

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034282.D
 Acq On : 20 Feb 2024 20:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 21 01:47:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 01:41:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75429	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35715	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23578	4.036	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.535	69	22137	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.059	65	12517	4.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.828	46	14388	14.665	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	29.320%#
24) Chloroform-d	4.252	84	51561	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.947	65	24520	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	4.963	84	93090	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	5.989	67	25235	4.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.246	98	87296	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.558	79	9683	4.361	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.030	63	36062	45.497	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.000%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16883	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	30791	4.740	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	27640	3.999	ug/L	99
3) Chloromethane	1.217	50	32967	4.372	ug/L	98
5) Vinyl chloride	1.285	62	32819	4.555	ug/L	97
6) Bromomethane	1.490	94	13326	3.512	ug/L	97
8) Chloroethane	1.551	64	21984	4.473	ug/L	95
9) Trichlorofluoromethane	1.715	101	57282	5.517	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	29319	5.402	ug/L	99
12) 1,1-Dichloroethene	2.069	96	28968	5.497	ug/L	98
13) Acetone	2.153	43	39865	53.559	ug/L	94
14) Carbon disulfide	2.240	76	81310	4.769	ug/L	98
15) Methyl Acetate	2.391	43	8120	4.610	ug/L	97
16) Methylene chloride	2.449	84	27394	5.418	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	59324	5.479	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	28141	5.243	ug/L	99
19) 1,1-Dichloroethane	3.114	63	51631	5.235	ug/L	96
21) 2-Butanone	3.915	43	46803	47.583	ug/L #	46
22) cis-1,2-Dichloroethene	3.818	96	29422	4.832	ug/L	96
23) Bromochloromethane	4.153	128	11874	5.609	ug/L	91
25) Chloroform	4.278	83	54659	5.483	ug/L	96

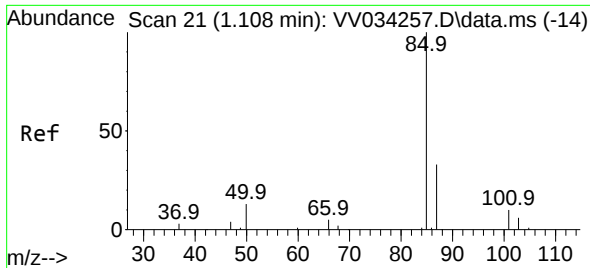
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 01:41:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	31019	5.434	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	50946	5.412	ug/L	99
30) Cyclohexane	4.584	56	42271	4.617	ug/L	94
31) Carbon tetrachloride	4.738	117	44781	5.437	ug/L	97
33) Benzene	5.011	78	108082	5.140	ug/L	100
34) Trichloroethene	5.834	95	28786	4.730	ug/L	97
35) Methylcyclohexane	6.050	83	44708	4.680	ug/L	97
37) 1,2-Dichloropropane	6.095	63	24737	4.856	ug/L	99
38) Bromodichloromethane	6.436	83	35022	5.237	ug/L	95
39) cis-1,3-Dichloropropene	6.956	75	36944	4.766	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	126974	52.053	ug/L	99
42) Toluene	7.317	91	118323	5.264	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	28836	4.845	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	16251	5.167	ug/L	94
47) Tetrachloroethene	7.905	164	24013	4.856	ug/L	95
48) 2-Hexanone	8.079	43	87672	50.988	ug/L	100
49) Dibromochloromethane	8.178	129	20183	5.400	ug/L	97
50) 1,2-Dibromoethane	8.284	107	15027	5.323	ug/L #	91
51) Chlorobenzene	8.815	112	75774	5.332	ug/L	98
52) Ethylbenzene	8.947	91	135124	5.223	ug/L	99
53) m,p-Xylene	9.072	106	51130	5.230	ug/L	97
54) o-Xylene	9.477	106	49862	5.289	ug/L	96
55) Styrene	9.496	104	78696	5.214	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	17635	5.312	ug/L	97
59) Bromoform	9.667	173	9221	4.687	ug/L	99
60) Isopropylbenzene	9.866	105	130256	4.929	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	12839	5.229	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	113472	5.079	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	111396	5.132	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	59882	5.197	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	57089	5.003	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	53919	5.449	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2916	5.667	ug/L	87
69) 1,3,5-Trichlorobenzene	12.583	180	44422	4.982	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	34935	5.019	ug/L	98
71) Naphthalene	13.438	128	45786	5.020	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	28801	5.163	ug/L	99

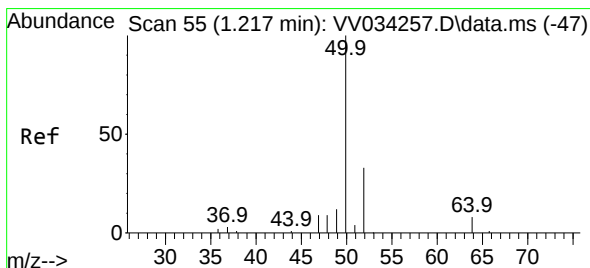
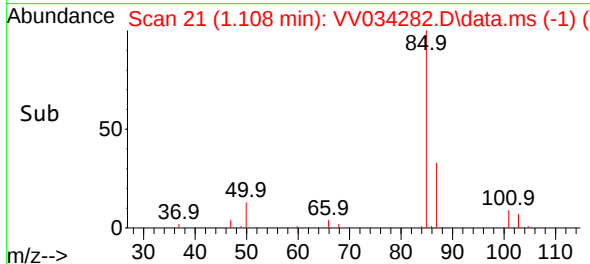
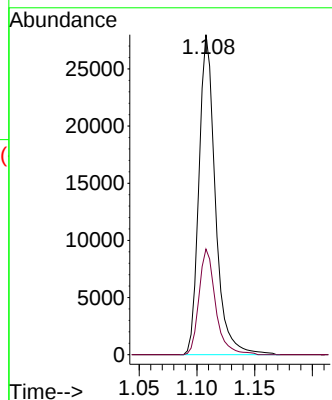
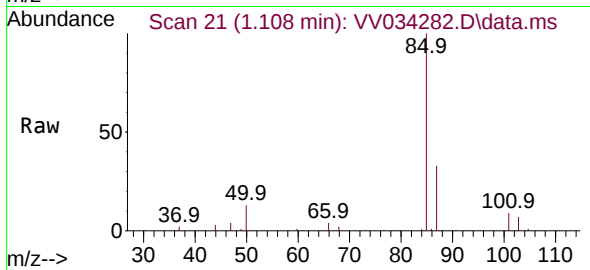
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 3.999 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

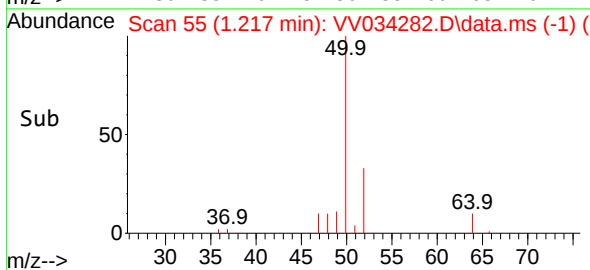
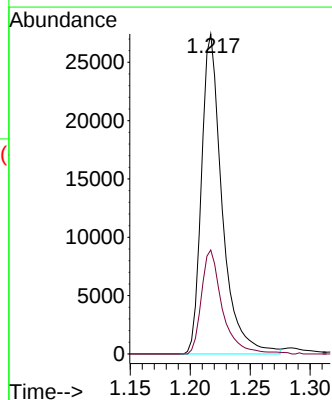
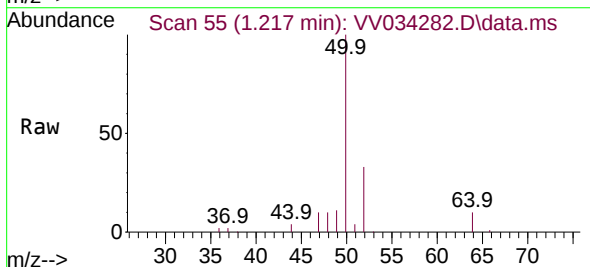
Instrument :
MSVOA_V
ClientSampleId :

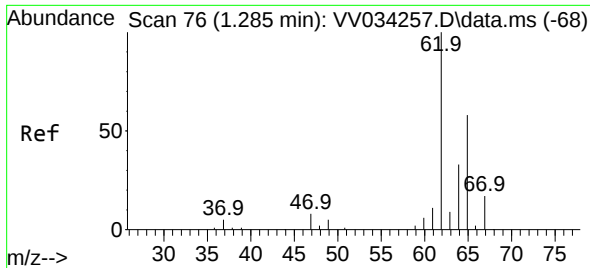
Tgt Ion: 85 Resp: 27640
Ion Ratio Lower Upper
85 100
87 33.3 26.2 39.4



#3
Chloromethane
Concen: 4.372 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

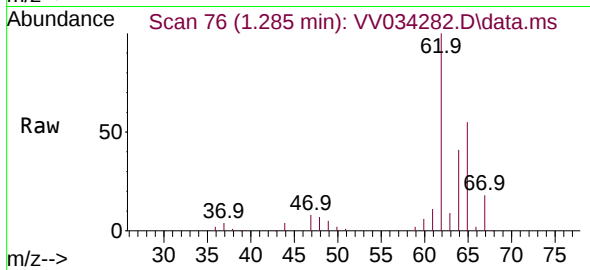
Tgt Ion: 50 Resp: 32967
Ion Ratio Lower Upper
50 100
52 32.5 23.4 43.4



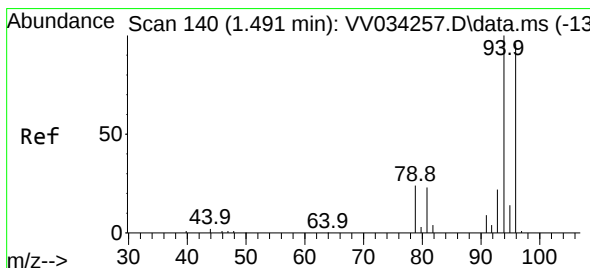
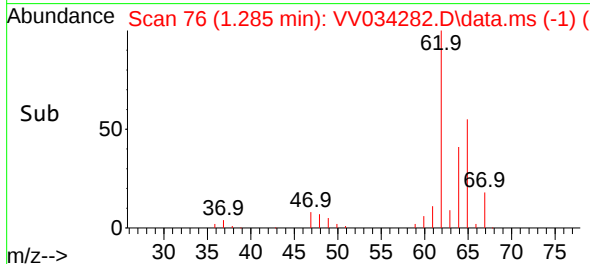
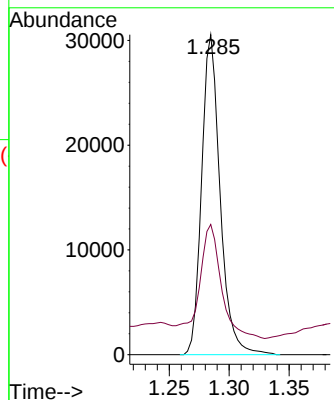


#5
Vinyl chloride
Concen: 4.555 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Instrument :
MSVOA_V
ClientSampleId :

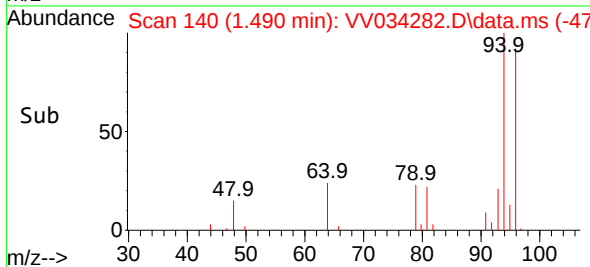
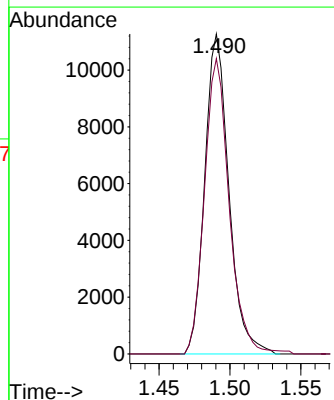
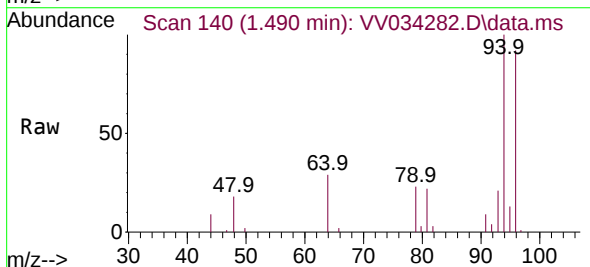


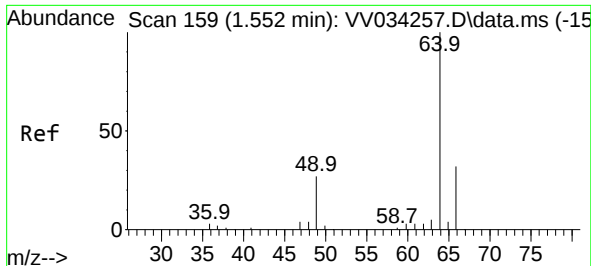
Tgt Ion: 62 Resp: 32819
Ion Ratio Lower Upper
62 100
64 40.7 27.2 50.4



#6
Bromomethane
Concen: 3.512 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

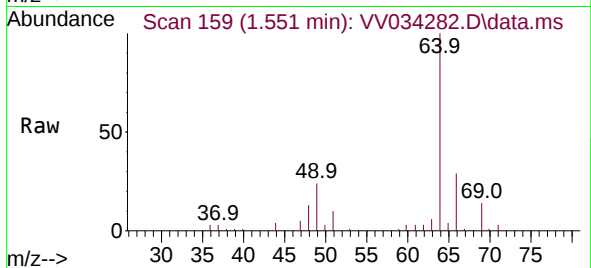
Tgt Ion: 94 Resp: 13326
Ion Ratio Lower Upper
94 100
96 92.3 66.6 123.8



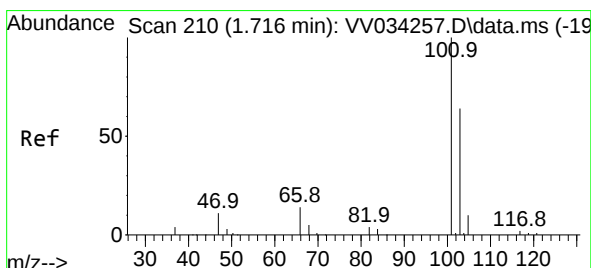
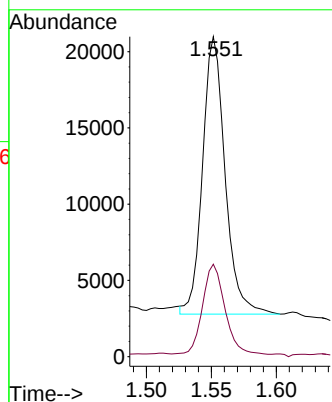
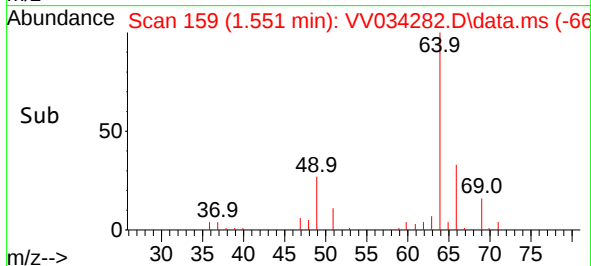


#8
Chloroethane
Concen: 4.473 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Instrument :
MSVOA_V
ClientSampleId :

