

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011024\
 Data File : VV033576.D
 Acq On : 10 Jan 2024 21:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 11 00:55:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:32:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	328893	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	309036	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	157903	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	121297	47.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.980%
7) Chloroethane-d5	1.529	69	92682	46.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.060	65	50610	46.523	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.040%
21) 2-Butanone-d5	3.783	46	166185	95.852	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.850%
24) Chloroform-d	4.249	84	207671	45.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.900%
26) 1,2-Dichloroethane-d4	4.941	65	137462	47.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.140%
32) Benzene-d6	4.960	84	414068	47.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.260%
36) 1,2-Dichloropropane-d6	5.989	67	134168	46.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.780%
41) Toluene-d8	7.243	98	374113	47.261	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.520%
43) trans-1,3-Dichloroprop...	7.551	79	66738	46.694	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.380%
47) 2-Hexanone-d5	8.021	63	119767	99.841	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.840%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	169392	45.881	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.760%
66) 1,2-Dichlorobenzene-d4	11.561	152	141834	47.343	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	125122	45.730	ug/L	100
3) Chloromethane	1.214	50	149782	48.141	ug/L	98
5) Vinyl chloride	1.285	62	143039	48.057	ug/L	99
6) Bromomethane	1.481	94	77399	49.755	ug/L	100
8) Chloroethane	1.545	64	85156	47.980	ug/L	99
9) Trichlorofluoromethane	1.712	101	175315	49.359	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	101150	48.337	ug/L	100
12) 1,1-Dichloroethene	2.069	96	96817	49.050	ug/L	96
13) Acetone	2.108	43	137103	82.708	ug/L	99
14) Carbon disulfide	2.240	76	323930	48.285	ug/L	100
15) Methyl Acetate	2.372	43	139660	51.522	ug/L #	100
16) Methylene chloride	2.445	84	117753	48.901	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	105200	47.712	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	395725	49.902	ug/L	100
19) 1,1-Dichloroethane	3.111	63	225351	49.992	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	120627	49.156	ug/L	98
22) 2-Butanone	3.863	43	187856	93.307	ug/L	95
23) Bromochloromethane	4.150	128	58050	48.694	ug/L	97
25) Chloroform	4.275	83	216143	50.573	ug/L	100

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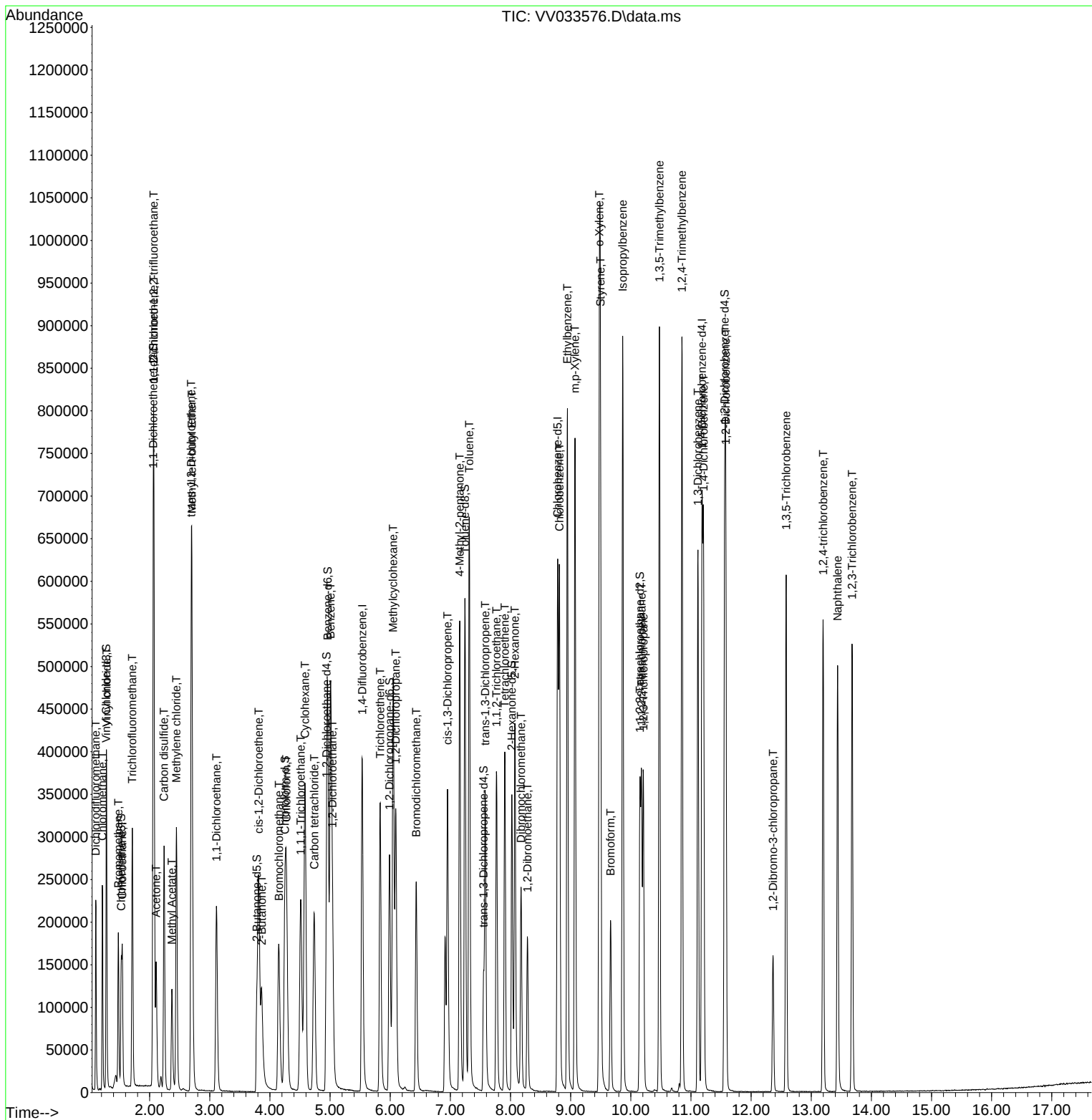
Instrument :
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 ClientSampleId :

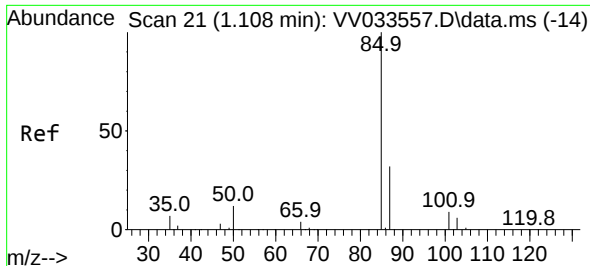
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	177369	49.687	ug/L	99
29) Cyclohexane	4.584	56	217185	49.851	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	185806	50.101	ug/L	100
31) Carbon tetrachloride	4.738	117	159463	50.375	ug/L	100
33) Benzene	5.008	78	458904	50.558	ug/L	100
34) Trichloroethene	5.834	95	120935	49.669	ug/L	99
35) Methylcyclohexane	6.050	83	201529	48.364	ug/L	100
37) 1,2-Dichloropropane	6.092	63	128707	51.529	ug/L	100
38) Bromodichloromethane	6.432	83	166243	50.877	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	211133	50.619	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	379151	102.445	ug/L	100
42) Toluene	7.313	91	478333	49.852	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	192563	50.098	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	114401	50.479	ug/L	99
46) Tetrachloroethene	7.905	164	86426	48.394	ug/L	99
48) 2-Hexanone	8.072	43	284726	96.549	ug/L	98
49) Dibromochloromethane	8.175	129	117763	49.892	ug/L	99
50) 1,2-Dibromoethane	8.281	107	121655	50.796	ug/L	97
51) Chlorobenzene	8.815	112	301281	49.294	ug/L	99
52) Ethylbenzene	8.947	91	547531	49.268	ug/L	99
53) m,p-Xylene	9.072	106	202392	49.330	ug/L	99
54) o-Xylene	9.477	106	202024	49.737	ug/L	99
55) Styrene	9.497	104	347630	49.571	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	179102	49.658	ug/L	100
59) Bromoform	9.664	173	85434	50.907	ug/L	98
60) Isopropylbenzene	9.866	105	547703	51.266	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	145723	52.000	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	462541	50.460	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	465093	50.922	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	236782	49.067	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	236923	48.964	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	235444	49.933	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	41588	51.427	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	171338	48.047	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	155042	47.902	ug/L	99
71) Naphthalene	13.439	128	376485	44.514	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	146420	48.467	ug/L	99

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

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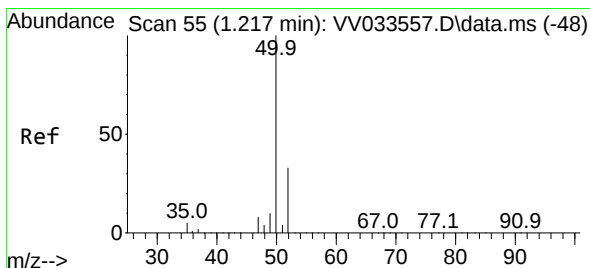
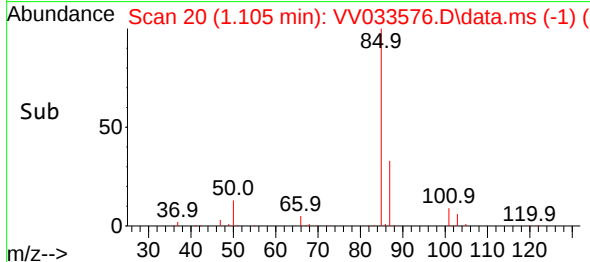
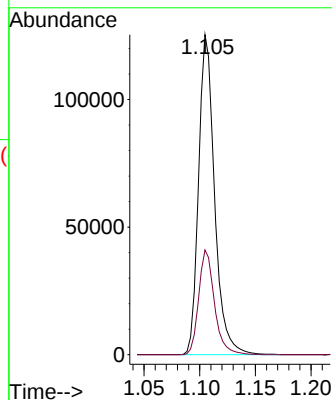
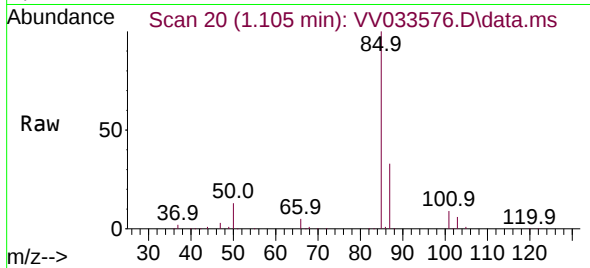




#2
Dichlorodifluoromethane
Concen: 45.730 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

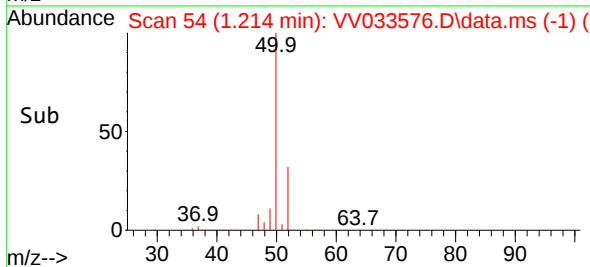
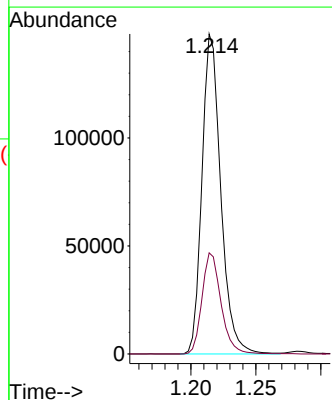
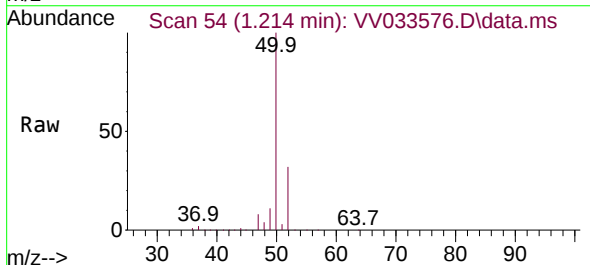
Instrument :
MSVOA_V
ClientSampleId :

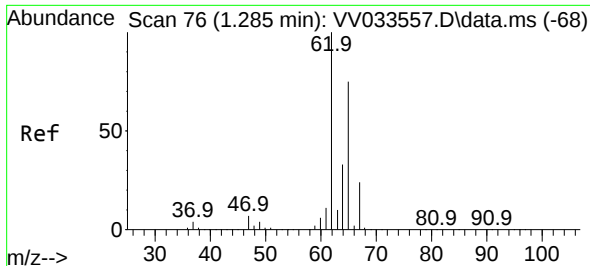
Tgt Ion: 85 Resp: 125122
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 48.141 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Tgt Ion: 50 Resp: 149782
Ion Ratio Lower Upper
50 100
52 31.6 22.8 42.4





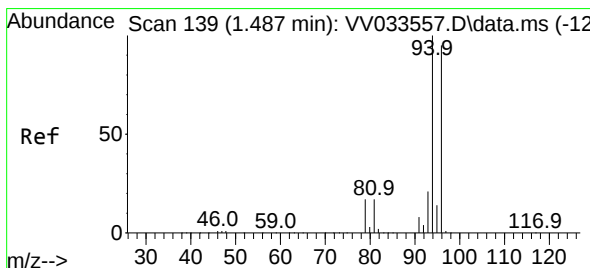
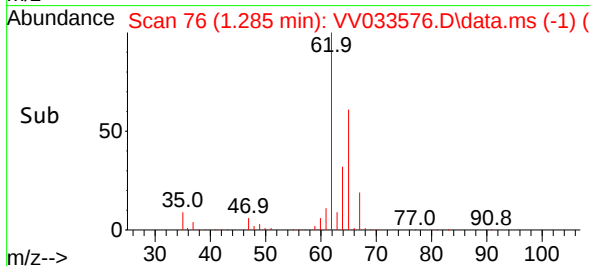
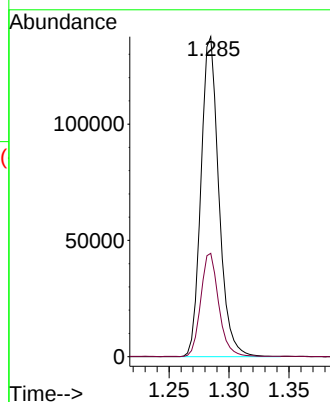
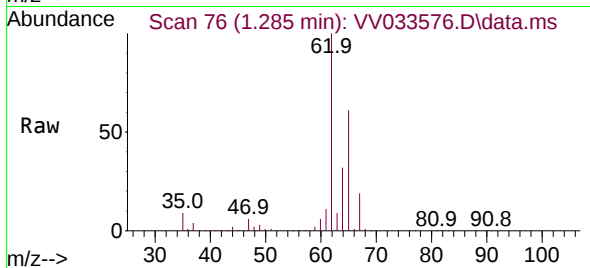
#5
 Vinyl chloride
 Concen: 48.057 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV033576.D
 Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

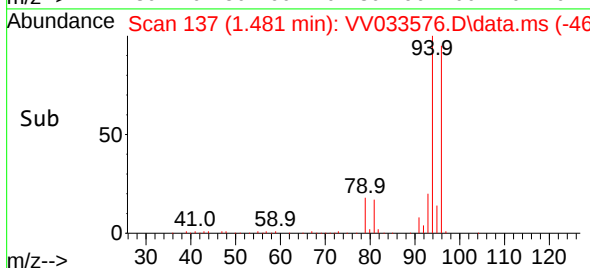
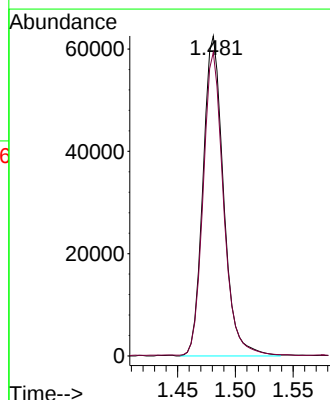
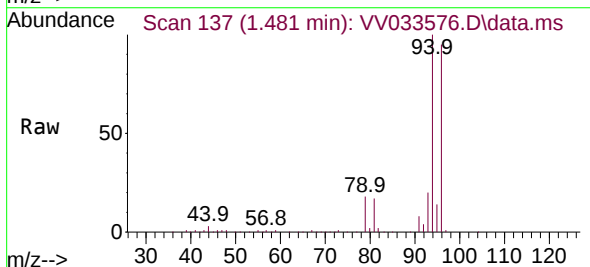
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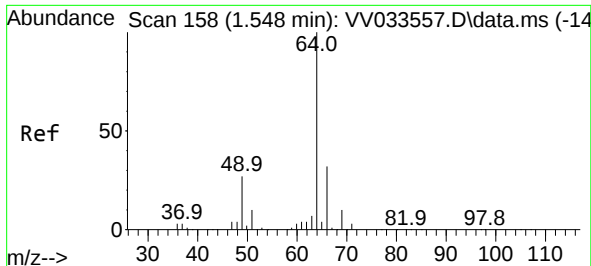
Tgt Ion: 62 Resp: 143039
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.2 43.0



