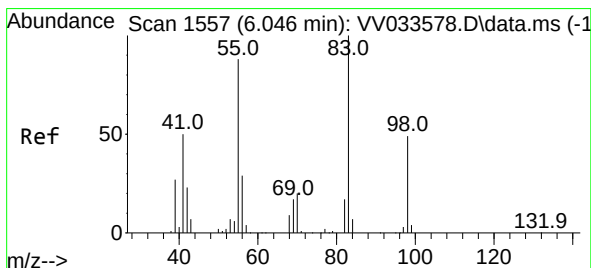
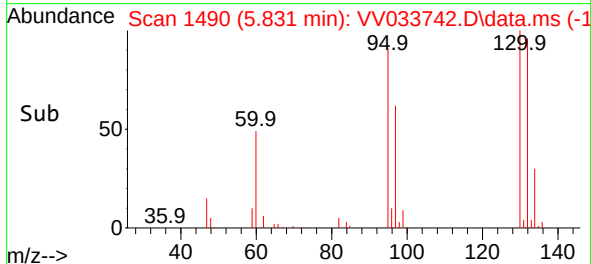
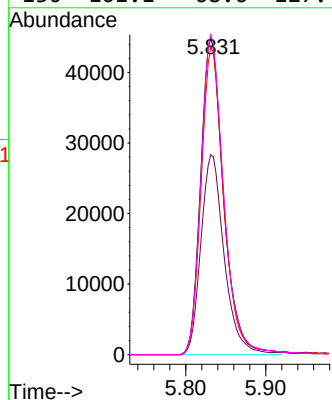
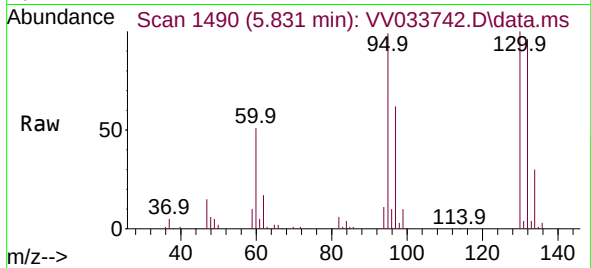




#34
Trichloroethene
Concen: 51.100 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

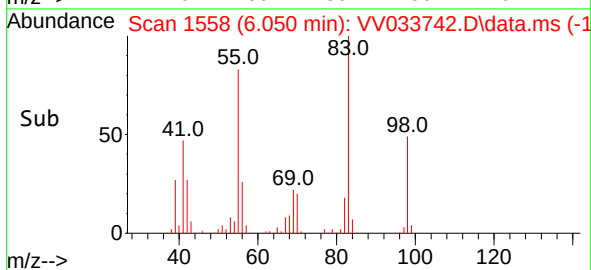
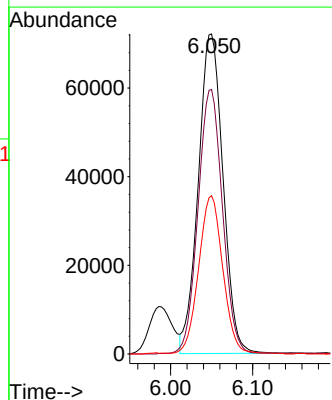
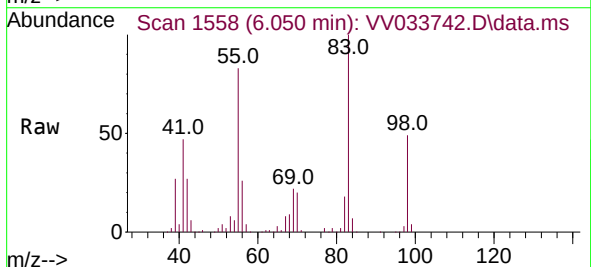
Instrument :
MSVOA_V
ClientSampleId :

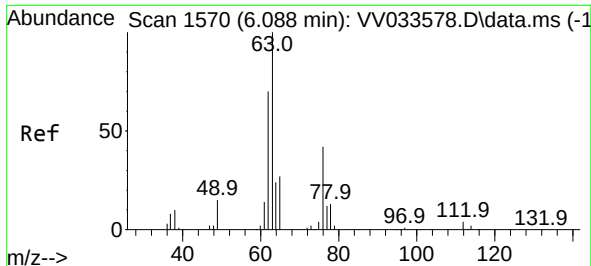
Tgt Ion: 95 Resp: 89558
Ion Ratio Lower Upper
95 100
97 63.2 44.4 82.4
132 97.2 65.5 121.7
130 101.1 68.6 127.4



#35
Methylcyclohexane
Concen: 50.265 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion: 83 Resp: 150762
Ion Ratio Lower Upper
83 100
55 81.9 67.1 100.7
98 48.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 49.791 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

Instrument :

MSVOA_V

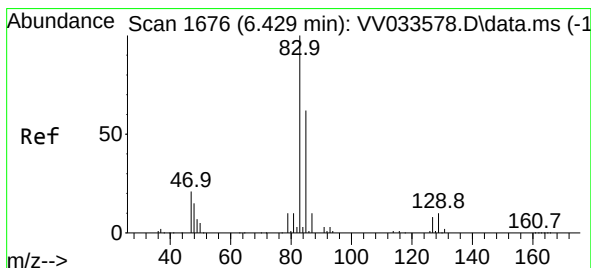
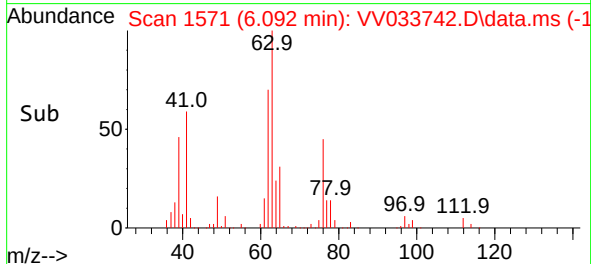
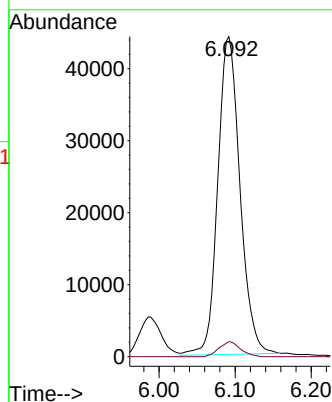
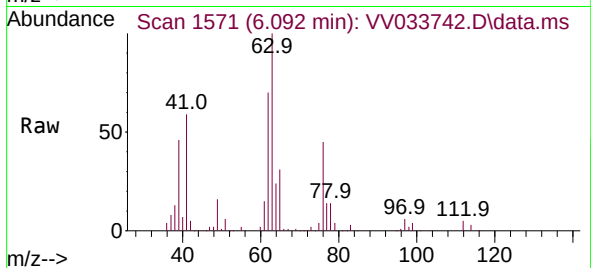
ClientSampleId :

Tgt Ion: 63 Resp: 89520

Ion Ratio Lower Upper

63 100

112 4.5 3.1 4.7



#38

Bromodichloromethane

Concen: 51.590 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

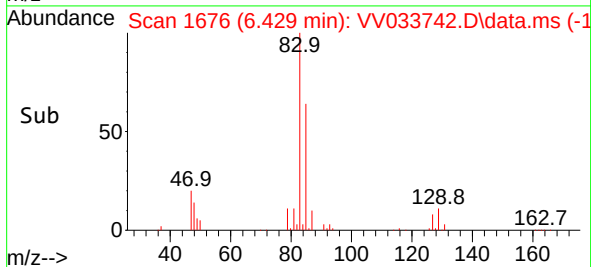
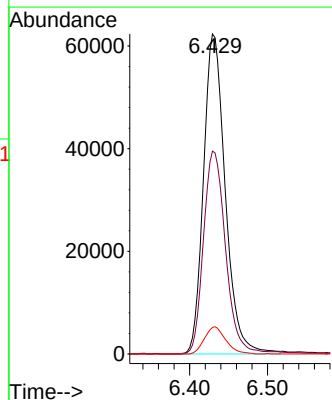
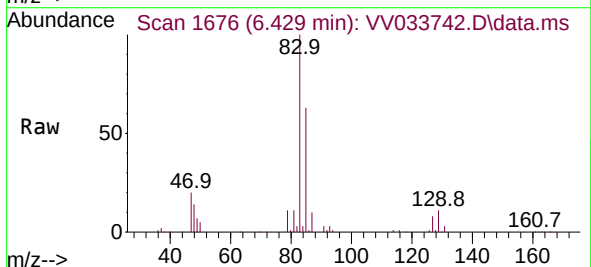
Tgt Ion: 83 Resp: 121338