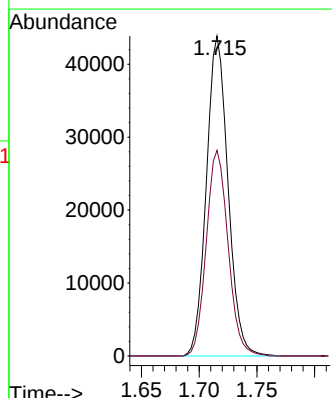
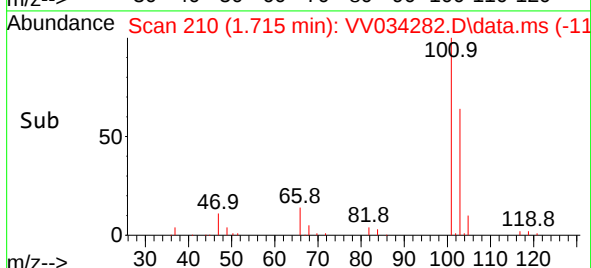
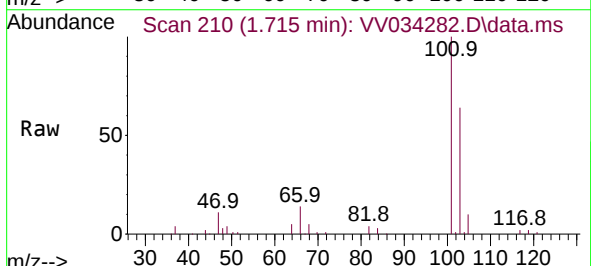


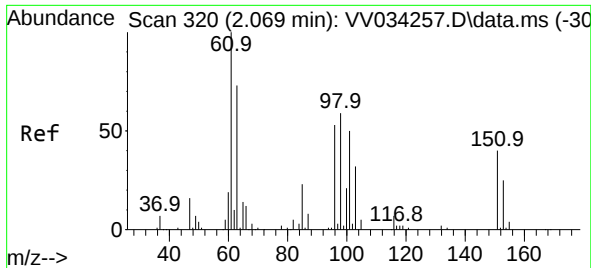
Tgt Ion: 64 Resp: 21984
Ion Ratio Lower Upper
64 100
66 28.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.517 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Tgt Ion:101 Resp: 57282
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.4

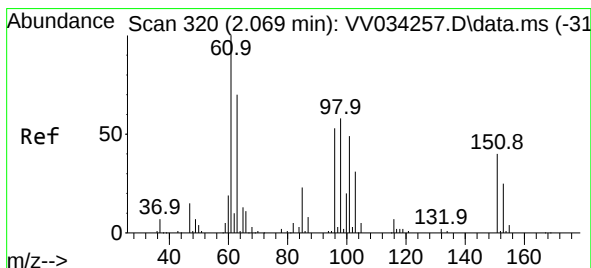
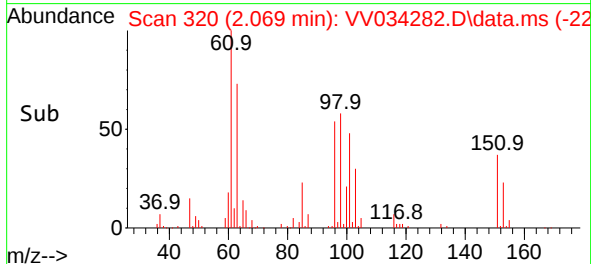
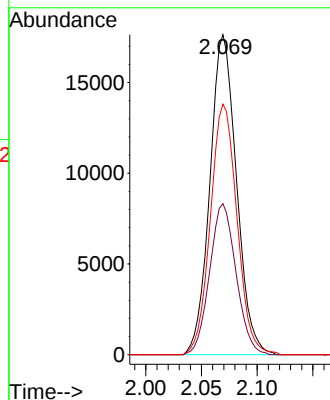
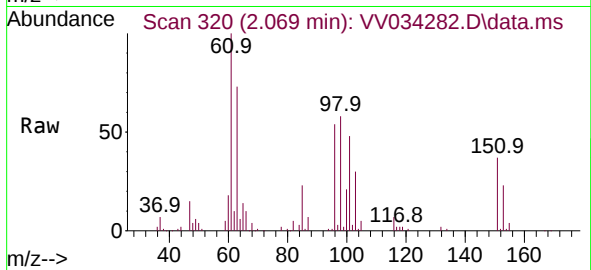




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.402 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

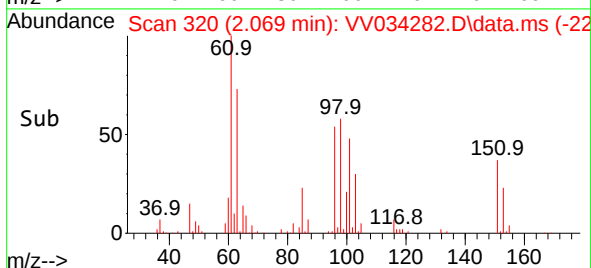
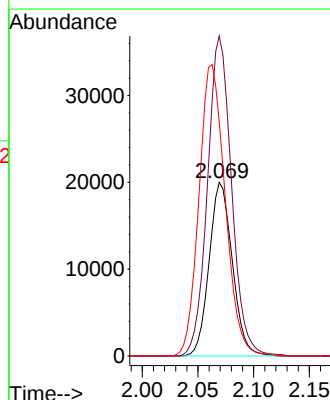
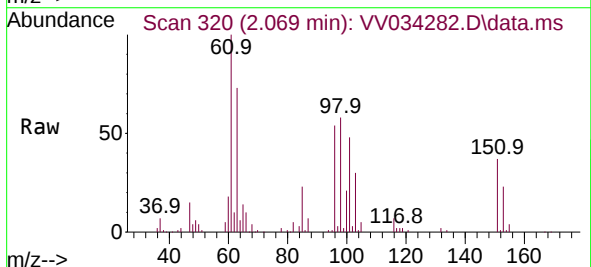
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ClientSampleId :

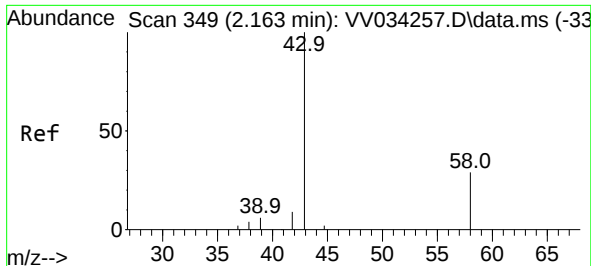
Tgt Ion:101 Resp: 29319
Ion Ratio Lower Upper
101 100
85 46.8 37.1 55.7
151 78.4 61.7 92.5



#12
1,1-Dichloroethene
Concen: 5.497 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Tgt Ion: 96 Resp: 28968
Ion Ratio Lower Upper
96 100
61 184.5 128.8 239.2
63 135.0 97.9 181.9





#13

Acetone

Concen: 53.559 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

Instrument :

MSVOA_V

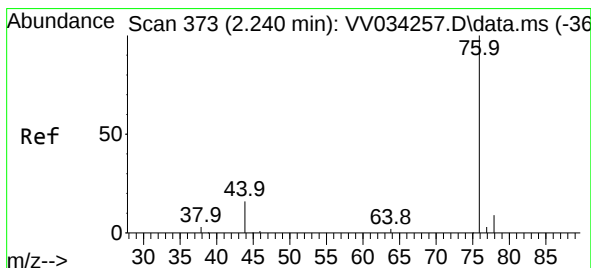
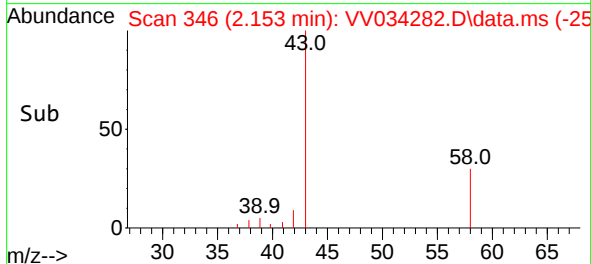
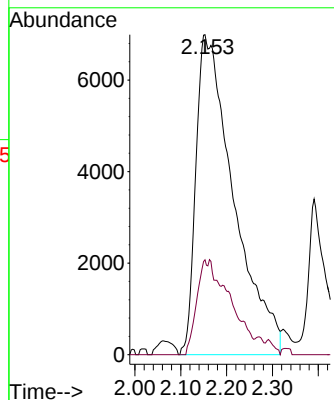
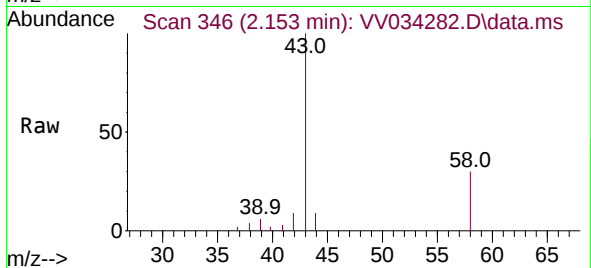
ClientSampleId :

Tgt Ion: 43 Resp: 39865

Ion Ratio Lower Upper

43 100

58 8.9 0.0 13.8



#14

Carbon disulfide

Concen: 4.769 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034282.D

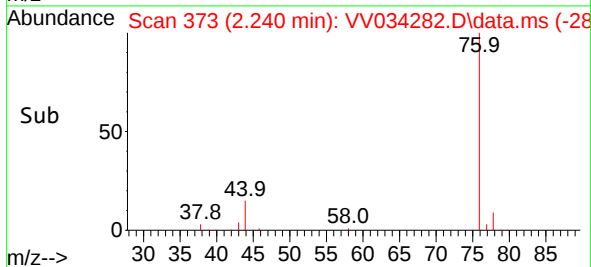
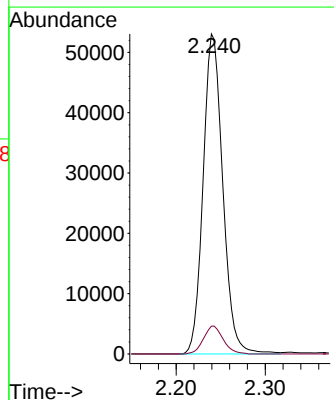
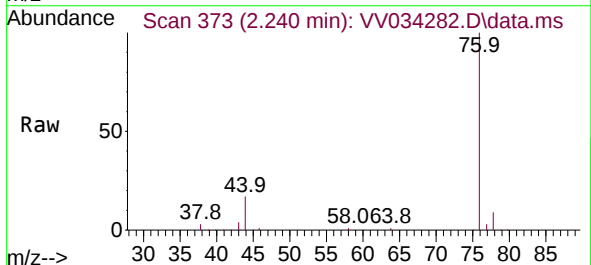
Acq: 20 Feb 2024 20:11

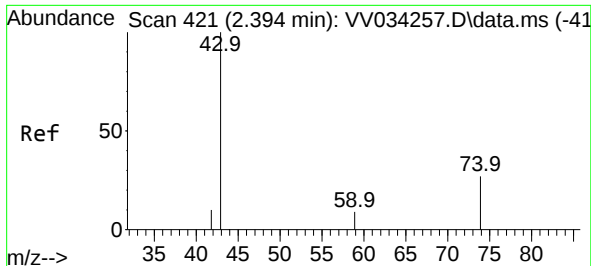
Tgt Ion: 76 Resp: 81310

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

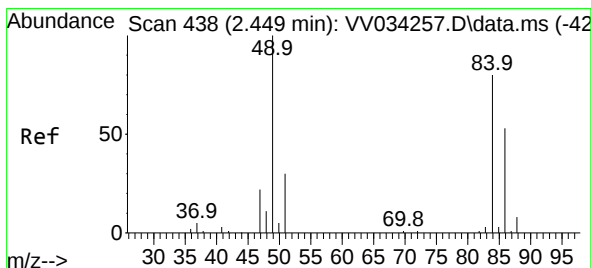
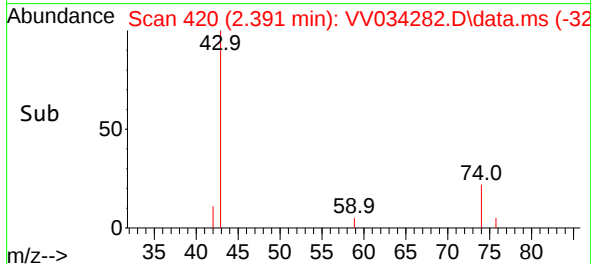
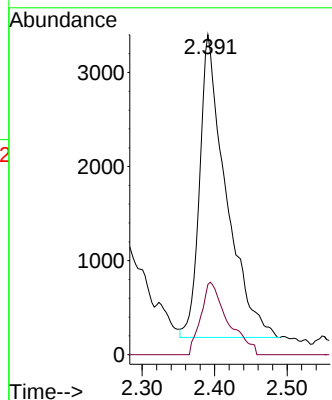
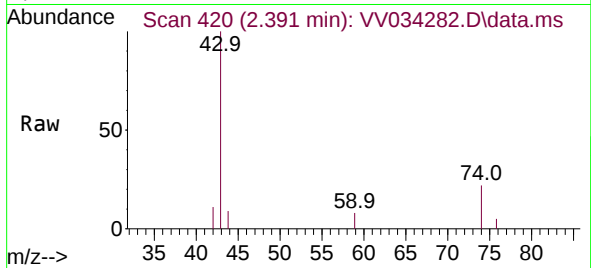




#15
Methyl Acetate
Concen: 4.610 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

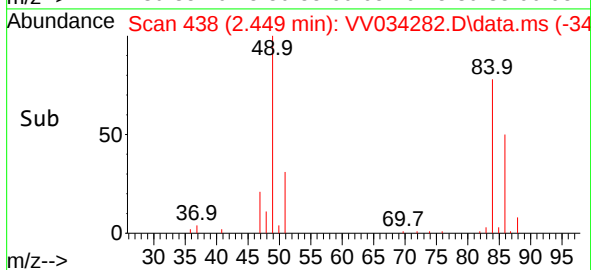
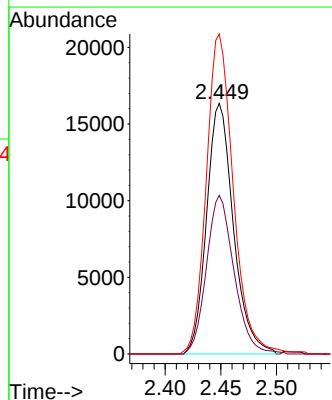
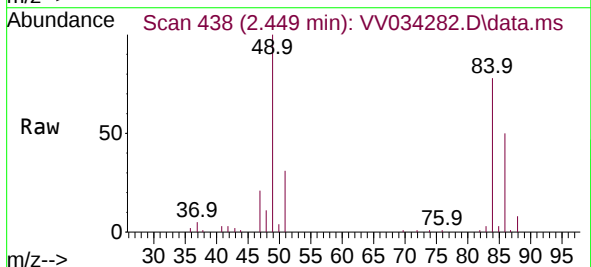
Instrument :
MSVOA_V
ClientSampleId :

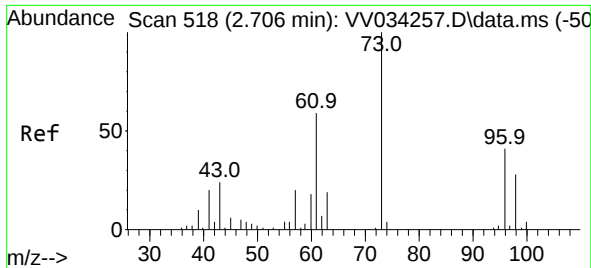
Tgt Ion: 43 Resp: 8120
Ion Ratio Lower Upper
43 100
74 24.5 18.2 27.4



#16
Methylene chloride
Concen: 5.418 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

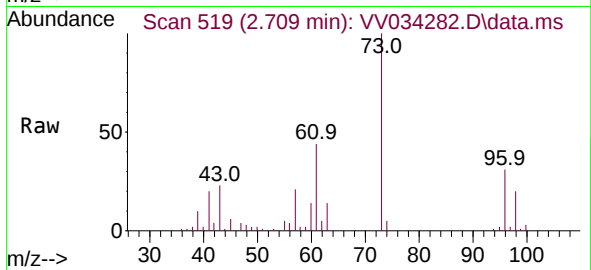
Tgt Ion: 84 Resp: 27394
Ion Ratio Lower Upper
84 100
86 63.3 44.7 83.1
49 127.7 93.7 173.9