#6
 Bromomethane
 Concen: 49.755 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.006 min
 Lab File: VV033576.D
 Acq: 10 Jan 2024 21:29

Tgt Ion: 94 Resp: 77399
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.4 123.2

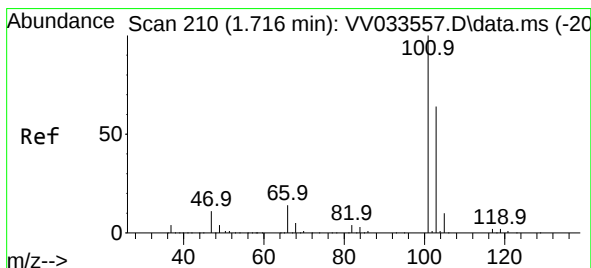
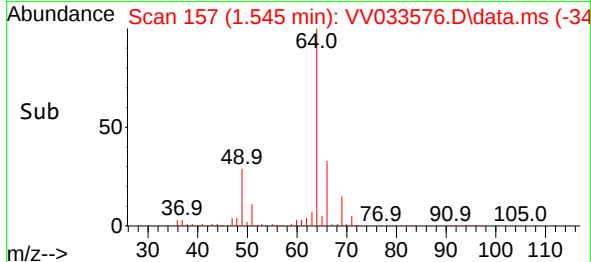
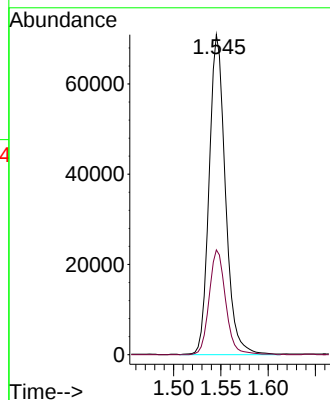
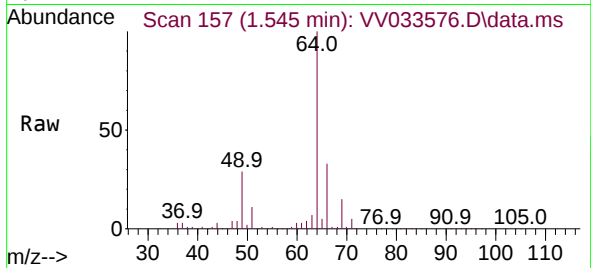




#8
Chloroethane
Concen: 47.980 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

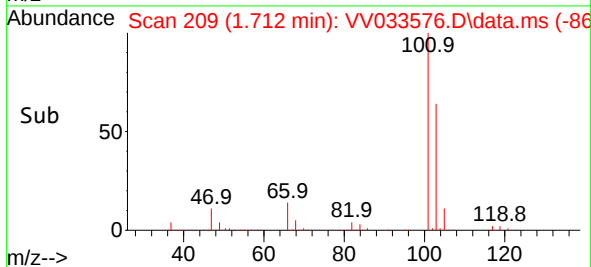
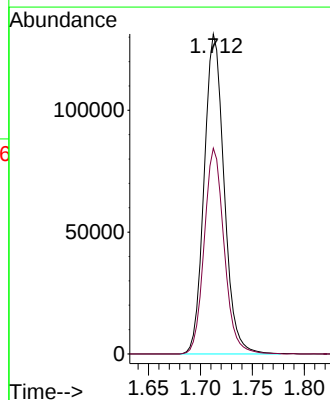
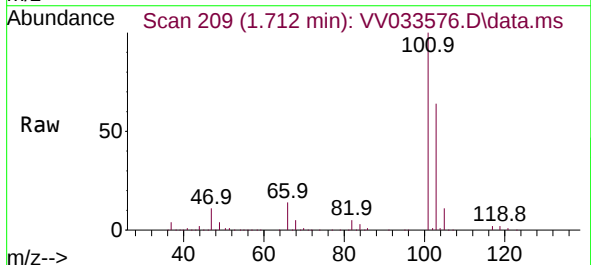
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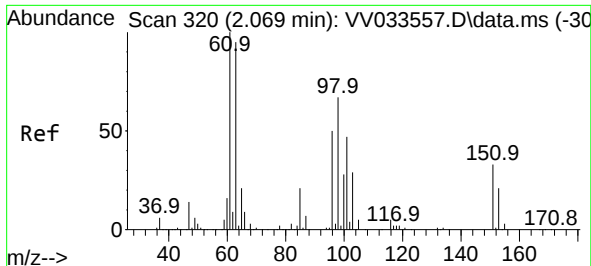
Tgt Ion: 64 Resp: 85156
Ion Ratio Lower Upper
64 100
66 32.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 49.359 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Tgt Ion:101 Resp: 175315
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

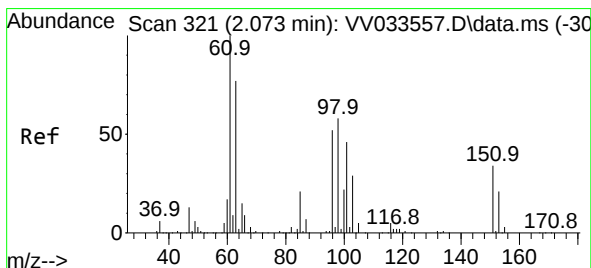
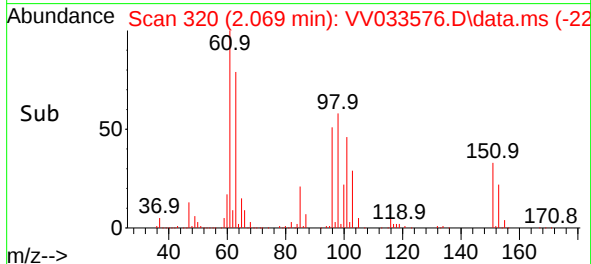
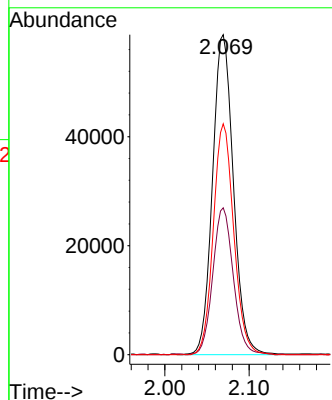
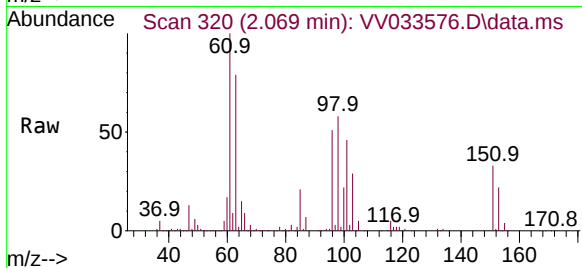




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.337 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033576.D
 Acq: 10 Jan 2024 21:29

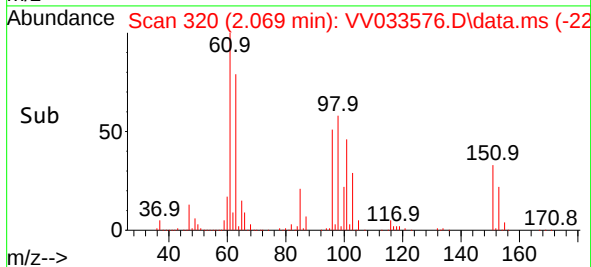
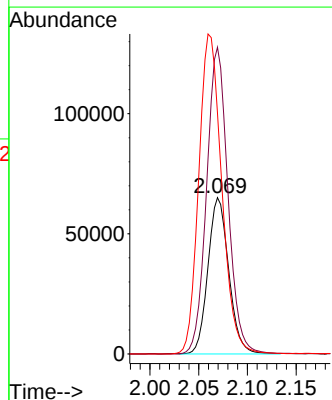
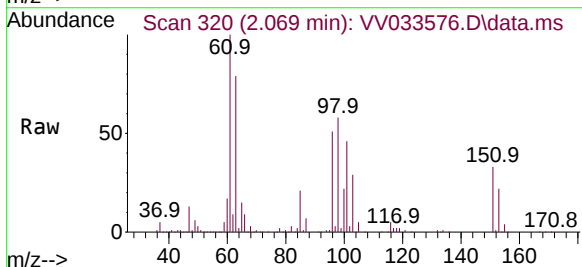
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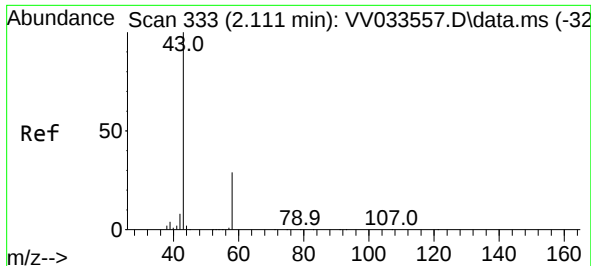
Tgt Ion:101 Resp: 101150
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.2 54.4
 151 70.6 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 49.050 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV033576.D
 Acq: 10 Jan 2024 21:29

Tgt Ion: 96 Resp: 96817
 Ion Ratio Lower Upper
 96 100
 61 196.2 134.0 248.8
 63 154.1 103.4 192.0





#13

Acetone

Concen: 82.708 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

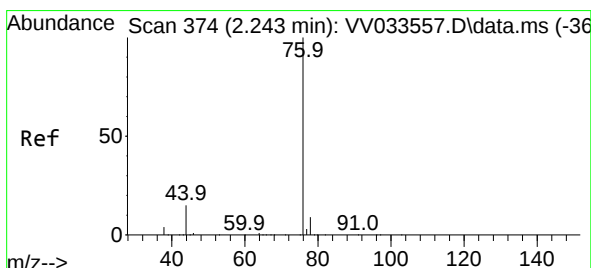
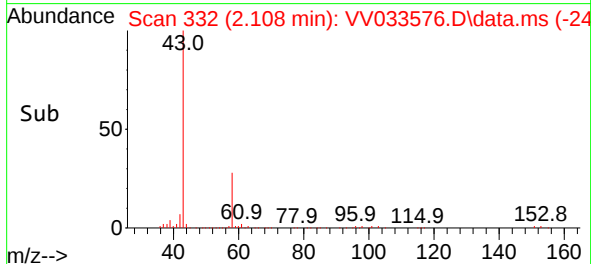
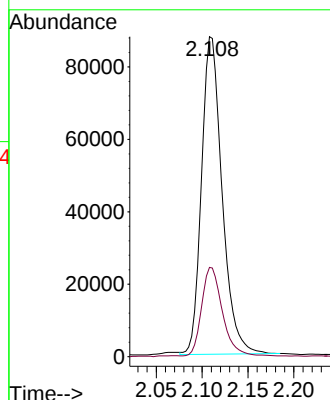
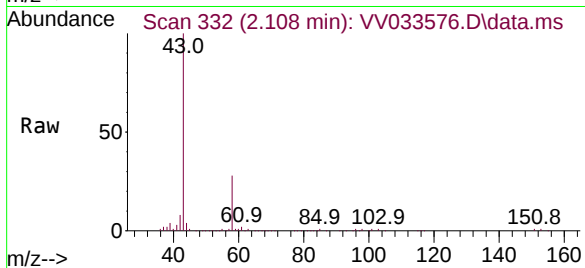
ClientSampleId :

Tgt Ion: 43 Resp: 137103

Ion Ratio Lower Upper

43 100

58 28.1 0.0 57.2



#14

Carbon disulfide

Concen: 48.285 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033576.D

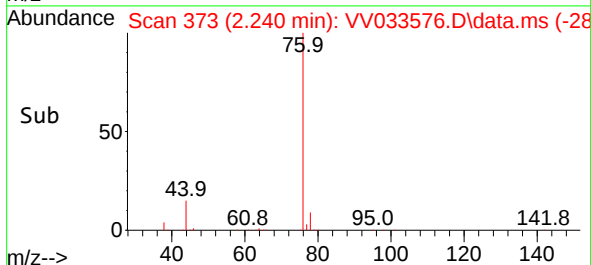
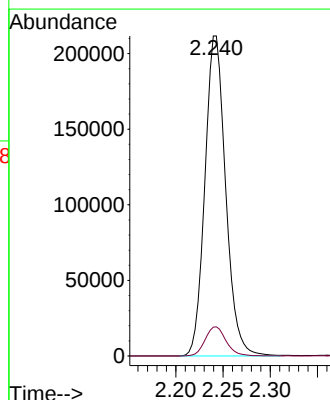
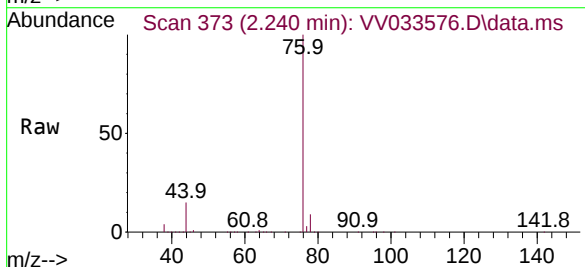
Acq: 10 Jan 2024 21:29

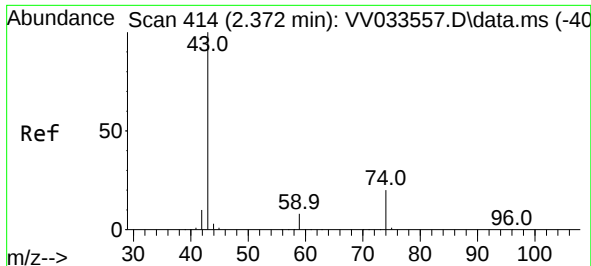
Tgt Ion: 76 Resp: 323930

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

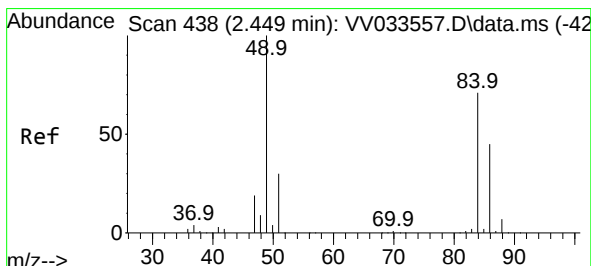
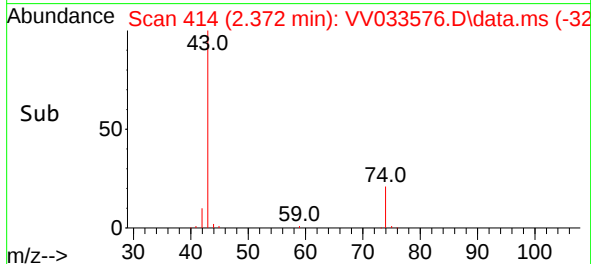
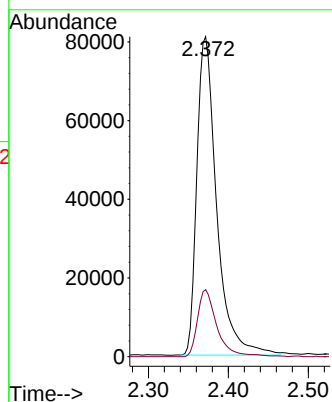
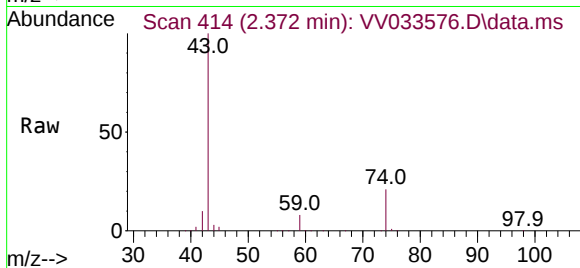




#15
Methyl Acetate
Concen: 51.522 ug/L
RT: 2.372 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