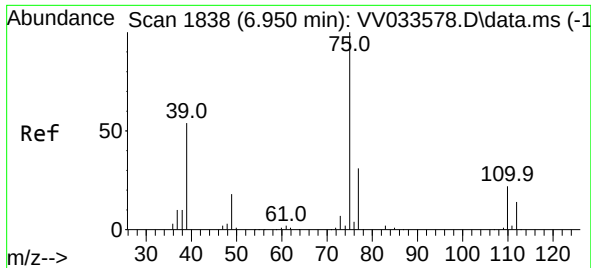
Ion Ratio Lower Upper

83 100

85 63.4 45.1 83.7

127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 48.886 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

Instrument :

MSVOA_V

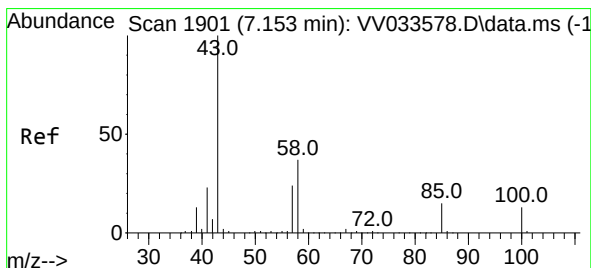
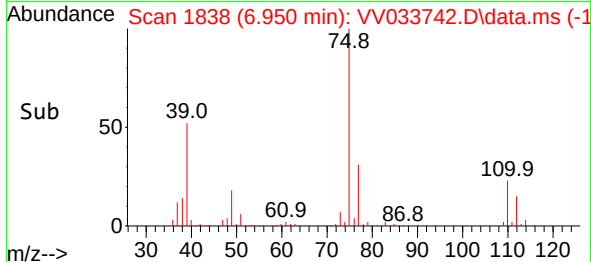
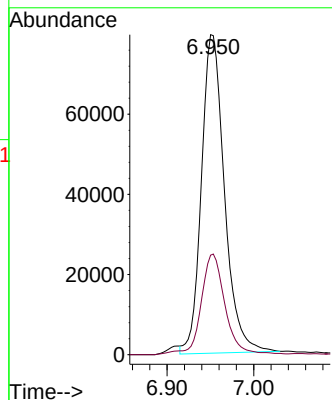
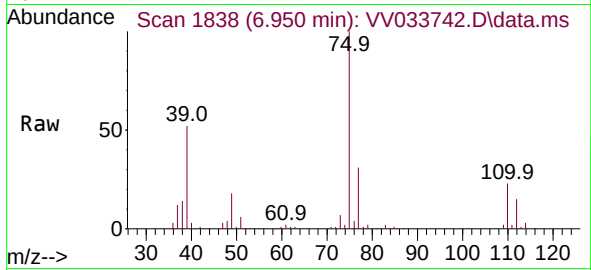
ClientSampleId :

Tgt Ion: 75 Resp: 146771

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 89.118 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

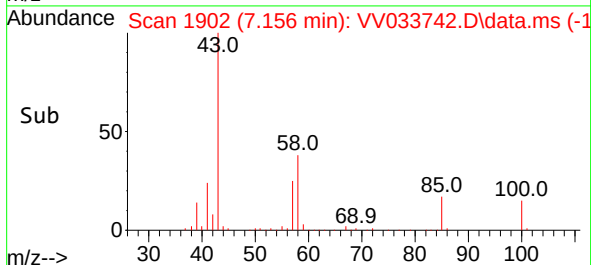
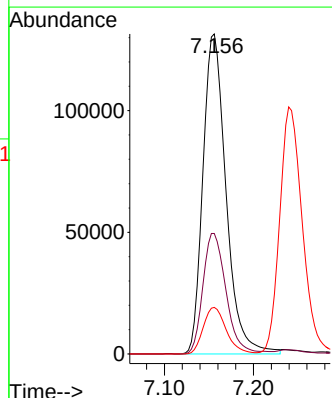
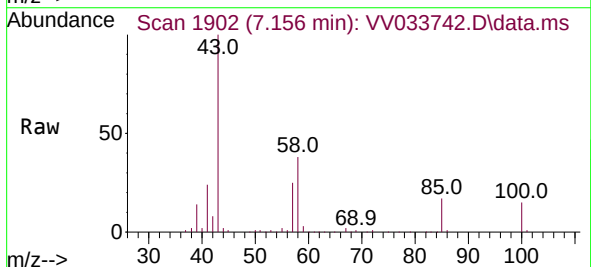
Tgt Ion: 43 Resp: 237411

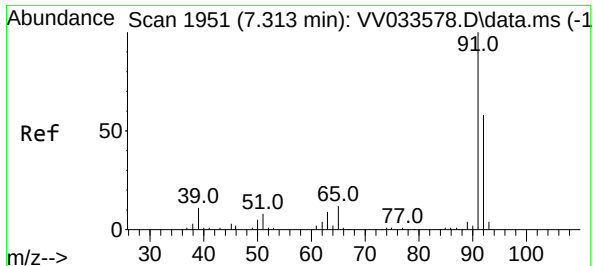
Ion Ratio Lower Upper

43 100

58 37.4 29.6 44.4

100 14.5 10.6 16.0





#42

Toluene

Concen: 51.642 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

Instrument :

MSVOA_V

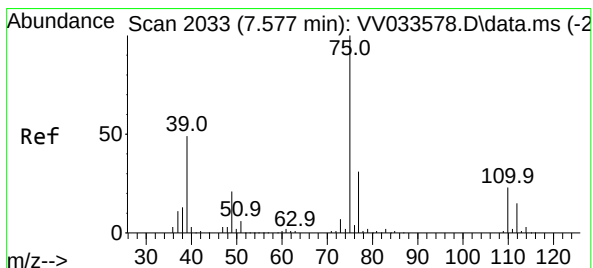
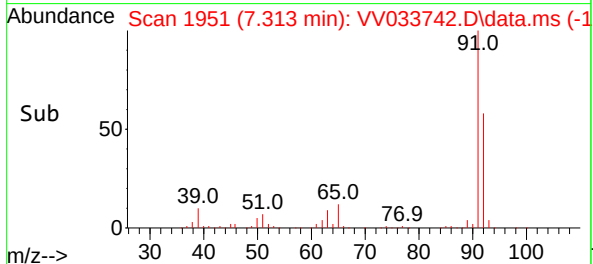
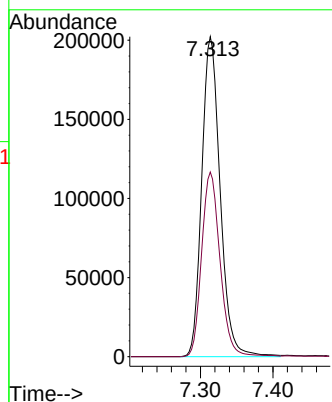
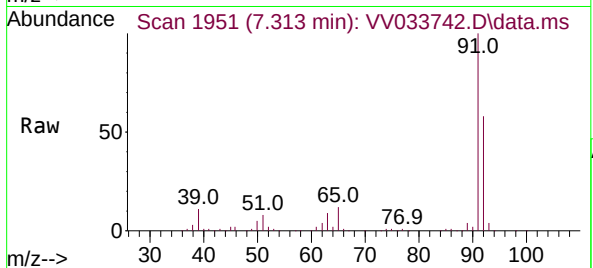
ClientSampleId :

Tgt Ion: 91 Resp: 356667

Ion Ratio Lower Upper

91 100

92 57.7 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 51.261 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV033742.D

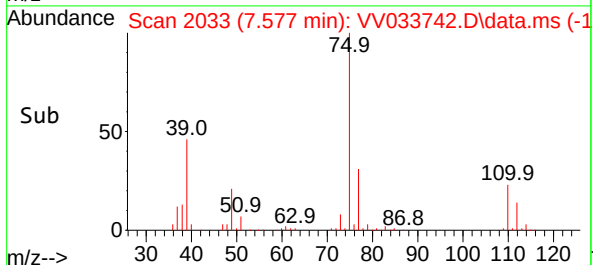
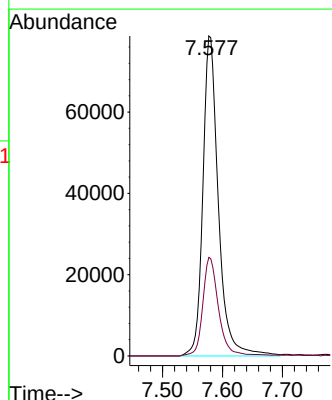
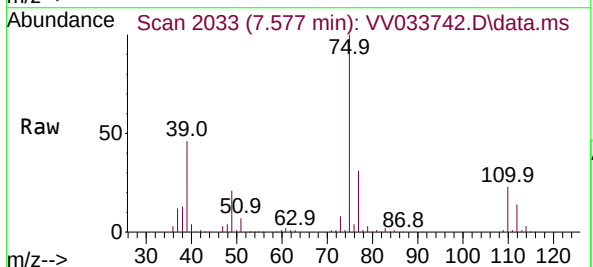
Acq: 19 Jan 2024 08:52

