

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021624\
 Data File : VW034227.D
 Acq On : 16 Feb 2024 19:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 19 00:47:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 19 00:41:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	72132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	66658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	35101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24158	4.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.532	69	20391	4.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.060	65	11827	4.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.841	46	36306	38.696	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.400%
24) Chloroform-d	4.253	84	47781	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	4.947	65	22404	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	4.963	84	83810	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	5.992	67	22424	4.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.243	98	80263	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.558	79	9447	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.031	63	30083	39.922	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.840%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	14522	4.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	28673	4.492	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	24360	3.685	ug/L	98
3) Chloromethane	1.214	50	28985	4.020	ug/L	99
5) Vinyl chloride	1.282	62	29806	4.326	ug/L	91
6) Bromomethane	1.491	94	14810	4.082	ug/L	98
8) Chloroethane	1.552	64	20009	4.257	ug/L	100
9) Trichlorofluoromethane	1.716	101	52338	5.271	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	26668	5.138	ug/L	98
12) 1,1-Dichloroethene	2.069	96	26189	5.197	ug/L	98
13) Acetone	2.156	43	33636	47.256	ug/L #	43
14) Carbon disulfide	2.240	76	71116	4.362	ug/L	99
15) Methyl Acetate	2.391	43	6224	3.695	ug/L	97
16) Methylene chloride	2.449	84	24073	4.979	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	55062	5.318	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	24011	4.678	ug/L	99
19) 1,1-Dichloroethane	3.114	63	45117	4.784	ug/L	93
21) 2-Butanone	3.915	43	44943	47.781	ug/L #	78
22) cis-1,2-Dichloroethene	3.818	96	26312	4.519	ug/L	97
23) Bromochloromethane	4.153	128	10460	5.167	ug/L	91
25) Chloroform	4.278	83	48329	5.069	ug/L	99

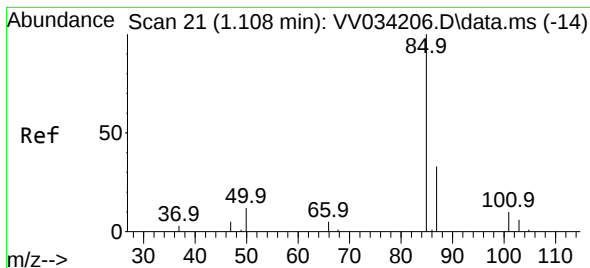
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021624\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 19 00:41:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	27847	5.101	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	45556	5.090	ug/L	98
30) Cyclohexane	4.584	56	36883	4.238	ug/L	94
31) Carbon tetrachloride	4.735	117	41294	5.273	ug/L	99
33) Benzene	5.011	78	95104	4.757	ug/L	100
34) Trichloroethene	5.834	95	26332	4.551	ug/L	97
35) Methylcyclohexane	6.050	83	39634	4.364	ug/L	97
37) 1,2-Dichloropropane	6.095	63	20234	4.178	ug/L	100
38) Bromodichloromethane	6.436	83	31885	5.016	ug/L	96
39) cis-1,3-Dichloropropene	6.957	75	33645	4.566	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	115697	49.889	ug/L	99
42) Toluene	7.317	91	106690	4.993	ug/L	95
44) trans-1,3-Dichloropropene	7.584	75	27998	4.949	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	14509	4.852	ug/L	97
47) Tetrachloroethene	7.905	164	21567	4.587	ug/L	95
48) 2-Hexanone	8.082	43	80982	49.539	ug/L	99
49) Dibromochloromethane	8.178	129	18579	5.228	ug/L	97
50) 1,2-Dibromoethane	8.285	107	13507	5.032	ug/L #	97
51) Chlorobenzene	8.815	112	66622	4.931	ug/L	96
52) Ethylbenzene	8.947	91	119308	4.851	ug/L	98
53) m,p-Xylene	9.072	106	44463	4.784	ug/L	96
54) o-Xylene	9.477	106	43754	4.882	ug/L	100
55) Styrene	9.497	104	70567	4.917	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	15715	4.979	ug/L	96
59) Bromoform	9.667	173	9350	4.835	ug/L	97
60) Isopropylbenzene	9.866	105	115143	4.433	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	12291	5.093	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	103185	4.699	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	100171	4.695	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	54329	4.797	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	51228	4.568	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	48847	5.022	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2570	5.082	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	39425	4.498	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	31669	4.629	ug/L	98
71) Naphthalene	13.442	128	41891	4.673	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	27299	4.980	ug/L	100

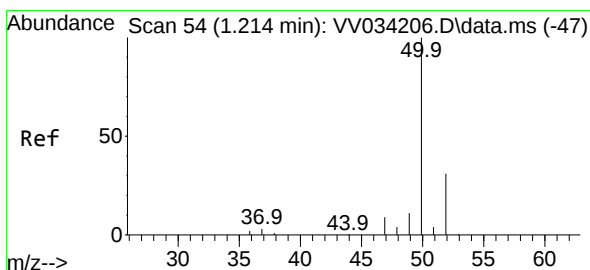
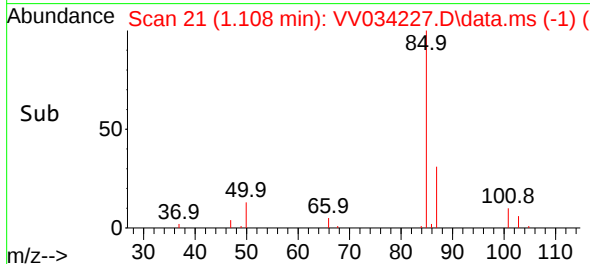
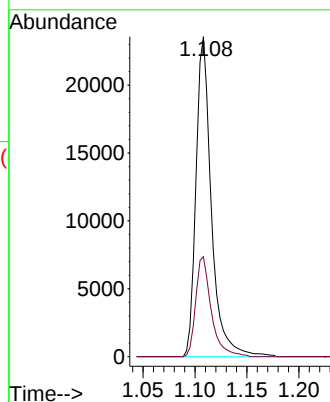
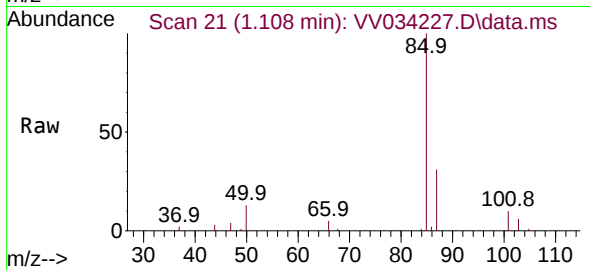
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#2
Dichlorodifluoromethane
Concen: 3.685 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

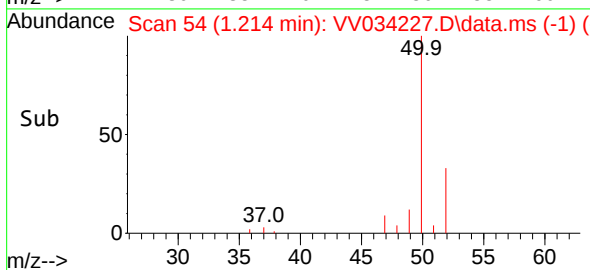
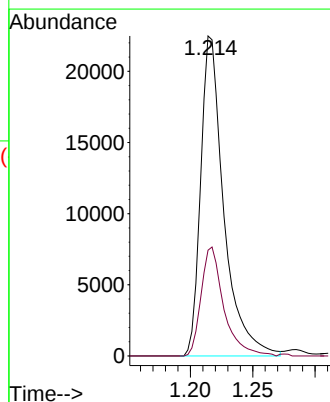
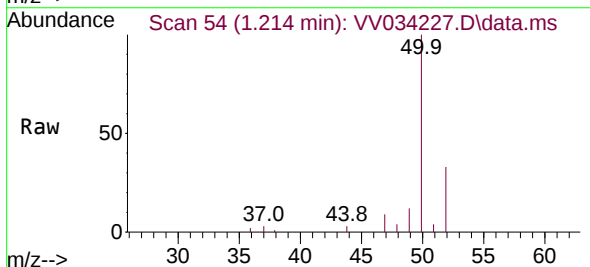
Instrument :
MSVOA_V
ClientSampleId :

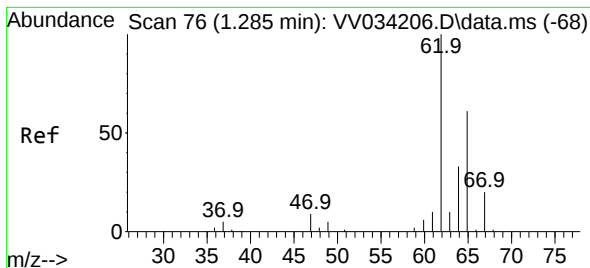
Tgt Ion: 85 Resp: 24360
Ion Ratio Lower Upper
85 100
87 31.5 26.2 39.4



#3
Chloromethane
Concen: 4.020 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Tgt Ion: 50 Resp: 28985
Ion Ratio Lower Upper
50 100
52 33.1 23.4 43.4





#5

Vinyl chloride

Concen: 4.326 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Instrument :

MSVOA_V

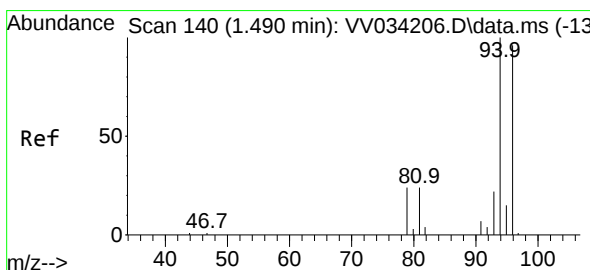
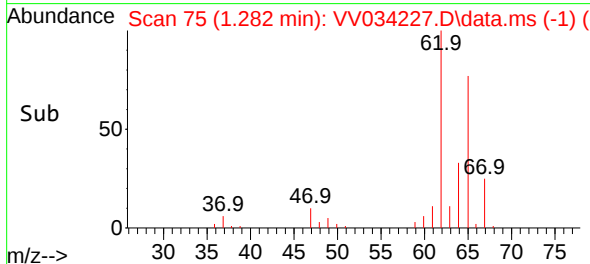
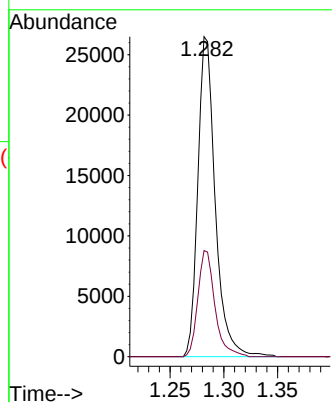
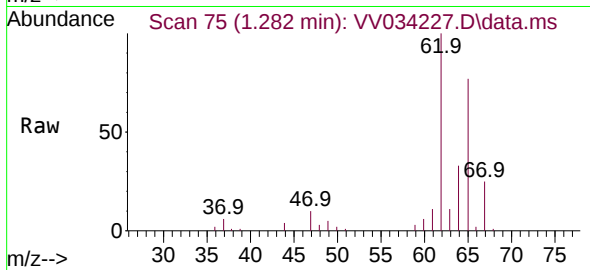
ClientSampleId :

Tgt Ion: 62 Resp: 29806

Ion Ratio Lower Upper

62 100

64 33.2 27.2 50.4



#6

Bromomethane

Concen: 4.082 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV034227.D

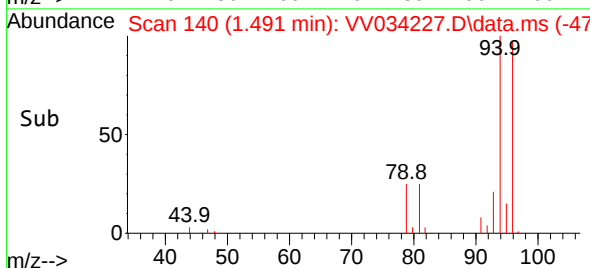
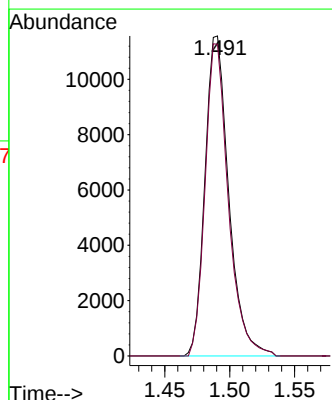
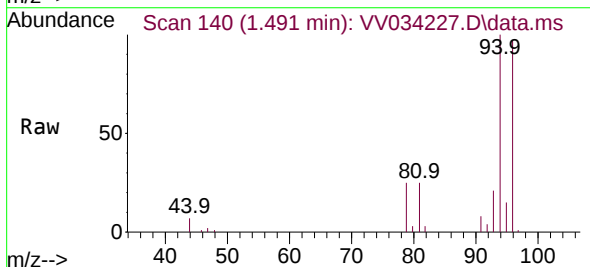
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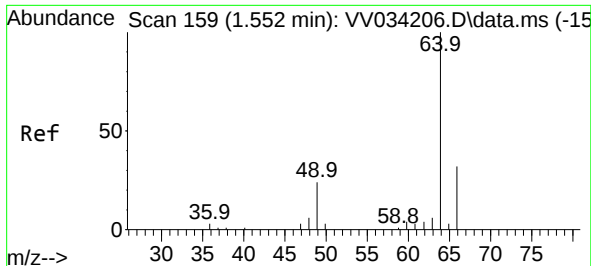
Tgt Ion: 94 Resp: 14810