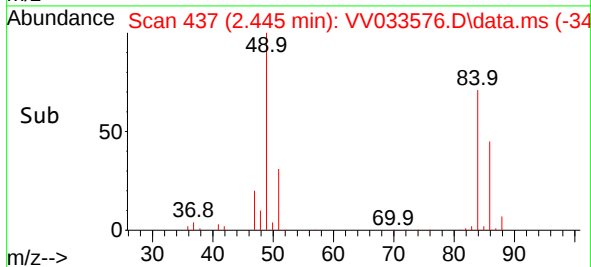
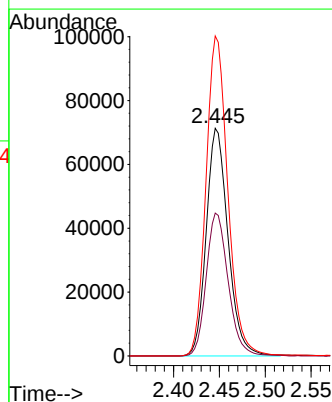
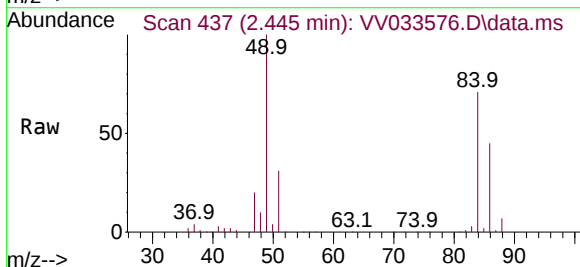
Instrument :
MSVOA_V
ClientSampleId :

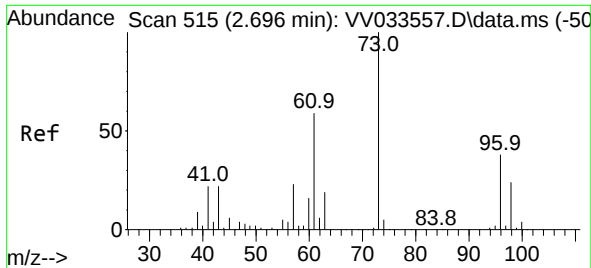
Tgt Ion: 43 Resp: 139660
Ion Ratio Lower Upper
43 100
74 20.6 0.0 0.0#



#16
Methylene chloride
Concen: 48.901 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Tgt Ion: 84 Resp: 117753
Ion Ratio Lower Upper
84 100
86 62.7 43.9 81.5
49 140.5 98.3 182.5





#17

trans-1,2-Dichloroethene

Concen: 47.712 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.003 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

ClientSampleId :

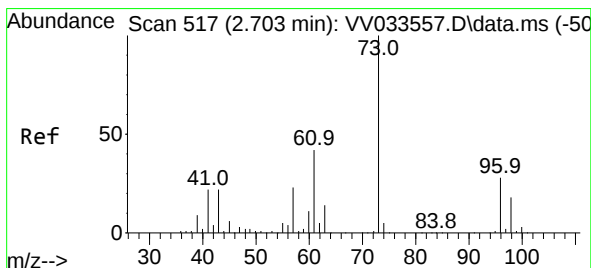
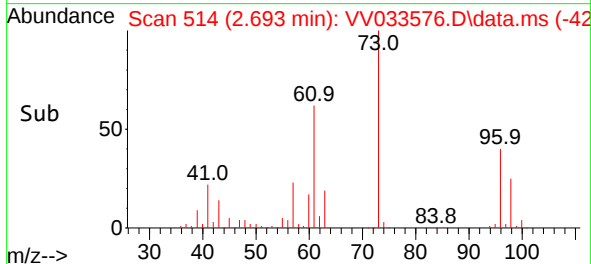
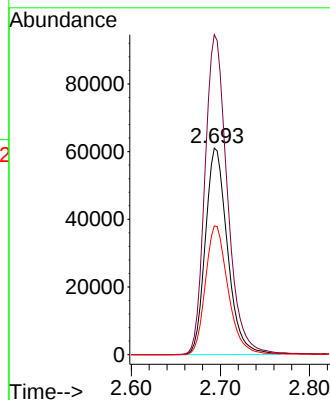
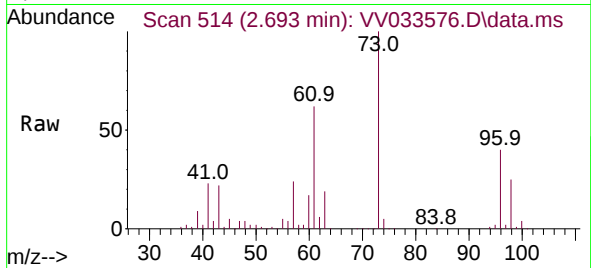
Tgt Ion: 96 Resp: 105200

Ion Ratio Lower Upper

96 100

61 154.9 108.4 201.4

98 62.4 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 49.902 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

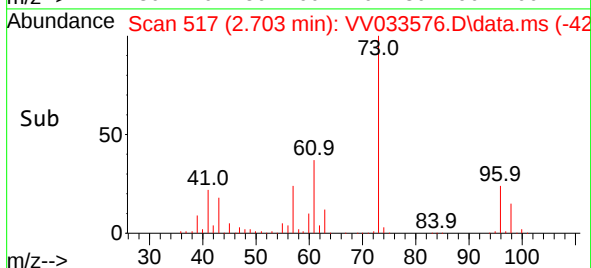
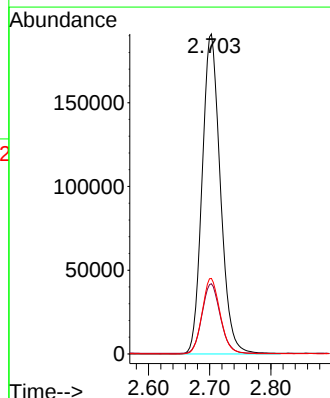
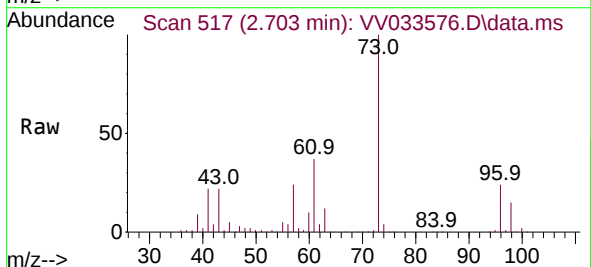
Tgt Ion: 73 Resp: 395725

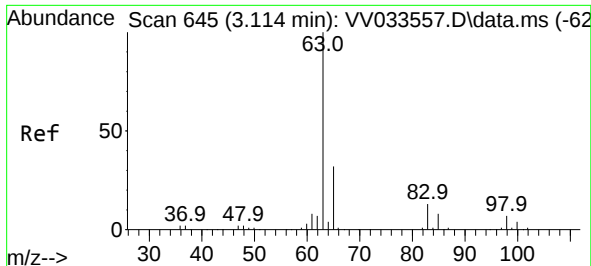
Ion Ratio Lower Upper

73 100

43 21.8 17.4 26.2

57 23.5 18.6 27.8





#19

1,1-Dichloroethane

Concen: 49.992 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

ClientSampleId :

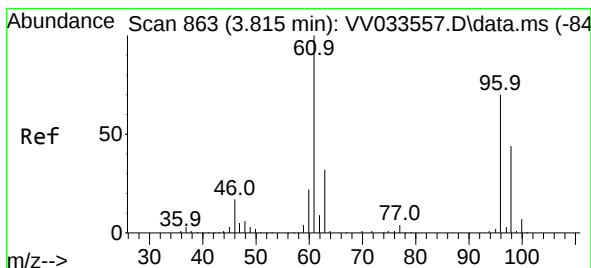
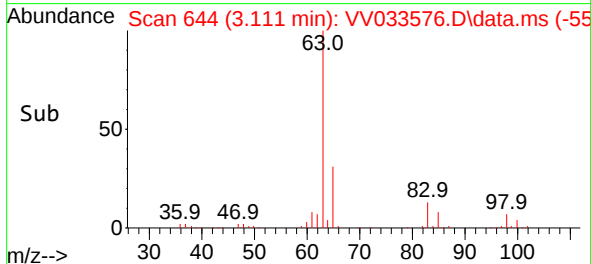
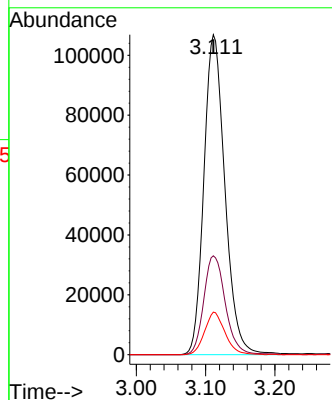
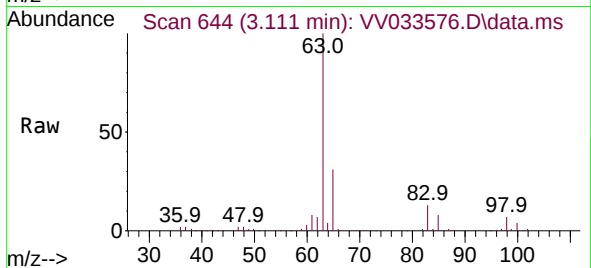
Tgt Ion: 63 Resp: 225351

Ion Ratio Lower Upper

63 100

65 30.9 22.4 41.6

83 13.3 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 49.156 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

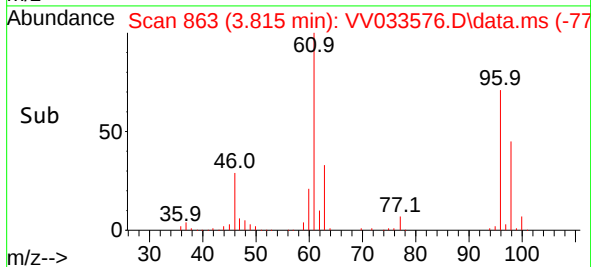
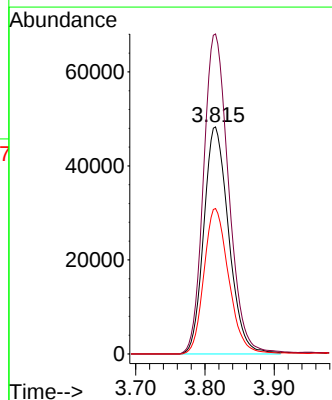
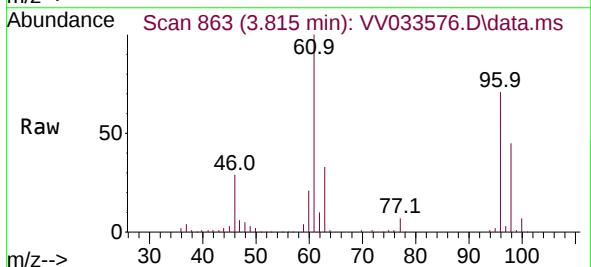
Tgt Ion: 96 Resp: 120627

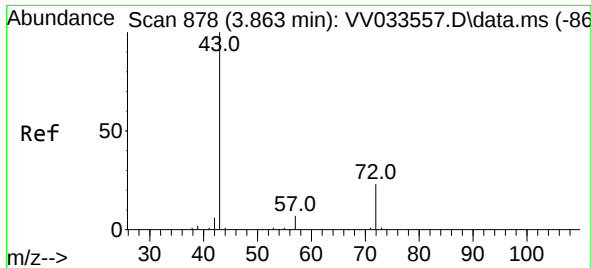
Ion Ratio Lower Upper

96 100

61 140.9 100.6 186.8

98 64.1 44.6 82.8

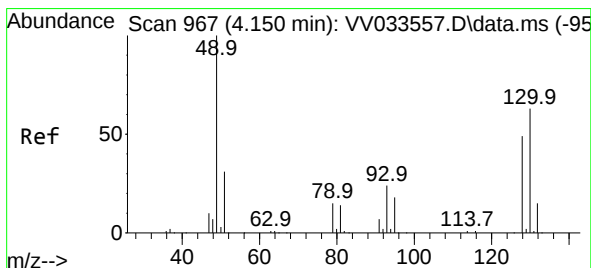
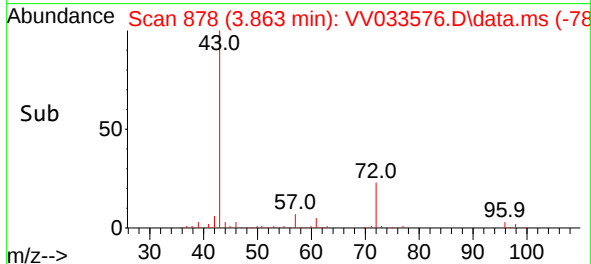
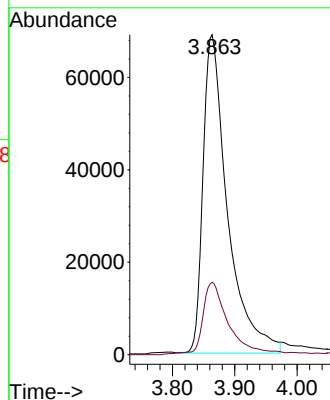
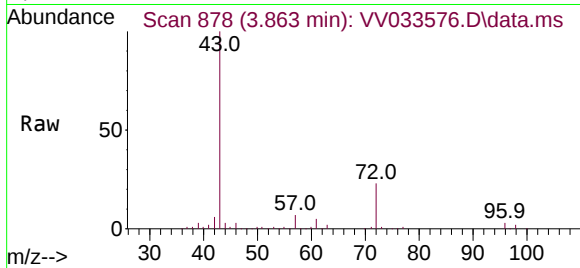




#22
2-Butanone
Concen: 93.307 ug/L
RT: 3.863 min Scan# 878
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

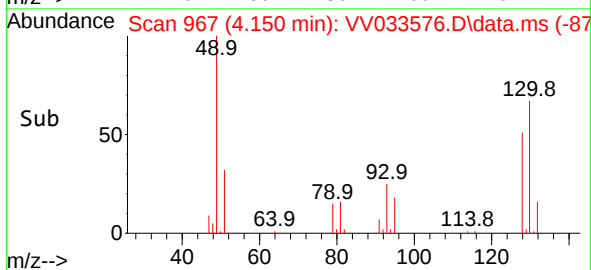
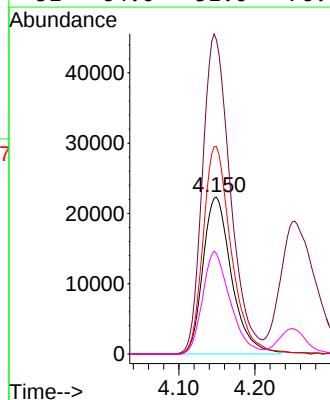
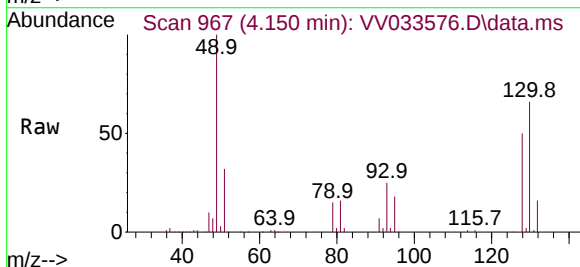
Instrument :
MSVOA_V
ClientSampleId :

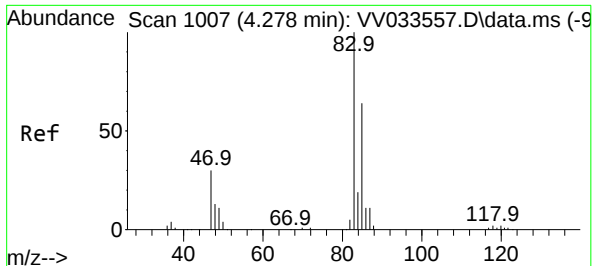
Tgt Ion: 43 Resp: 187856
Ion Ratio Lower Upper
43 100
72 21.4 11.9 35.5



#23
Bromochloromethane
Concen: 48.694 ug/L
RT: 4.150 min Scan# 967
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Tgt Ion: 128 Resp: 58050
Ion Ratio Lower Upper
128 100
49 200.1 143.9 267.2
130 132.1 90.6 168.2
51 64.0 51.0 76.6