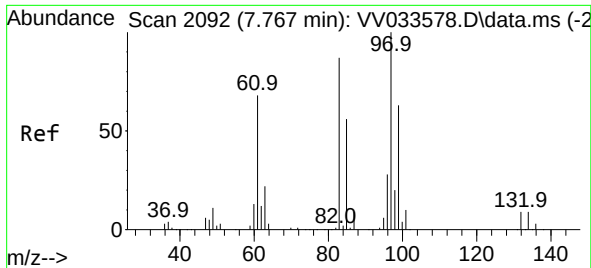
Tgt Ion: 75 Resp: 141825

Ion Ratio Lower Upper

75 100

77 30.8 21.6 40.0

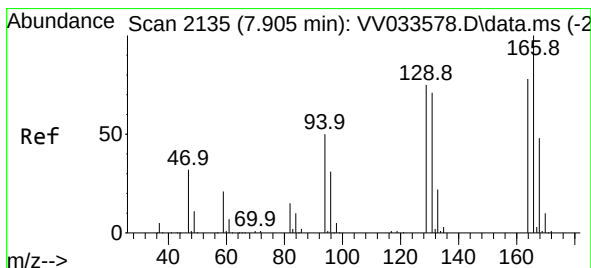
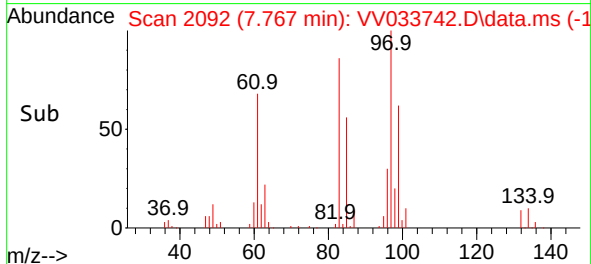
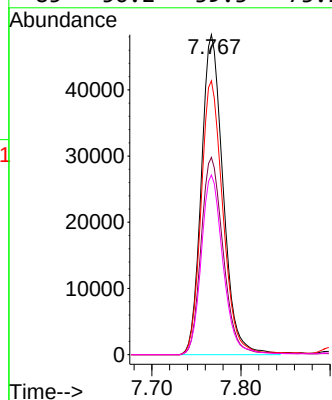
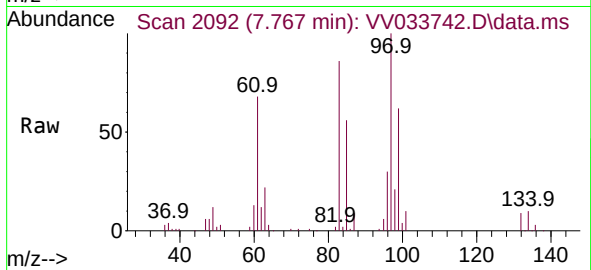




#45
1,1,2-Trichloroethane
Concen: 50.372 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

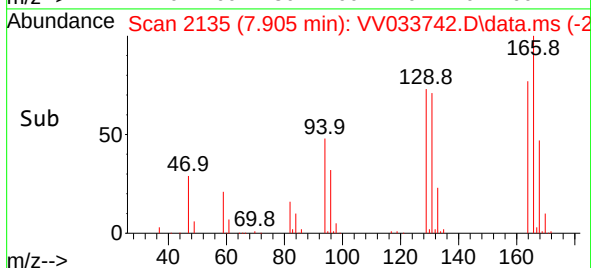
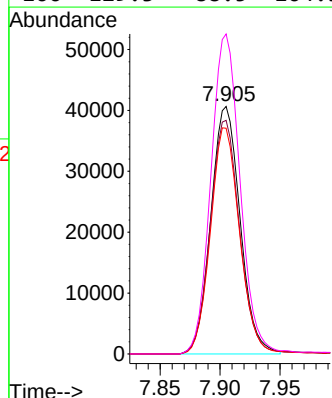
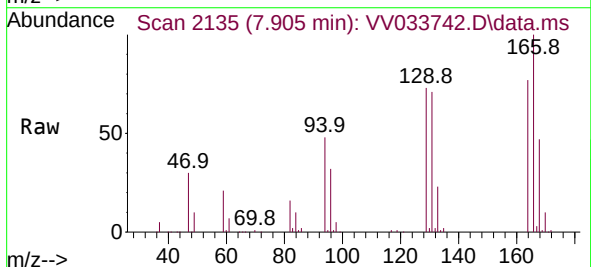
Instrument :
MSVOA_V
ClientSampleId :

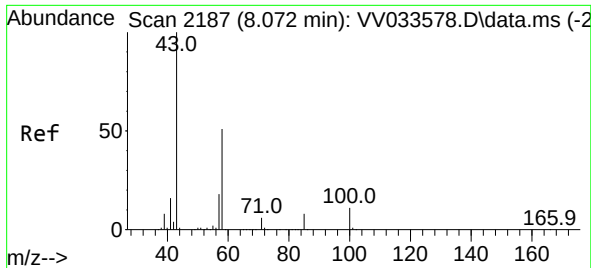
Tgt Ion:	97	Resp:	82172
Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.8	79.6
83	85.6	61.2	113.8
85	56.2	39.3	73.1



#46
Tetrachloroethene
Concen: 53.681 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion:	164	Resp:	69007
Ion	Ratio	Lower	Upper
164	100		
129	94.4	66.1	122.7
131	91.2	65.9	122.5
166	129.3	88.5	164.3

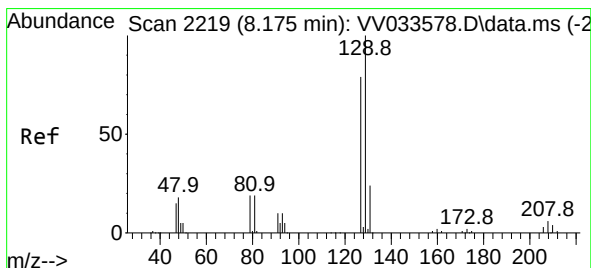
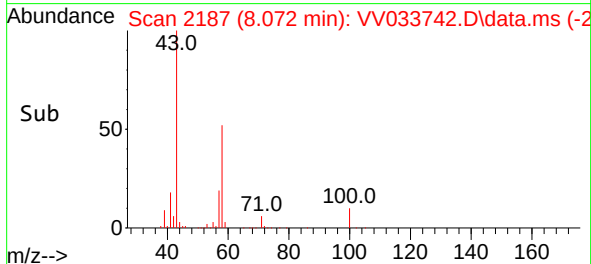
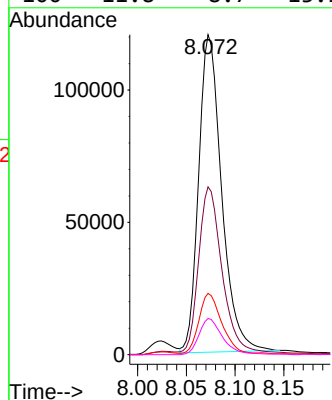
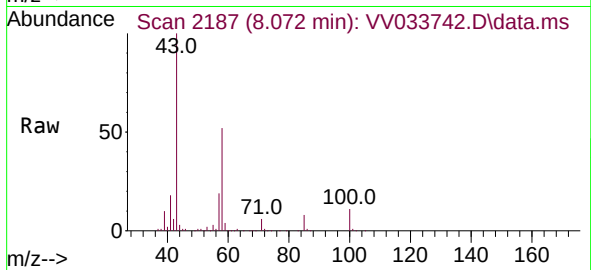




#48
2-Hexanone
Concen: 92.923 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

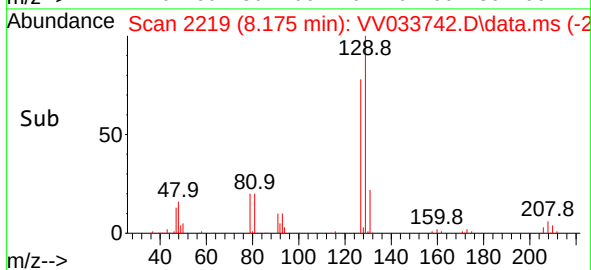
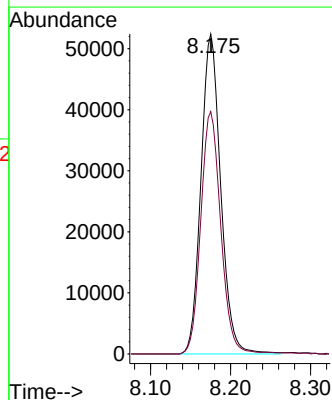
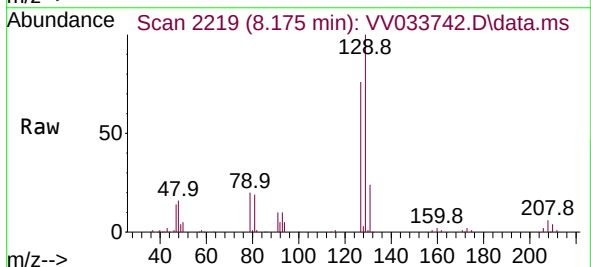
Instrument :
MSVOA_V
ClientSampleId :