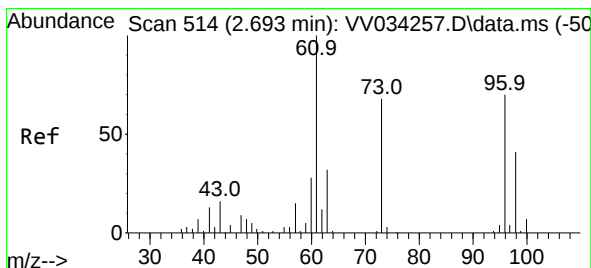
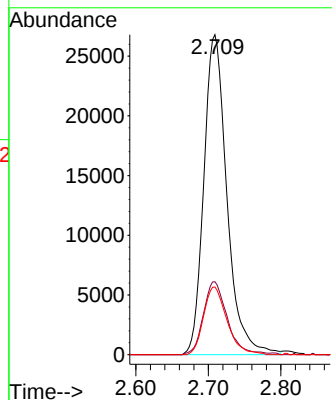
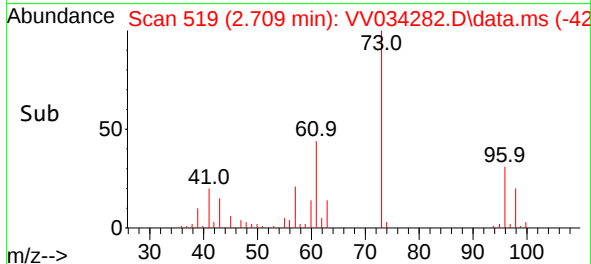


#17
Methyl tert-butyl Ether
Concen: 5.479 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Instrument :
MSVOA_V
ClientSampleId :

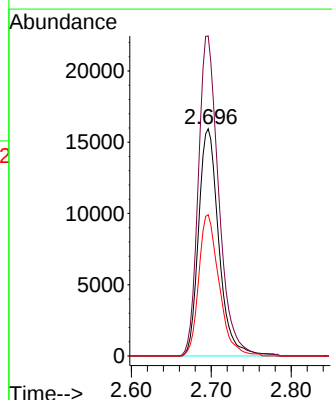
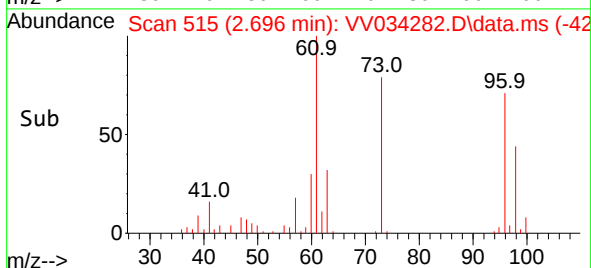
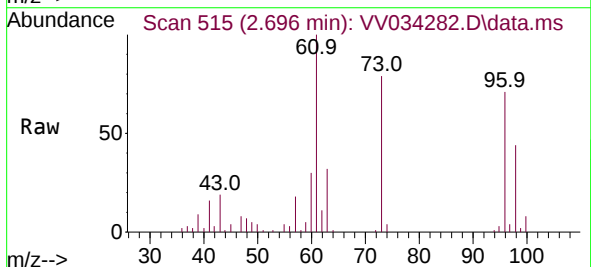


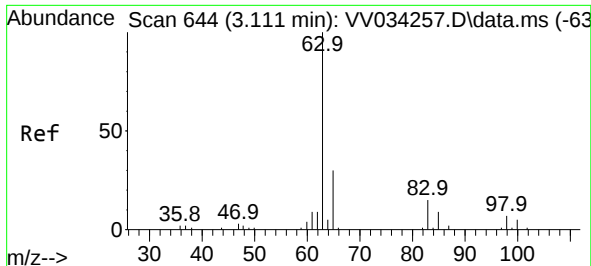
Tgt Ion: 73 Resp: 59324
Ion Ratio Lower Upper
73 100
43 23.5 17.7 26.5
57 21.4 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.243 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Tgt Ion: 96 Resp: 28141
Ion Ratio Lower Upper
96 100
61 140.8 97.6 181.4
98 62.2 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.235 ug/L

RT: 3.114 min Scan# 644

Delta R.T. 0.003 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

Instrument :

MSVOA_V

ClientSampleId :

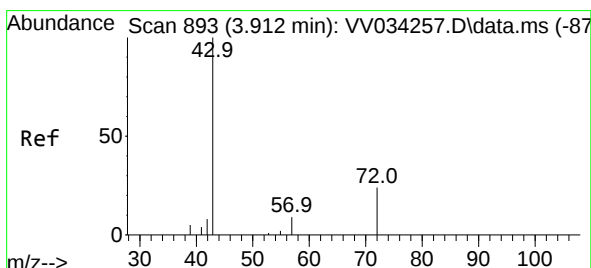
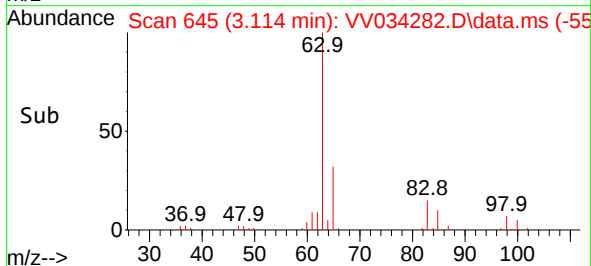
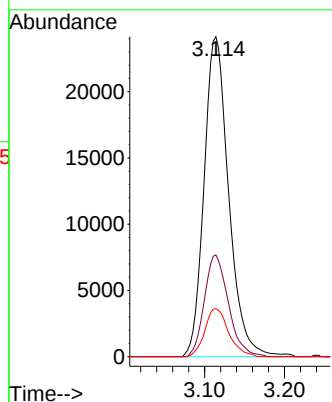
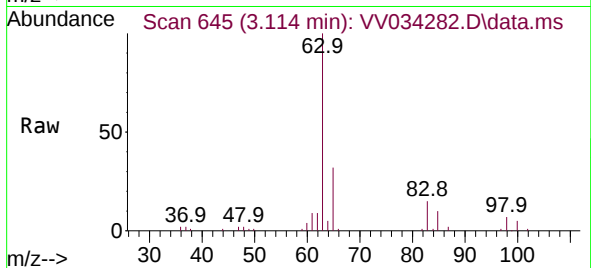
Tgt Ion: 63 Resp: 51631

Ion Ratio Lower Upper

63 100

65 31.8 20.8 38.6

83 15.0 9.4 17.4



#21

2-Butanone

Concen: 47.583 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.003 min

Lab File: VV034282.D

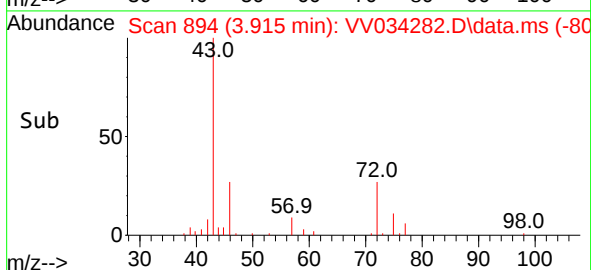
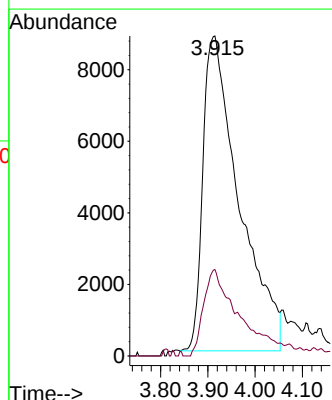
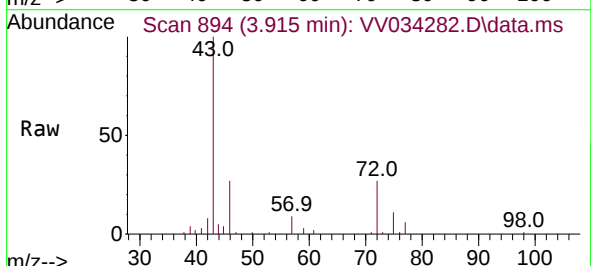
Acq: 20 Feb 2024 20:11

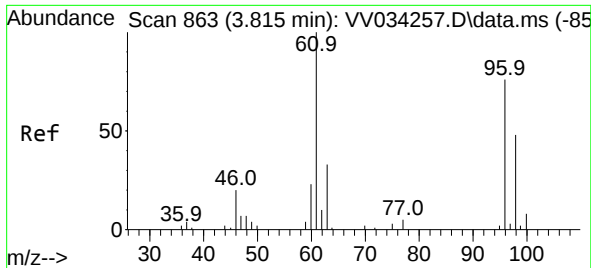
Tgt Ion: 43 Resp: 46803

Ion Ratio Lower Upper

43 100

72 27.1 4.0 11.9#





#22

cis-1,2-Dichloroethene

Concen: 4.832 ug/L

RT: 3.818 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

Instrument :

MSVOA_V

ClientSampleId :

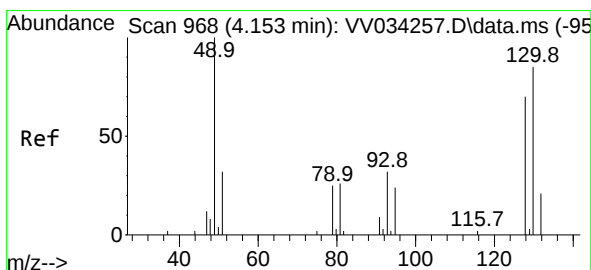
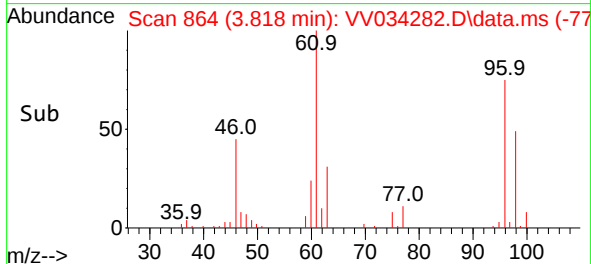
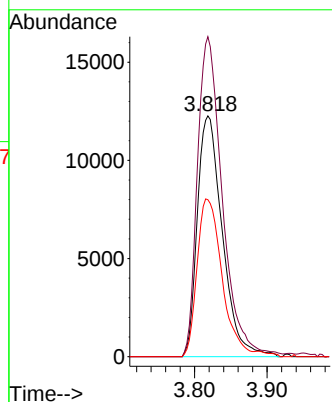
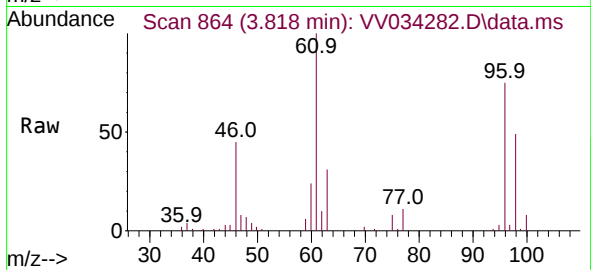
Tgt Ion: 96 Resp: 29422

Ion Ratio Lower Upper

96 100

61 132.9 90.3 167.7

98 65.1 43.2 80.2



#23

Bromochloromethane

Concen: 5.609 ug/L

RT: 4.153 min Scan# 968

Delta R.T. -0.000 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

Tgt Ion: 128 Resp: 11874

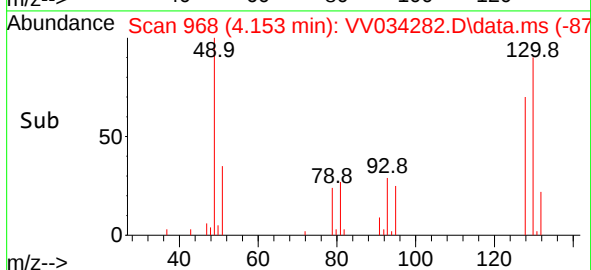
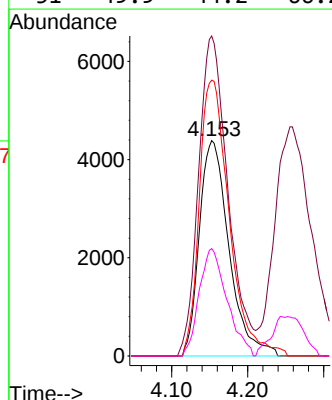
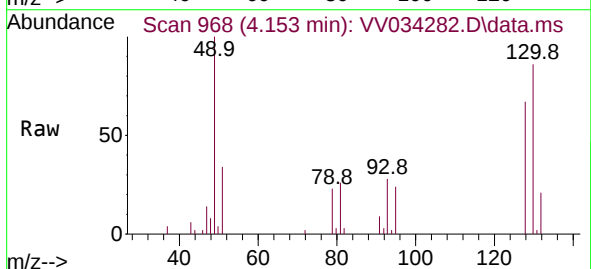
Ion Ratio Lower Upper

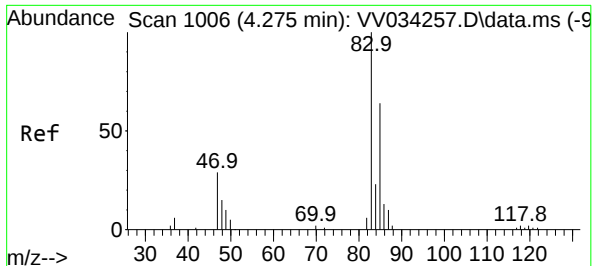
128 100

49 155.2 120.5 223.7

130 128.1 93.4 173.4

51 49.9 44.2 66.2

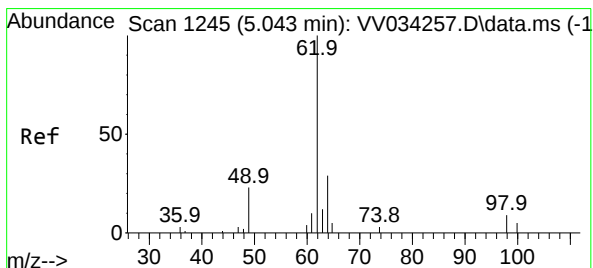
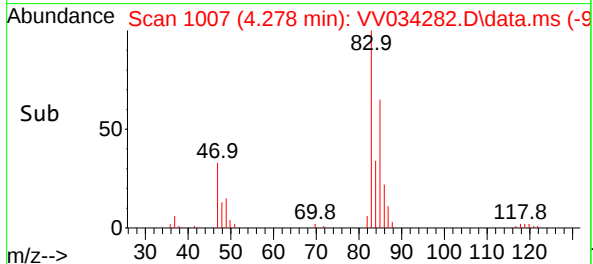
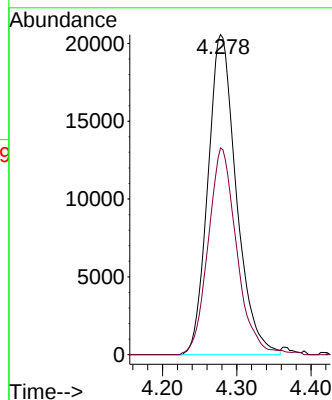
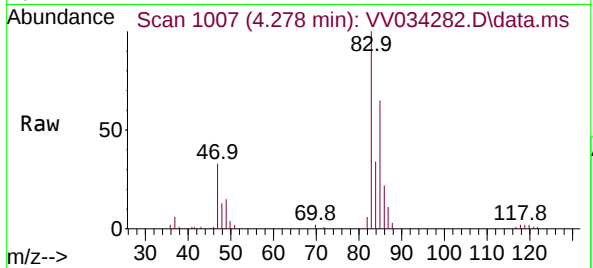




#25
Chloroform
Concen: 5.483 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

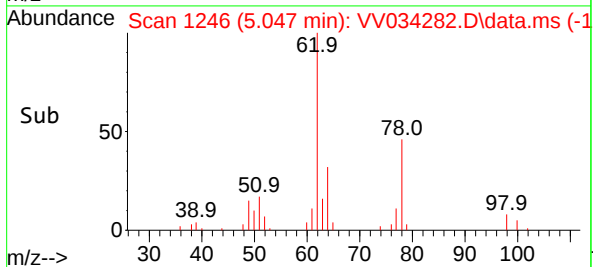
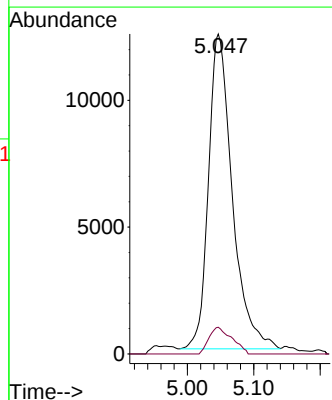
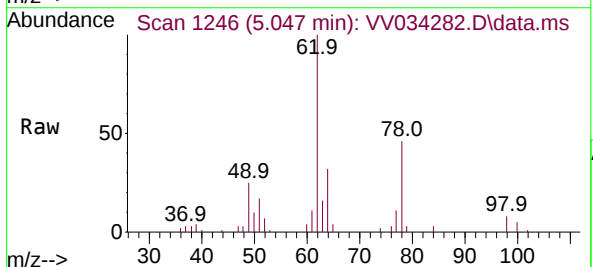
Instrument :
MSVOA_V
ClientSampleId :