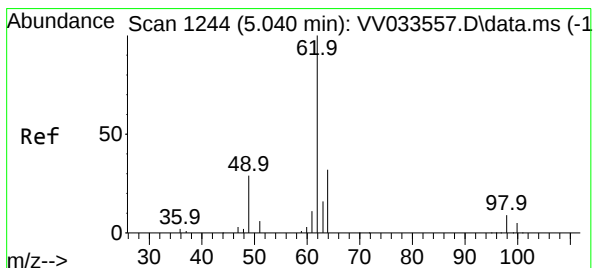
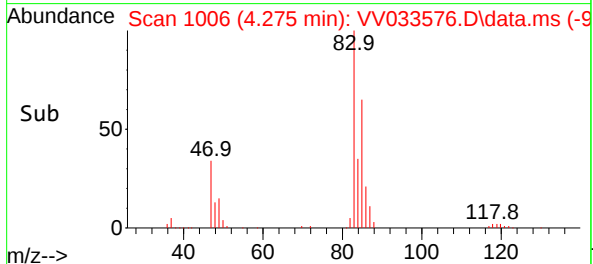
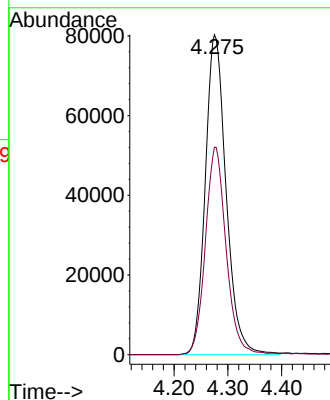
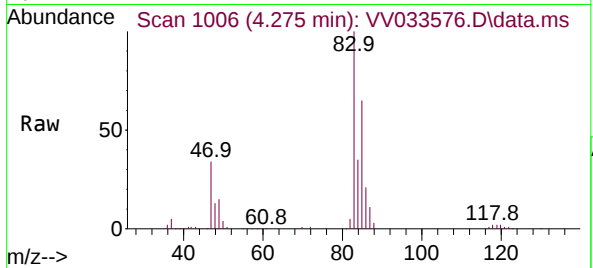




#25
Chloroform
Concen: 50.573 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.003 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

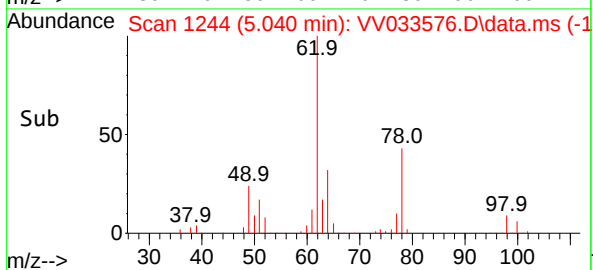
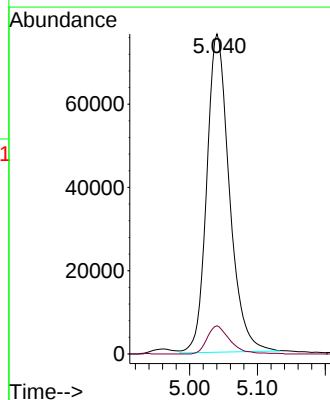
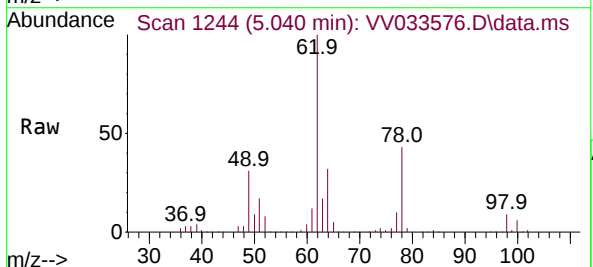
Instrument :
MSVOA_V
ClientSampleId :

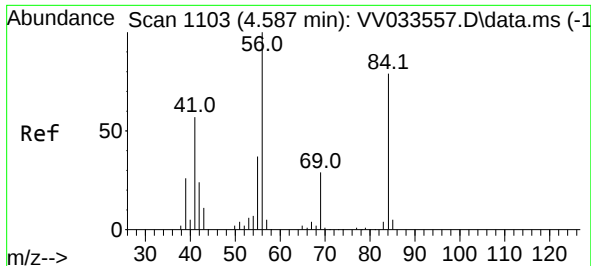
Tgt Ion: 83 Resp: 216143
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.9



#27
1,2-Dichloroethane
Concen: 49.687 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Tgt Ion: 62 Resp: 177369
Ion Ratio Lower Upper
62 100
98 8.8 6.8 10.2





#29

Cyclohexane

Concen: 49.851 ug/L

RT: 4.584 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

ClientSampleId :

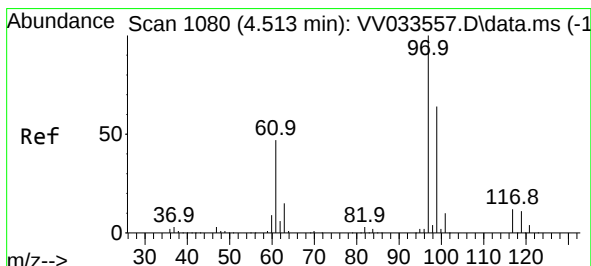
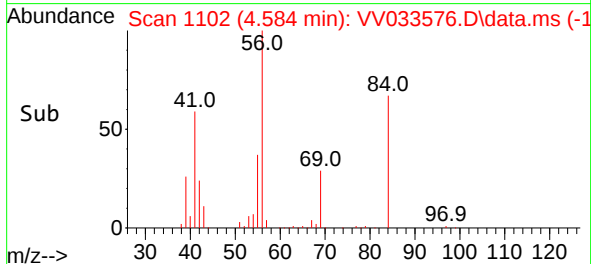
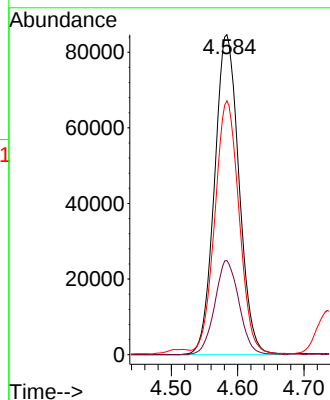
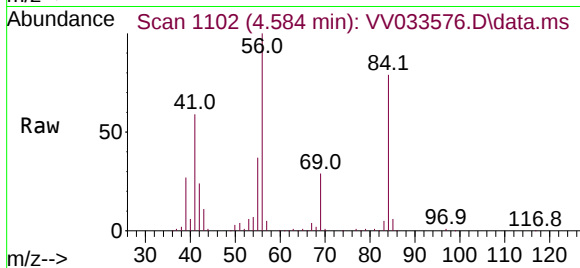
Tgt Ion: 56 Resp: 217185

Ion Ratio Lower Upper

56 100

69 29.2 23.8 35.6

84 78.2 63.8 95.6



#30

1,1,1-Trichloroethane

Concen: 50.101 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

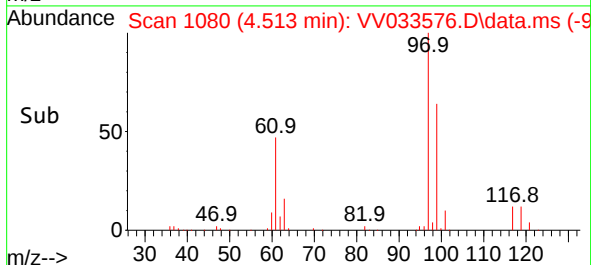
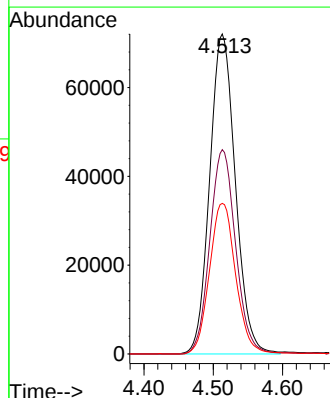
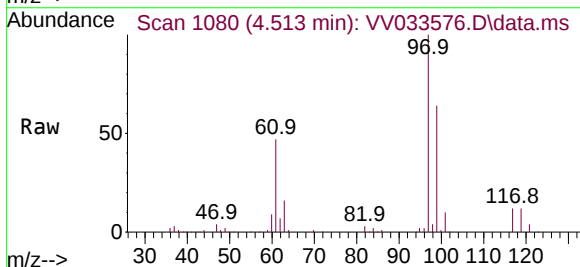
Tgt Ion: 97 Resp: 185806

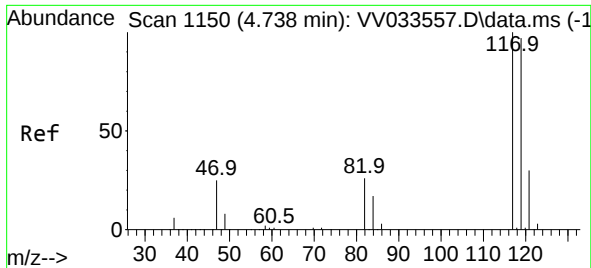
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 48.1 38.2 57.2

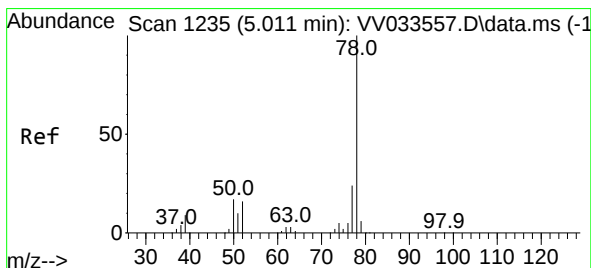
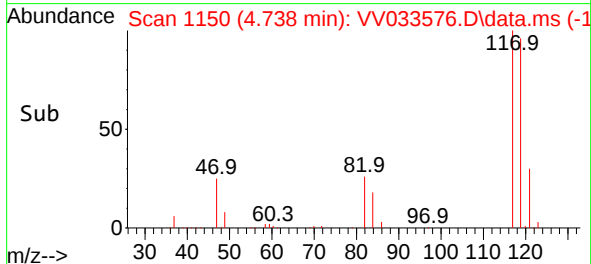
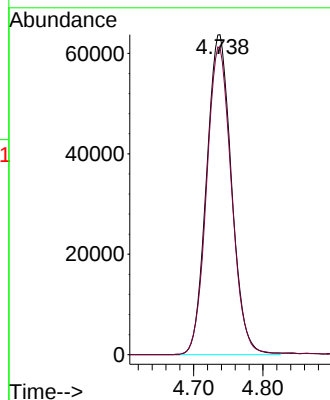
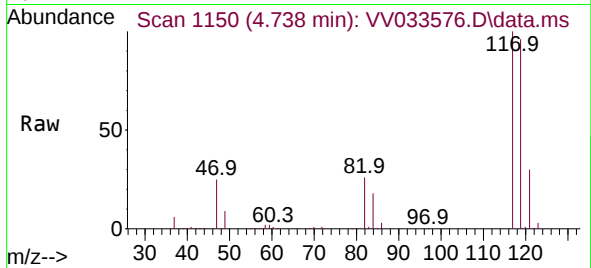




#31
Carbon tetrachloride
Concen: 50.375 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

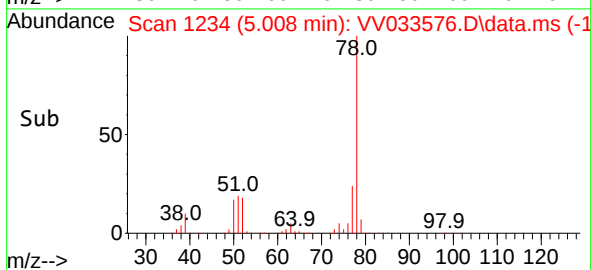
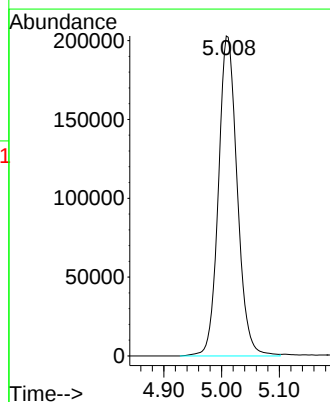
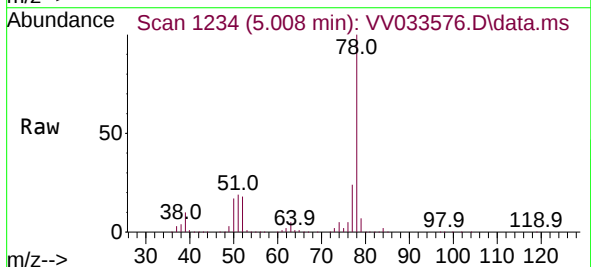
Instrument :
MSVOA_V
ClientSampleId :

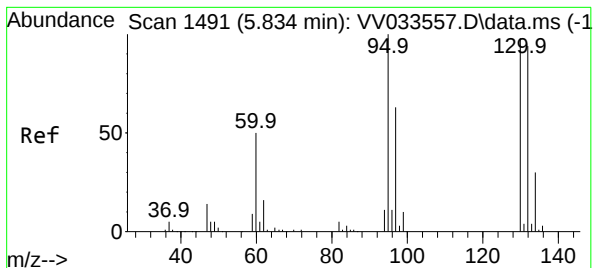
Tgt Ion:117 Resp: 159463
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.4



#33
Benzene
Concen: 50.558 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Tgt Ion: 78 Resp: 458904





#34

Trichloroethene

Concen: 49.669 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 120935

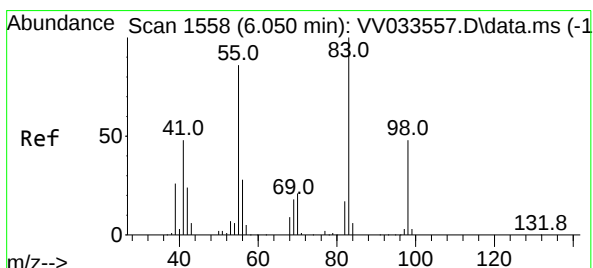
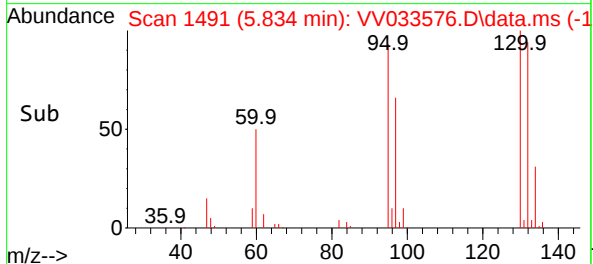
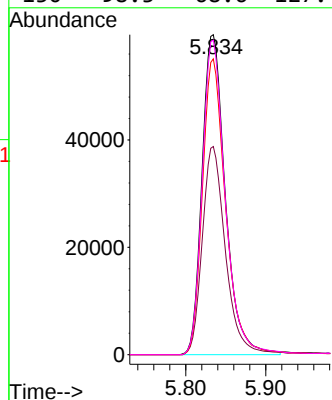
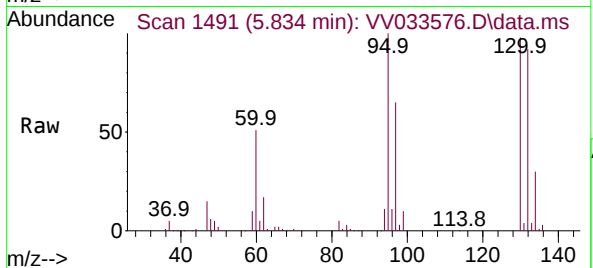
Ion Ratio Lower Upper

95 100

97 65.0 44.4 82.4

132 92.5 65.5 121.7

130 98.3 68.6 127.4



#35

Methylcyclohexane

Concen: 48.364 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

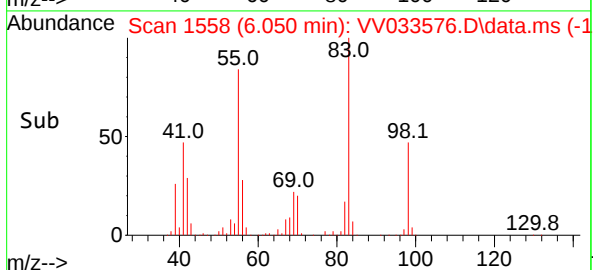
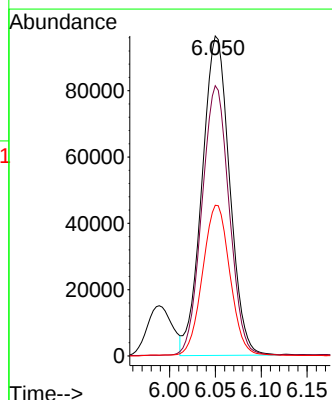
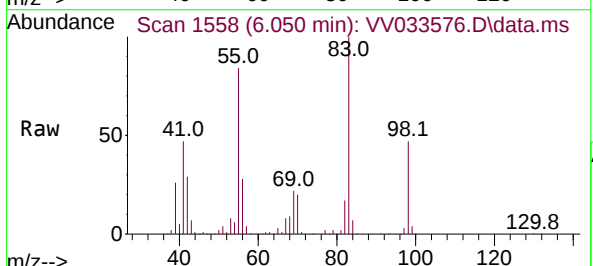
Tgt Ion: 83 Resp: 201529