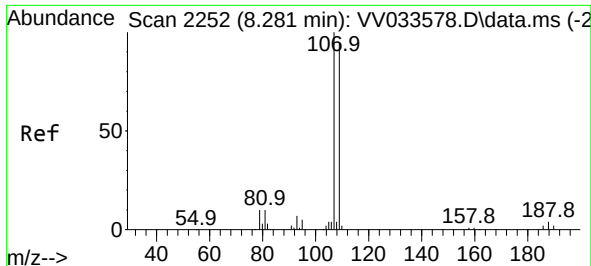
Tgt Ion: 43 Resp: 197251
Ion Ratio Lower Upper
43 100
58 53.8 42.3 63.5
57 18.7 14.2 21.2
100 11.8 8.7 13.1



#49
Dibromochloromethane
Concen: 53.107 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion: 129 Resp: 90228
Ion Ratio Lower Upper
129 100
127 75.7 54.5 101.3

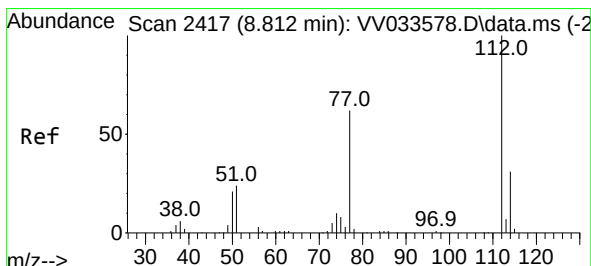
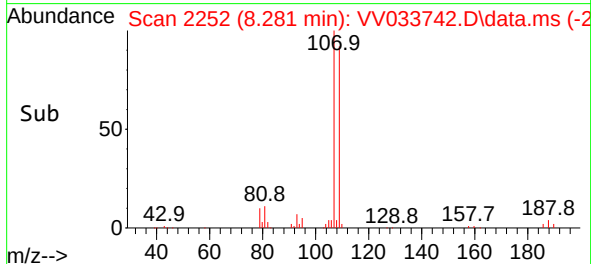
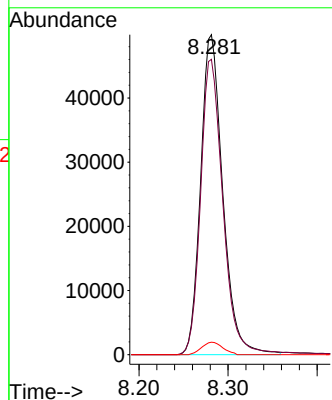
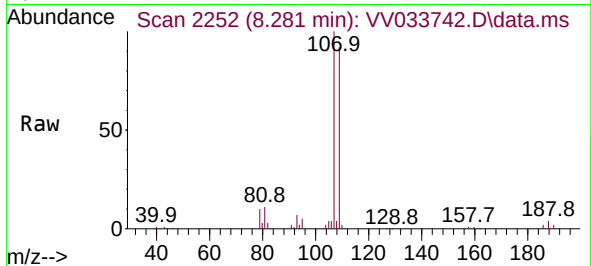




#50
1,2-Dibromoethane
Concen: 49.987 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

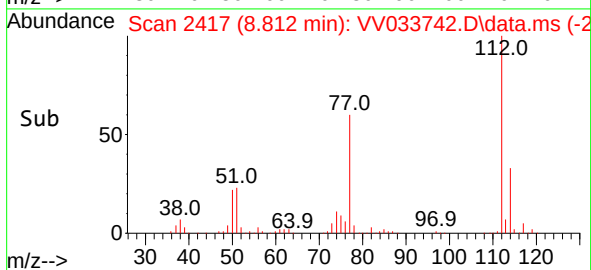
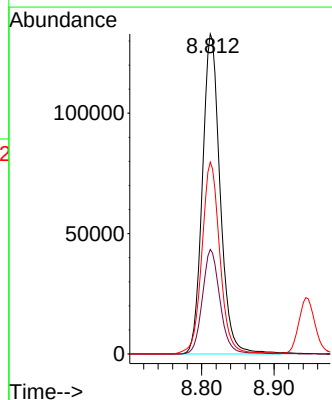
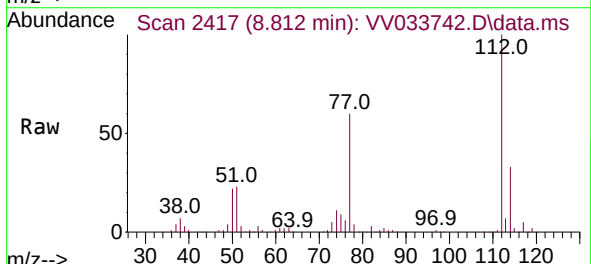
Instrument :
MSVOA_V
ClientSampleId :

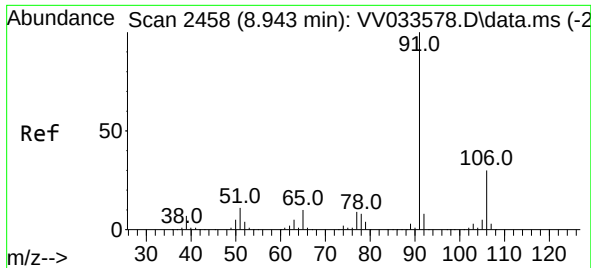
Tgt Ion:107 Resp: 86174
Ion Ratio Lower Upper
107 100
109 92.3 66.4 123.4
188 3.9 2.7 4.1



#51
Chlorobenzene
Concen: 51.322 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion:112 Resp: 225786
Ion Ratio Lower Upper
112 100
114 32.7 22.5 41.7
77 59.9 49.4 74.0

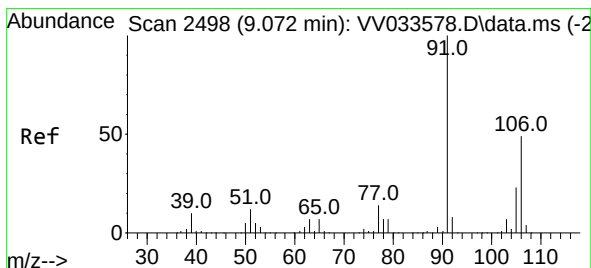
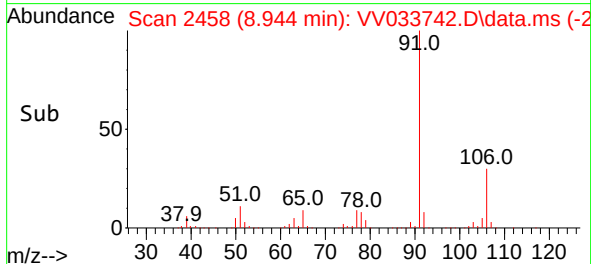
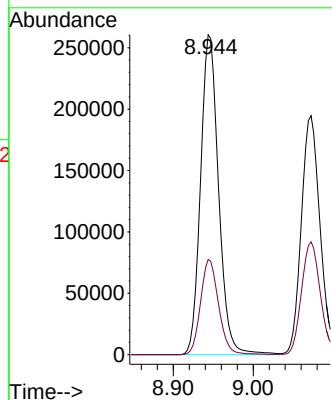
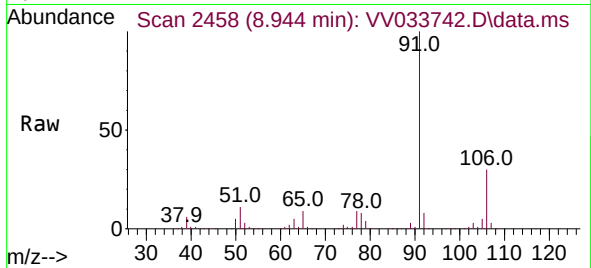




#52
Ethylbenzene
Concen: 51.206 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

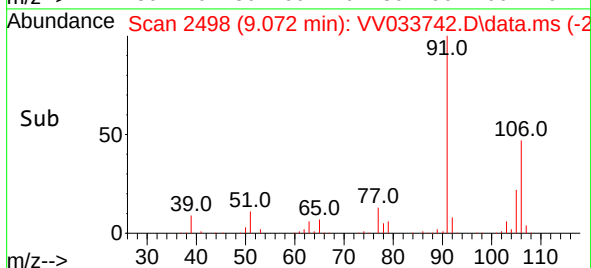
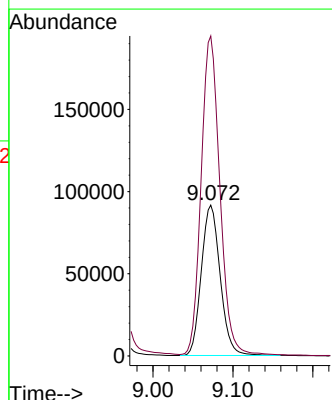
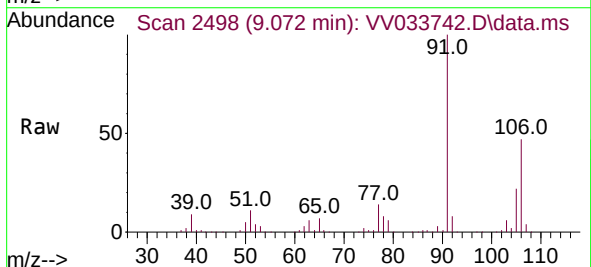
Instrument :
MSVOA_V
ClientSampleId :