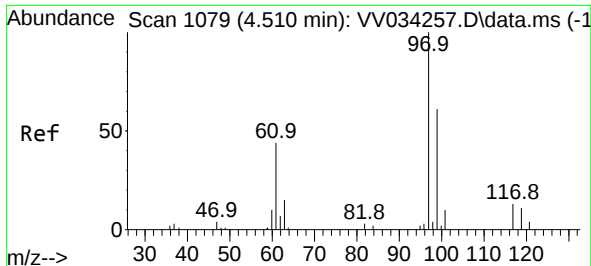
Tgt Ion: 83 Resp: 54659
Ion Ratio Lower Upper
83 100
85 64.6 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.434 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Tgt Ion: 62 Resp: 31019
Ion Ratio Lower Upper
62 100
98 8.3 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.412 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

Instrument :

MSVOA_V

ClientSampleId :

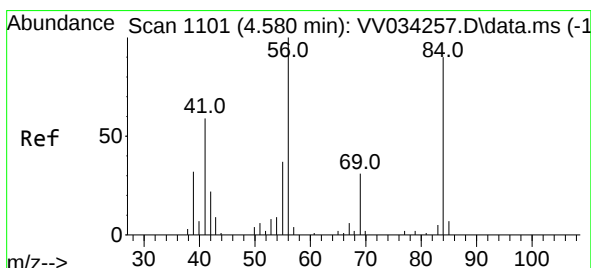
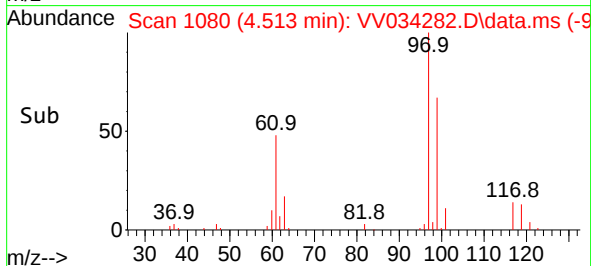
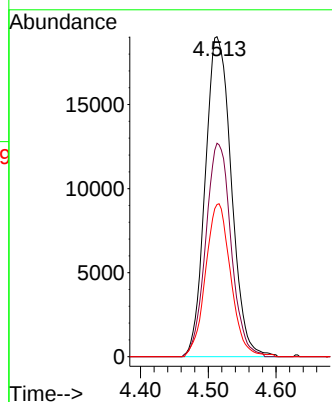
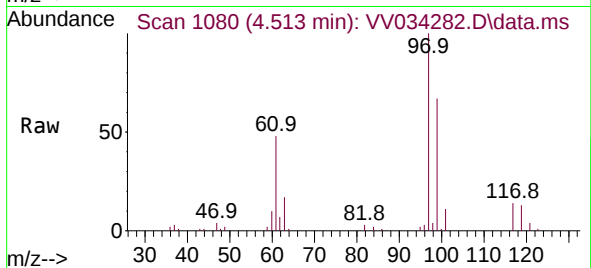
Tgt Ion: 97 Resp: 50946

Ion Ratio Lower Upper

97 100

99 64.7 50.6 75.8

61 46.1 36.8 55.2



#30

Cyclohexane

Concen: 4.617 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

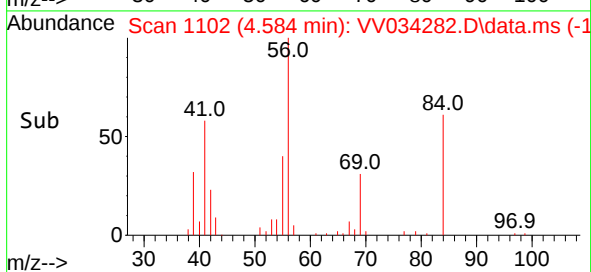
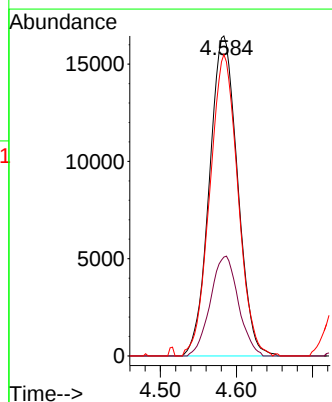
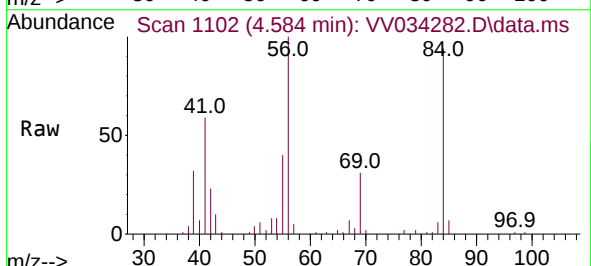
Tgt Ion: 56 Resp: 42271

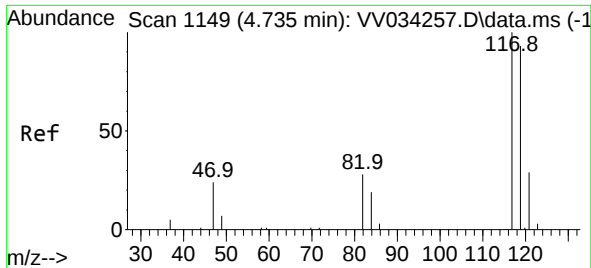
Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.2

84 94.0 70.0 105.0

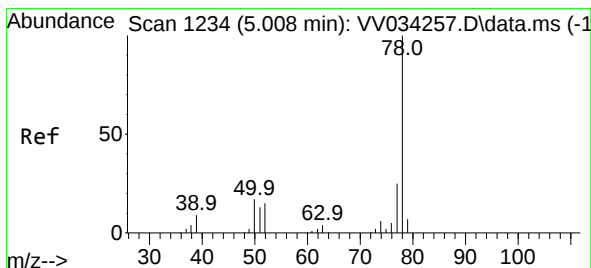
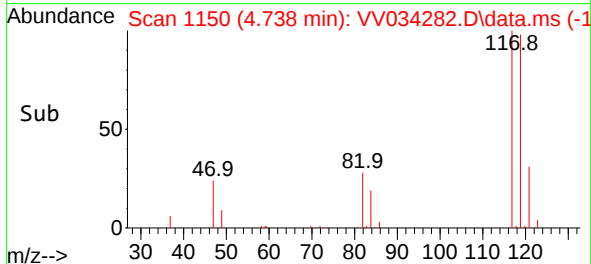
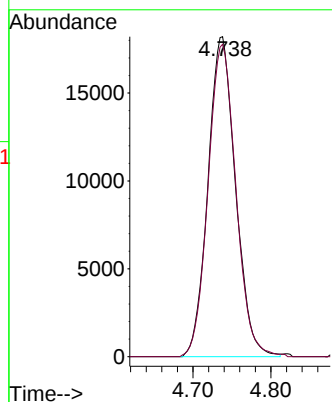
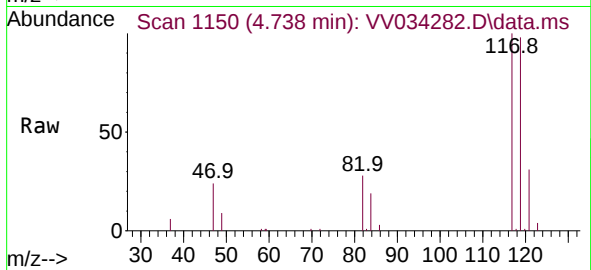




#31
Carbon tetrachloride
Concen: 5.437 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

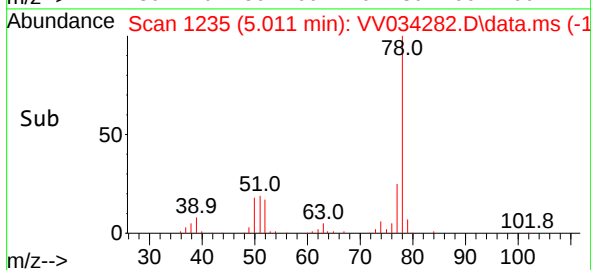
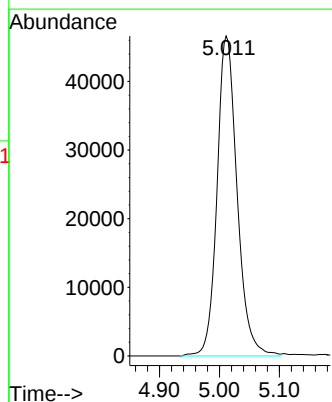
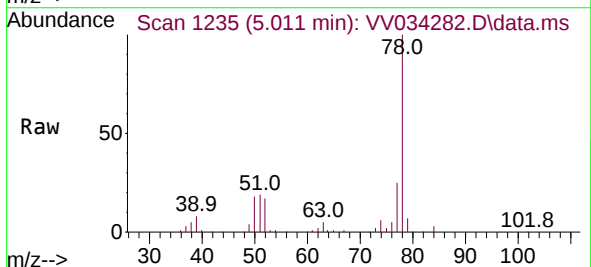
Instrument :
MSVOA_V
ClientSampleId :

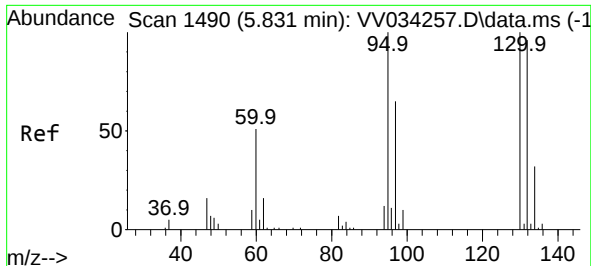
Tgt Ion:117 Resp: 44781
Ion Ratio Lower Upper
117 100
119 98.4 76.1 114.1



#33
Benzene
Concen: 5.140 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Tgt Ion: 78 Resp: 108082

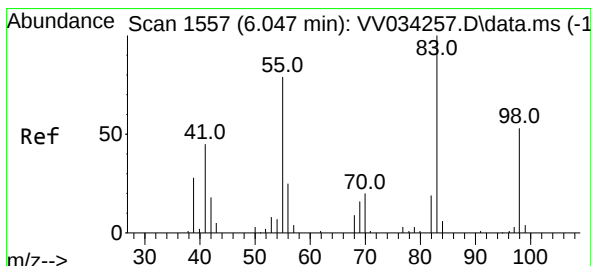
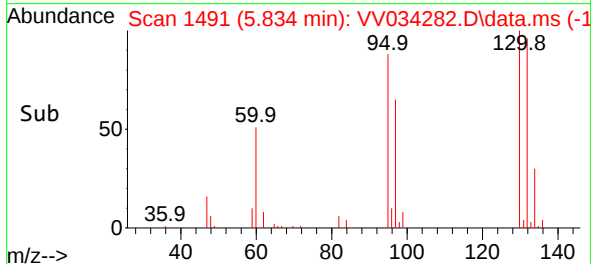
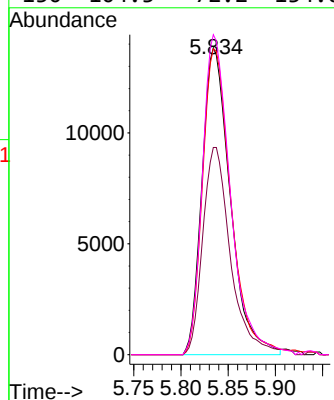
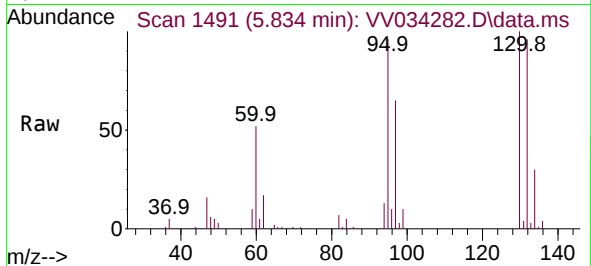




#34
Trichloroethene
Concen: 4.730 ug/L
RT: 5.834 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

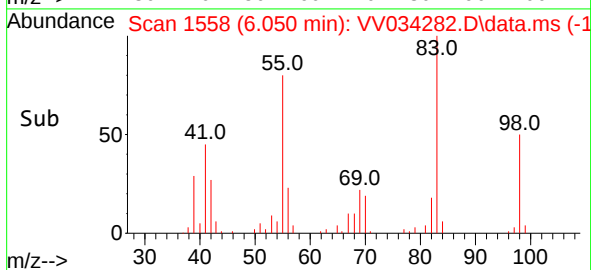
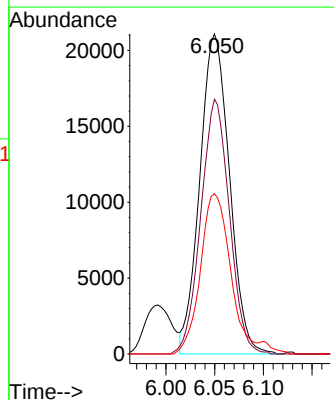
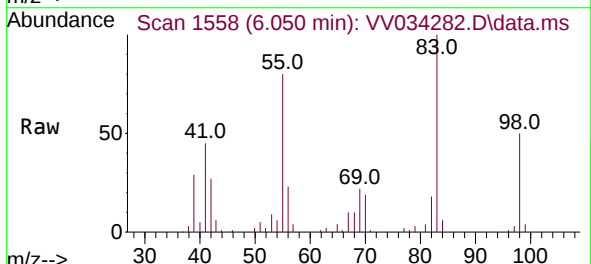
Instrument :
MSVOA_V
ClientSampleId :

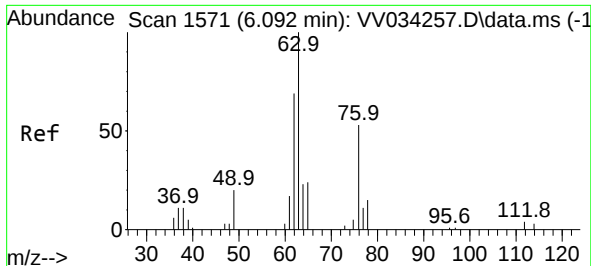
Tgt Ion: 95 Resp: 28786
Ion Ratio Lower Upper
95 100
97 67.5 45.1 83.7
132 99.7 66.0 122.6
130 104.3 72.2 134.0



#35
Methylcyclohexane
Concen: 4.680 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Tgt Ion: 83 Resp: 44708
Ion Ratio Lower Upper
83 100
55 76.6 63.5 95.3
98 50.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.856 ug/L

RT: 6.095 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

Instrument :

MSVOA_V

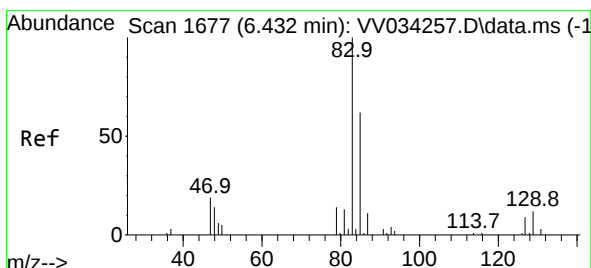
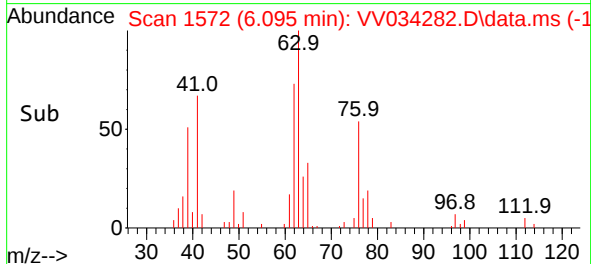
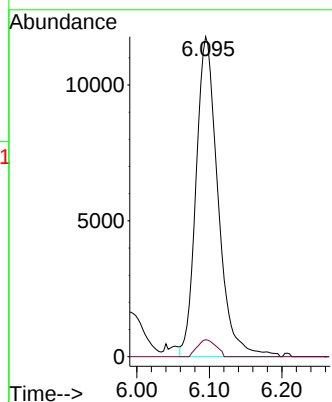
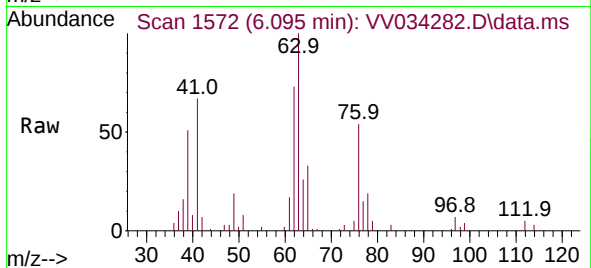
ClientSampleId :