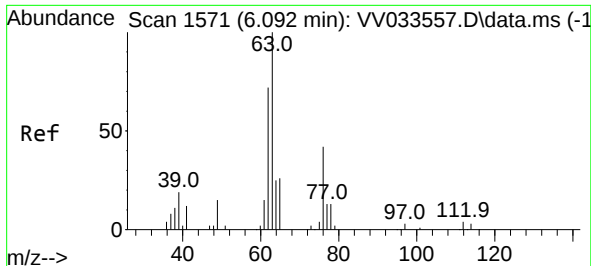
Ion Ratio Lower Upper

83 100

55 83.6 67.1 100.7

98 46.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 51.529 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

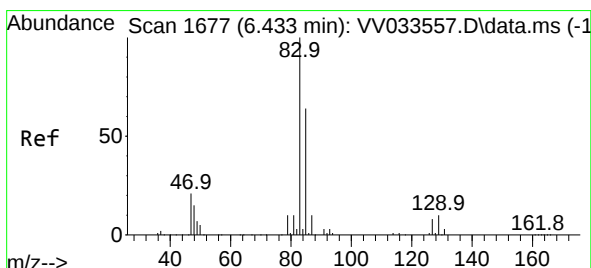
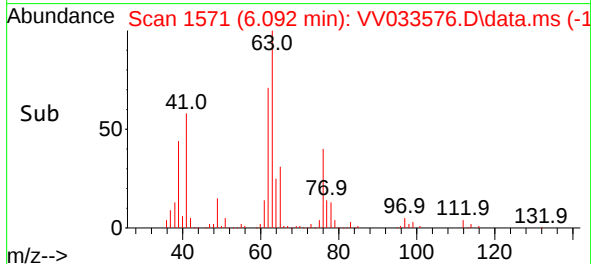
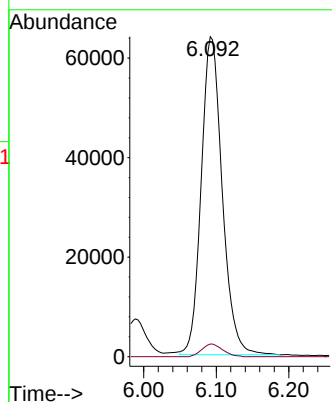
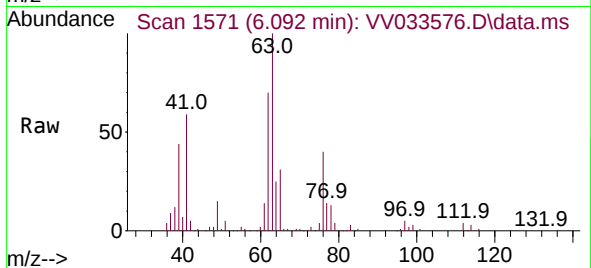
ClientSampleId :

Tgt Ion: 63 Resp: 128707

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 50.877 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

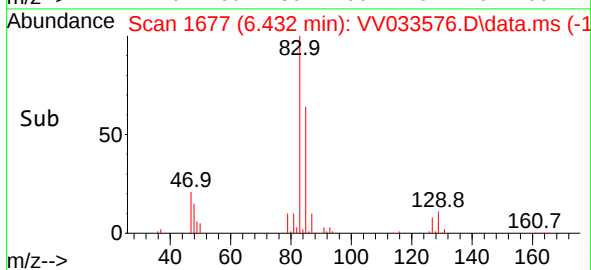
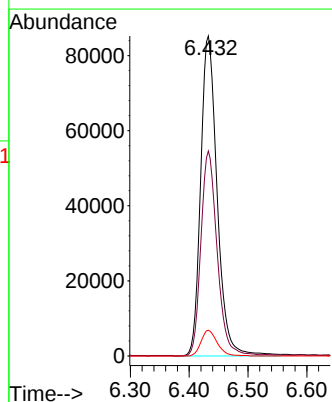
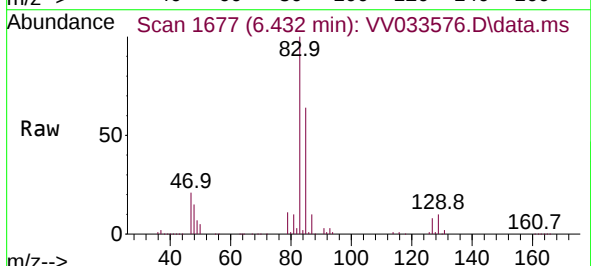
Tgt Ion: 83 Resp: 166243

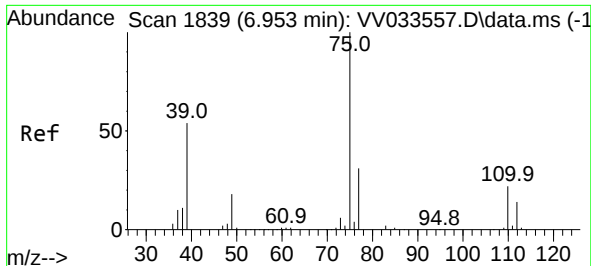
Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7

127 8.1 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 50.619 ug/L

RT: 6.953 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

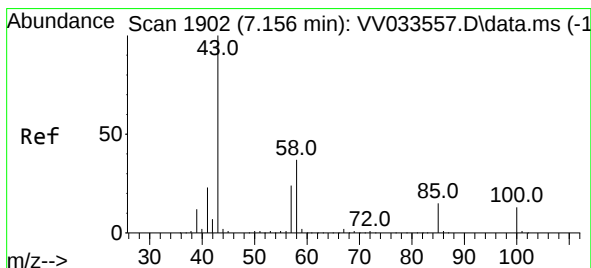
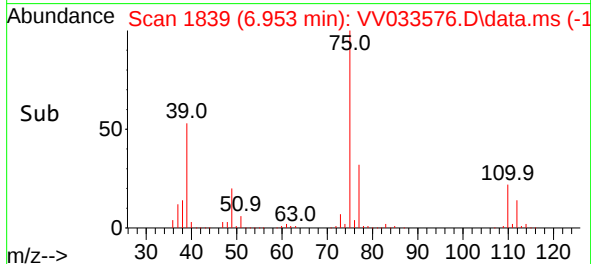
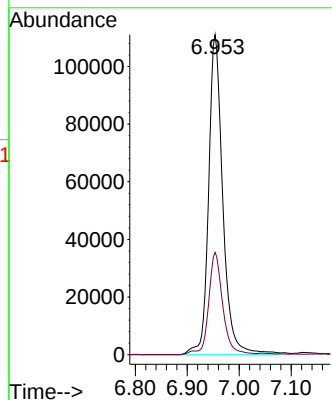
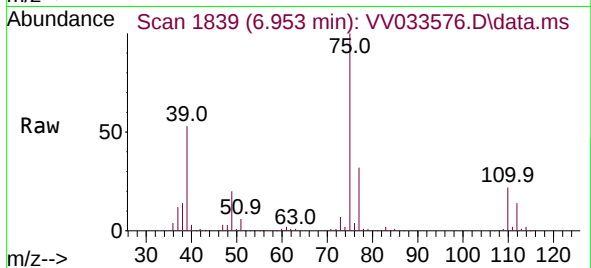
ClientSampleId :

Tgt Ion: 75 Resp: 211133

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 102.445 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

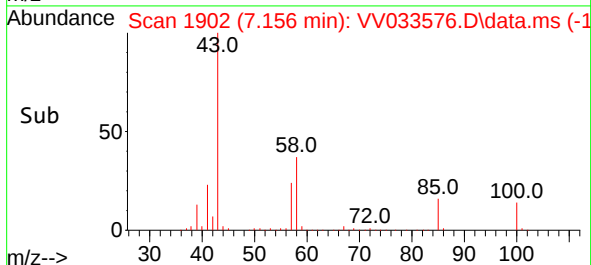
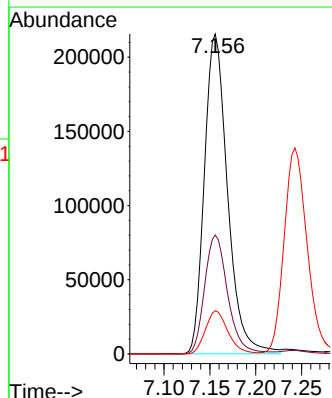
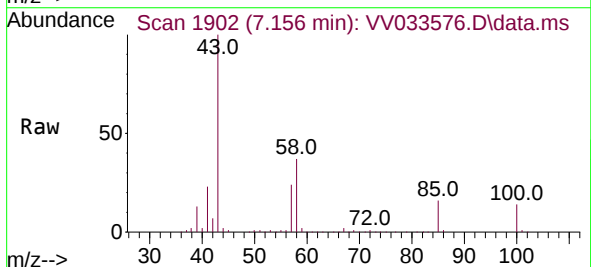
Tgt Ion: 43 Resp: 379151

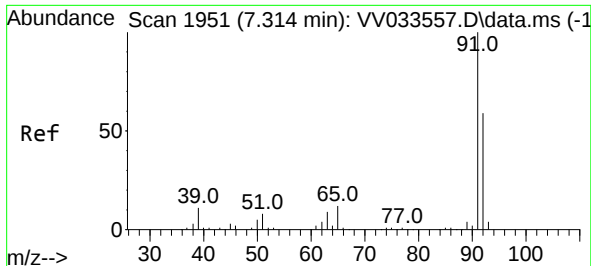
Ion Ratio Lower Upper

43 100

58 37.1 29.6 44.4

100 13.2 10.6 16.0





#42

Toluene

Concen: 49.852 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

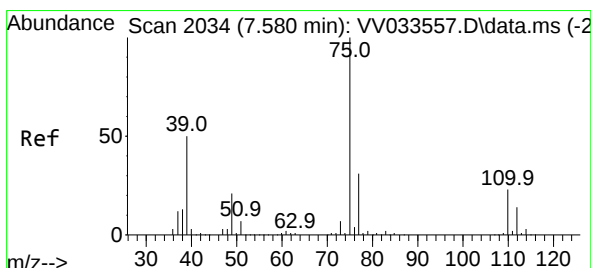
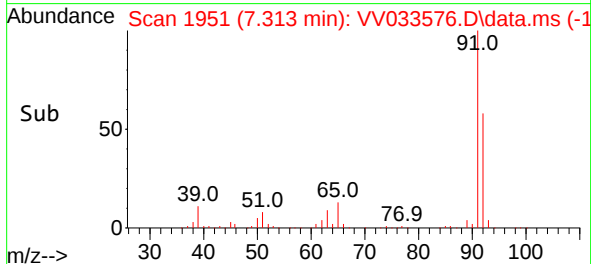
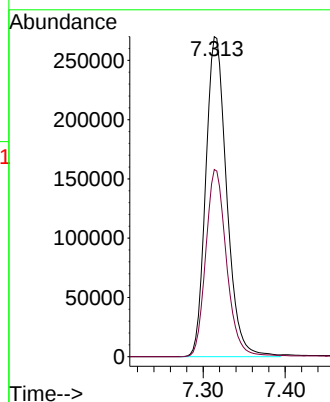
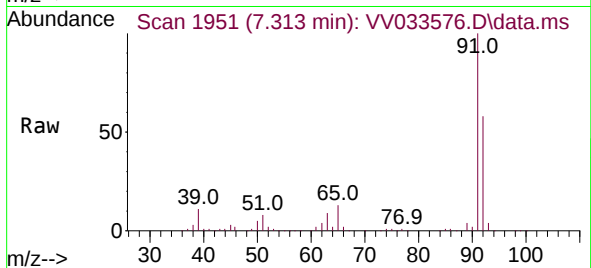
ClientSampleId :

Tgt Ion: 91 Resp: 478333

Ion Ratio Lower Upper

91 100

92 58.5 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 50.098 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033576.D

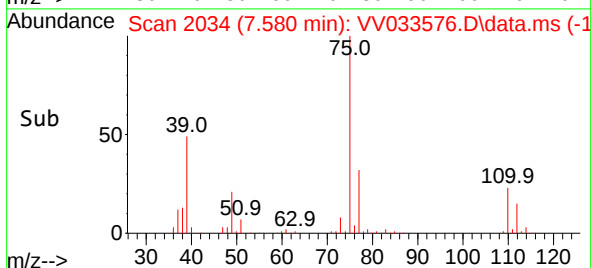
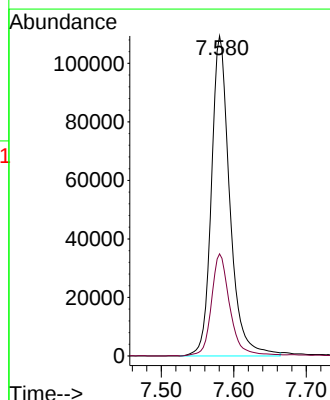
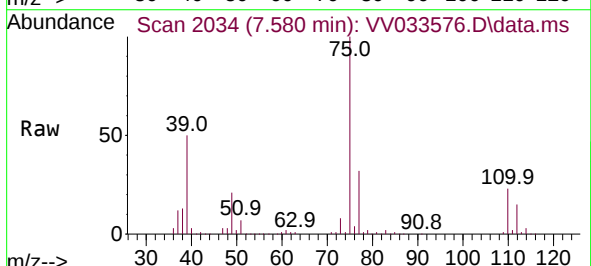
Acq: 10 Jan 2024 21:29

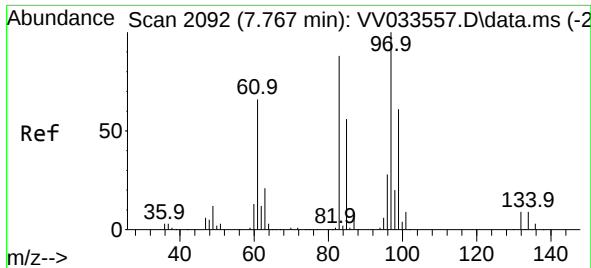
Tgt Ion: 75 Resp: 192563

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.0



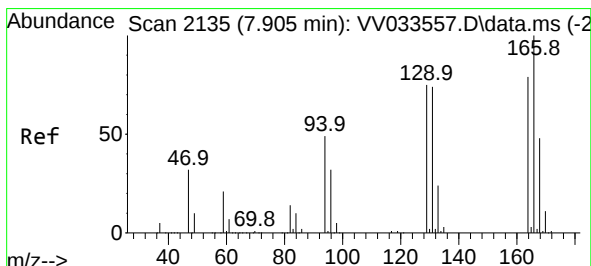
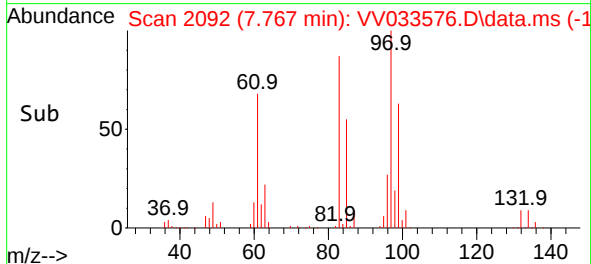
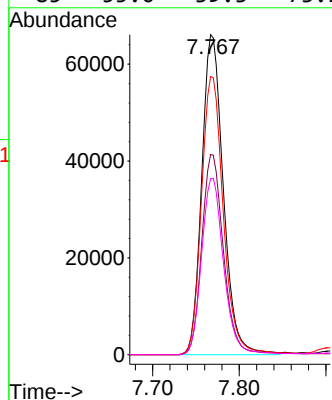
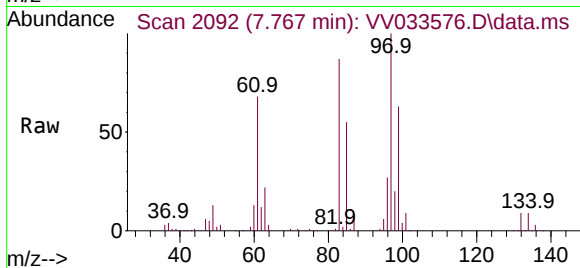


#45
1,1,2-Trichloroethane
Concen: 50.479 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 114401