Ion Ratio Lower Upper

94 100

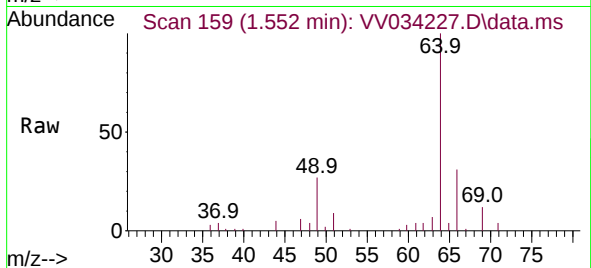
96 97.4 66.6 123.8



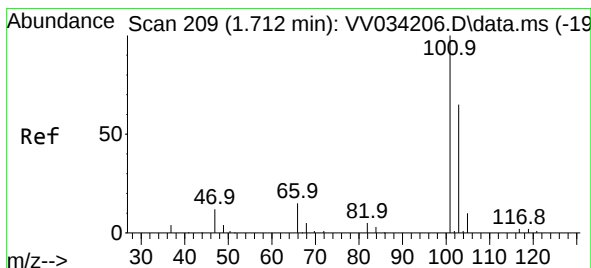
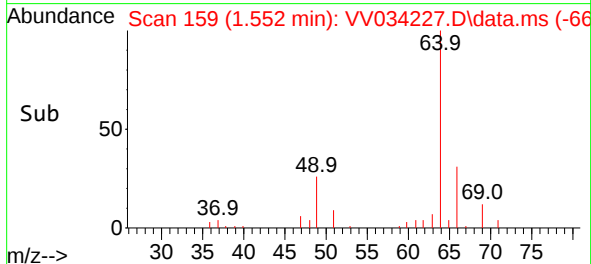
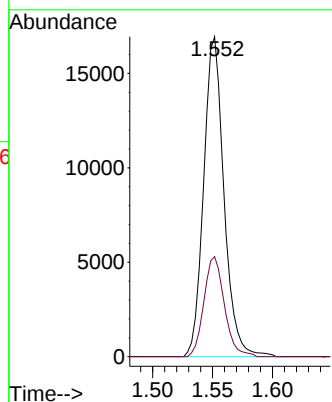


#8
Chloroethane
Concen: 4.257 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Instrument :
MSVOA_V
ClientSampleId :

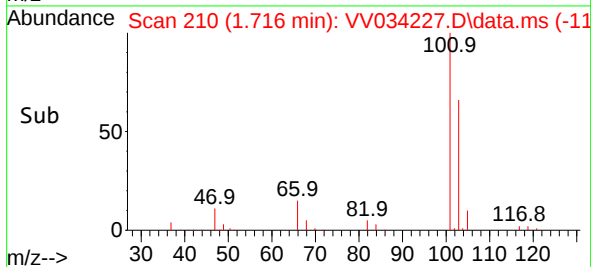
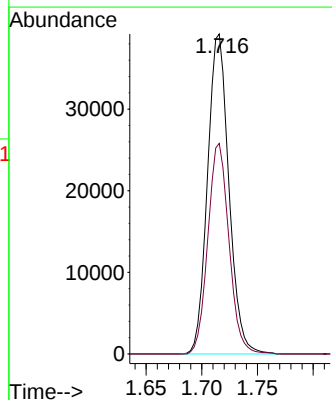
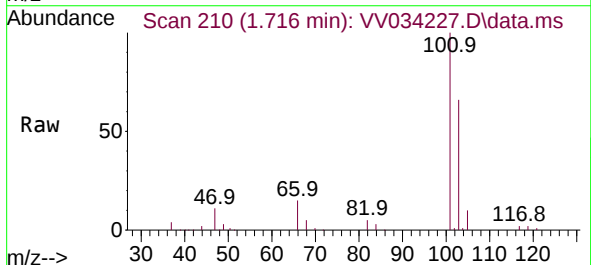


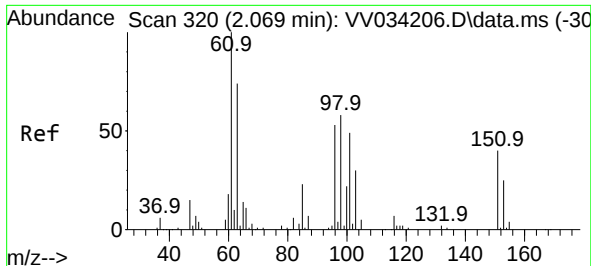
Tgt Ion: 64 Resp: 20009
Ion Ratio Lower Upper
64 100
66 31.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.271 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Tgt Ion: 101 Resp: 52338
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.4

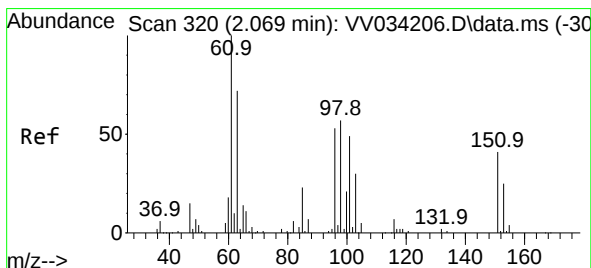
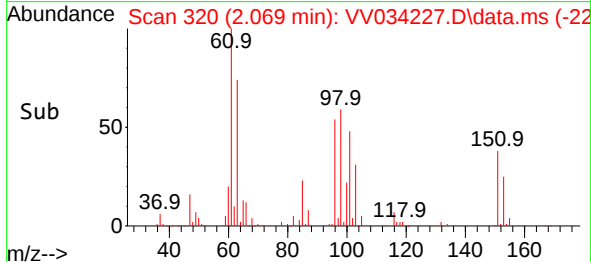
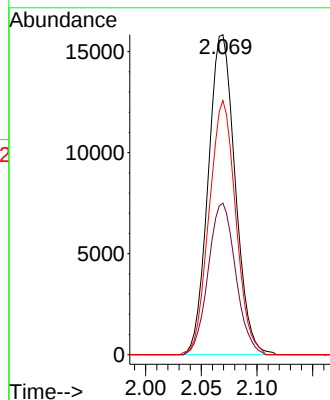
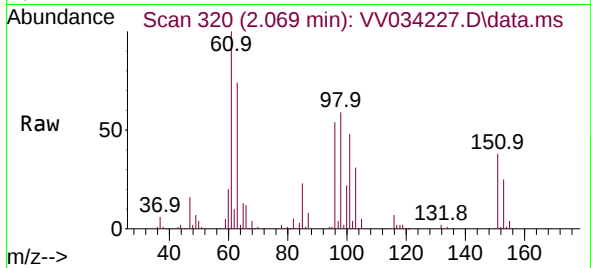




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.138 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034227.D
 Acq: 16 Feb 2024 19:16

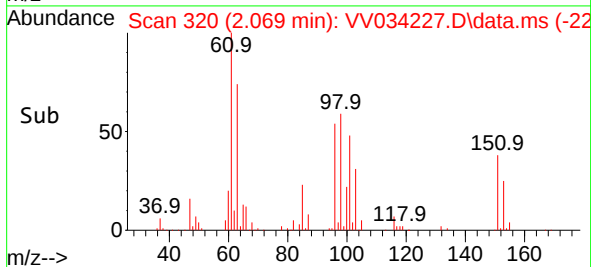
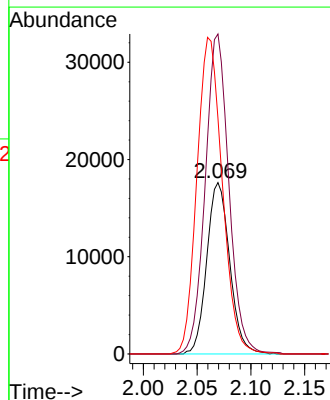
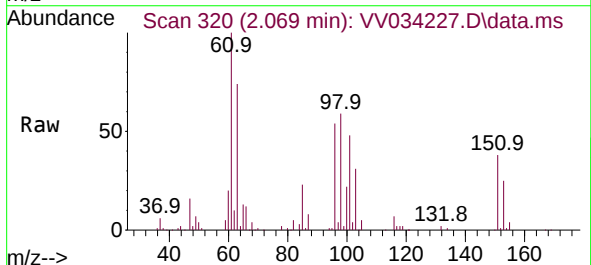
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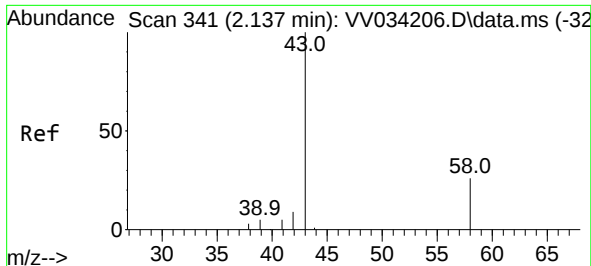
Tgt Ion:101 Resp: 26668
 Ion Ratio Lower Upper
 101 100
 85 48.0 37.1 55.7
 151 78.4 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.197 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034227.D
 Acq: 16 Feb 2024 19:16

Tgt Ion: 96 Resp: 26189
 Ion Ratio Lower Upper
 96 100
 61 186.7 128.8 239.2
 63 137.5 97.9 181.9





#13

Acetone

Concen: 47.256 ug/L

RT: 2.156 min Scan# 341

Delta R.T. 0.019 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Instrument :

MSVOA_V

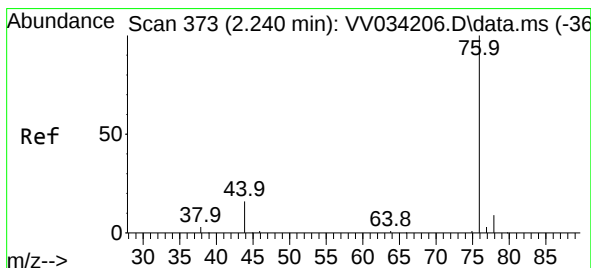
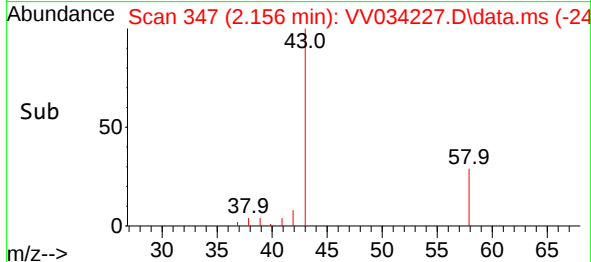
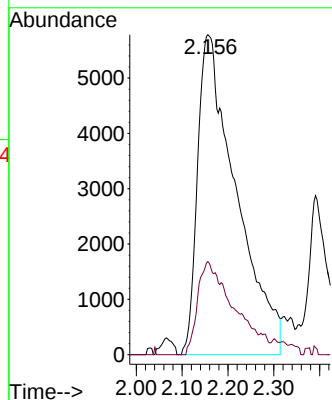
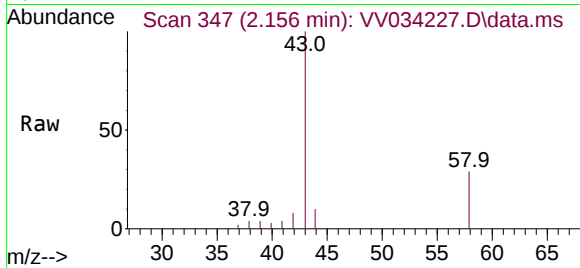
ClientSampleId :

Tgt Ion: 43 Resp: 33636

Ion Ratio Lower Upper

43 100

58 26.4 0.0 13.8#



#14

Carbon disulfide

Concen: 4.362 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034227.D

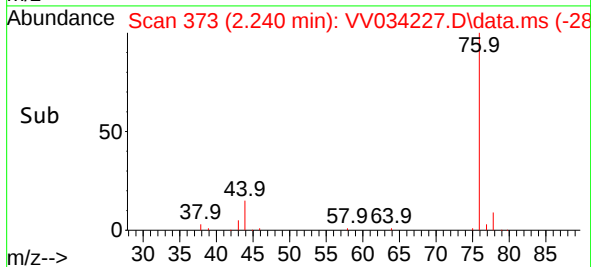
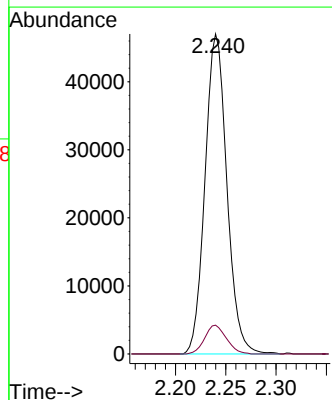
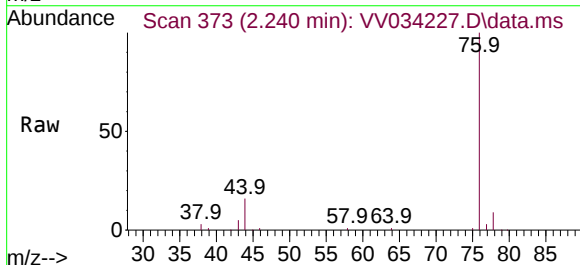
Acq: 16 Feb 2024 19:16

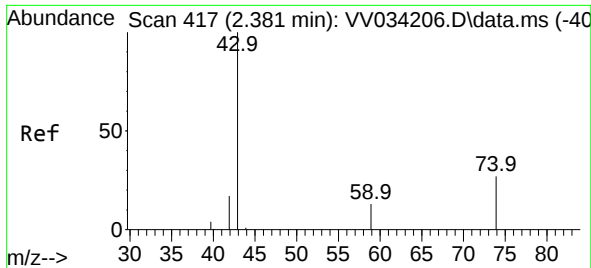
Tgt Ion: 76 Resp: 71116

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 3.695 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.010 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Instrument :