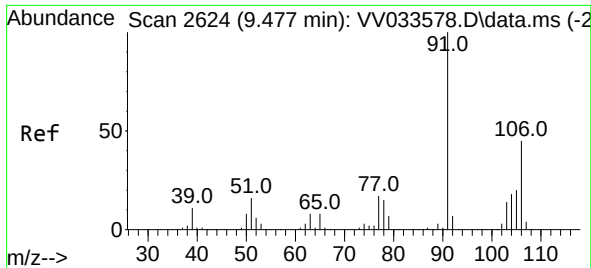
Tgt Ion: 91 Resp: 409617
Ion Ratio Lower Upper
91 100
106 29.8 21.5 39.9



#53
m,p-Xylene
Concen: 50.925 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion: 106 Resp: 150394
Ion Ratio Lower Upper
106 100
91 212.0 146.1 271.3

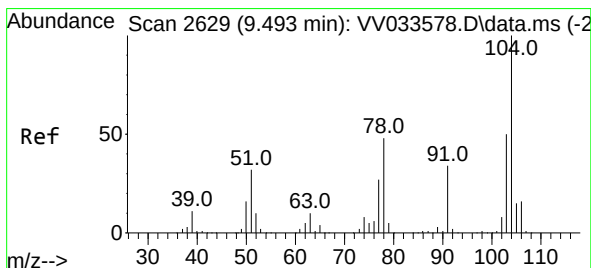
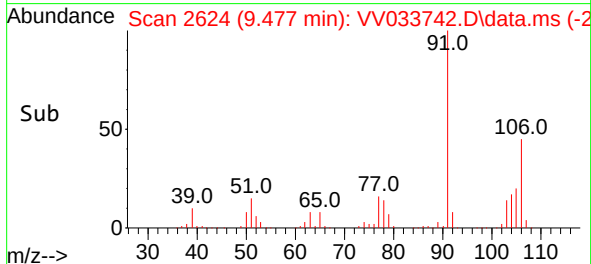
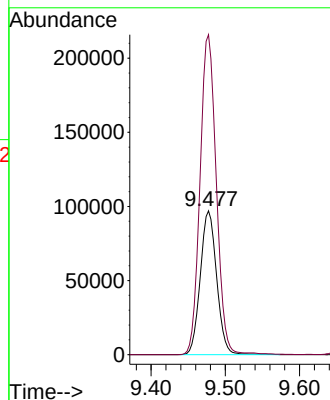
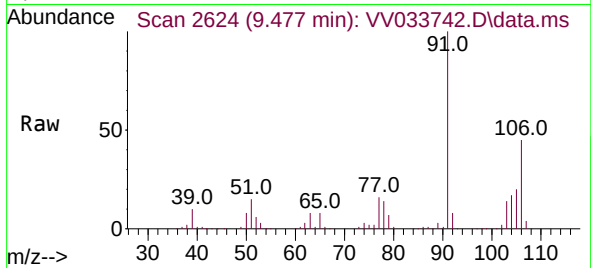




#54
o-Xylene
Concen: 50.856 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

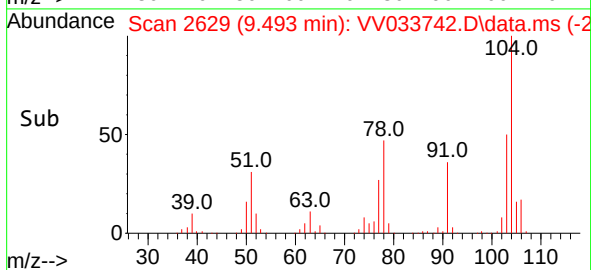
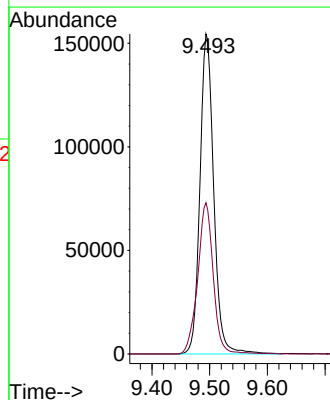
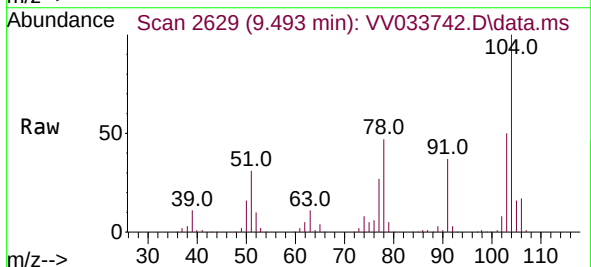
Instrument :
MSVOA_V
ClientSampleId :

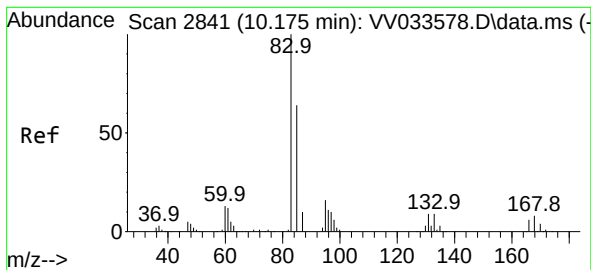
Tgt Ion:106 Resp: 148688
Ion Ratio Lower Upper
106 100
91 222.5 155.2 288.2



#55
Styrene
Concen: 50.676 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion:104 Resp: 255800
Ion Ratio Lower Upper
104 100
78 47.3 33.0 61.4

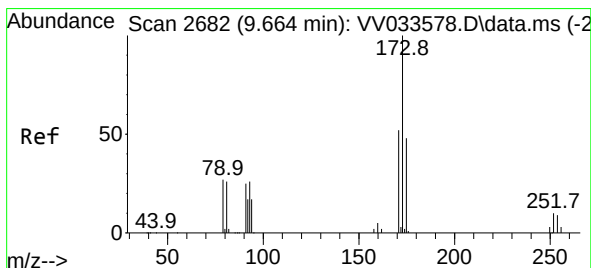
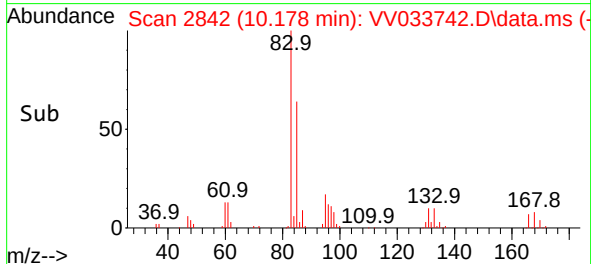
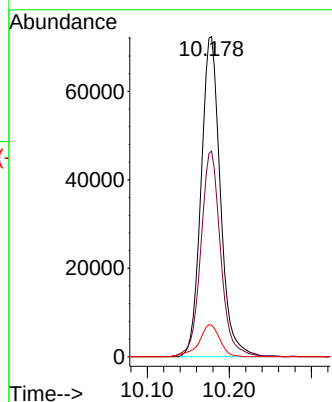
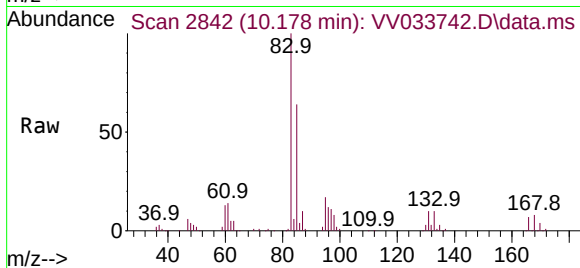




#57
1,1,2-Tetrachloroethane
Concen: 45.510 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.003 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

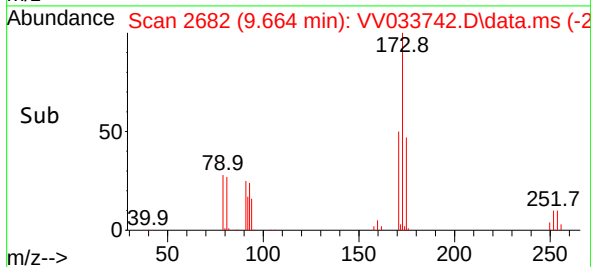
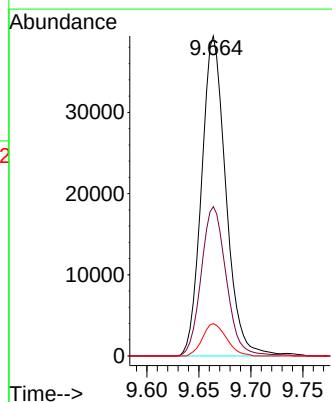
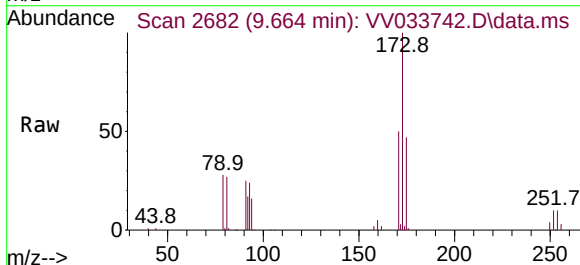
Instrument :
MSVOA_V
ClientSampleId :