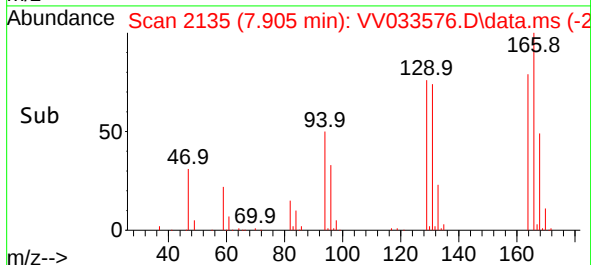
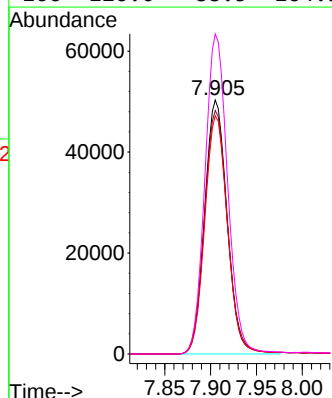
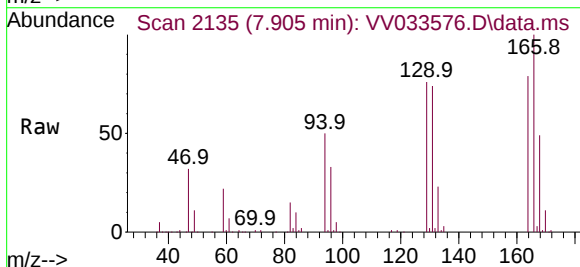
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.8	79.6
83	86.9	61.2	113.8
85	55.0	39.3	73.1

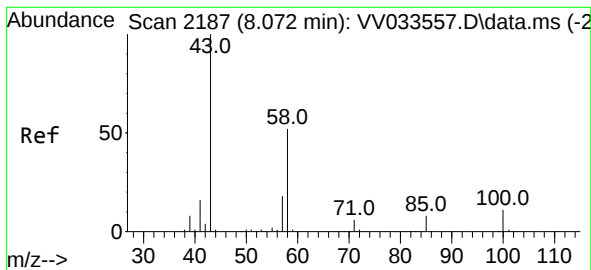


#46
Tetrachloroethene
Concen: 48.394 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Tgt Ion: 164 Resp: 86426

Ion	Ratio	Lower	Upper
164	100		
129	95.9	66.1	122.7
131	93.9	65.9	122.5
166	126.0	88.5	164.3





#48

2-Hexanone

Concen: 96.549 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 284726

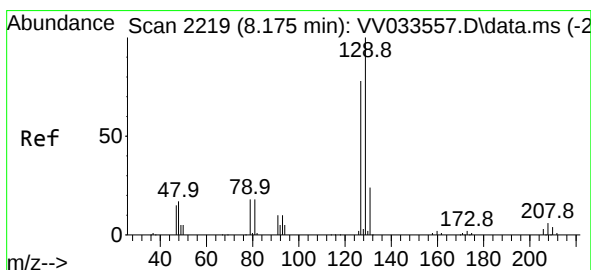
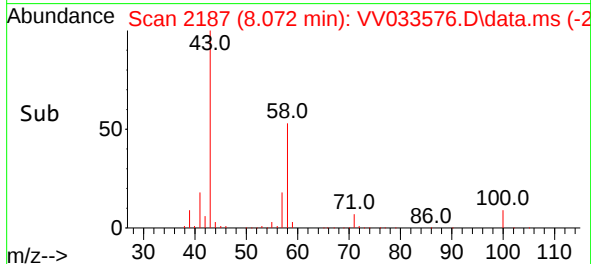
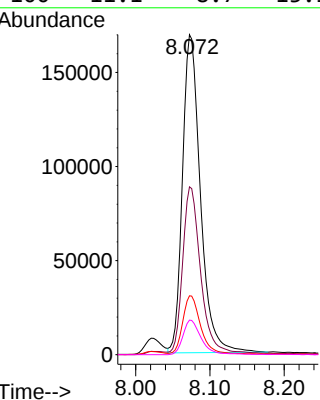
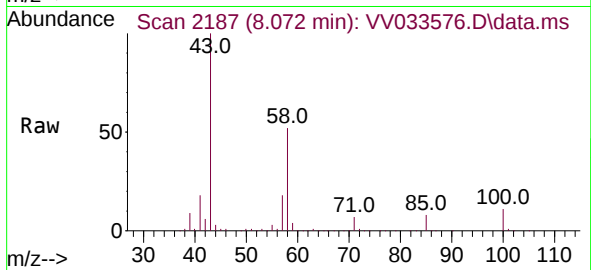
Ion Ratio Lower Upper

43 100

58 51.1 42.3 63.5

57 18.1 14.2 21.2

100 11.1 8.7 13.1



#49

Dibromochloromethane

Concen: 49.892 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV033576.D

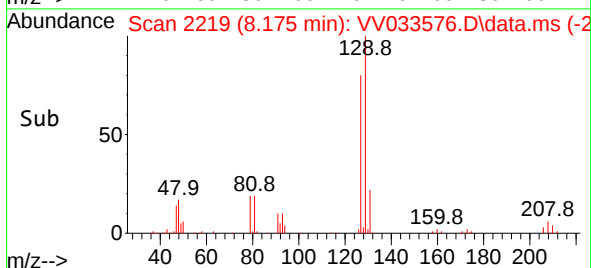
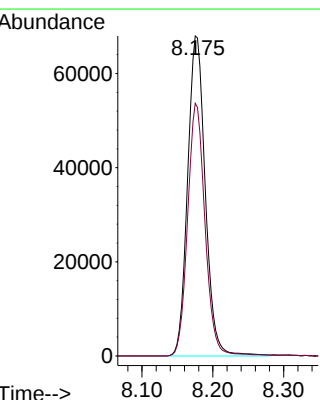
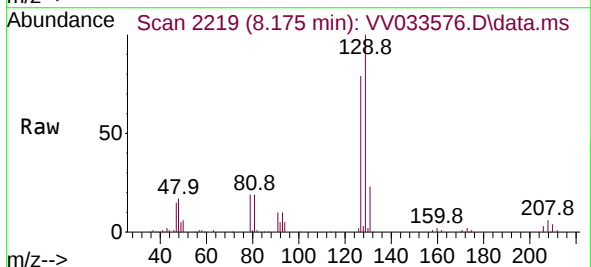
Acq: 10 Jan 2024 21:29

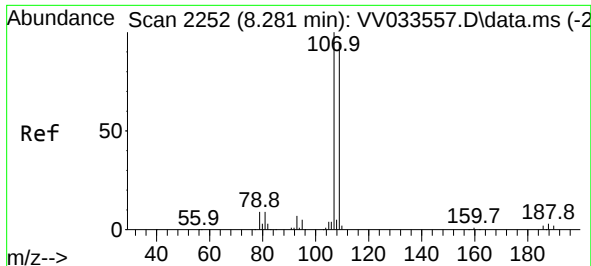
Tgt Ion: 129 Resp: 117763

Ion Ratio Lower Upper

129 100

127 78.9 54.5 101.3





#50

1,2-Dibromoethane

Concen: 50.796 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

ClientSampleId :

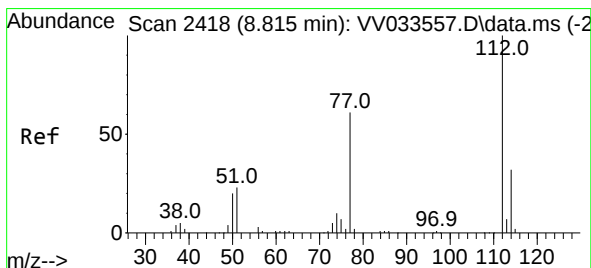
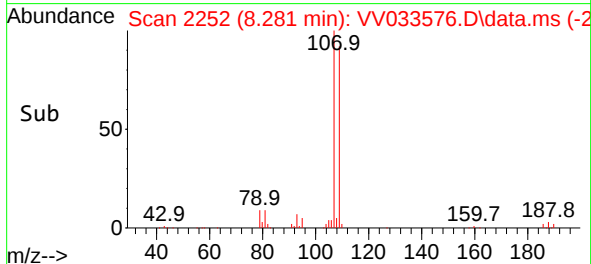
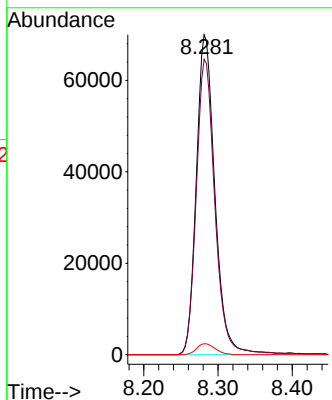
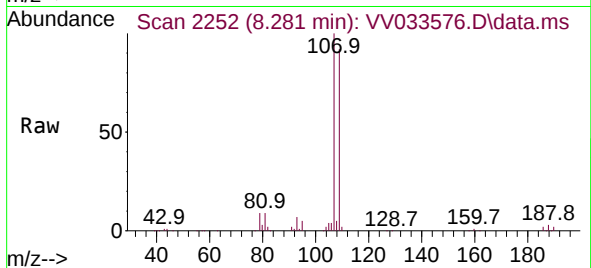
Tgt Ion:107 Resp: 121655

Ion Ratio Lower Upper

107 100

109 92.3 66.4 123.4

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 49.294 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

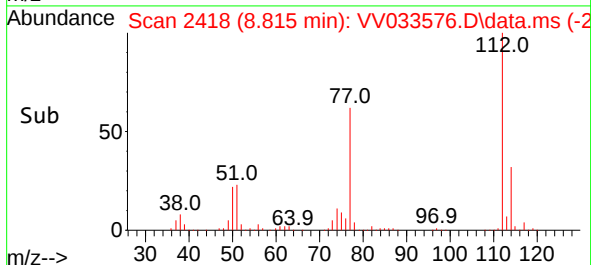
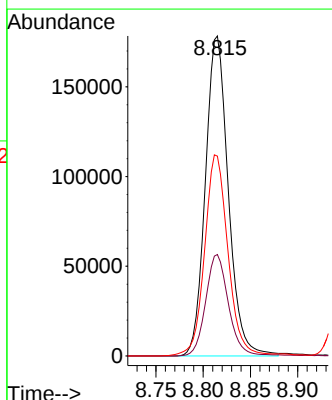
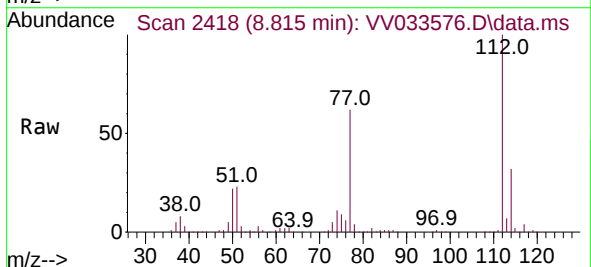
Tgt Ion:112 Resp: 301281

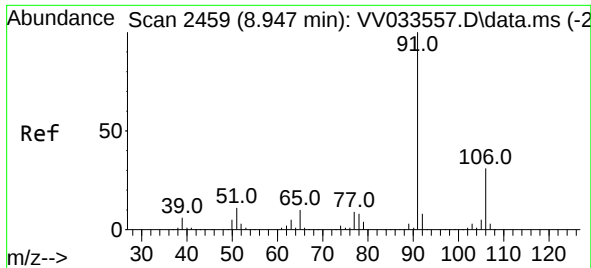
Ion Ratio Lower Upper

112 100

114 31.7 22.5 41.7

77 62.4 49.4 74.0

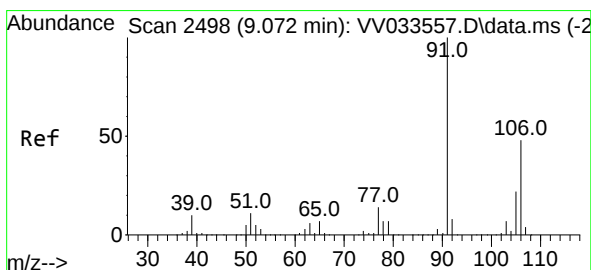
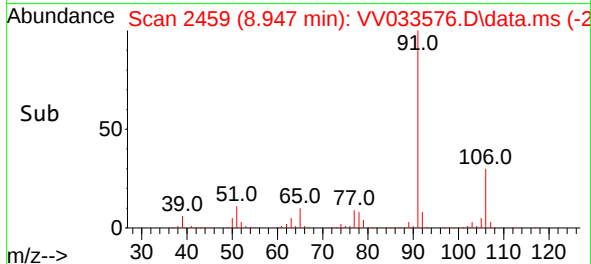
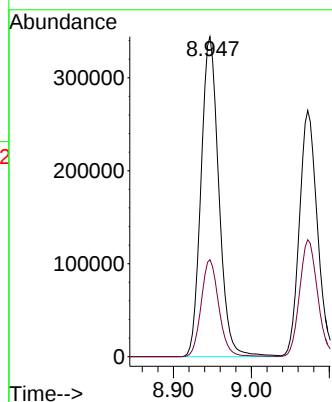
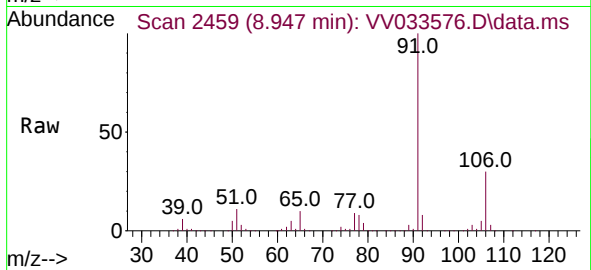




#52
Ethylbenzene
Concen: 49.268 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

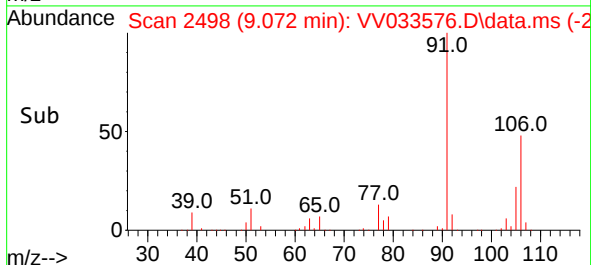
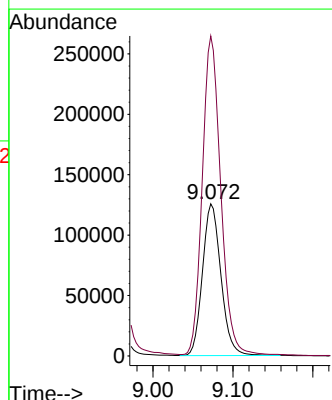
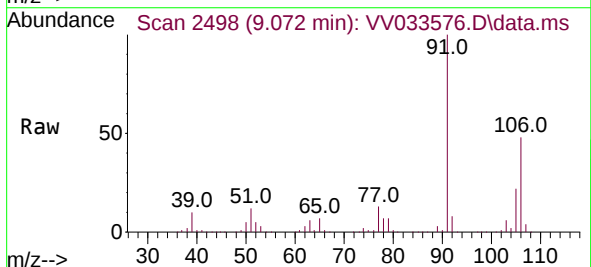
Instrument :
MSVOA_V
ClientSampleId :

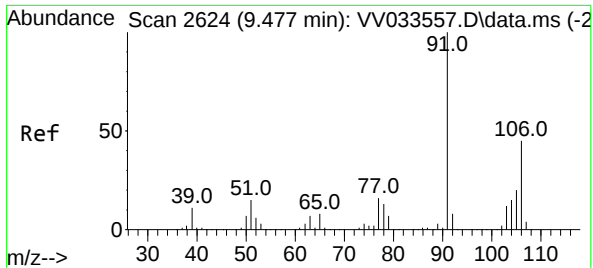
Tgt Ion: 91 Resp: 547531
Ion Ratio Lower Upper
91 100
106 30.3 21.5 39.9



#53
m,p-Xylene
Concen: 49.330 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Tgt Ion: 106 Resp: 202392
Ion Ratio Lower Upper
106 100
91 210.4 146.1 271.3