MSVOA_V

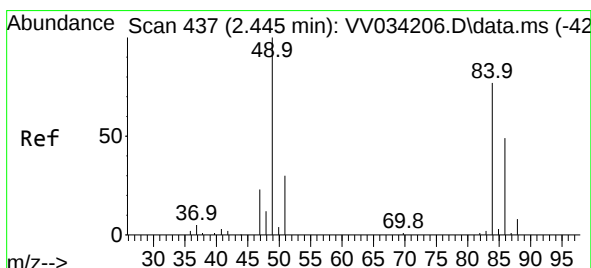
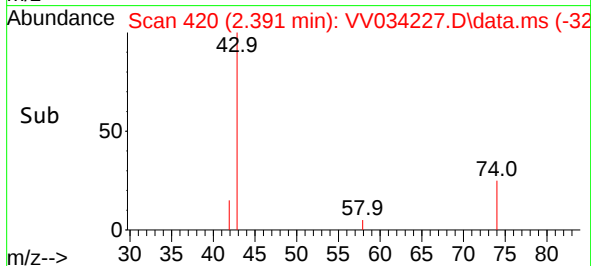
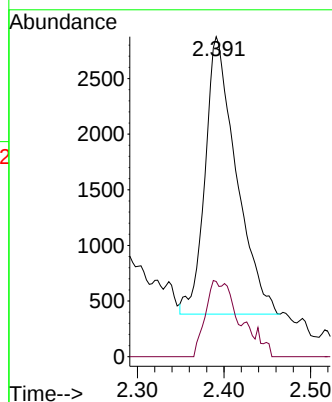
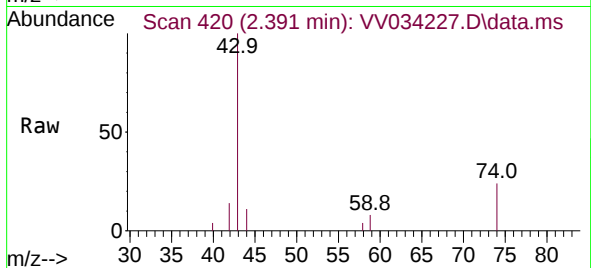
ClientSampleId :

Tgt Ion: 43 Resp: 6224

Ion Ratio Lower Upper

43 100

74 24.5 18.2 27.4



#16

Methylene chloride

Concen: 4.979 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

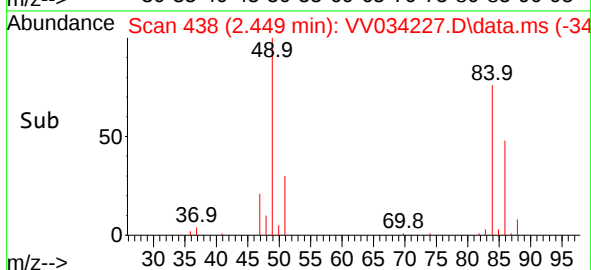
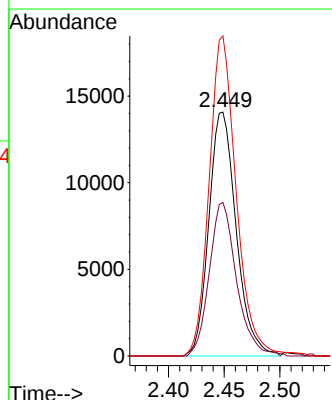
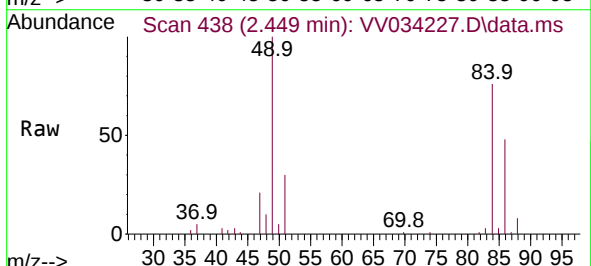
Tgt Ion: 84 Resp: 24073

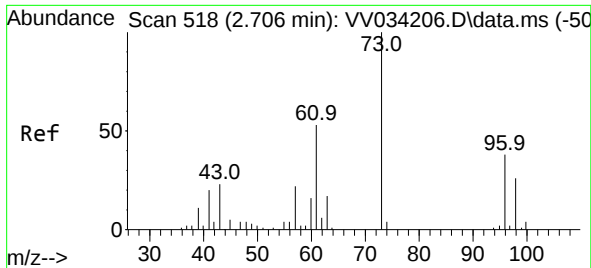
Ion Ratio Lower Upper

84 100

86 63.0 44.7 83.1

49 131.2 93.7 173.9

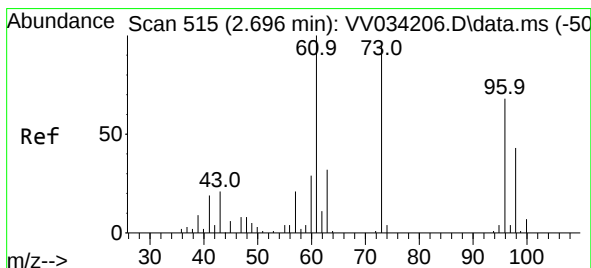
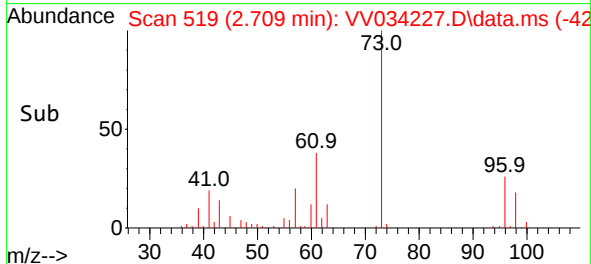
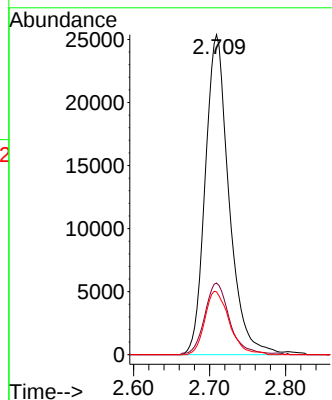
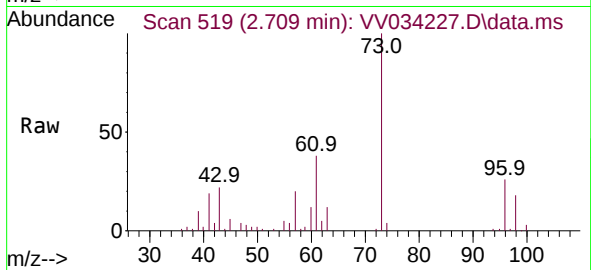




#17
Methyl tert-butyl Ether
Concen: 5.318 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

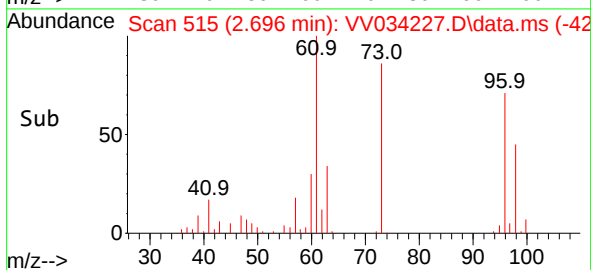
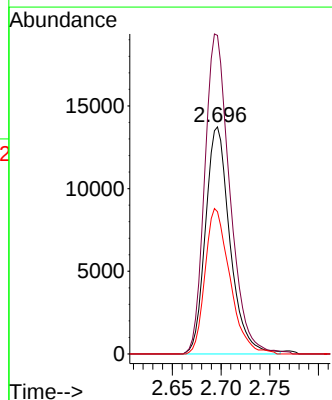
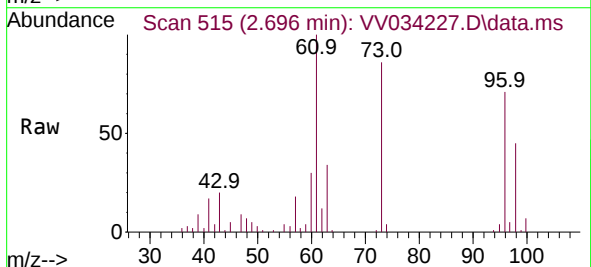
Instrument :
MSVOA_V
ClientSampleId :

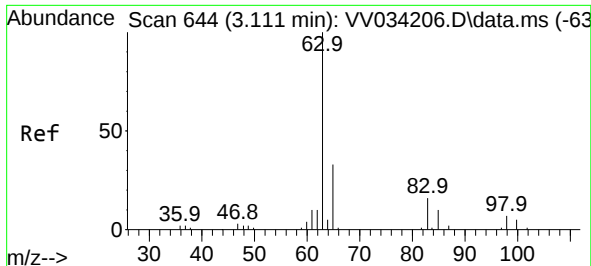
Tgt Ion: 73 Resp: 55062
Ion Ratio Lower Upper
73 100
43 23.5 17.7 26.5
57 20.4 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.678 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Tgt Ion: 96 Resp: 24011
Ion Ratio Lower Upper
96 100
61 140.3 97.6 181.4
98 62.6 44.4 82.5





#19

1,1-Dichloroethane

Concen: 4.784 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

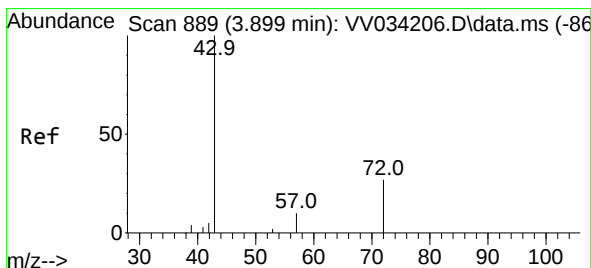
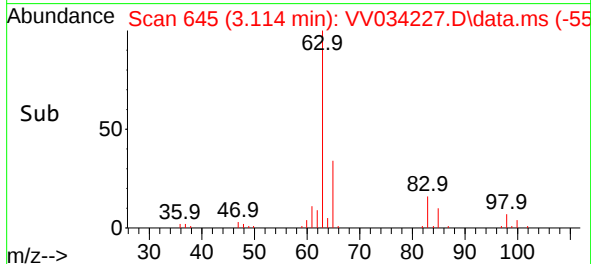
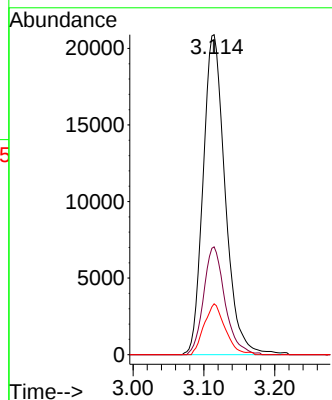
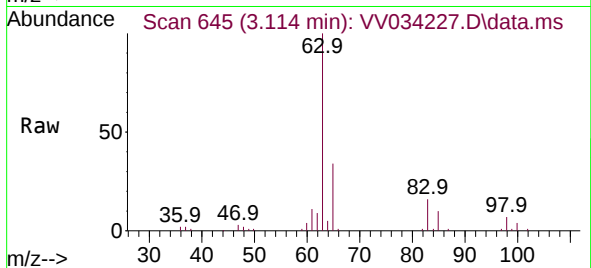
Tgt Ion: 63 Resp: 45117

Ion Ratio Lower Upper

63 100

65 33.7 20.8 38.6

83 15.9 9.4 17.4



#21

2-Butanone

Concen: 47.781 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.016 min

Lab File: VV034227.D

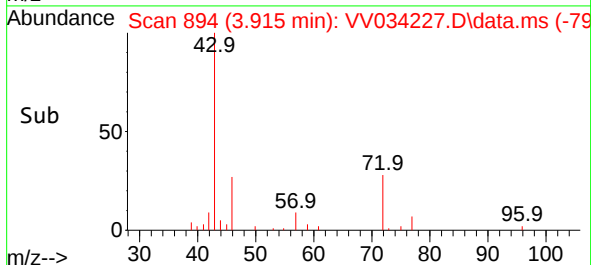
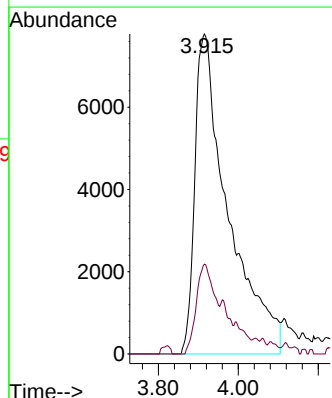
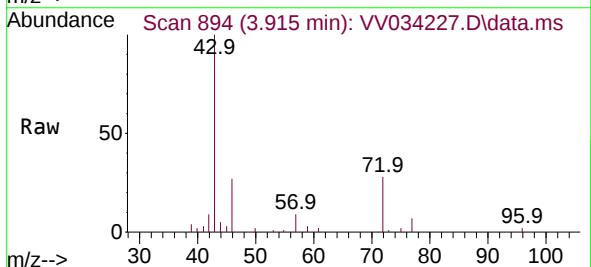
Acq: 16 Feb 2024 19:16