Tgt Ion: 63 Resp: 24737

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.0



#38

Bromodichloromethane

Concen: 5.237 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

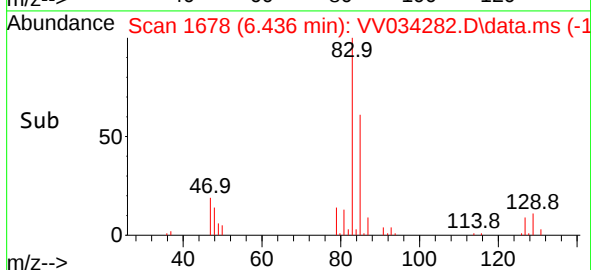
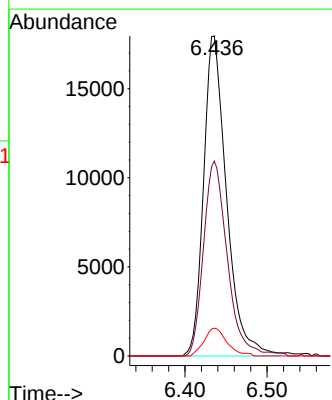
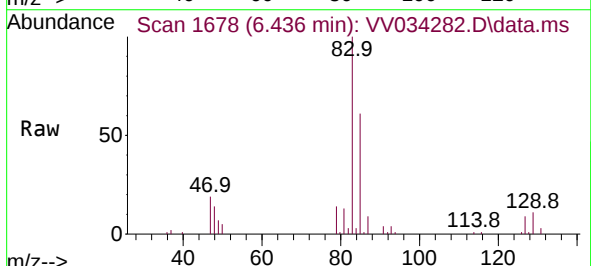
Tgt Ion: 83 Resp: 35022

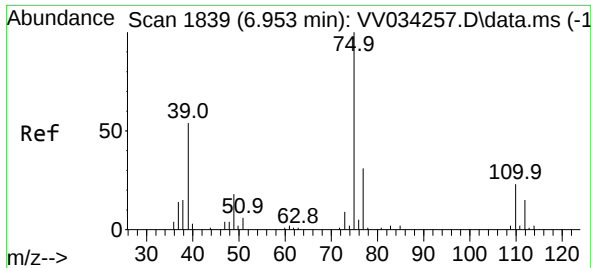
Ion Ratio Lower Upper

83 100

85 60.9 45.4 84.2

127 8.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.766 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

Instrument :

MSVOA_V

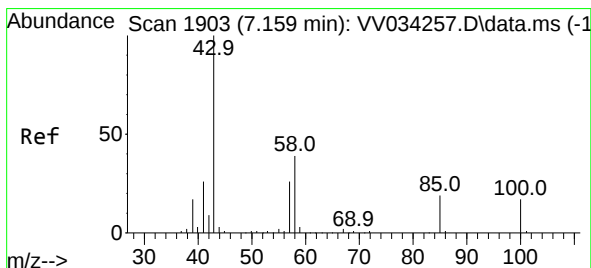
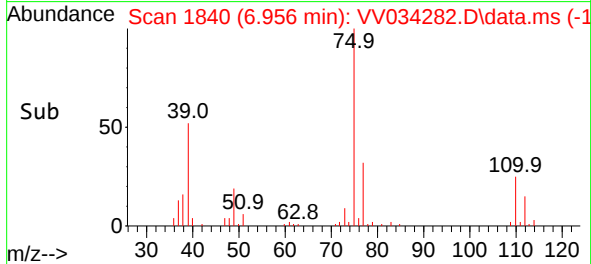
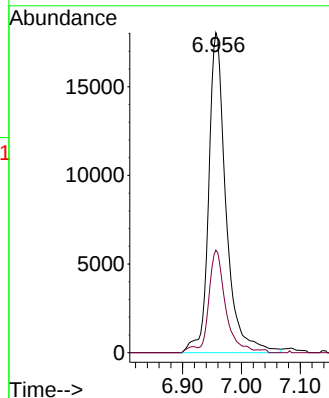
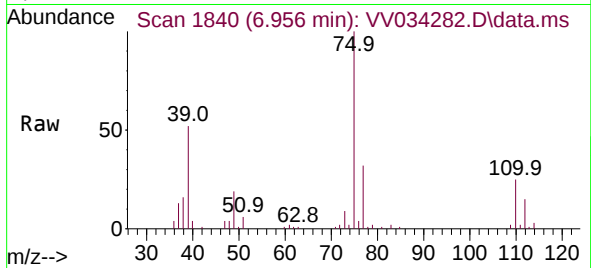
ClientSampleId :

Tgt Ion: 75 Resp: 36944

Ion Ratio Lower Upper

75 100

77 32.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 52.053 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

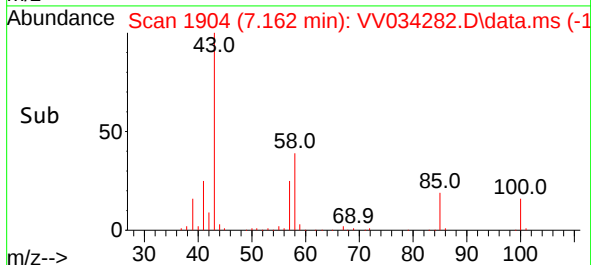
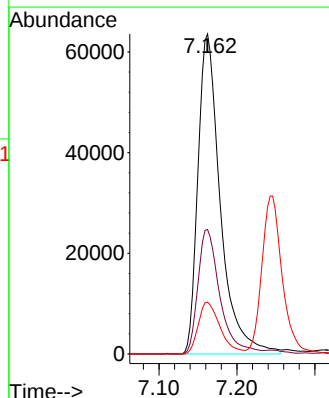
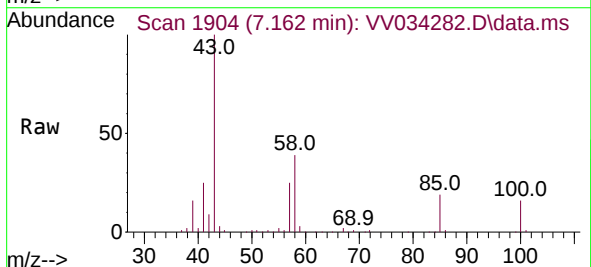
Tgt Ion: 43 Resp: 126974

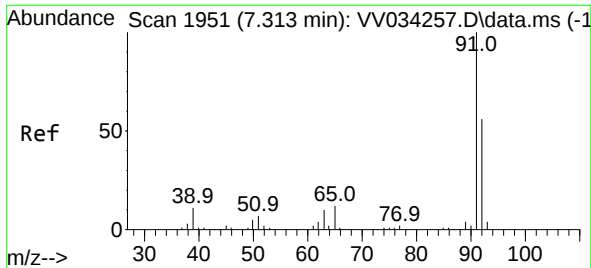
Ion Ratio Lower Upper

43 100

58 38.1 30.2 45.2

100 15.8 12.1 18.1





#42

Toluene

Concen: 5.264 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

Instrument :

MSVOA_V

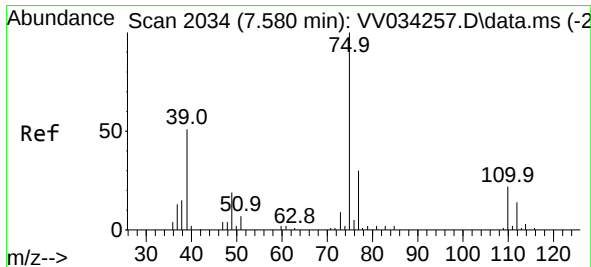
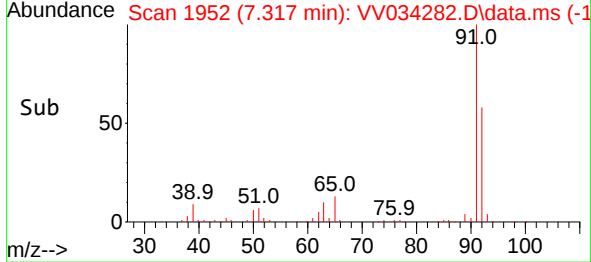
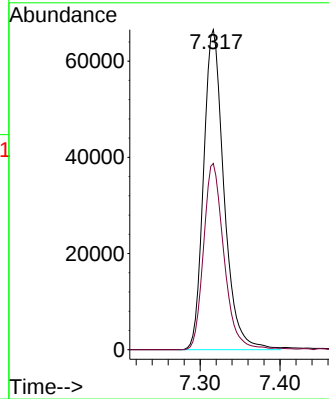
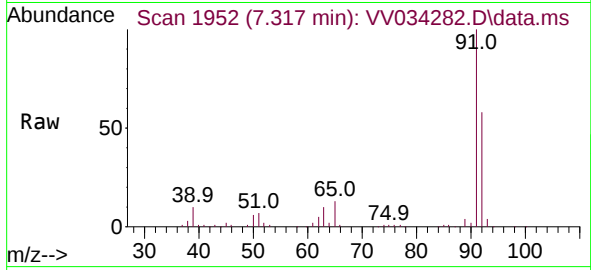
ClientSampleId :

Tgt Ion: 91 Resp: 118323

Ion Ratio Lower Upper

91 100

92 58.2 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.845 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.003 min

Lab File: VV034282.D

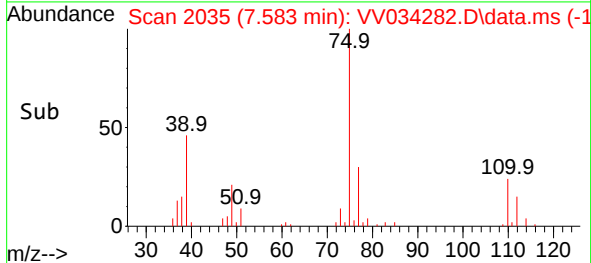
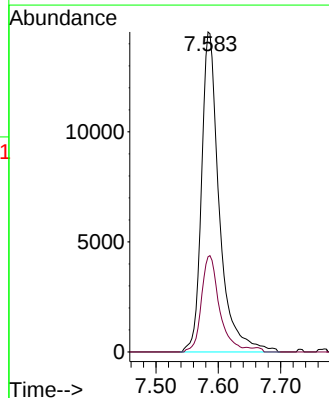
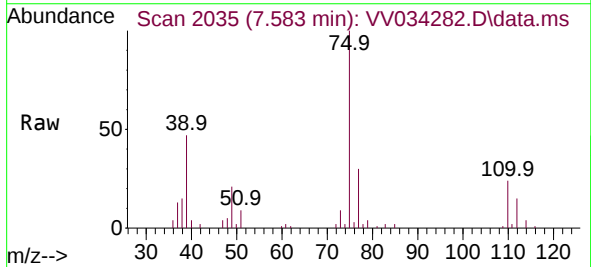
Acq: 20 Feb 2024 20:11

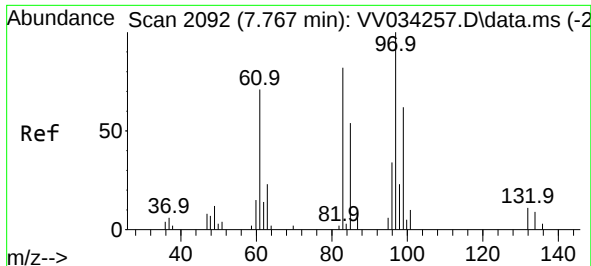
Tgt Ion: 75 Resp: 28836

Ion Ratio Lower Upper

75 100

77 29.7 22.2 41.2

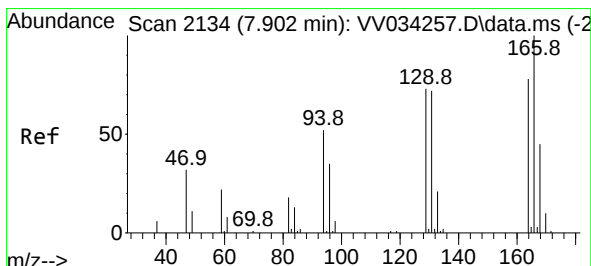
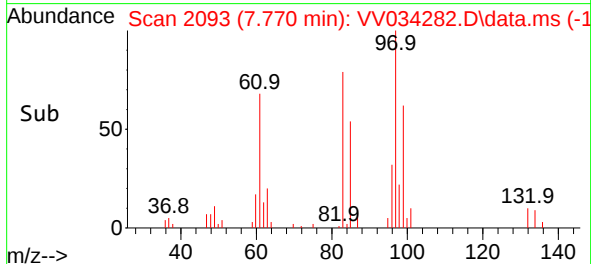
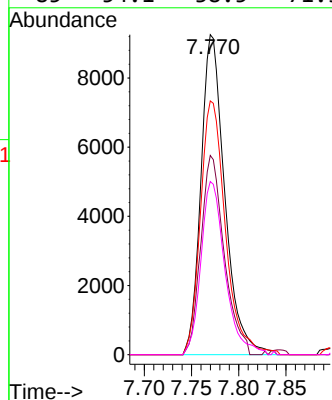
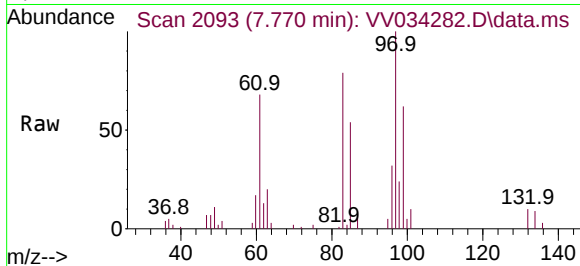




#45
1,1,2-Trichloroethane
Concen: 5.167 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

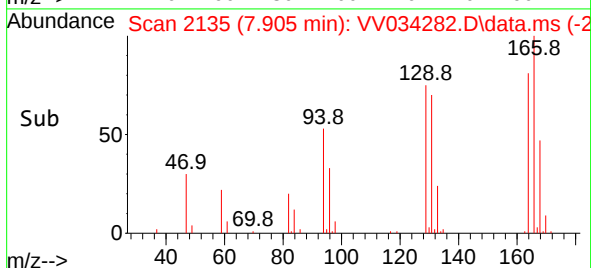
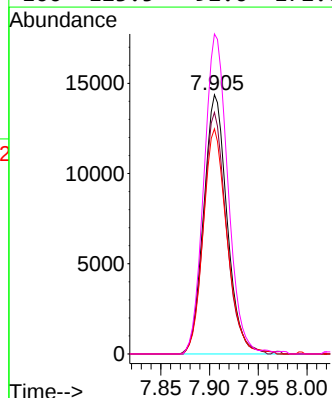
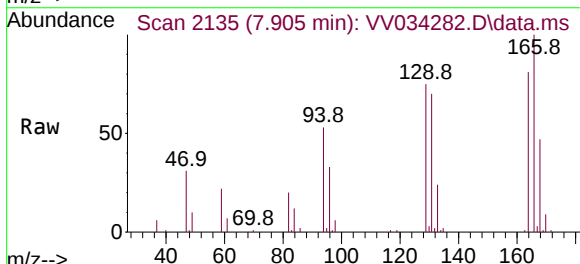
Instrument :
MSVOA_V
ClientSampleId :

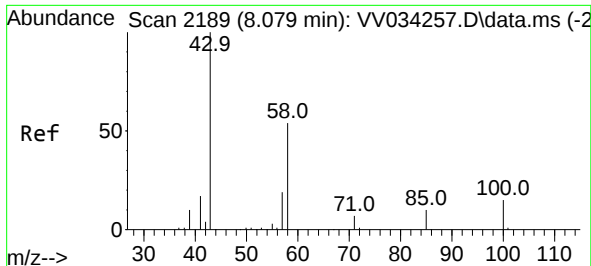
Tgt Ion: 97	Resp: 16251
Ion Ratio	Lower Upper
97 100	
99 62.2	45.6 84.6
83 79.3	62.3 115.7
85 54.1	38.5 71.5