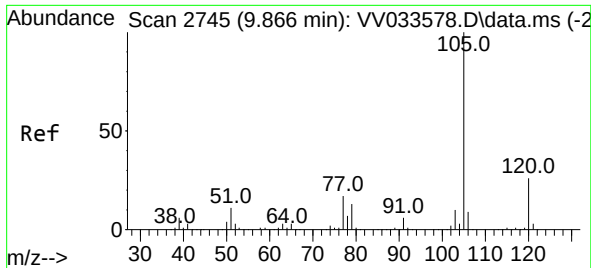
Tgt Ion: 83 Resp: 118149
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.5
131 9.8 7.5 11.3



#59
Bromoform
Concen: 52.373 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion: 173 Resp: 64074
Ion Ratio Lower Upper
173 100
175 48.1 37.2 55.8
254 10.0 7.4 11.0

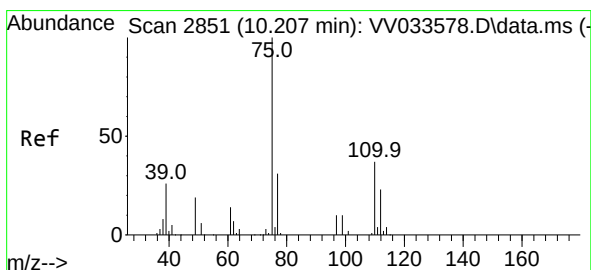
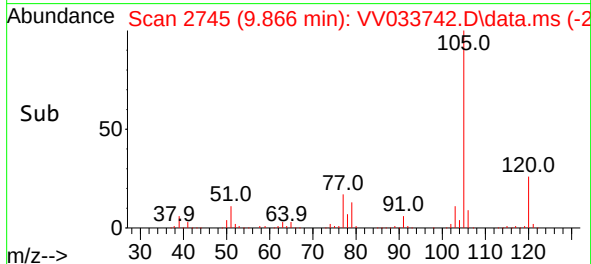
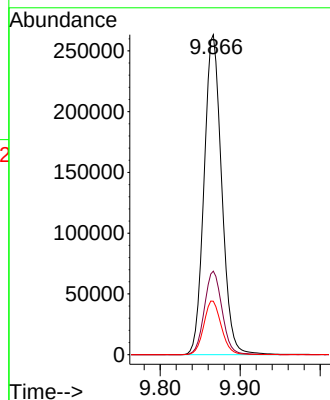
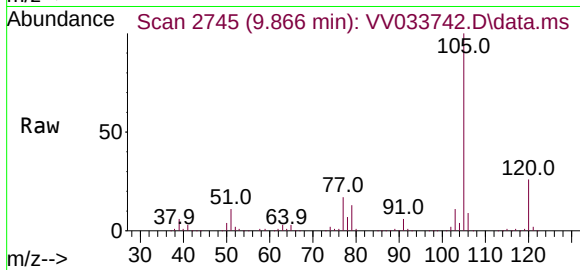




#60
Isopropylbenzene
Concen: 51.803 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

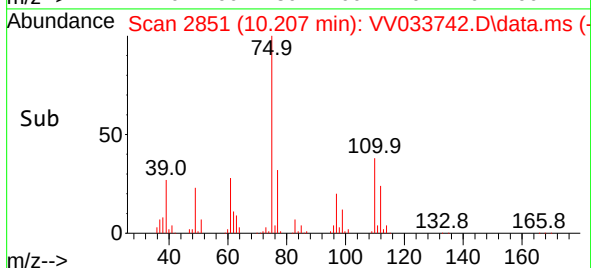
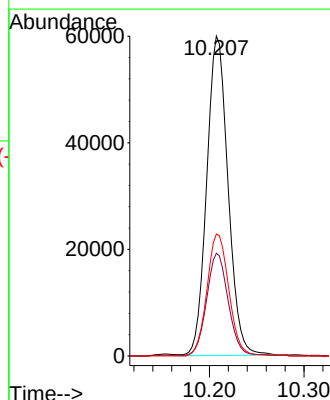
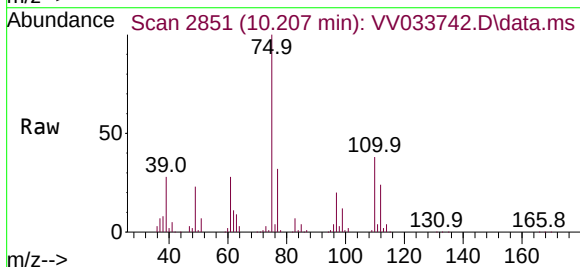
Instrument :
MSVOA_V
ClientSampleId :

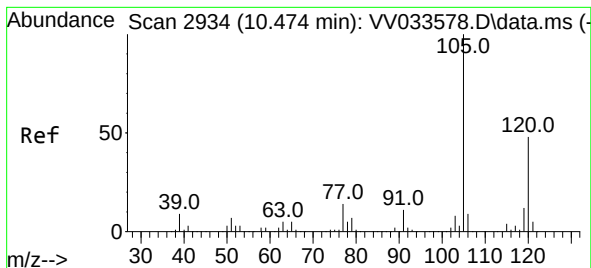
Tgt Ion:105 Resp: 403455
Ion Ratio Lower Upper
105 100
120 26.4 20.6 31.0
77 16.8 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 45.935 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion: 75 Resp: 93841
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
110 39.4 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 51.505 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

Instrument :

MSVOA_V

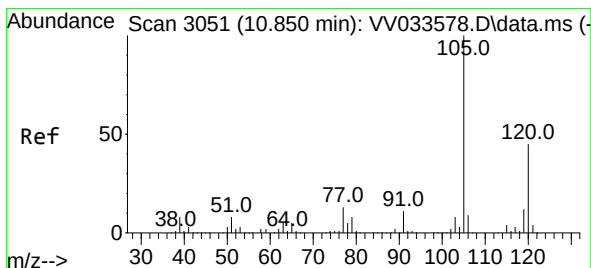
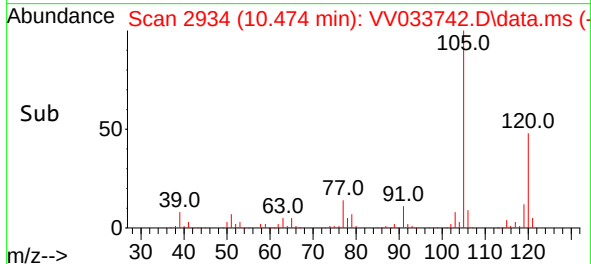
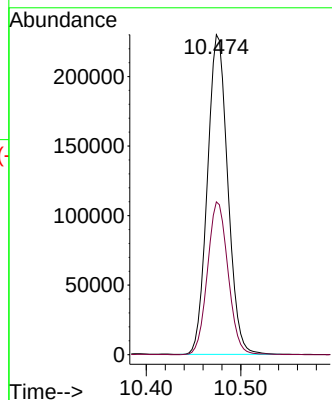
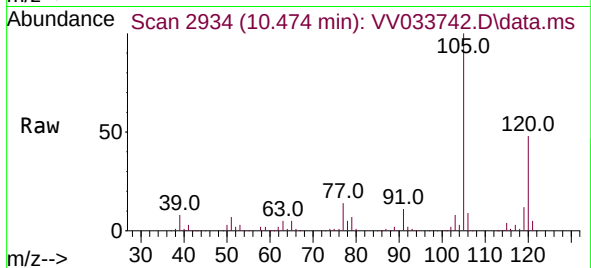
ClientSampleId :

Tgt Ion:105 Resp: 344174

Ion Ratio Lower Upper

105 100

120 48.4 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 51.868 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033742.D