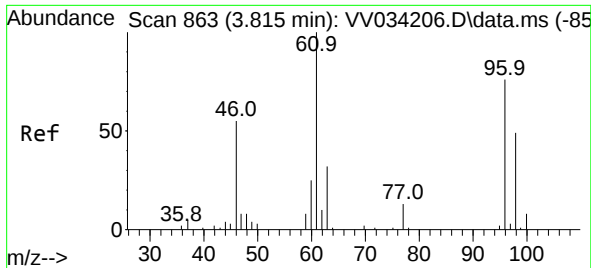
Tgt Ion: 43 Resp: 44943

Ion Ratio Lower Upper

43 100

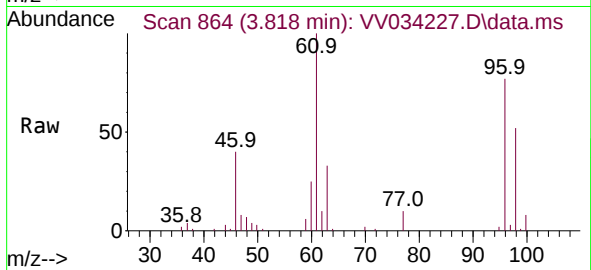
72 15.5 4.0 11.9#



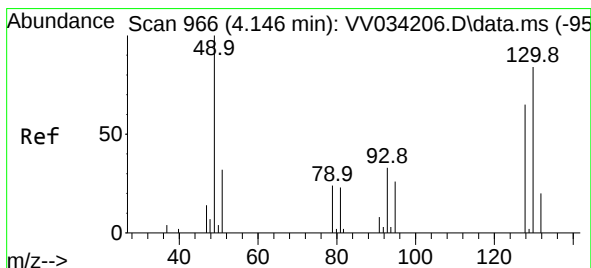
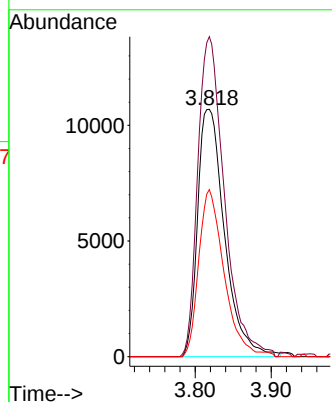
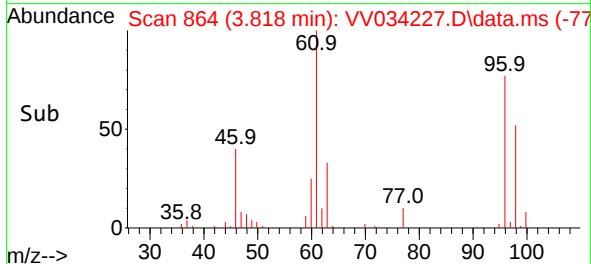


#22
 cis-1,2-Dichloroethene
 Concen: 4.519 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV034227.D
 Acq: 16 Feb 2024 19:16

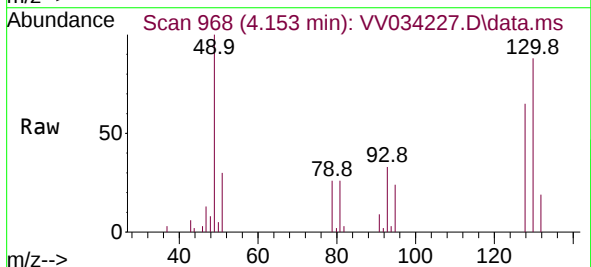
Instrument :
 MSVOA_V
 ClientSampleId :



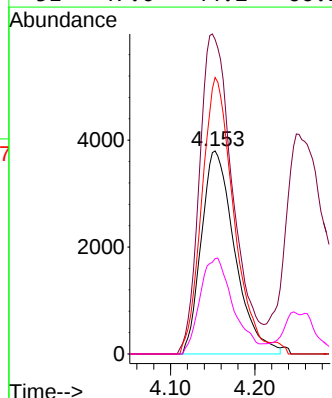
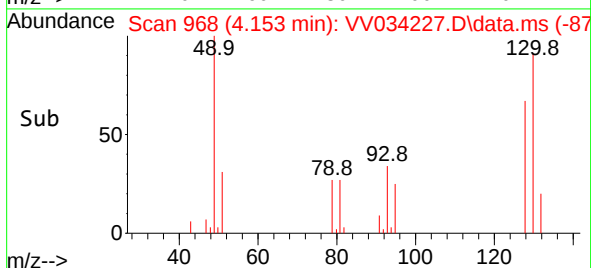
Tgt Ion: 96 Resp: 26312
 Ion Ratio Lower Upper
 96 100
 61 129.4 90.3 167.7
 98 67.5 43.2 80.2

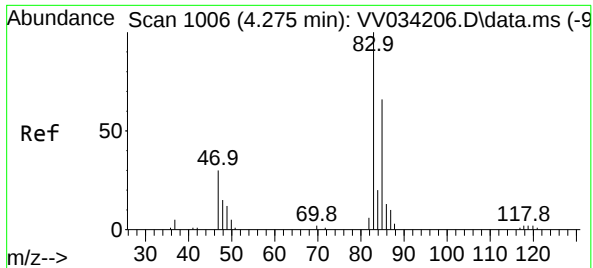


#23
 Bromochloromethane
 Concen: 5.167 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.007 min
 Lab File: VV034227.D
 Acq: 16 Feb 2024 19:16



Tgt Ion: 128 Resp: 10460
 Ion Ratio Lower Upper
 128 100
 49 155.0 120.5 223.7
 130 136.2 93.4 173.4
 51 47.0 44.2 66.2

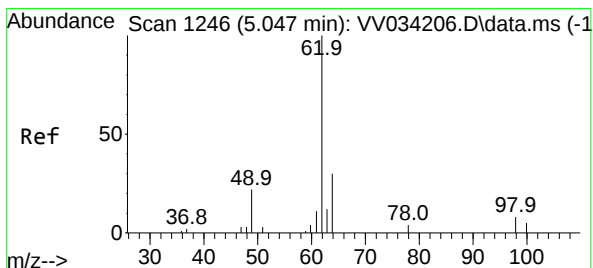
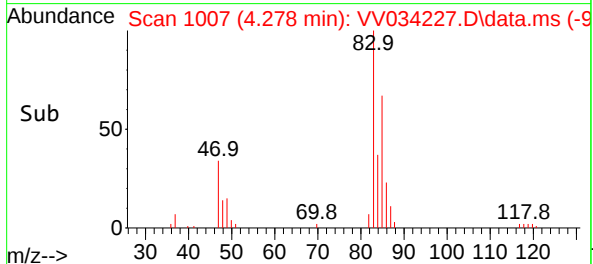
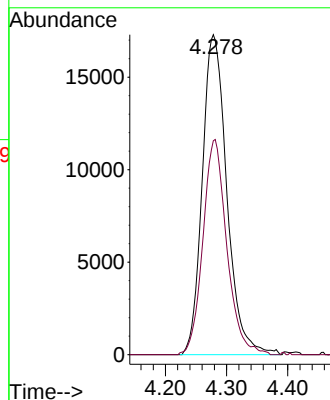
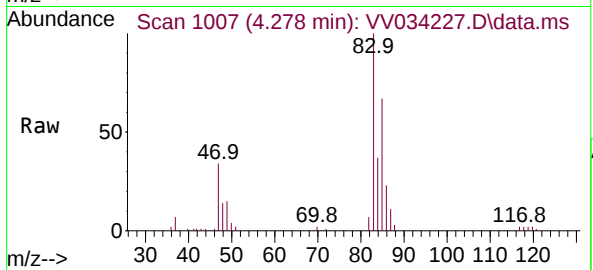




#25
Chloroform
Concen: 5.069 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

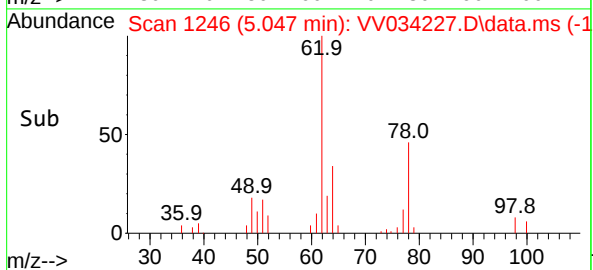
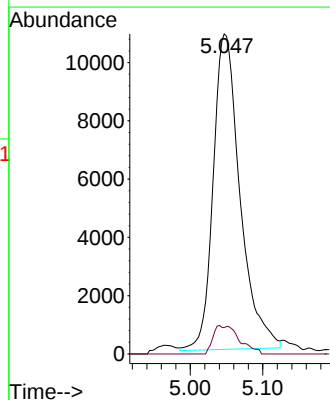
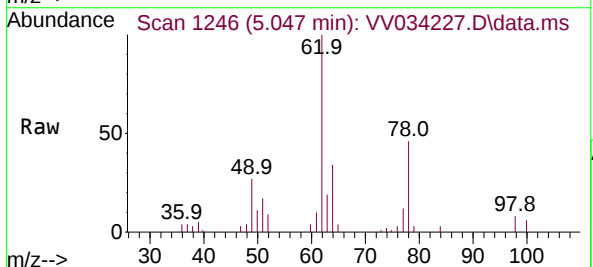
Instrument :
MSVOA_V
ClientSampleId :

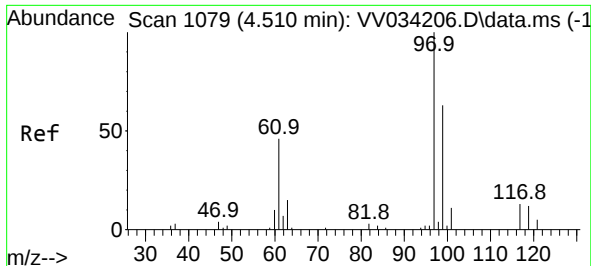
Tgt Ion: 83 Resp: 48329
Ion Ratio Lower Upper
83 100
85 66.9 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.101 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Tgt Ion: 62 Resp: 27847
Ion Ratio Lower Upper
62 100
98 8.3 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.090 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

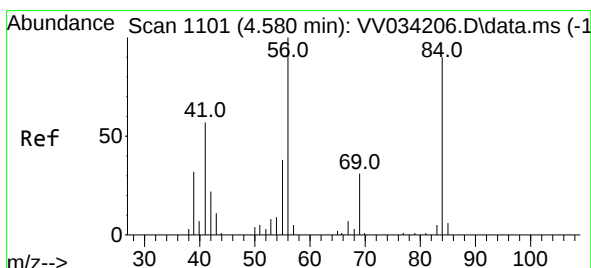
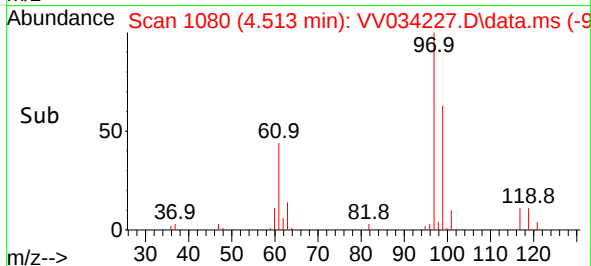
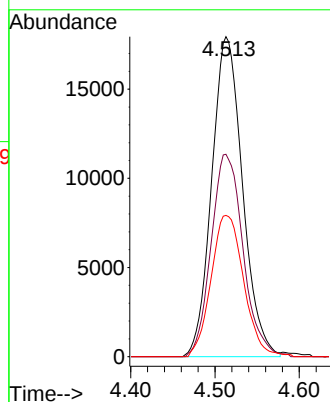
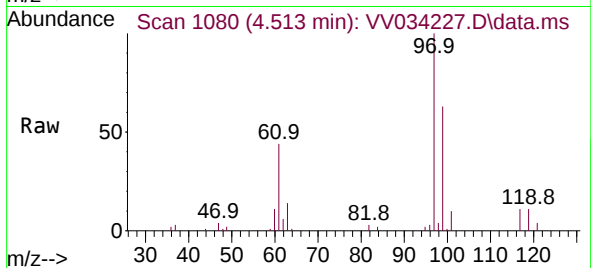
Tgt Ion: 97 Resp: 45556

Ion Ratio Lower Upper

97 100

99 65.6 50.6 75.8

61 46.8 36.8 55.2



#30

Cyclohexane

Concen: 4.238 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

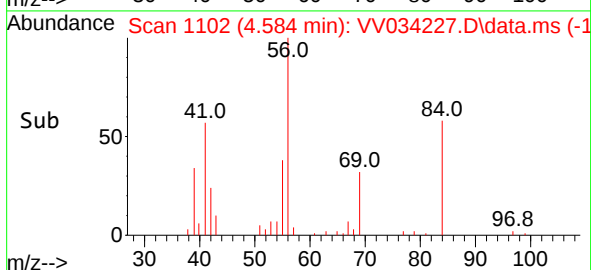
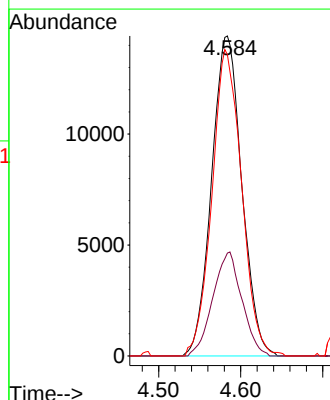
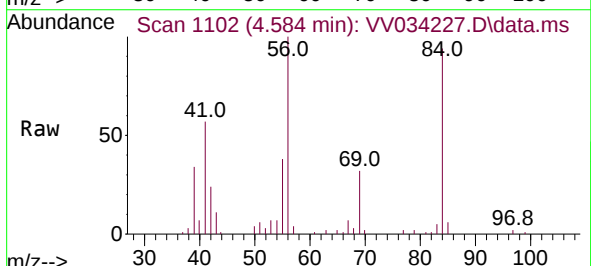
Tgt Ion: 56 Resp: 36883