#47
Tetrachloroethene
Concen: 4.856 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Tgt	Ion:164	Resp:	24013
Ion	Ratio	Lower	Upper
164	100		
129	93.2	67.8	125.8
131	86.8	63.0	117.0
166	123.5	92.6	172.0

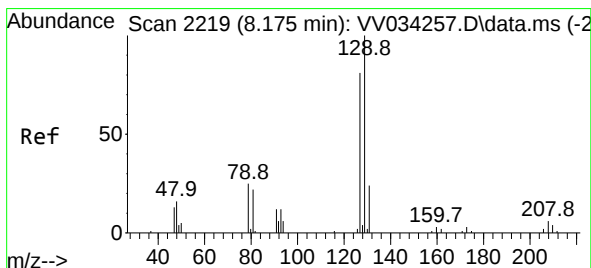
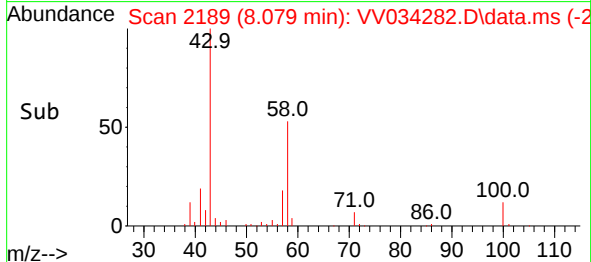
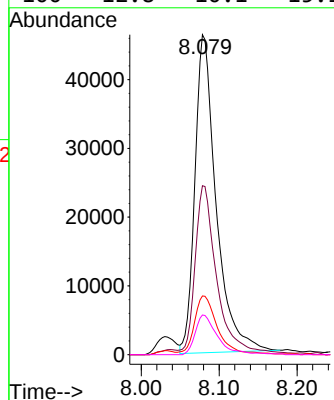
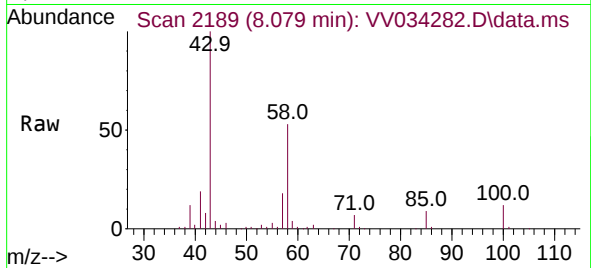




#48
2-Hexanone
Concen: 50.988 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

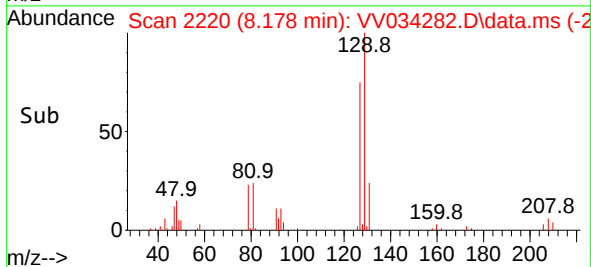
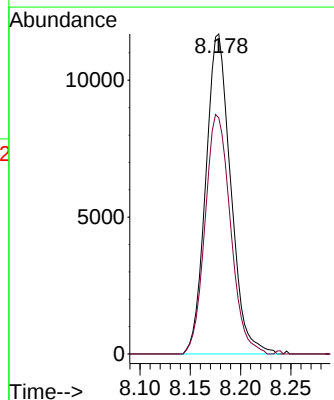
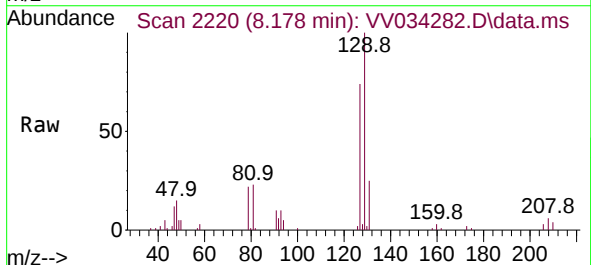
Instrument :
MSVOA_V
ClientSampleId :

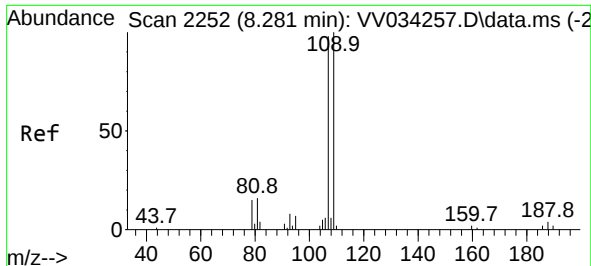
Tgt Ion:	43	Resp:	87672
Ion	Ratio	Lower	Upper
43	100		
58	53.4	42.6	64.0
57	19.6	15.5	23.3
100	12.8	10.1	15.1



#49
Dibromochloromethane
Concen: 5.400 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Tgt Ion:	129	Resp:	20183
Ion	Ratio	Lower	Upper
129	100		
127	73.8	53.5	99.5





#50

1,2-Dibromoethane

Concen: 5.323 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

Instrument :

MSVOA_V

ClientSampleId :

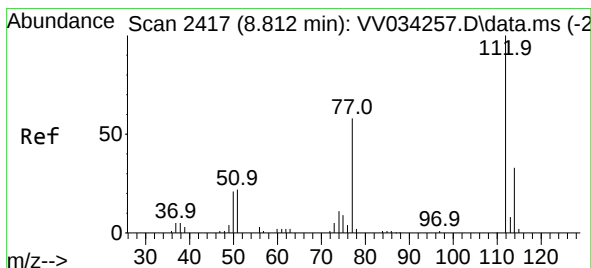
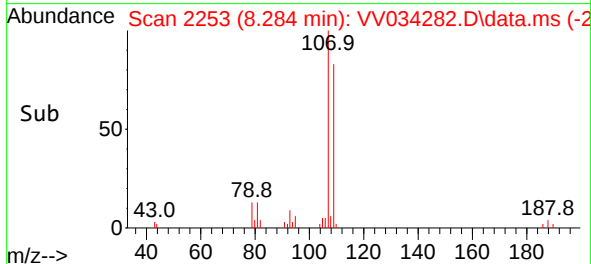
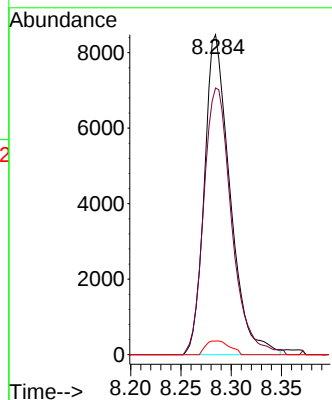
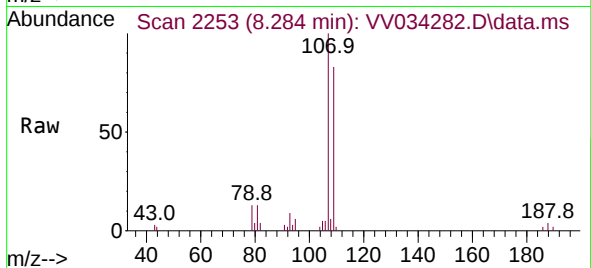
Tgt Ion:107 Resp: 15027

Ion Ratio Lower Upper

107 100

109 83.3 64.5 119.9

188 4.3 2.6 4.0#



#51

Chlorobenzene

Concen: 5.332 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

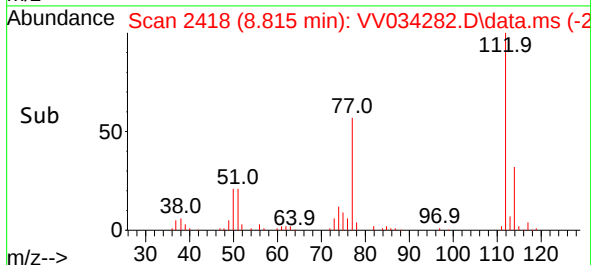
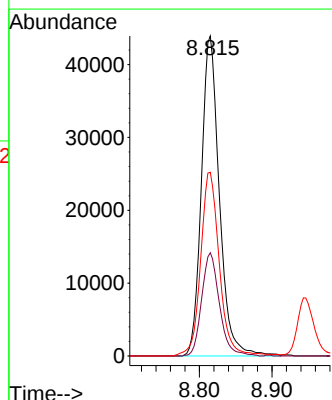
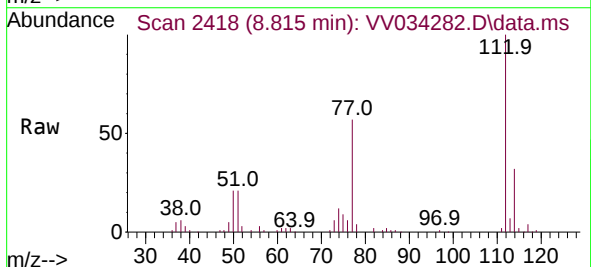
Tgt Ion:112 Resp: 75774

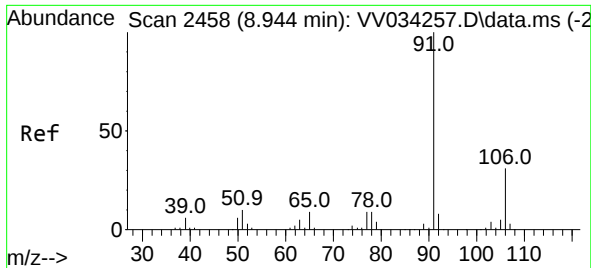
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

77 57.4 48.1 72.1

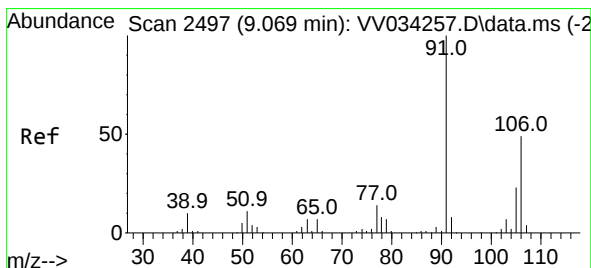
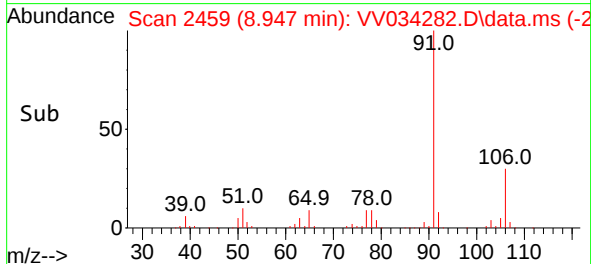
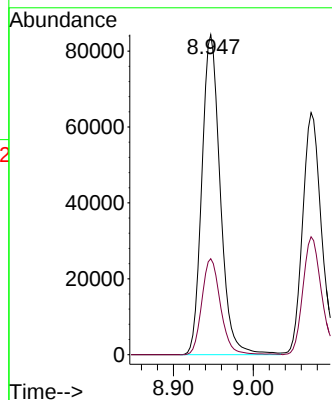
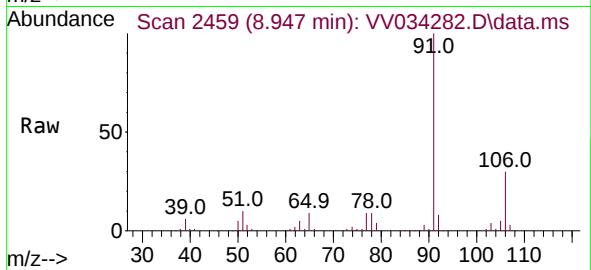




#52
Ethylbenzene
Concen: 5.223 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

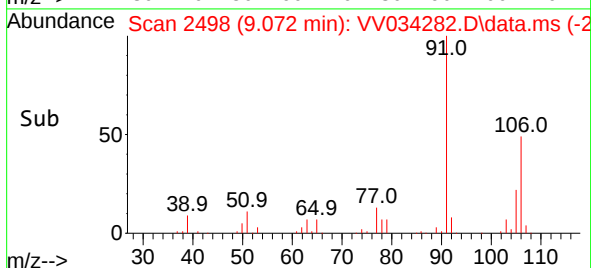
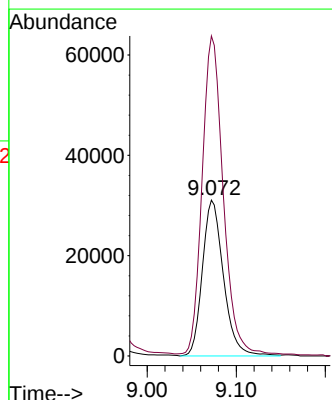
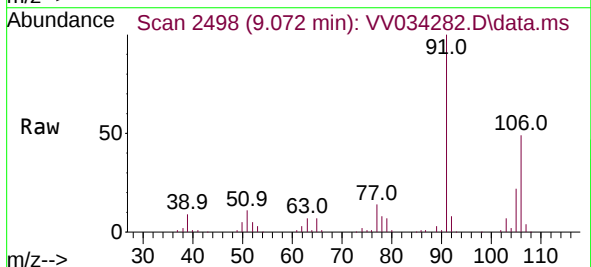
Instrument :
MSVOA_V
ClientSampleId :

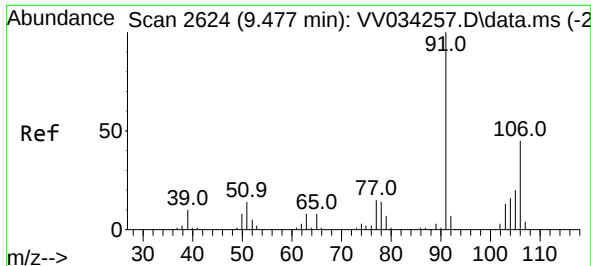
Tgt Ion: 91 Resp: 135124
Ion Ratio Lower Upper
91 100
106 30.0 21.4 39.8



#53
m,p-Xylene
Concen: 5.230 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Tgt Ion:106 Resp: 51130
Ion Ratio Lower Upper
106 100
91 205.2 147.5 273.9

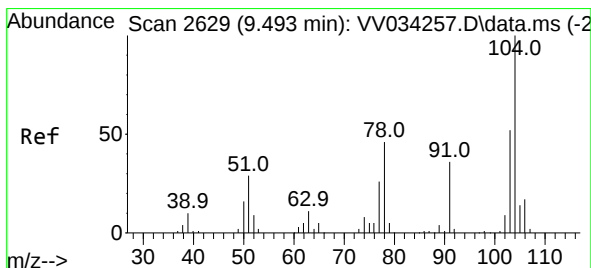
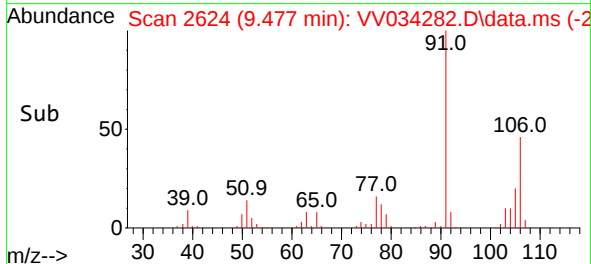
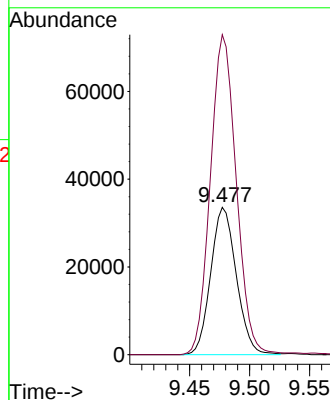
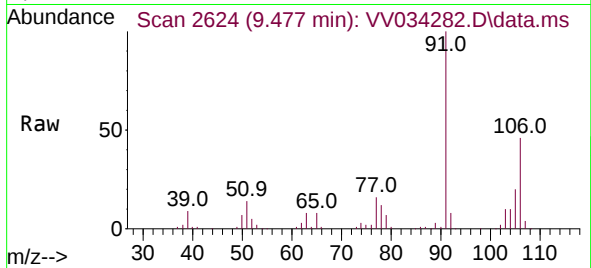