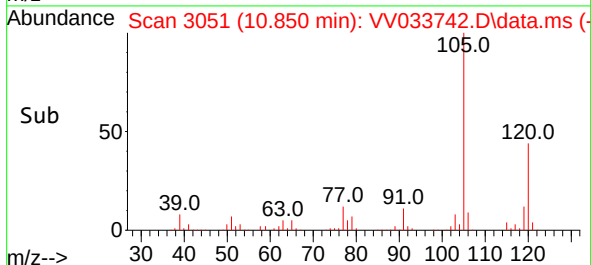
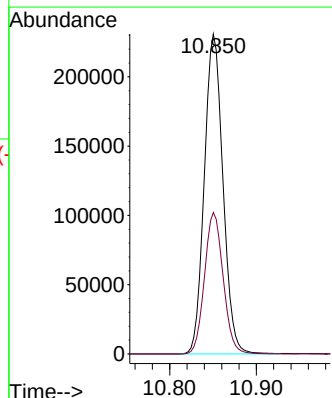
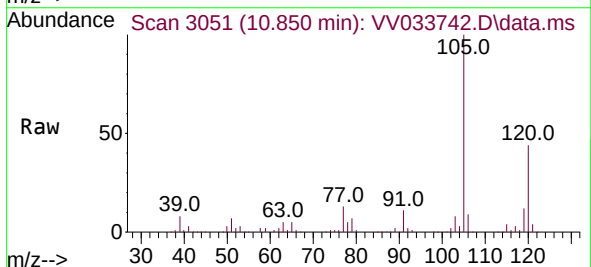
Acq: 19 Jan 2024 08:52

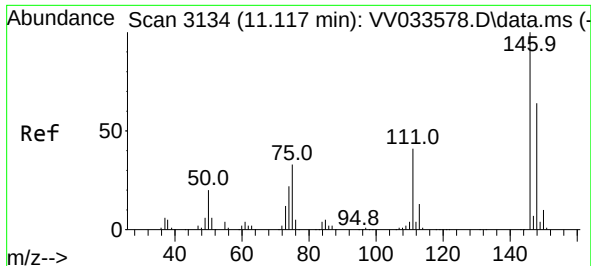
Tgt Ion:105 Resp: 345348

Ion Ratio Lower Upper

105 100

120 44.2 35.4 53.0

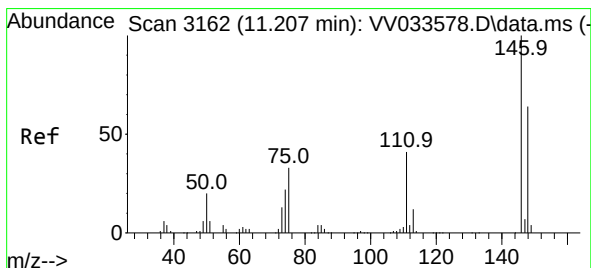
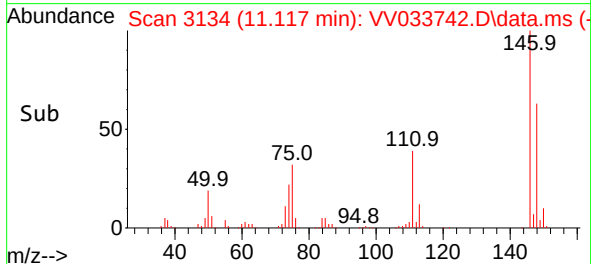
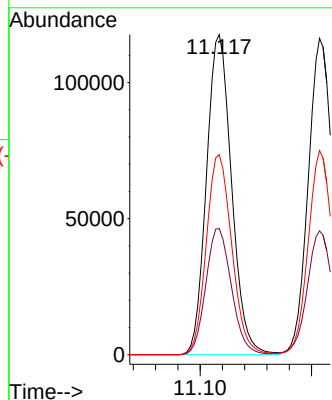
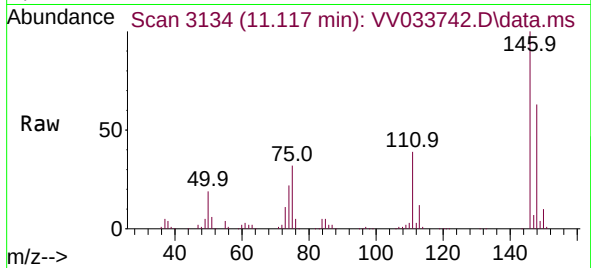




#64
1,3-Dichlorobenzene
Concen: 52.403 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

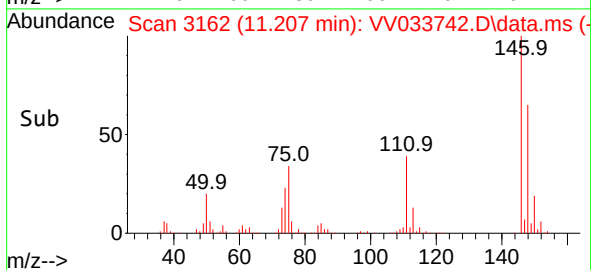
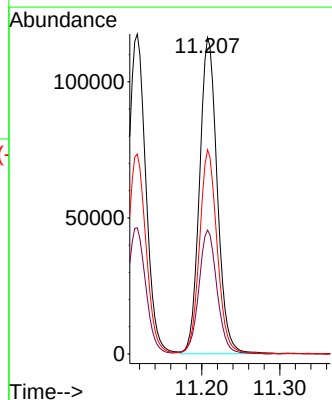
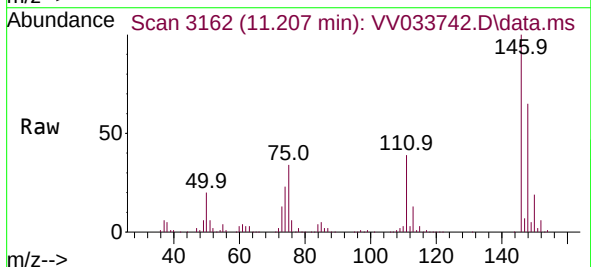
Instrument :
MSVOA_V
ClientSampleId :

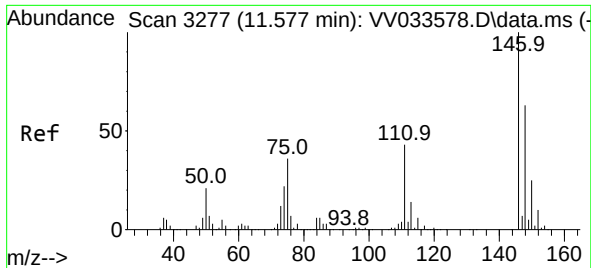
Tgt Ion:146 Resp: 184349
Ion Ratio Lower Upper
146 100
111 39.4 29.0 53.8
148 62.5 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 52.085 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion:146 Resp: 183723
Ion Ratio Lower Upper
146 100
111 39.2 27.7 51.5
148 64.6 44.1 81.9

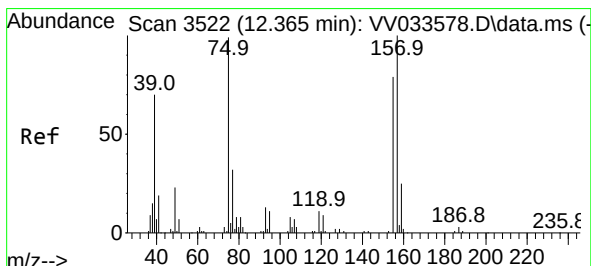
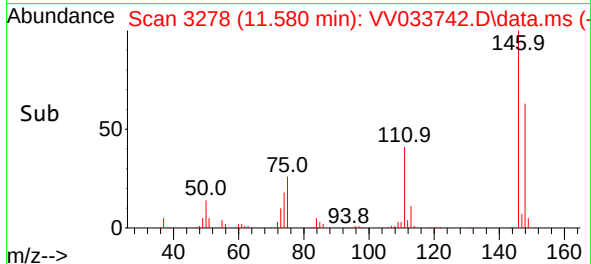
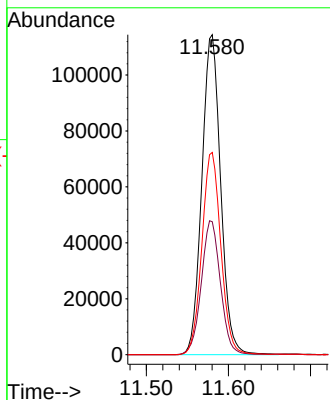
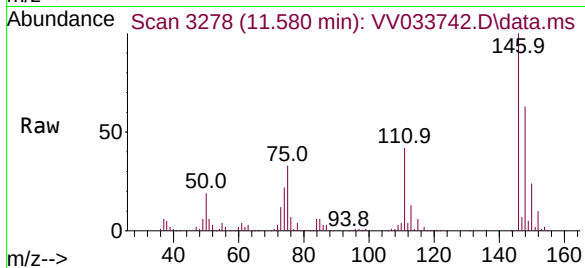




#67
1,2-Dichlorobenzene
Concen: 53.062 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