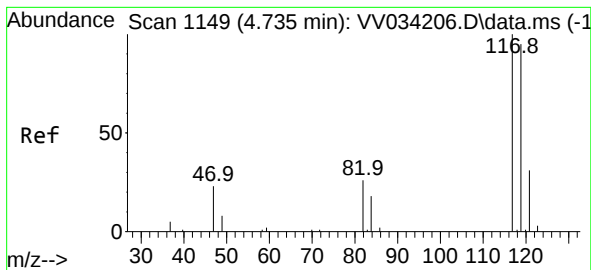
Ion Ratio Lower Upper

56 100

69 31.3 24.2 36.2

84 94.0 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.273 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

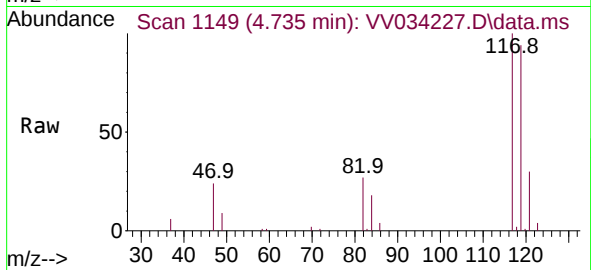
Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

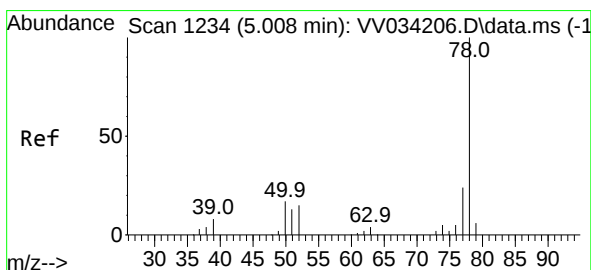
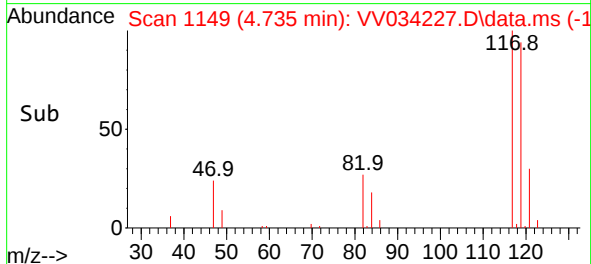
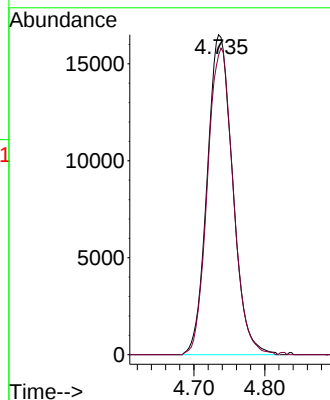


Tgt Ion:117 Resp: 41294

Ion Ratio Lower Upper

117 100

119 96.4 76.1 114.1



#33

Benzene

Concen: 4.757 ug/L

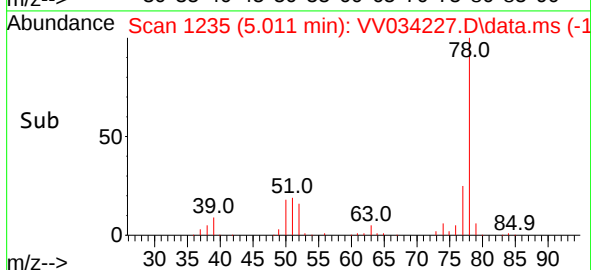
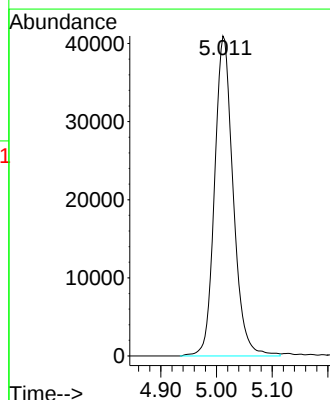
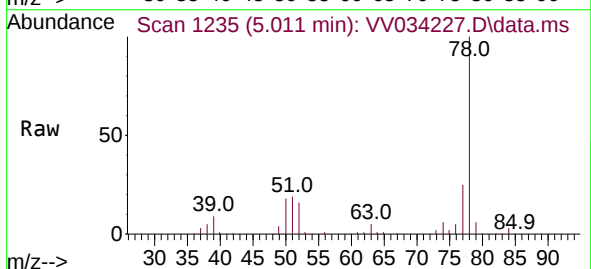
RT: 5.011 min Scan# 1235

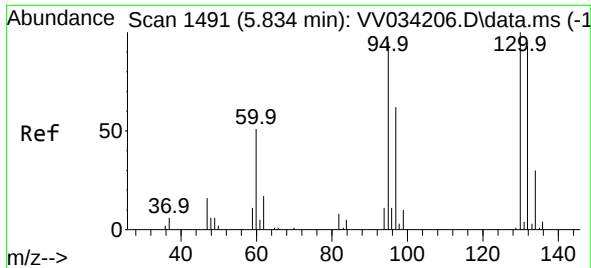
Delta R.T. 0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Tgt Ion: 78 Resp: 95104

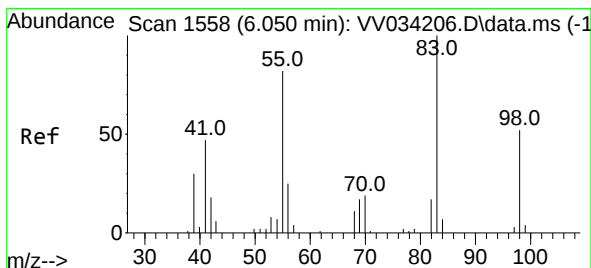
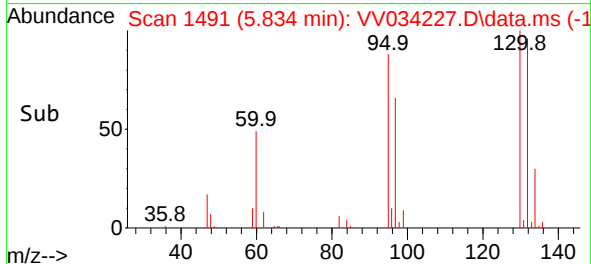
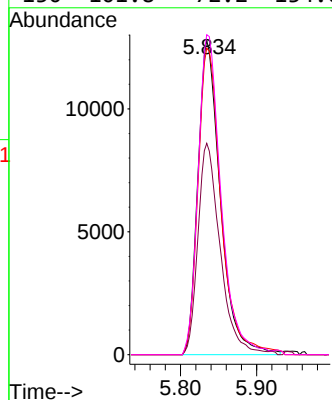
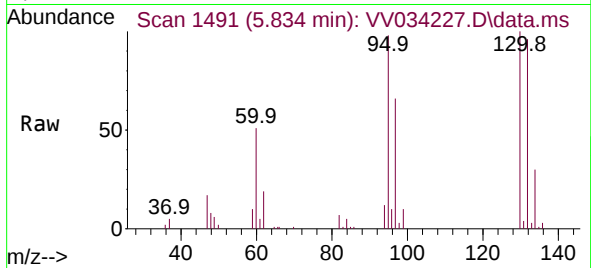




#34
Trichloroethene
Concen: 4.551 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

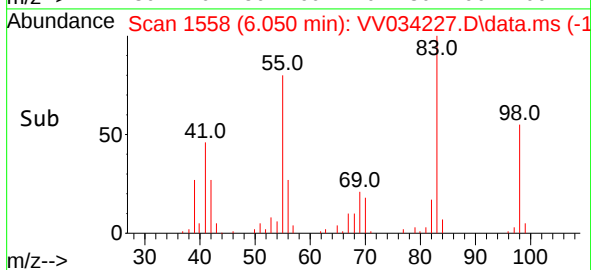
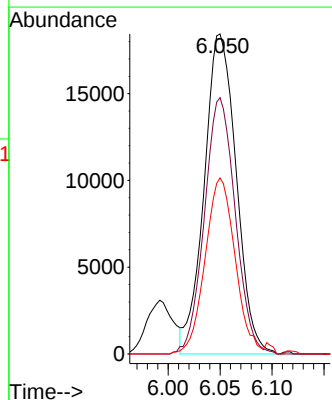
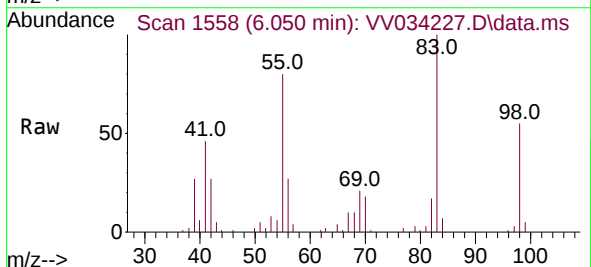
Instrument :
MSVOA_V
ClientSampleId :

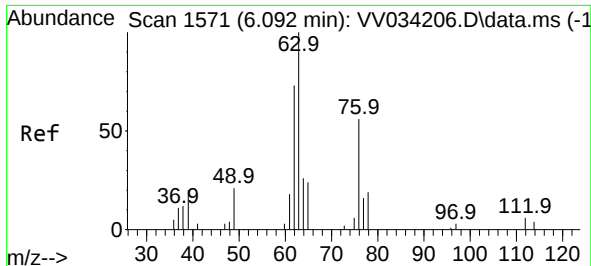
Tgt Ion: 95 Resp: 26332
Ion Ratio Lower Upper
95 100
97 67.2 45.1 83.7
132 97.5 66.0 122.6
130 101.8 72.2 134.0



#35
Methylcyclohexane
Concen: 4.364 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Tgt Ion: 83 Resp: 39634
Ion Ratio Lower Upper
83 100
55 77.1 63.5 95.3
98 51.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.178 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Instrument :

MSVOA_V

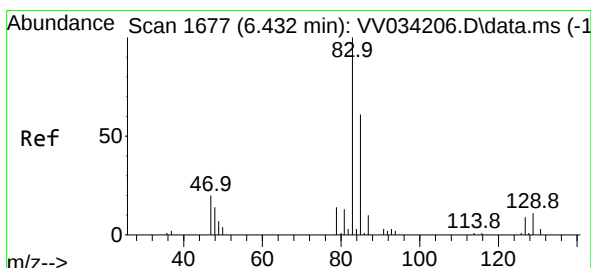
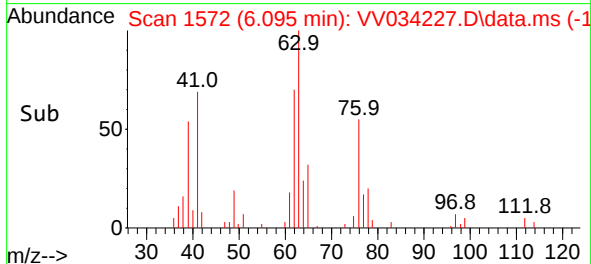
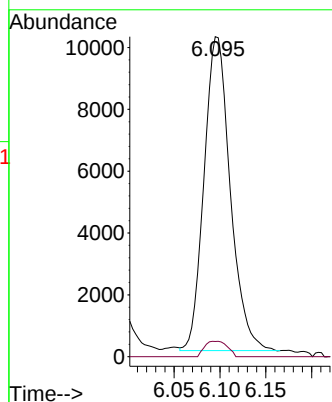
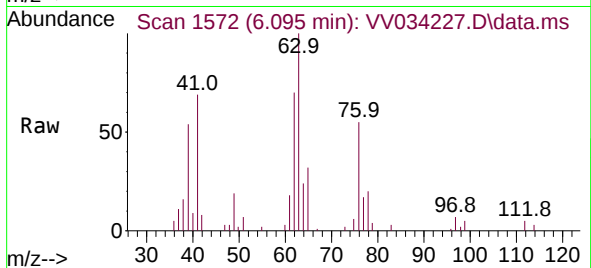
ClientSampleId :

Tgt Ion: 63 Resp: 20234

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 5.016 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

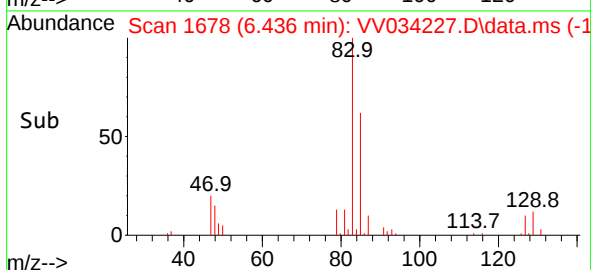
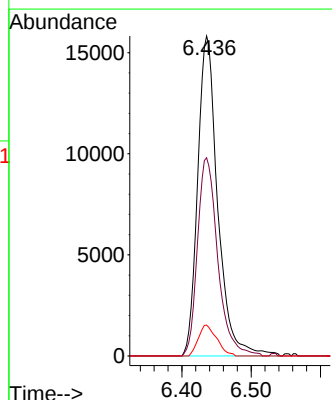
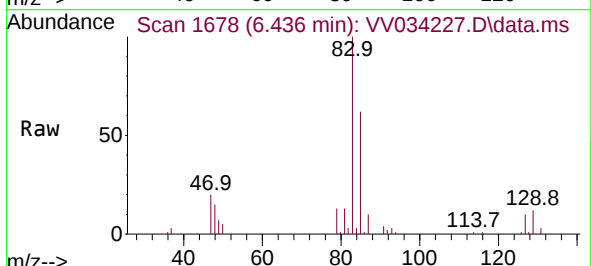
Tgt Ion: 83 Resp: 31885