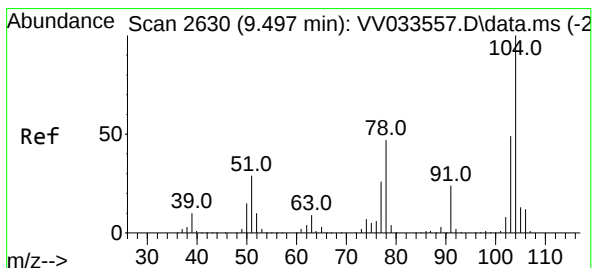
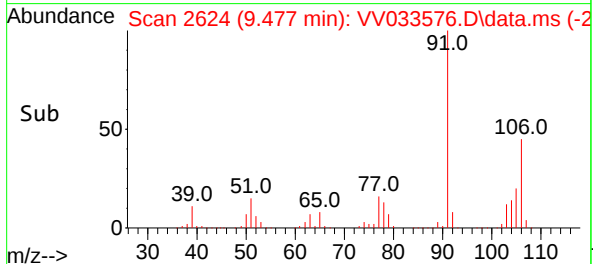
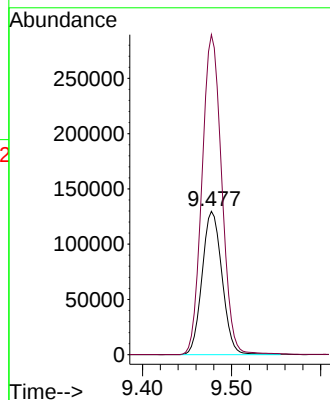
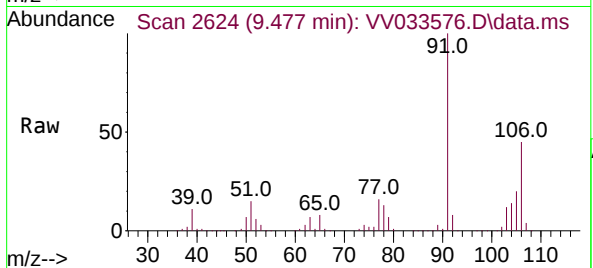




#54
o-Xylene
Concen: 49.737 ug/L
RT: 9.477 min Scan# 202024
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

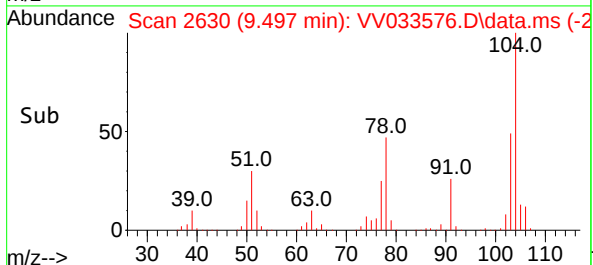
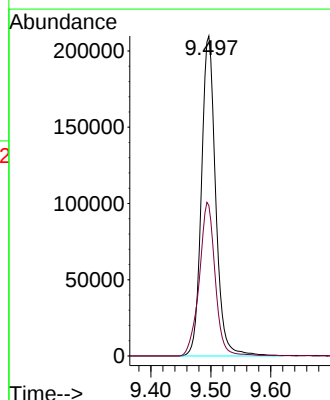
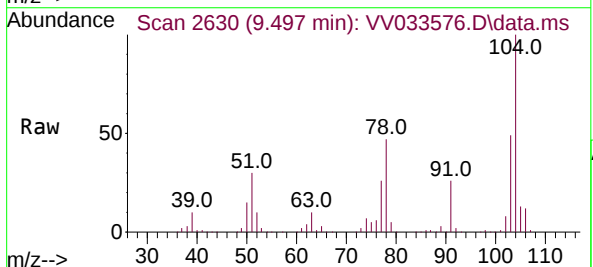
Instrument :
MSVOA_V
ClientSampleId :

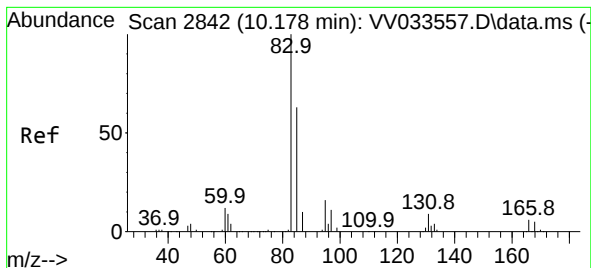
Tgt Ion:106 Resp: 202024
Ion Ratio Lower Upper
106 100
91 223.1 155.2 288.2



#55
Styrene
Concen: 49.571 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Tgt Ion:104 Resp: 347630
Ion Ratio Lower Upper
104 100
78 47.1 33.0 61.4

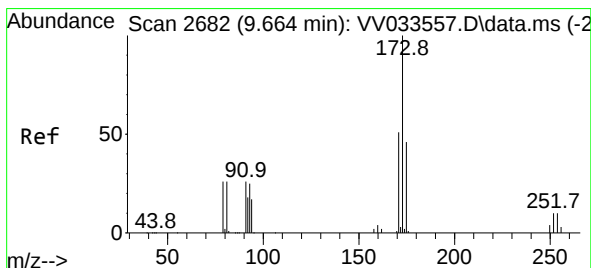
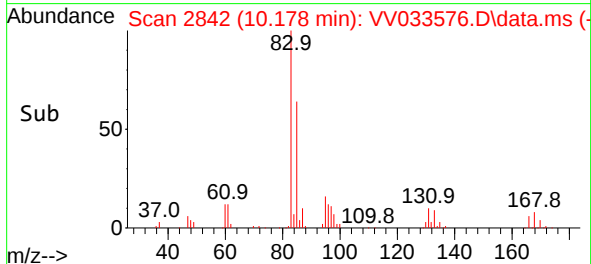
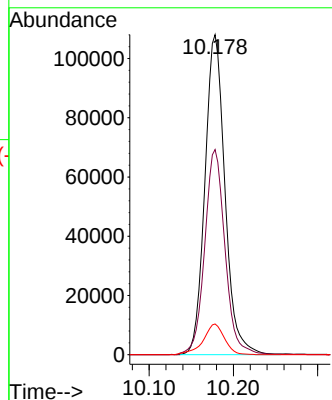
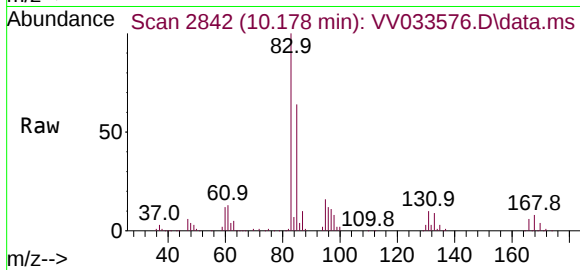




#57
1,1,2-Tetrachloroethane
Concen: 49.658 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

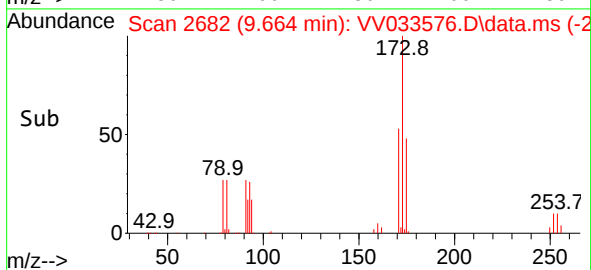
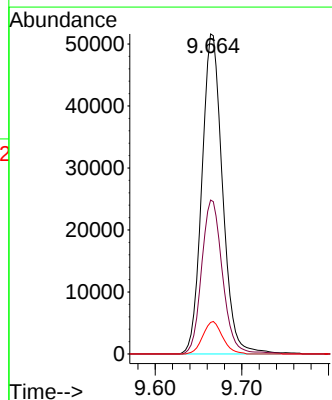
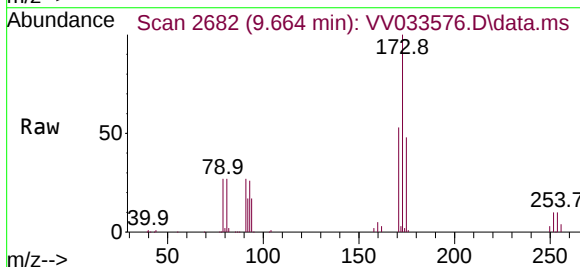
Instrument :
MSVOA_V
ClientSampleId :

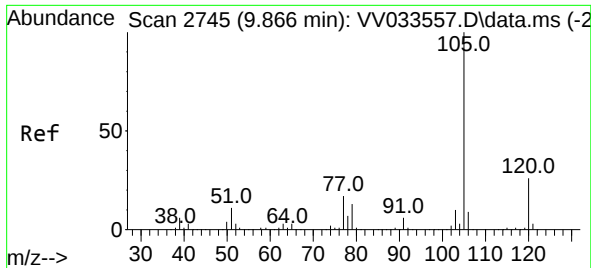
Tgt Ion: 83 Resp: 179102
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.5
131 9.6 7.5 11.3



#59
Bromoform
Concen: 50.907 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Tgt Ion: 173 Resp: 85434
Ion Ratio Lower Upper
173 100
175 48.3 37.2 55.8
254 9.7 7.4 11.0

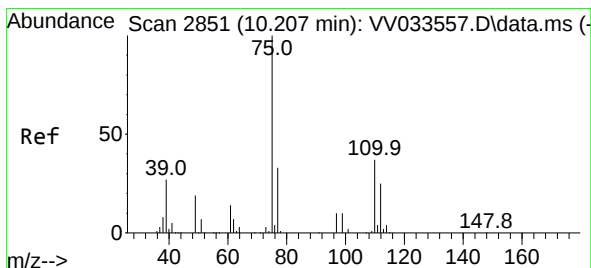
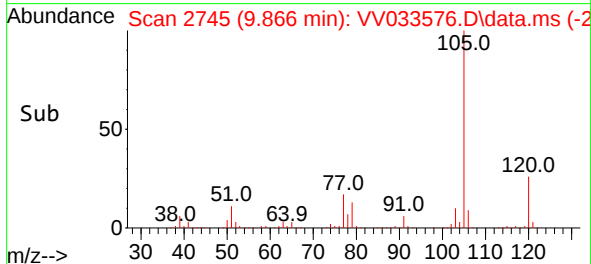
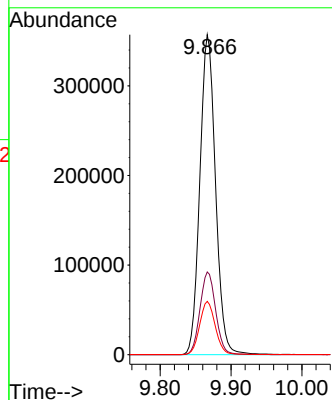
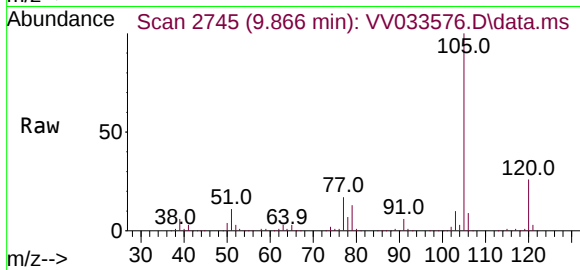




#60
Isopropylbenzene
Concen: 51.266 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

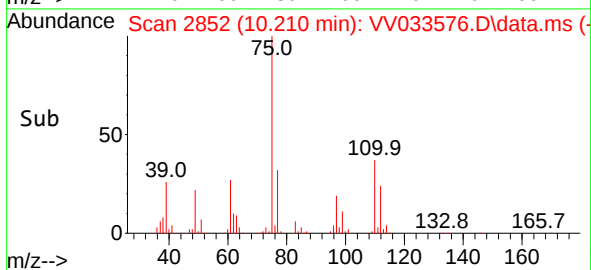
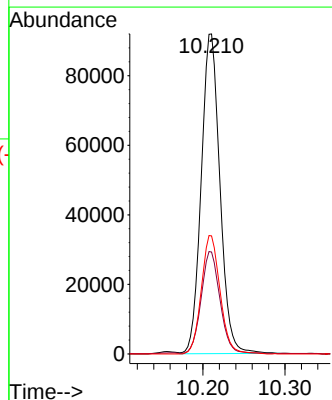
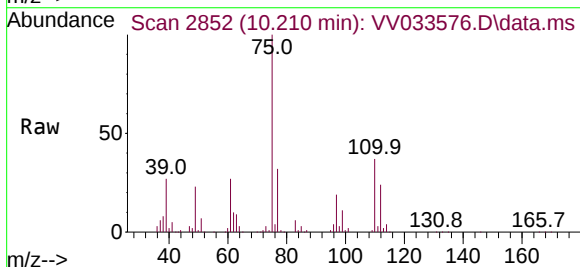
Instrument :
MSVOA_V
ClientSampleId :

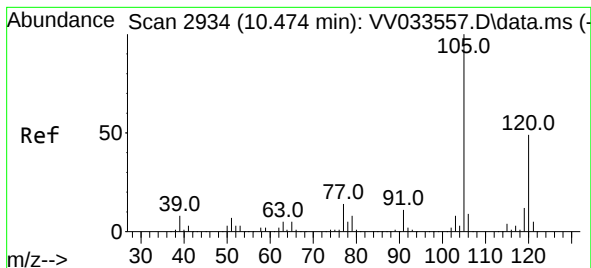
Tgt Ion:105 Resp: 547703
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 52.000 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Tgt Ion: 75 Resp: 145723
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 37.1 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 50.460 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

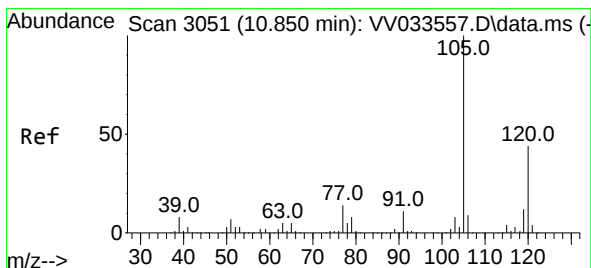
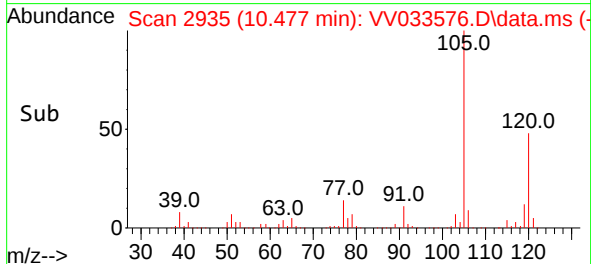
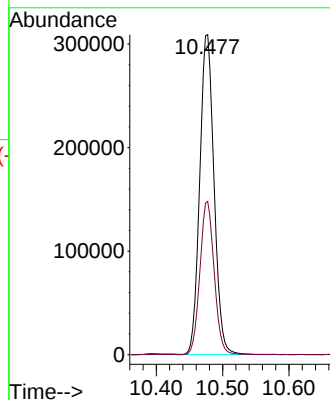
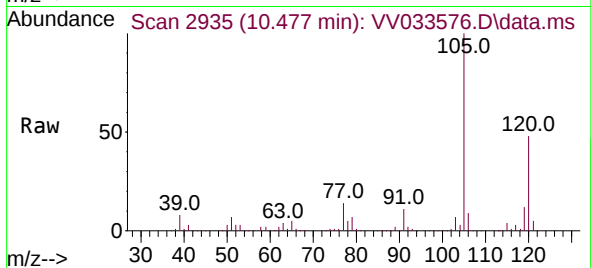
ClientSampleId :

Tgt Ion:105 Resp: 462541

Ion Ratio Lower Upper

105 100

120 47.8 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 50.922 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033576.D

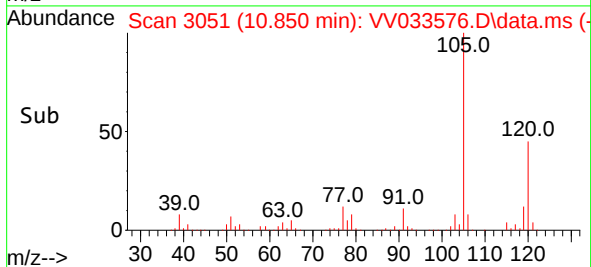
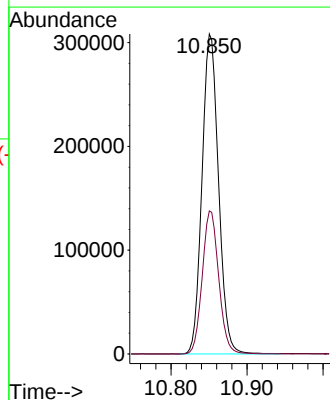
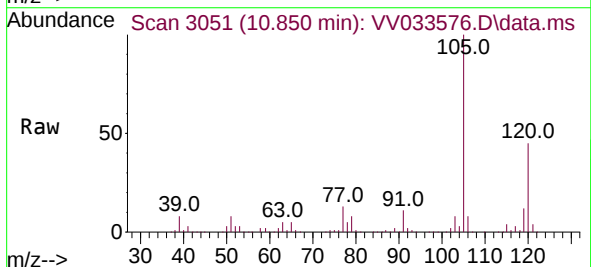
Acq: 10 Jan 2024 21:29