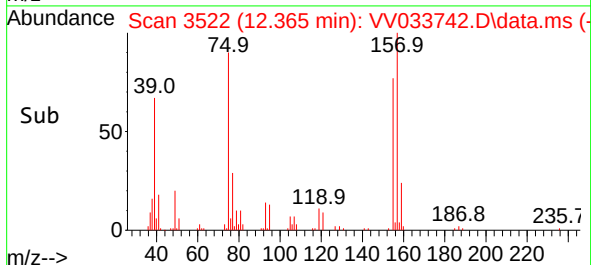
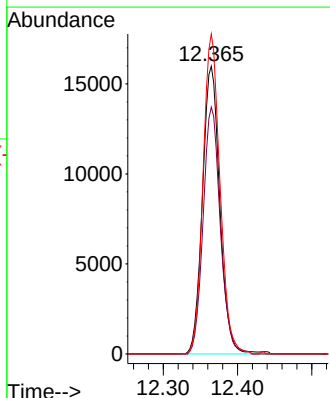
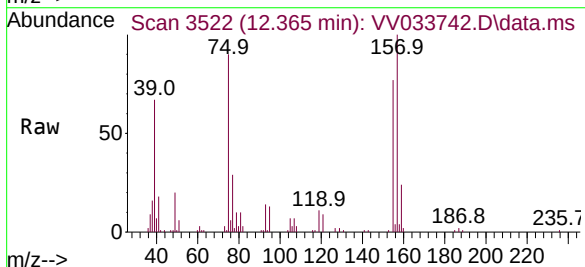
Instrument :
MSVOA_V
ClientSampleId :

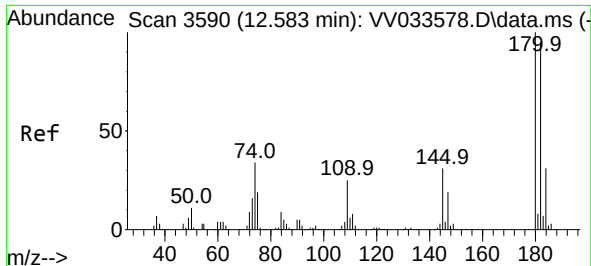
Tgt Ion:146 Resp: 182395
Ion Ratio Lower Upper
146 100
111 41.6 35.4 53.0
148 63.2 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 44.011 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.000 min
Lab File: VV033742.D
Acq: 19 Jan 2024 08:52

Tgt Ion: 75 Resp: 25945
Ion Ratio Lower Upper
75 100
155 85.8 61.6 92.4
157 111.2 79.2 118.8





#69

1,3,5-Trichlorobenzene

Concen: 54.503 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

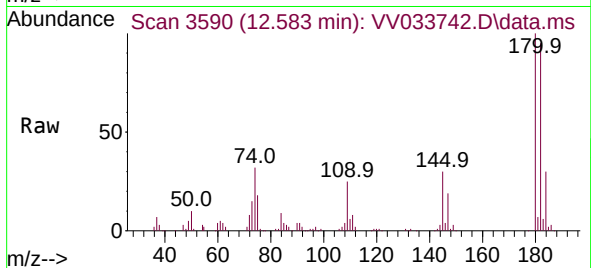
Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 141686

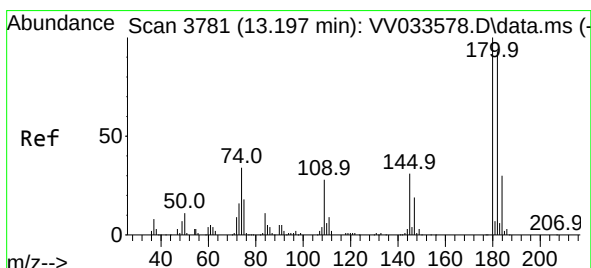
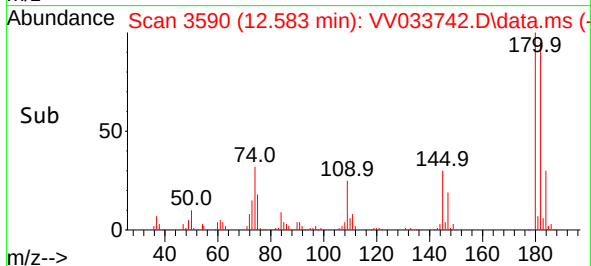
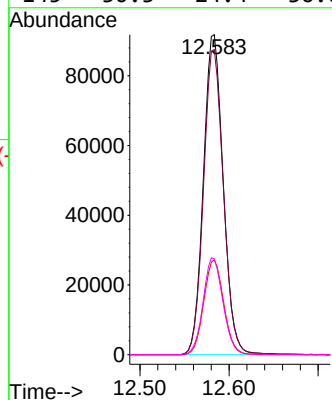
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

184 29.8 23.9 35.9

145 30.3 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 53.406 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

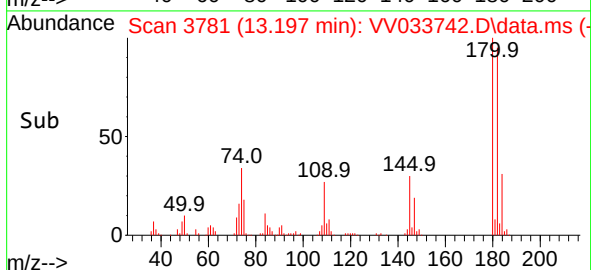
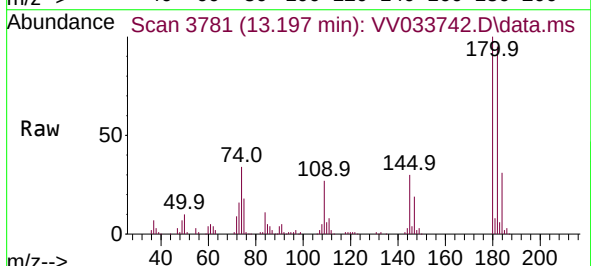
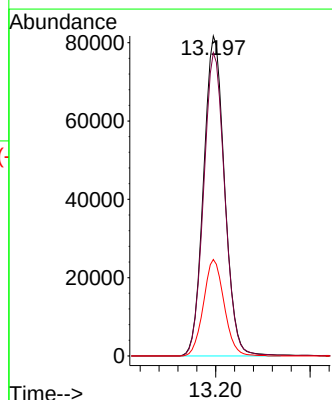
Tgt Ion:180 Resp: 126012

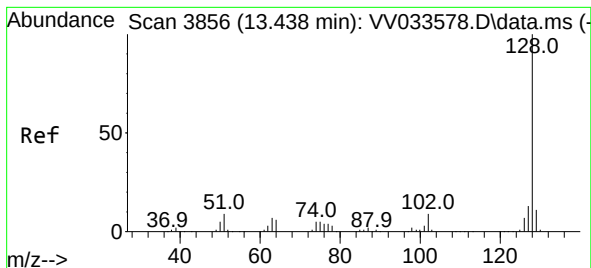
Ion Ratio Lower Upper

180 100

182 95.0 76.3 114.5

145 29.7 25.4 38.0





#71

Naphthalene

Concen: 45.792 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

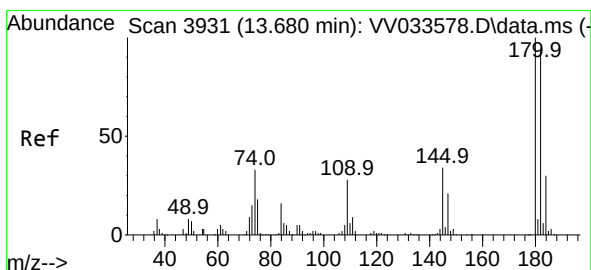
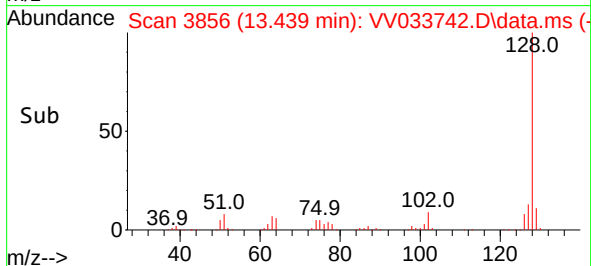
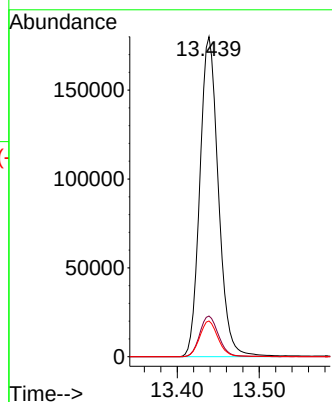
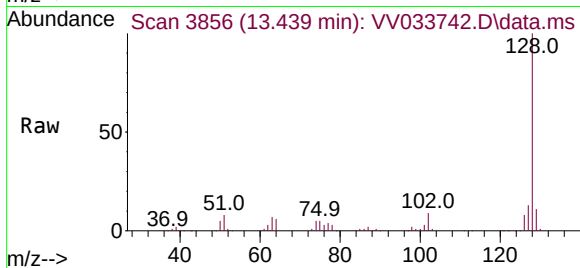
Tgt Ion:128 Resp: 282335

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 53.934 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV033742.D

Acq: 19 Jan 2024 08:52

Tgt Ion:180 Resp: 118779

Ion Ratio Lower Upper

180 100

182 94.2 76.0 114.0

145 32.1 26.3 39.5