#54
o-Xylene
Concen: 5.289 ug/L
RT: 9.477 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

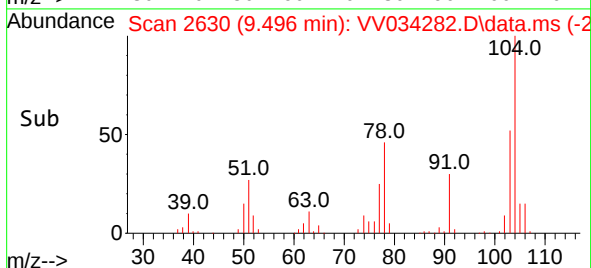
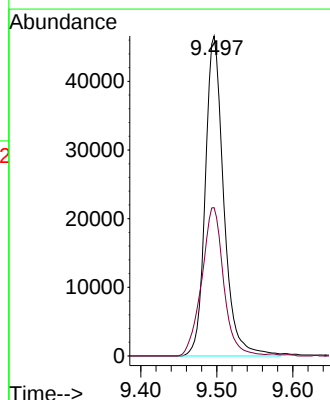
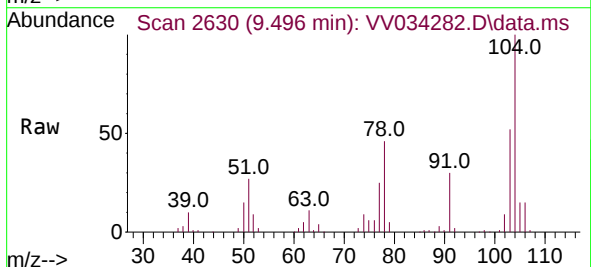
Instrument :
MSVOA_V
ClientSampleId :

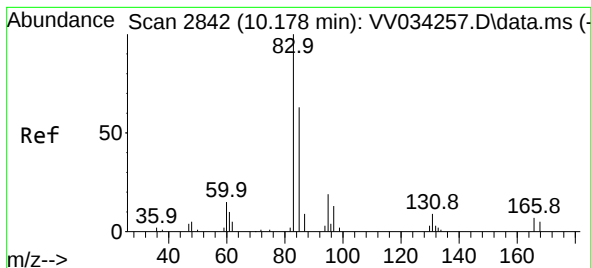
Tgt Ion:106 Resp: 49862
Ion Ratio Lower Upper
106 100
91 217.2 156.2 290.0



#55
Styrene
Concen: 5.214 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Tgt Ion:104 Resp: 78696
Ion Ratio Lower Upper
104 100
78 46.3 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.312 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.000 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

Instrument :

MSVOA_V

ClientSampleId :

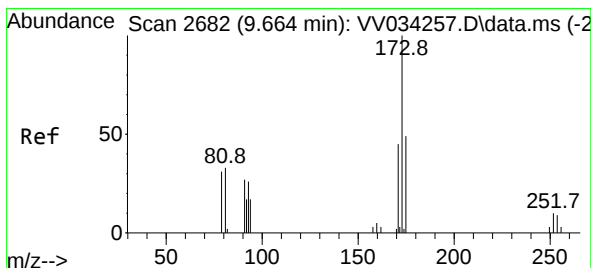
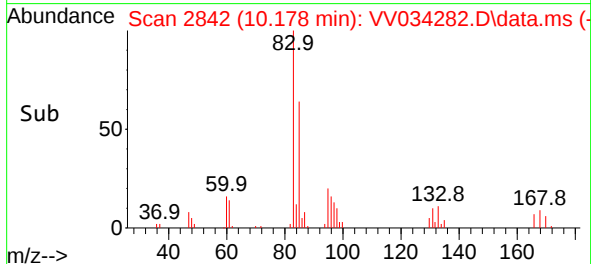
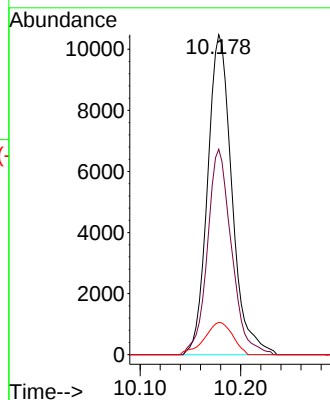
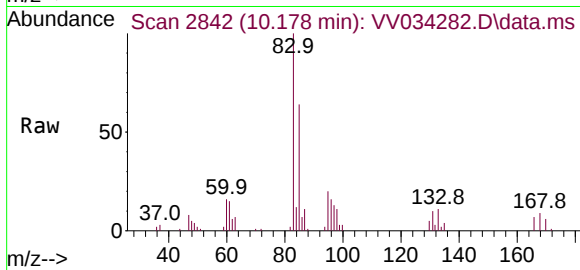
Tgt Ion: 83 Resp: 17635

Ion Ratio Lower Upper

83 100

85 64.2 46.5 86.3

131 10.1 8.4 12.6



#59

Bromoform

Concen: 4.687 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.003 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

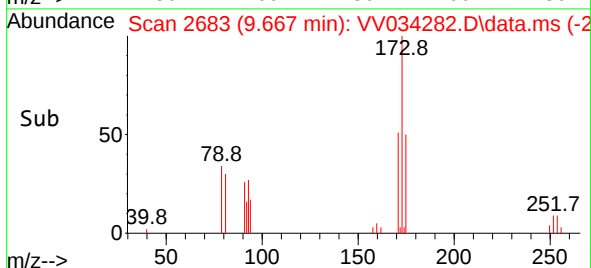
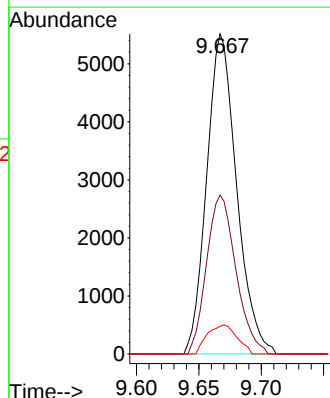
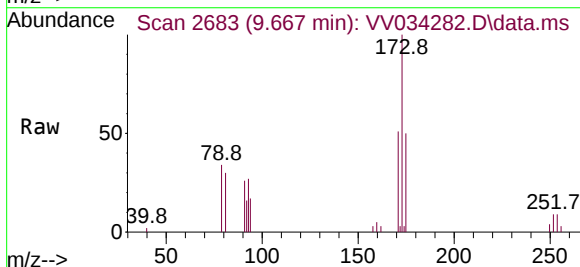
Tgt Ion: 173 Resp: 9221

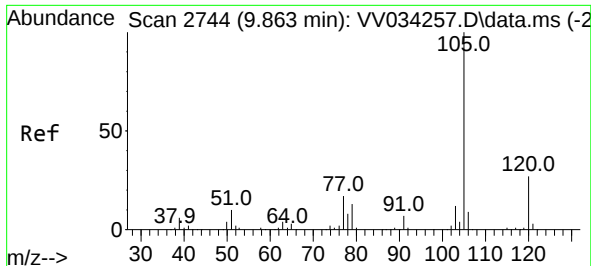
Ion Ratio Lower Upper

173 100

175 48.6 38.6 57.8

254 9.0 7.2 10.8

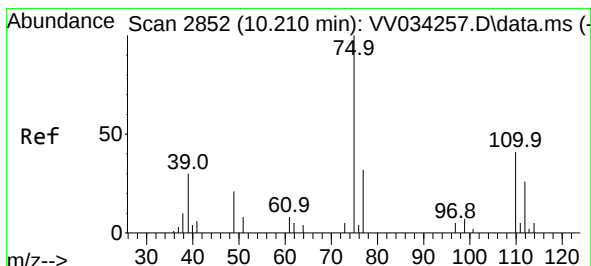
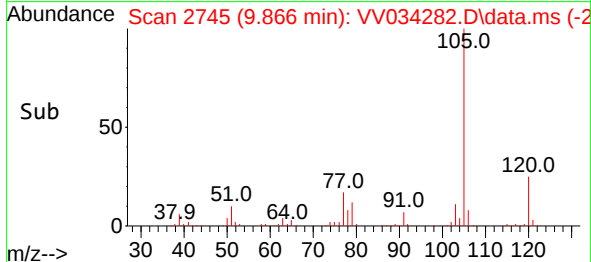
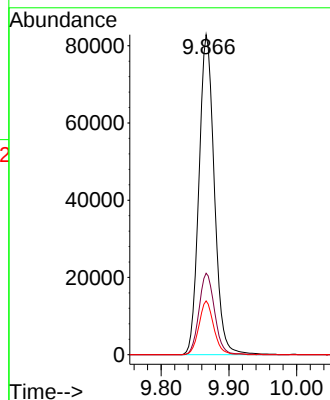
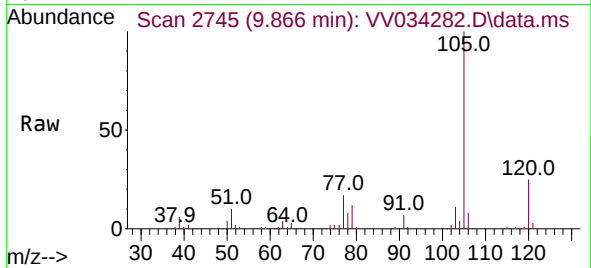




#60
Isopropylbenzene
Concen: 4.929 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

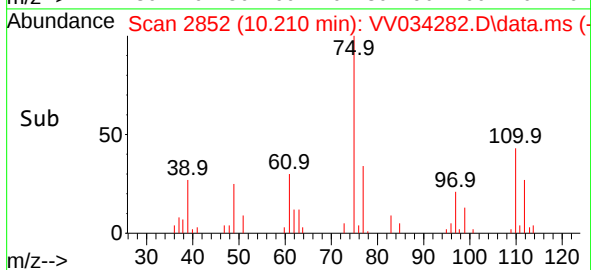
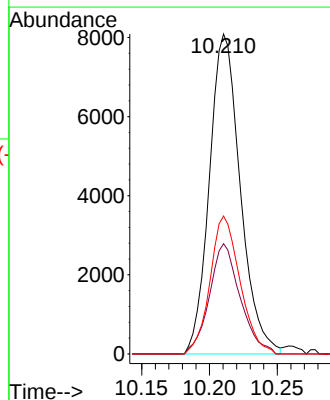
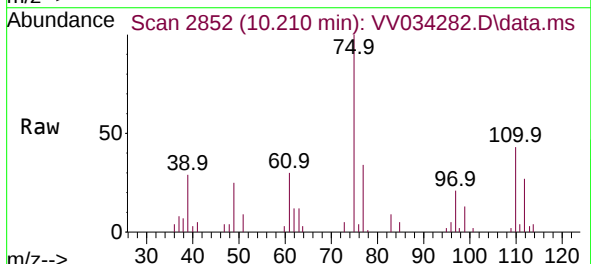
Instrument :
MSVOA_V
ClientSampleId :

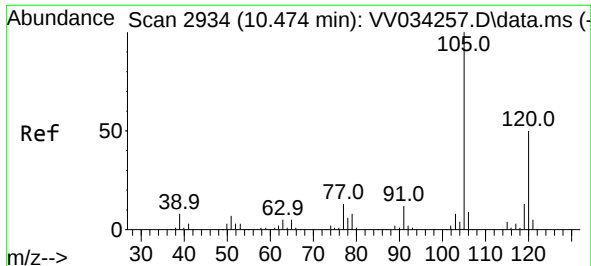
Tgt Ion:105 Resp: 130256
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.229 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Tgt Ion: 75 Resp: 12839
Ion Ratio Lower Upper
75 100
77 34.2 26.9 40.3
110 41.7 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 5.079 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034282.D

Acq: 20 Feb 2024 20:11

Instrument :

MSVOA_V

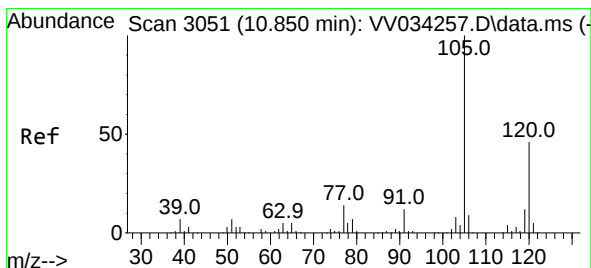
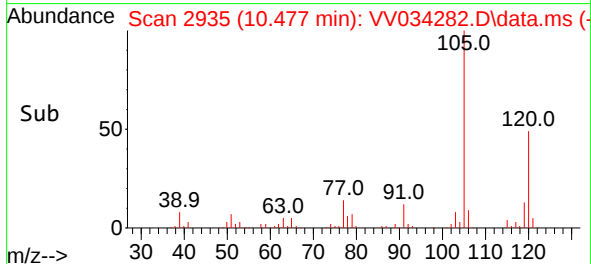
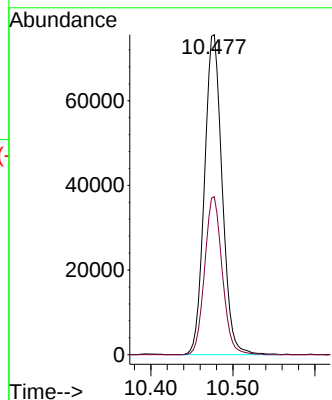
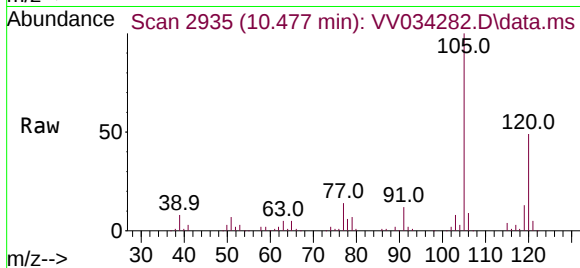
ClientSampleId :

Tgt Ion:105 Resp: 113472

Ion Ratio Lower Upper

105 100

120 49.0 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.132 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034282.D

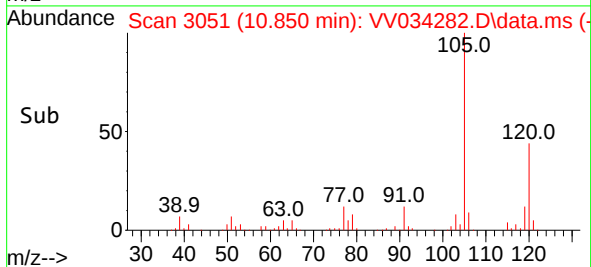
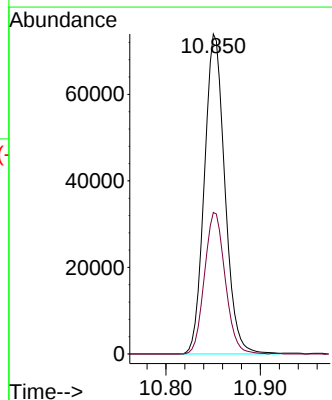
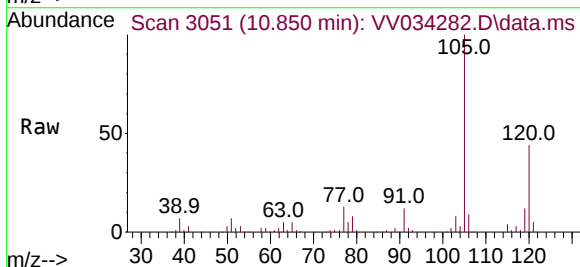
Acq: 20 Feb 2024 20:11