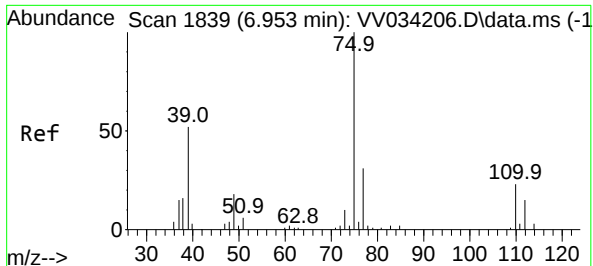
Ion Ratio Lower Upper

83 100

85 62.0 45.4 84.2

127 9.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.566 ug/L

RT: 6.957 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Instrument :

MSVOA_V

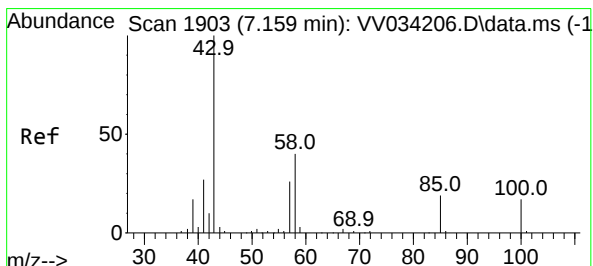
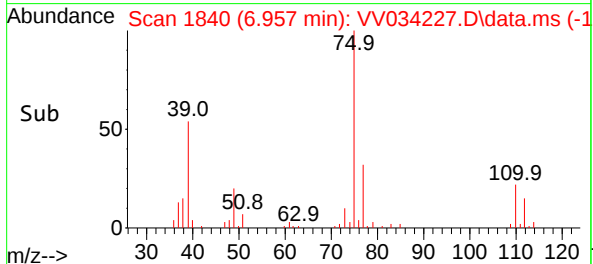
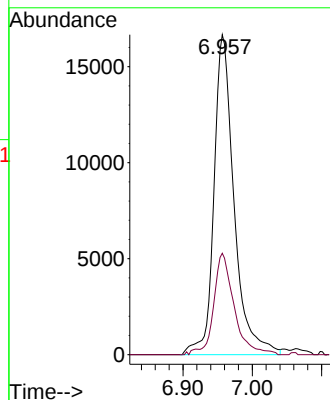
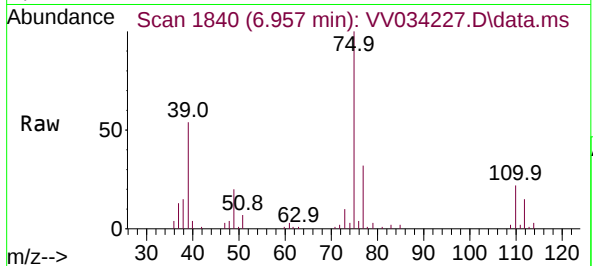
ClientSampleId :

Tgt Ion: 75 Resp: 33645

Ion Ratio Lower Upper

75 100

77 31.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 49.889 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

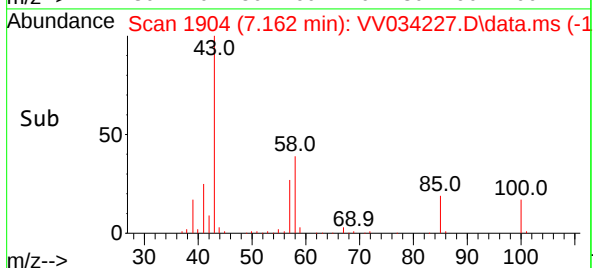
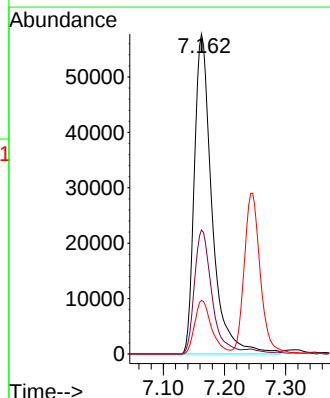
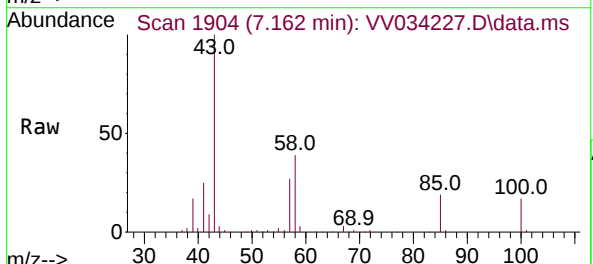
Tgt Ion: 43 Resp: 115697

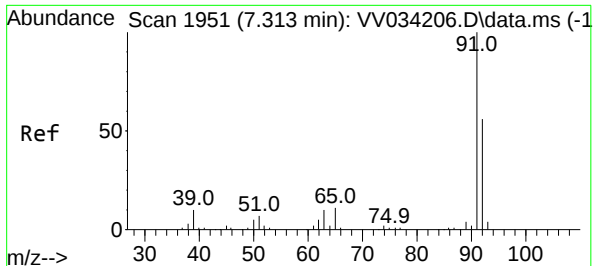
Ion Ratio Lower Upper

43 100

58 38.2 30.2 45.2

100 16.2 12.1 18.1





#42

Toluene

Concen: 4.993 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Instrument :

MSVOA_V

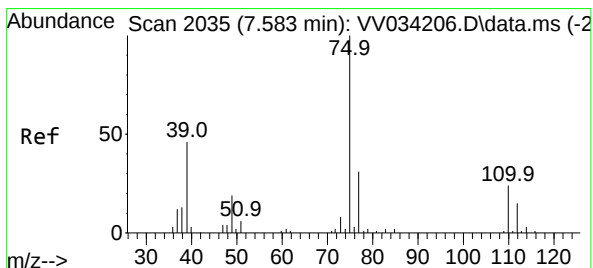
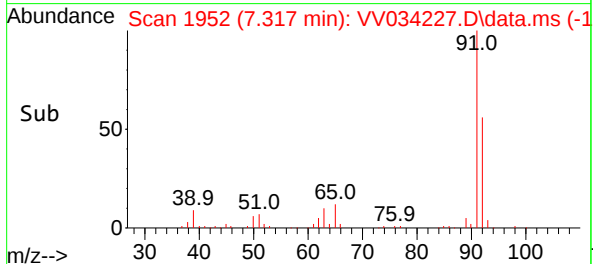
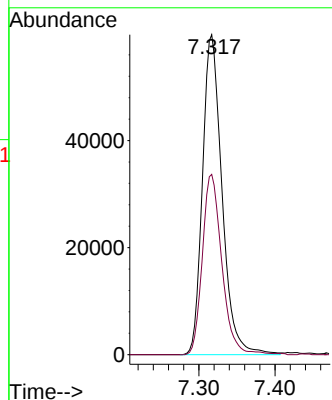
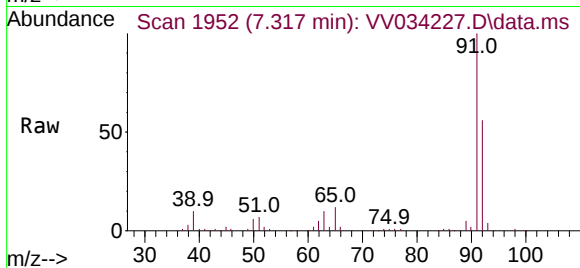
ClientSampleId :

Tgt Ion: 91 Resp: 106690

Ion Ratio Lower Upper

91 100

92 56.3 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.949 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034227.D

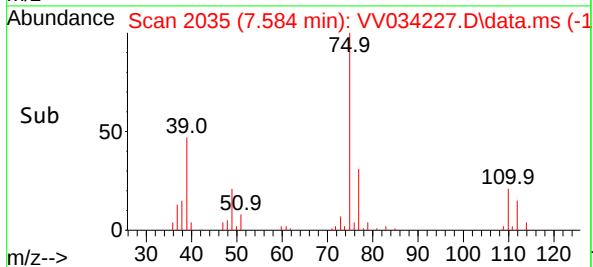
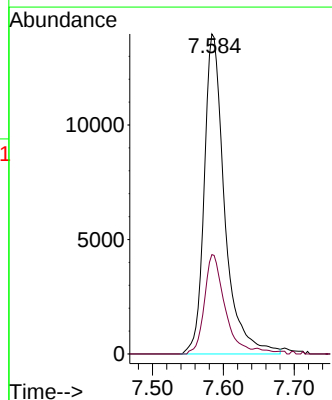
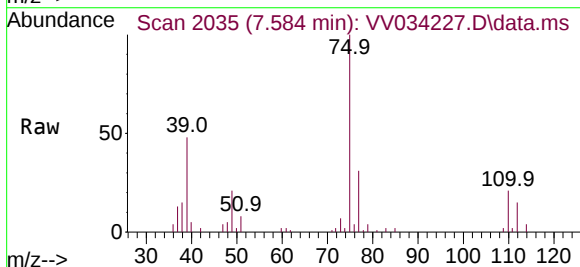
Acq: 16 Feb 2024 19:16

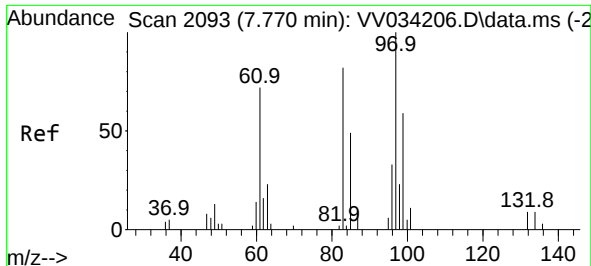
Tgt Ion: 75 Resp: 27998

Ion Ratio Lower Upper

75 100

77 31.0 22.2 41.2

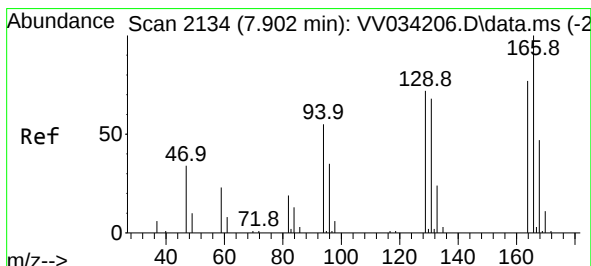
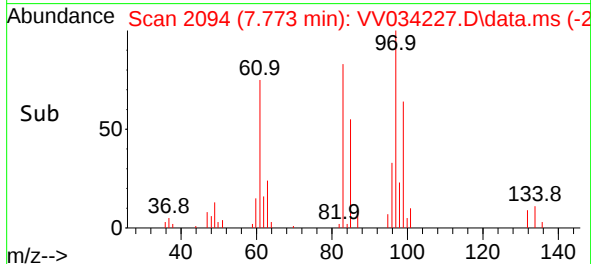
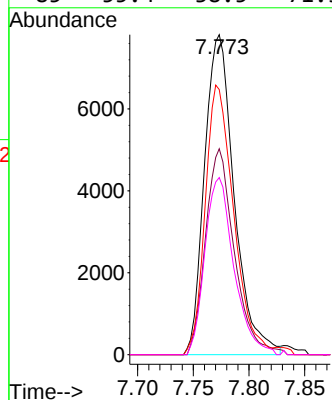
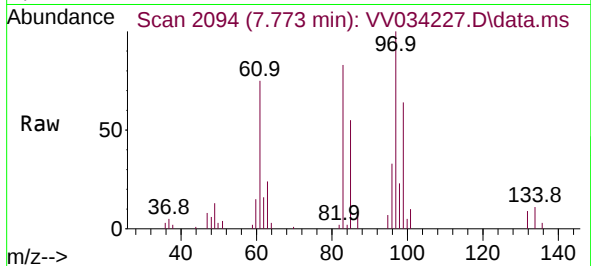




#45
1,1,2-Trichloroethane
Concen: 4.852 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

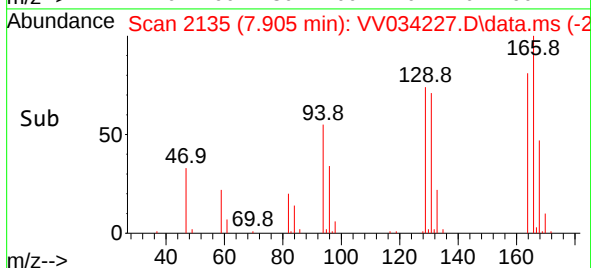
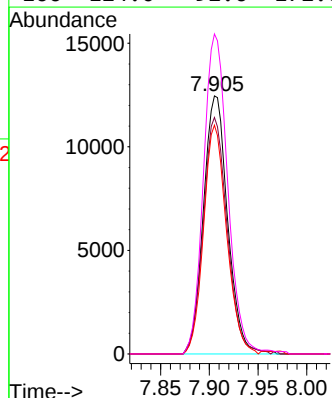
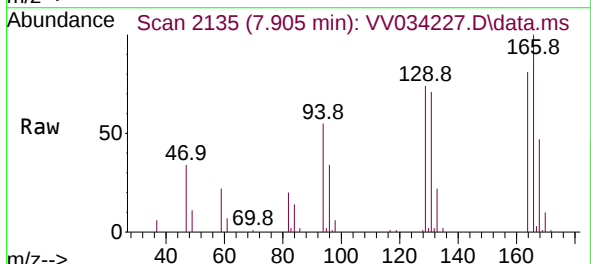
Instrument :
MSVOA_V
ClientSampleId :