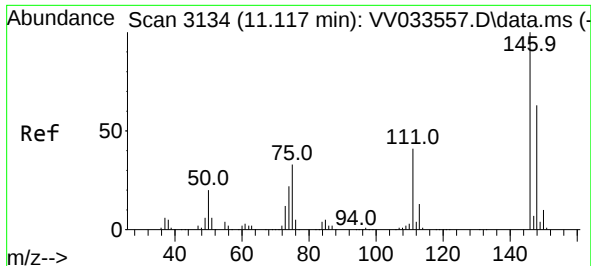
Tgt Ion:105 Resp: 465093

Ion Ratio Lower Upper

105 100

120 44.5 35.4 53.0

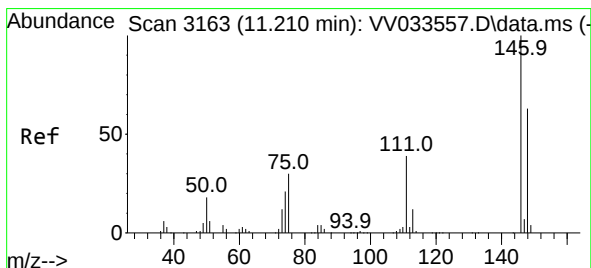
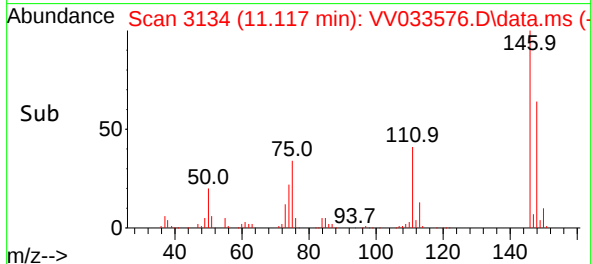
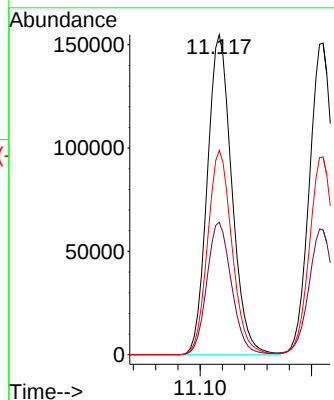
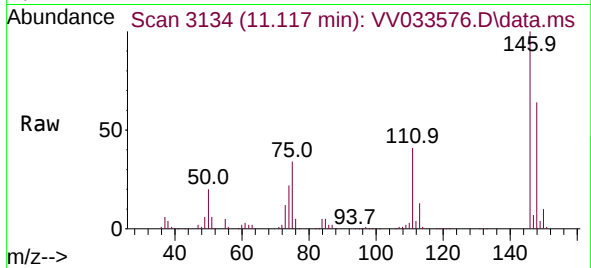




#64
1,3-Dichlorobenzene
Concen: 49.067 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

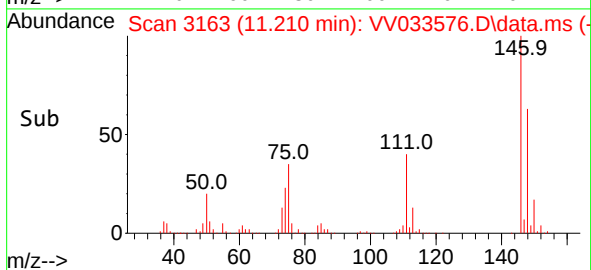
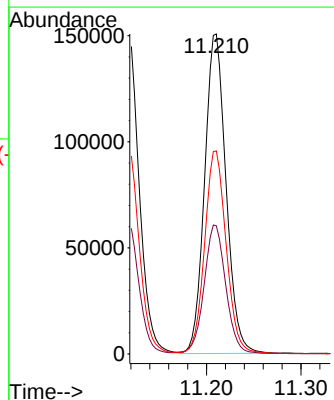
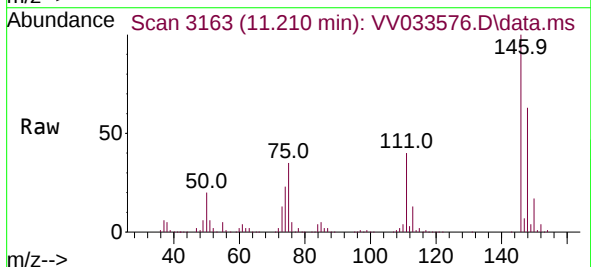
Instrument :
MSVOA_V
ClientSampleId :

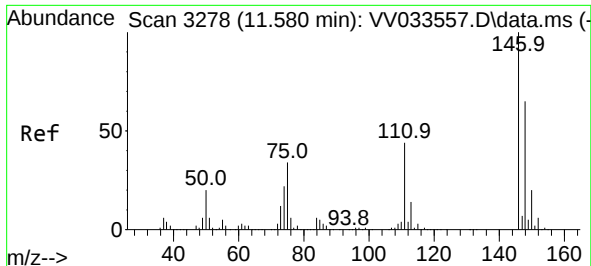
Tgt Ion:146 Resp: 236782
Ion Ratio Lower Upper
146 100
111 41.3 29.0 53.8
148 63.8 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 48.964 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Tgt Ion:146 Resp: 236923
Ion Ratio Lower Upper
146 100
111 40.0 27.7 51.5
148 63.5 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 49.933 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

ClientSampleId :

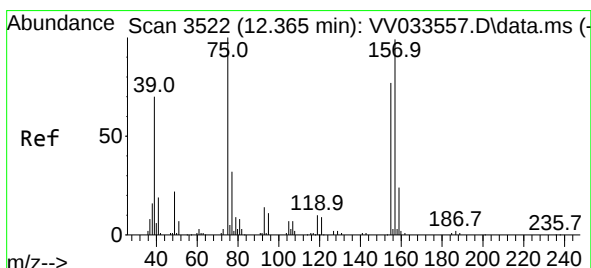
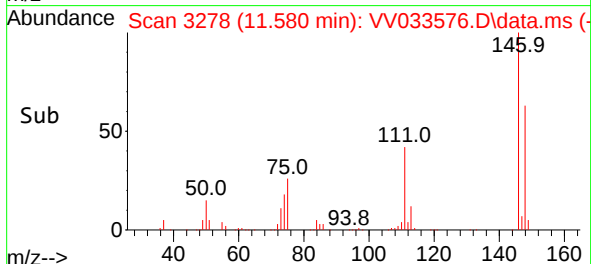
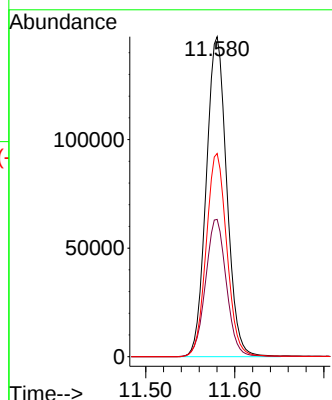
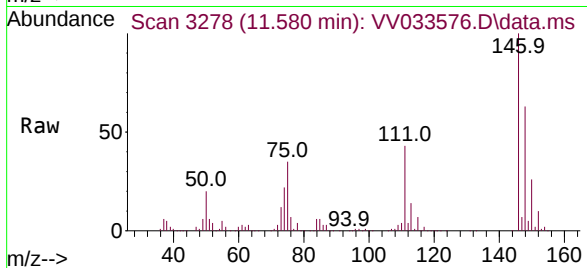
Tgt Ion:146 Resp: 235444

Ion Ratio Lower Upper

146 100

111 42.9 35.4 53.0

148 63.5 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 51.427 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

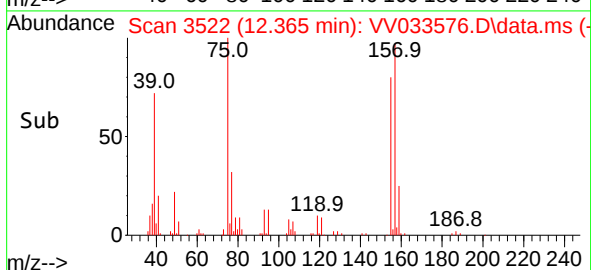
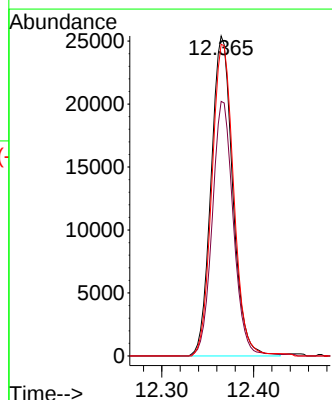
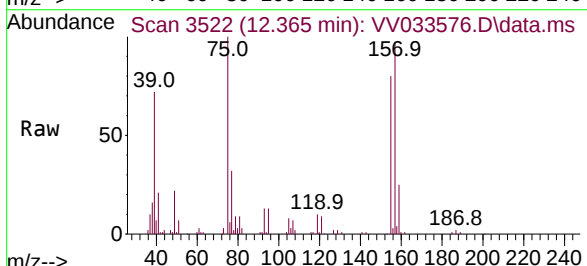
Tgt Ion: 75 Resp: 41588

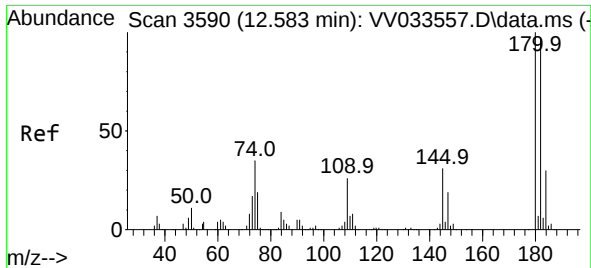
Ion Ratio Lower Upper

75 100

155 79.6 61.6 92.4

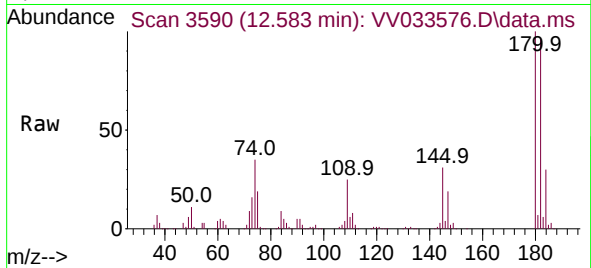
157 97.4 79.2 118.8



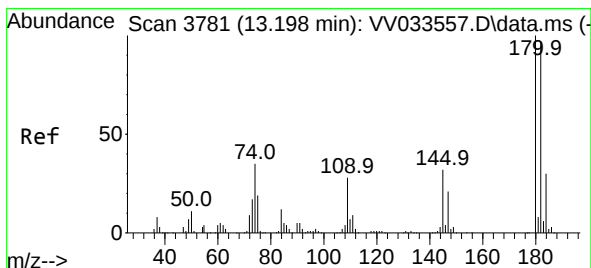
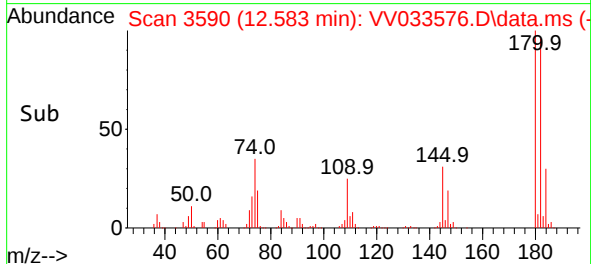
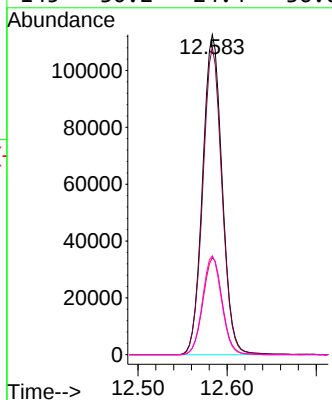


#69
1,3,5-Trichlorobenzene
Concen: 48.047 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Instrument :
MSVOA_V
ClientSampleId :

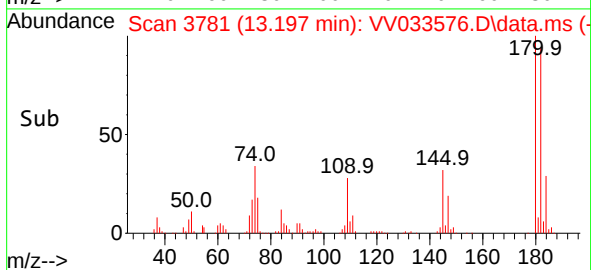
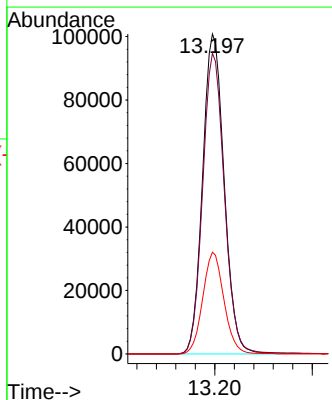
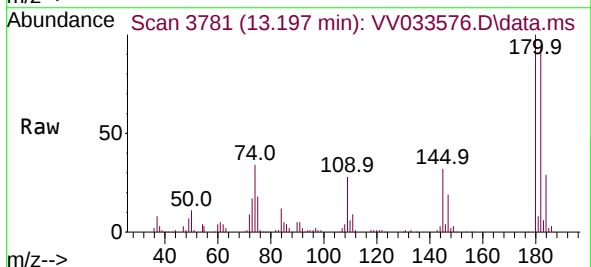


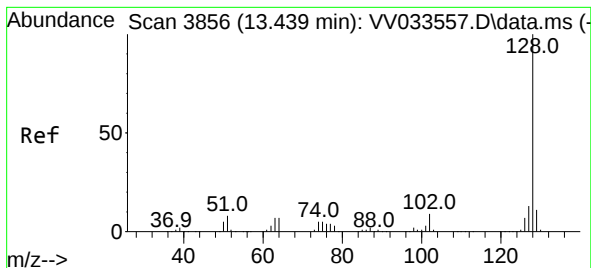
Tgt Ion:180 Resp: 171338
Ion Ratio Lower Upper
180 100
182 94.8 76.2 114.2
184 30.1 23.9 35.9
145 30.2 24.4 36.6



#70
1,2,4-trichlorobenzene
Concen: 47.902 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV033576.D
Acq: 10 Jan 2024 21:29

Tgt Ion:180 Resp: 155042
Ion Ratio Lower Upper
180 100
182 94.4 76.3 114.5
145 31.3 25.4 38.0





#71

Naphthalene

Concen: 44.514 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Instrument :

MSVOA_V

ClientSampleId :

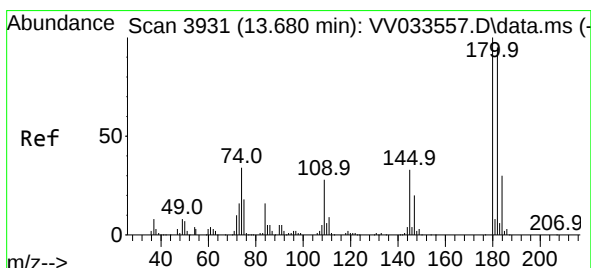
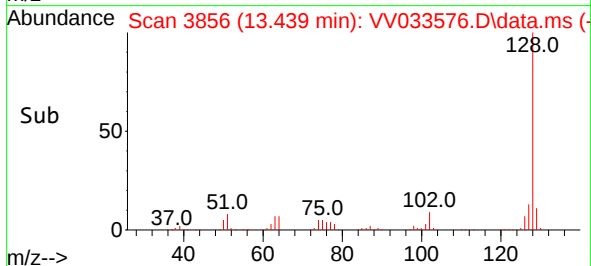
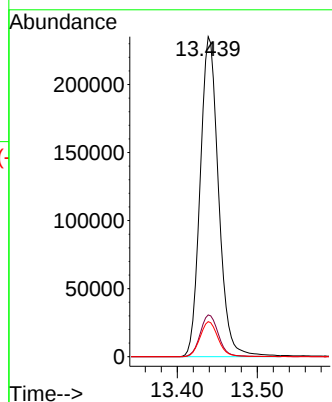
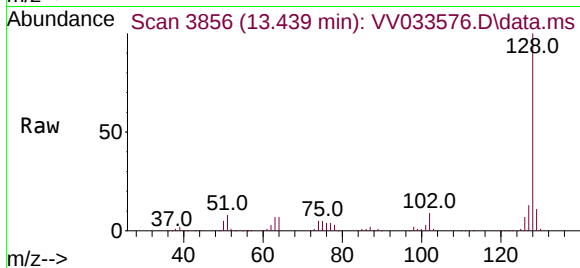
Tgt Ion:128 Resp: 376485

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 48.467 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033576.D

Acq: 10 Jan 2024 21:29

Tgt Ion:180 Resp: 146420

Ion Ratio Lower Upper

180 100

182 95.8 76.0 114.0

145 33.3 26.3 39.5