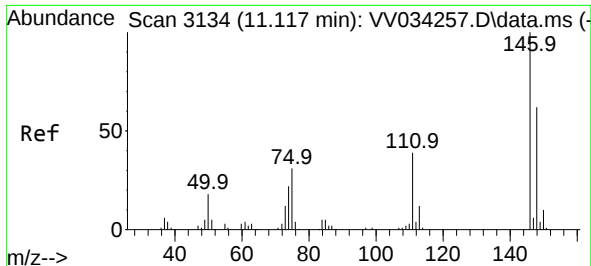
Tgt Ion:105 Resp: 111396

Ion Ratio Lower Upper

105 100

120 44.6 36.2 54.2

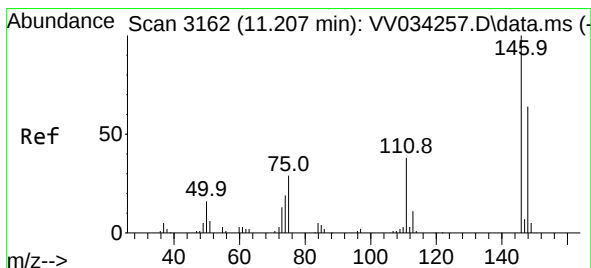
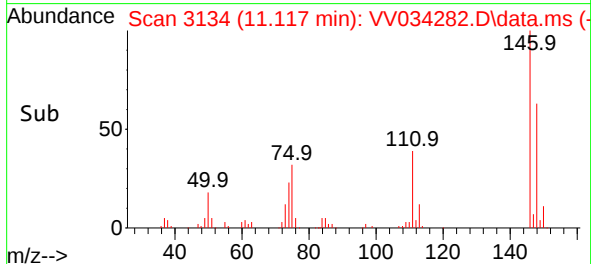
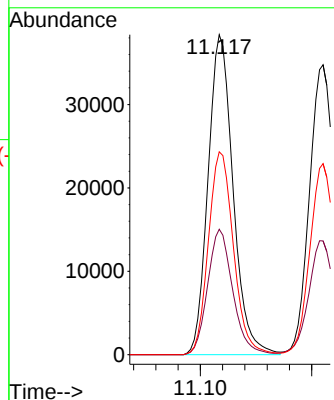
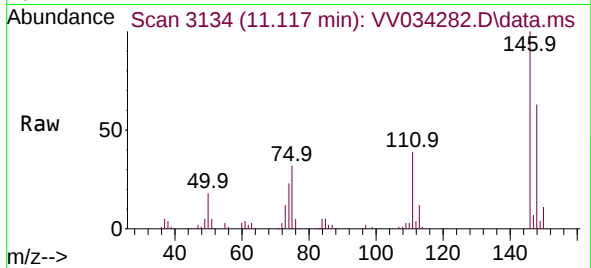




#64
1,3-Dichlorobenzene
Concen: 5.197 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

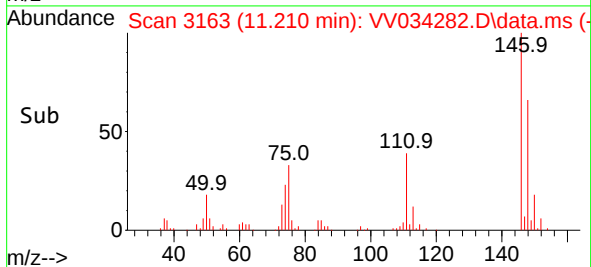
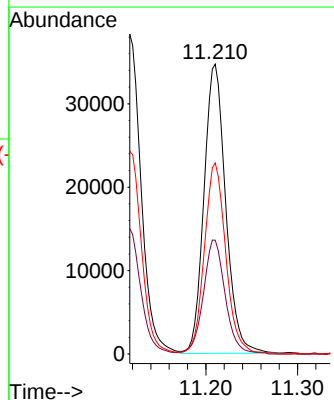
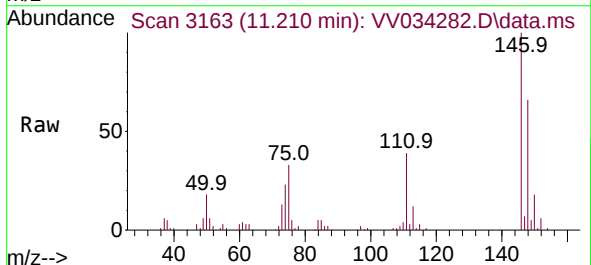
Instrument :
MSVOA_V
ClientSampleId :

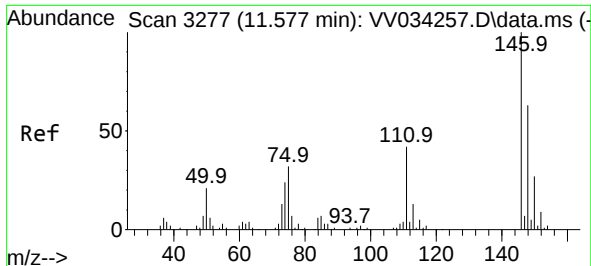
Tgt Ion:146 Resp: 59882
Ion Ratio Lower Upper
146 100
111 39.2 28.5 52.9
148 63.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.003 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Tgt Ion:146 Resp: 57089
Ion Ratio Lower Upper
146 100
111 39.2 27.6 51.4
148 65.9 44.8 83.2

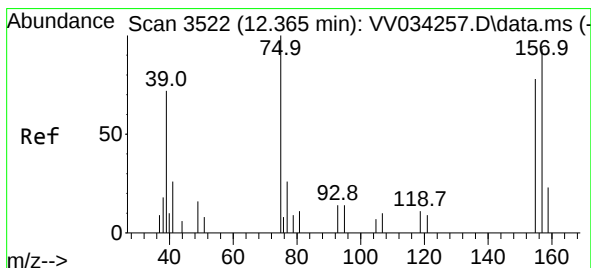
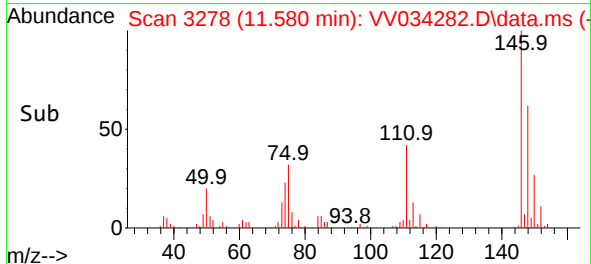
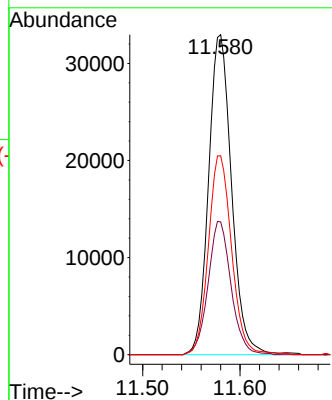
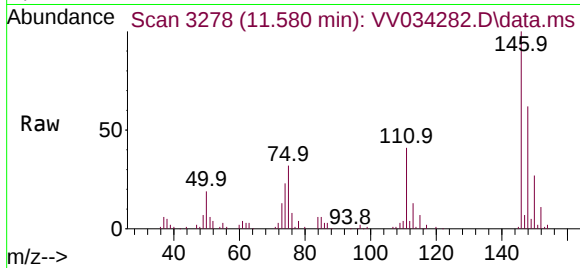




#67
 1,2-Dichlorobenzene
 Concen: 5.449 ug/L
 RT: 11.580 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV034282.D
 Acq: 20 Feb 2024 20:11

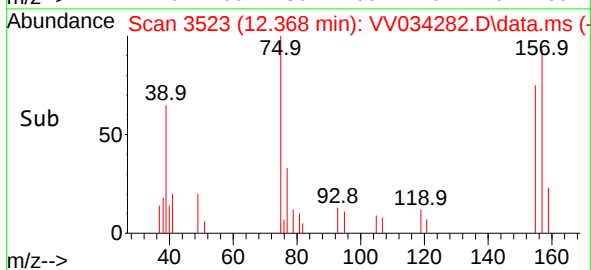
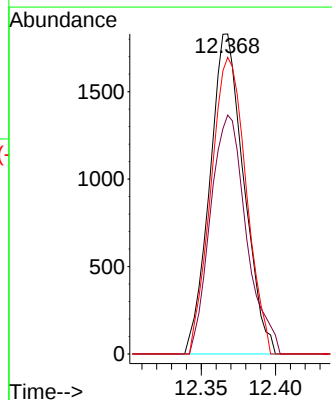
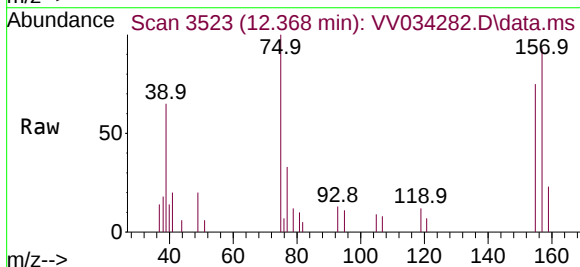
Instrument :
 MSVOA_V
 ClientSampleId :

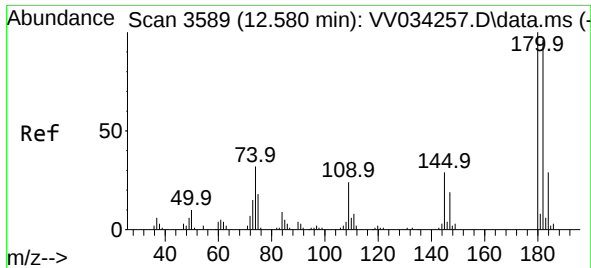
Tgt Ion:146 Resp: 53919
 Ion Ratio Lower Upper
 146 100
 111 41.5 31.2 46.8
 148 62.2 49.8 74.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.667 ug/L
 RT: 12.368 min Scan# 3523
 Delta R.T. 0.003 min
 Lab File: VV034282.D
 Acq: 20 Feb 2024 20:11

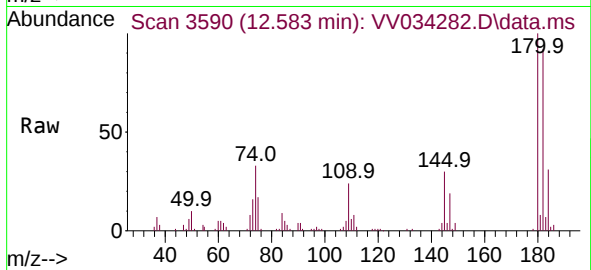
Tgt Ion: 75 Resp: 2916
 Ion Ratio Lower Upper
 75 100
 155 74.6 68.9 103.3
 157 92.7 84.6 127.0



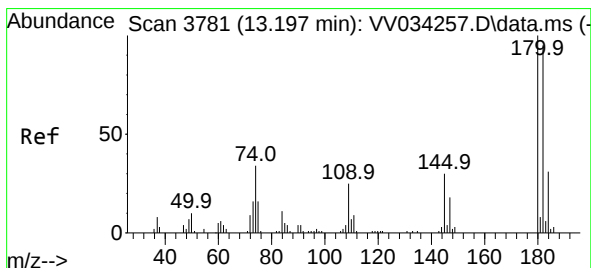
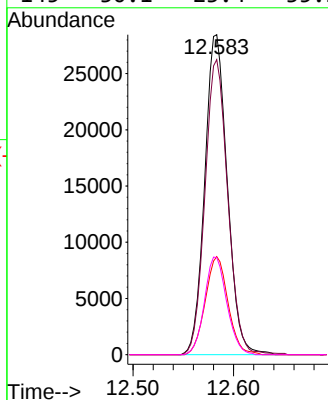
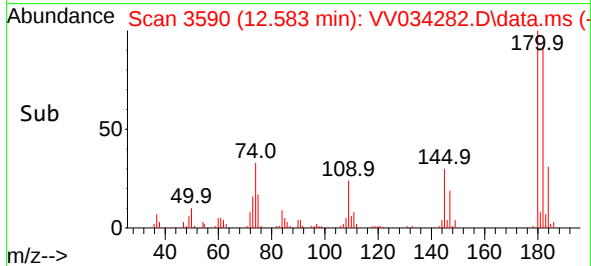


#69
1,3,5-Trichlorobenzene
Concen: 4.982 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

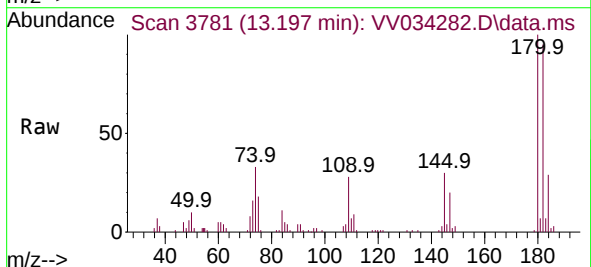
Instrument :
MSVOA_V
ClientSampleId :



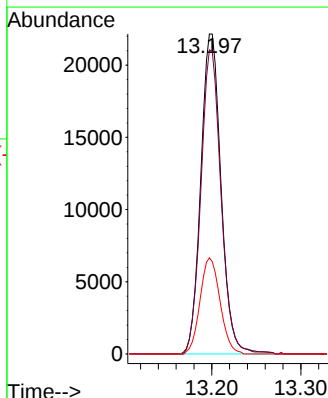
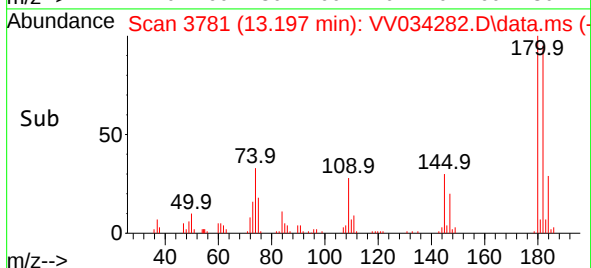
Tgt Ion:180 Resp: 44422
Ion Ratio Lower Upper
180 100
182 93.2 77.0 115.4
184 30.9 23.8 35.6
145 30.1 23.4 35.2

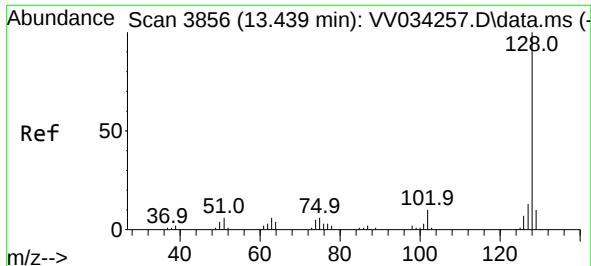


#70
1,2,4-trichlorobenzene
Concen: 5.019 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11



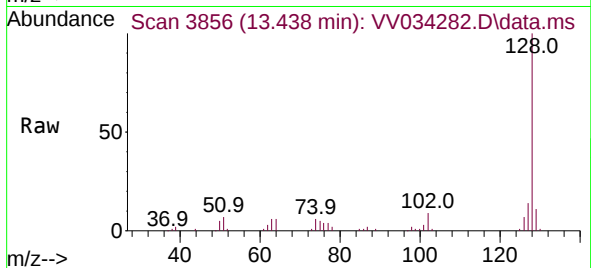
Tgt Ion:180 Resp: 34935
Ion Ratio Lower Upper
180 100
182 93.9 76.8 115.2
145 29.6 24.8 37.2



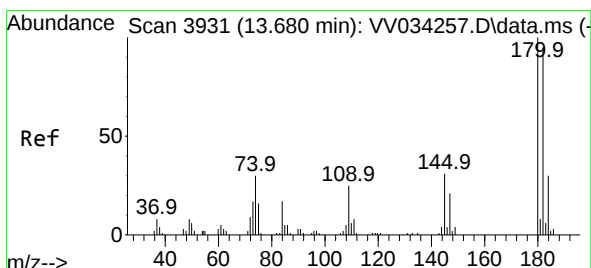
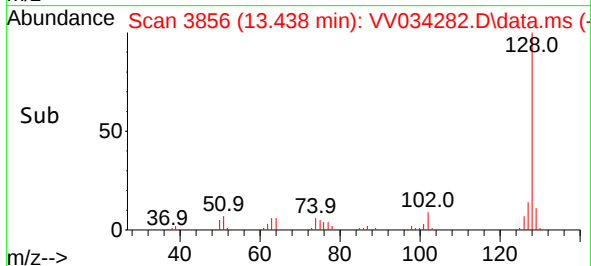
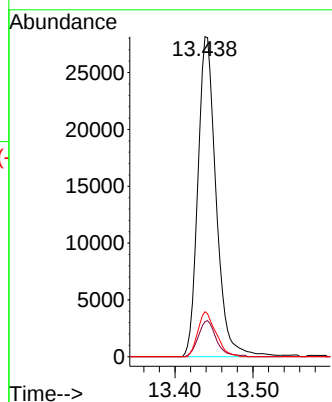


#71
Naphthalene
Concen: 5.020 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 45786
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.163 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV034282.D
Acq: 20 Feb 2024 20:11

Tgt Ion:180 Resp: 28801
Ion Ratio Lower Upper
180 100
182 95.4 75.0 112.6
145 31.5 25.2 37.8