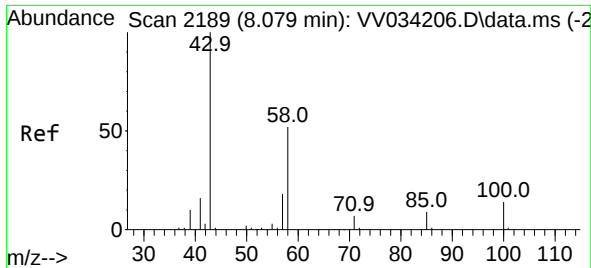
Tgt Ion:	97	Resp:	14509
Ion	Ratio	Lower	Upper
97	100		
99	64.4	45.6	84.6
83	82.8	62.3	115.7
85	55.4	38.5	71.5



#47
Tetrachloroethene
Concen: 4.587 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Tgt Ion:	164	Resp:	21567
Ion	Ratio	Lower	Upper
164	100		
129	91.7	67.8	125.8
131	88.7	63.0	117.0
166	124.0	92.6	172.0

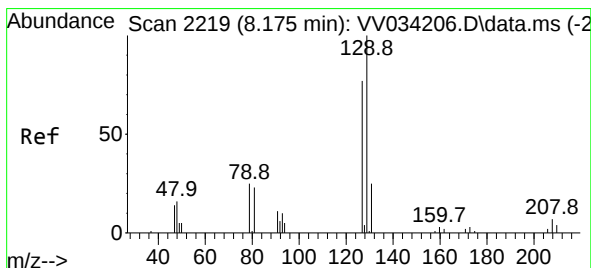
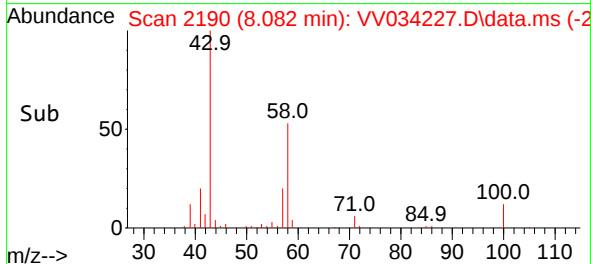
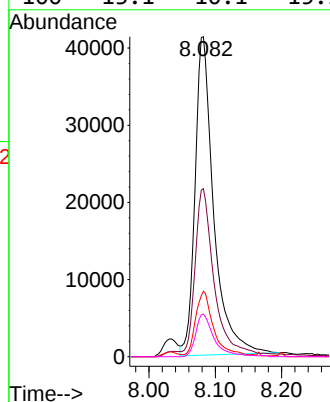
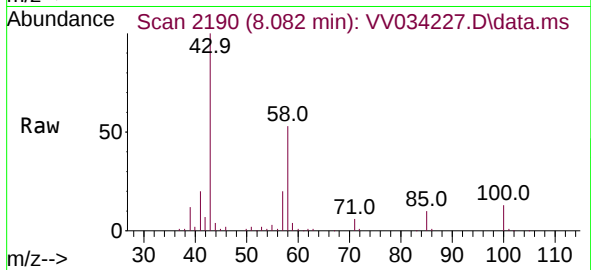




#48
2-Hexanone
Concen: 49.539 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

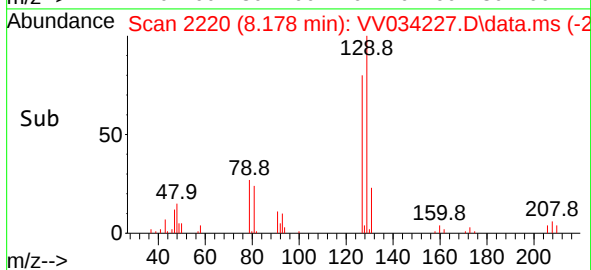
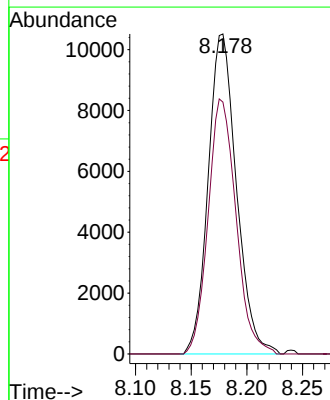
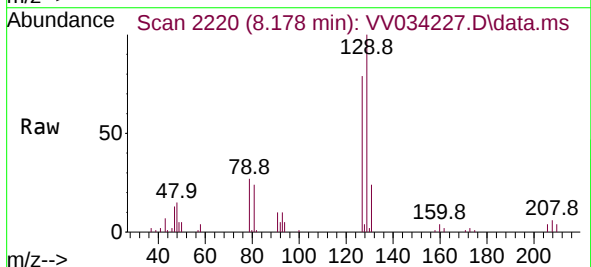
Instrument :
MSVOA_V
ClientSampleId :

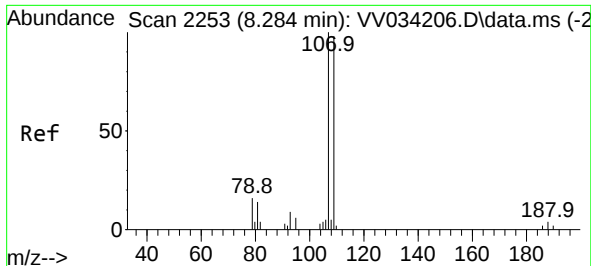
Tgt Ion:	43	Resp:	80982
Ion	Ratio	Lower	Upper
43	100		
58	53.5	42.6	64.0
57	18.9	15.5	23.3
100	13.1	10.1	15.1



#49
Dibromochloromethane
Concen: 5.228 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Tgt Ion:	129	Resp:	18579
Ion	Ratio	Lower	Upper
129	100		
127	78.7	53.5	99.5





#50

1,2-Dibromoethane

Concen: 5.032 ug/L

RT: 8.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

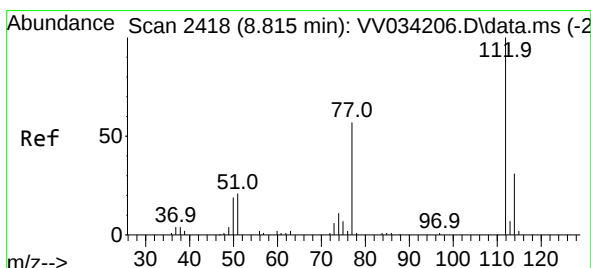
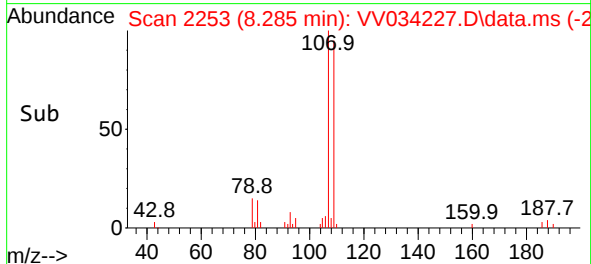
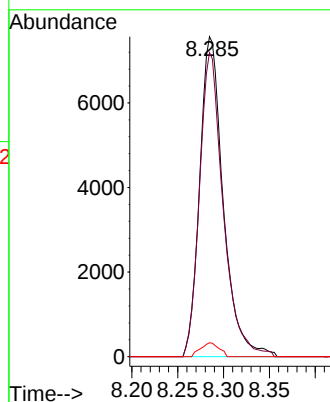
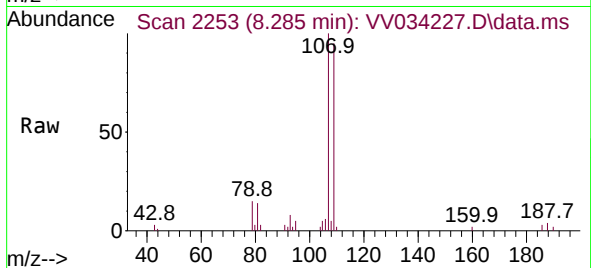
Tgt Ion:107 Resp: 13507

Ion Ratio Lower Upper

107 100

109 95.1 64.5 119.9

188 4.4 2.6 4.0#



#51

Chlorobenzene

Concen: 4.931 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

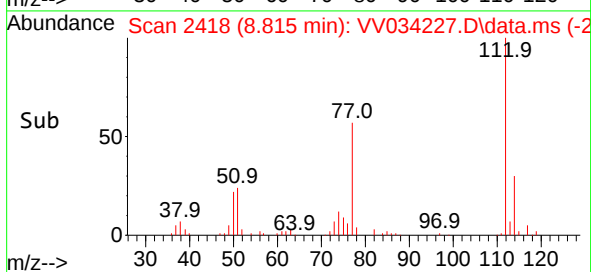
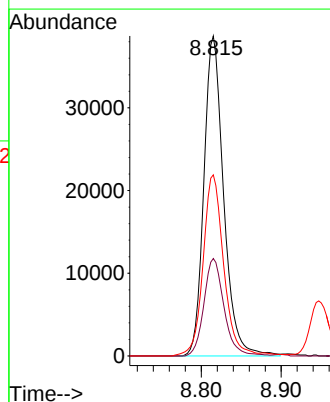
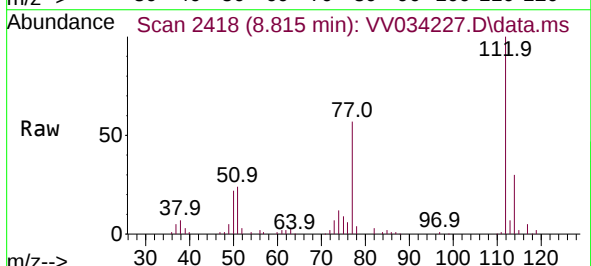
Tgt Ion:112 Resp: 66622

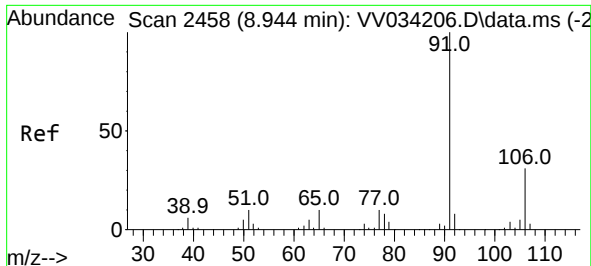
Ion Ratio Lower Upper

112 100

114 30.4 22.5 41.7

77 56.6 48.1 72.1

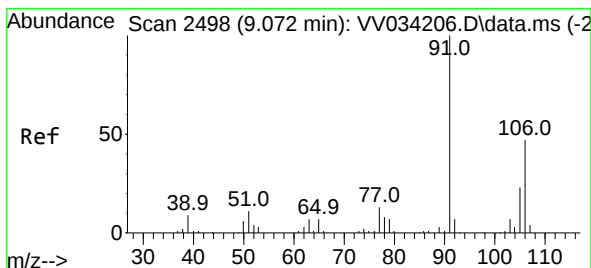
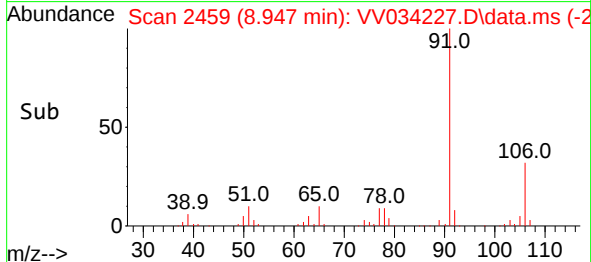
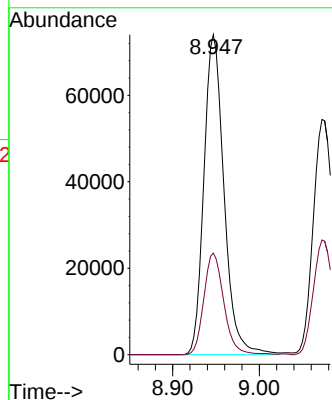
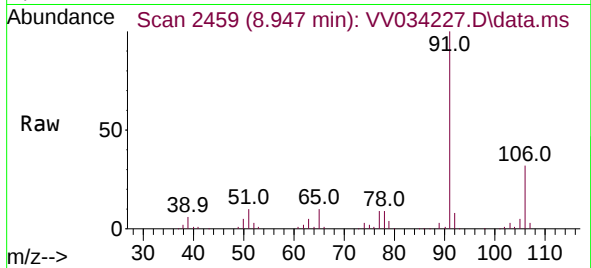




#52
Ethylbenzene
Concen: 4.851 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

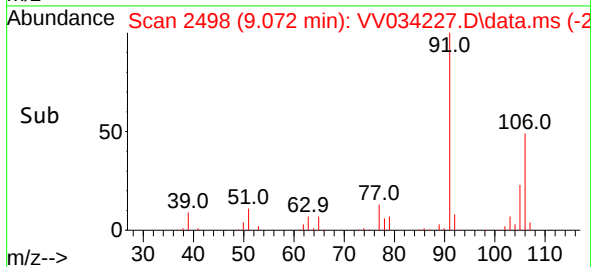
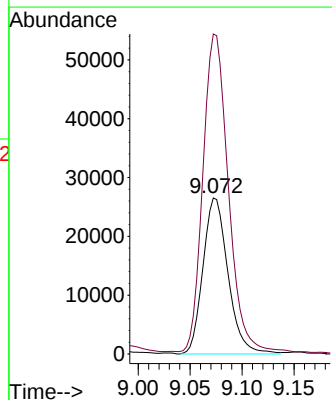
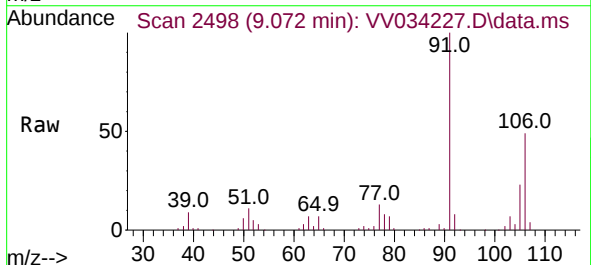
Instrument :
MSVOA_V
ClientSampleId :

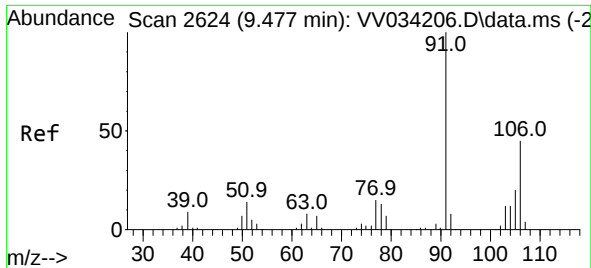
Tgt Ion: 91 Resp: 119308
Ion Ratio Lower Upper
91 100
106 31.8 21.4 39.8



#53
m,p-Xylene
Concen: 4.784 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Tgt Ion:106 Resp: 44463
Ion Ratio Lower Upper
106 100
91 205.1 147.5 273.9

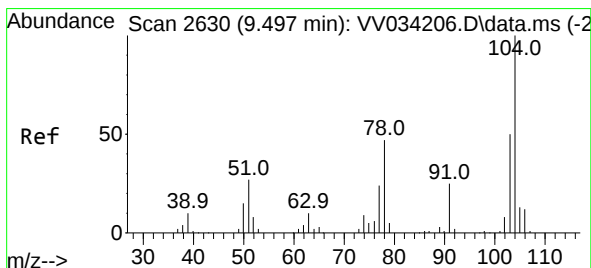
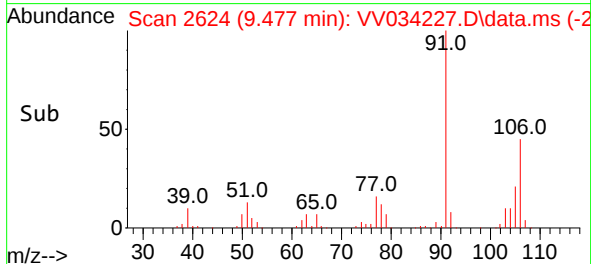
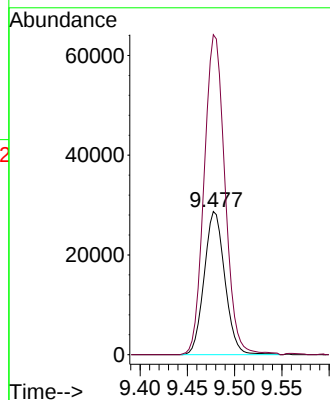
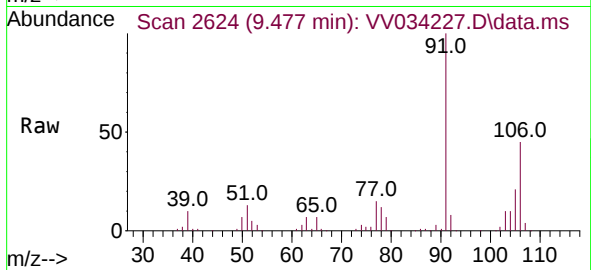




#54
o-Xylene
Concen: 4.882 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

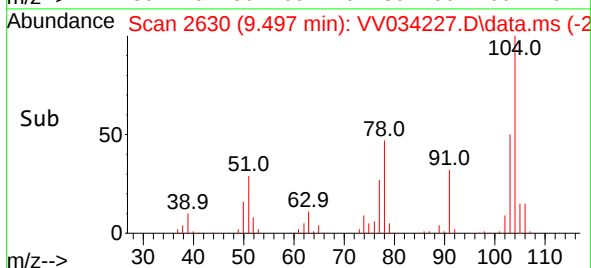
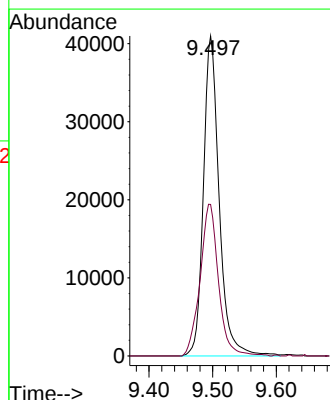
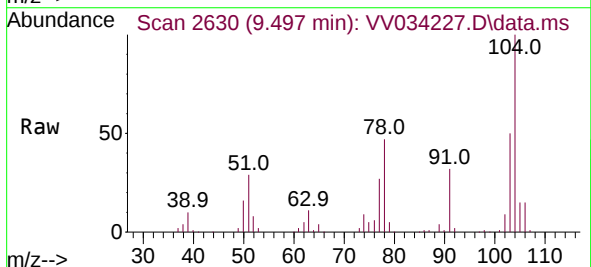
Instrument :
MSVOA_V
ClientSampleId :

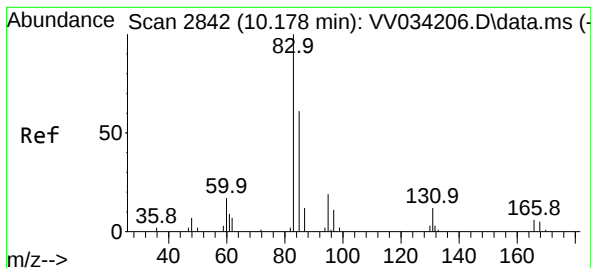
Tgt Ion:106 Resp: 43754
Ion Ratio Lower Upper
106 100
91 223.4 156.2 290.0



#55
Styrene
Concen: 4.917 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Tgt Ion:104 Resp: 70567
Ion Ratio Lower Upper
104 100
78 47.3 32.9 61.1

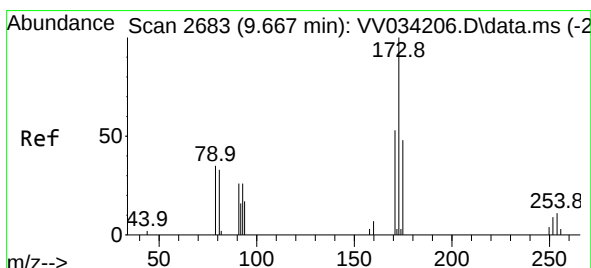
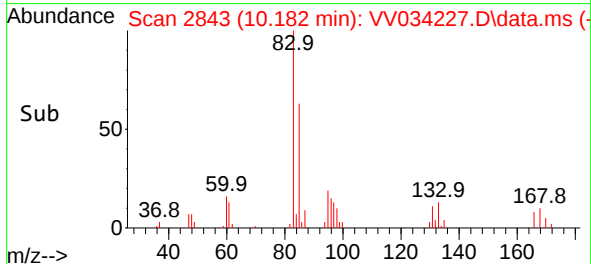
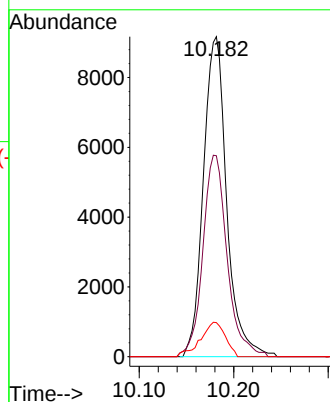
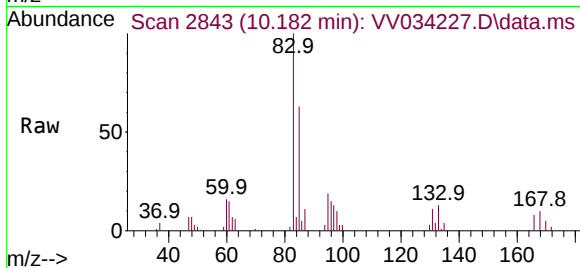




#57
1,1,2,2-Tetrachloroethane
Concen: 4.979 ug/L
RT: 10.182 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

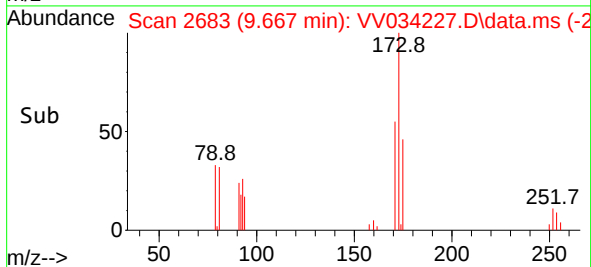
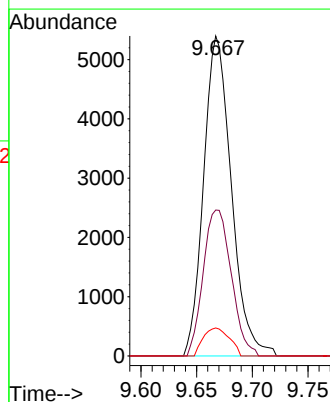
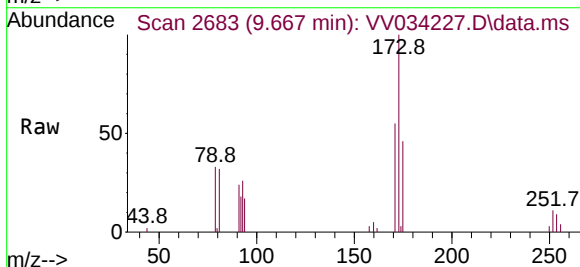
Instrument :
MSVOA_V
ClientSampleId :

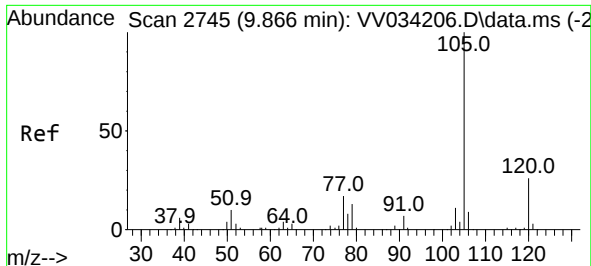
Tgt Ion: 83 Resp: 15715
Ion Ratio Lower Upper
83 100
85 62.8 46.5 86.3
131 10.6 8.4 12.6



#59
Bromoform
Concen: 4.835 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Tgt Ion: 173 Resp: 9350
Ion Ratio Lower Upper
173 100
175 46.1 38.6 57.8
254 8.2 7.2 10.8

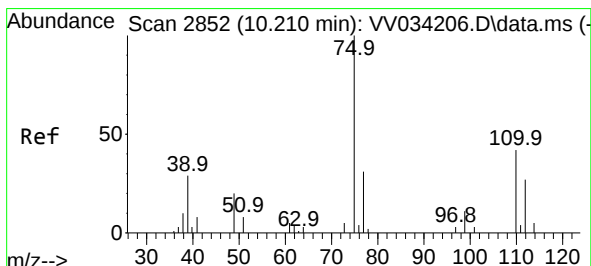
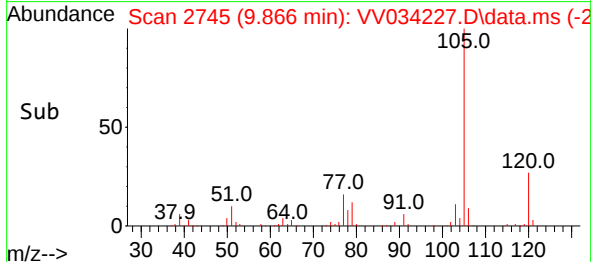
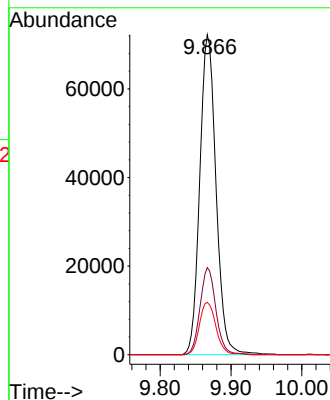
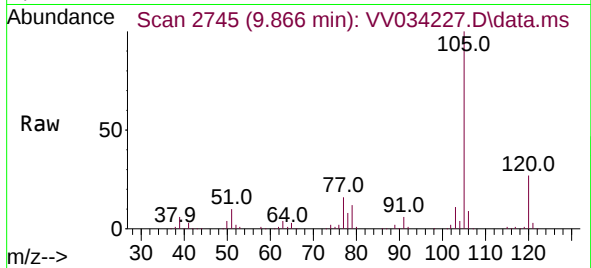




#60
Isopropylbenzene
Concen: 4.433 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

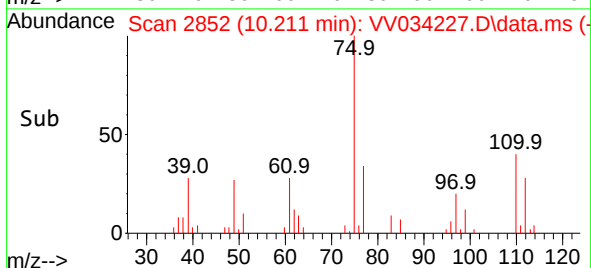
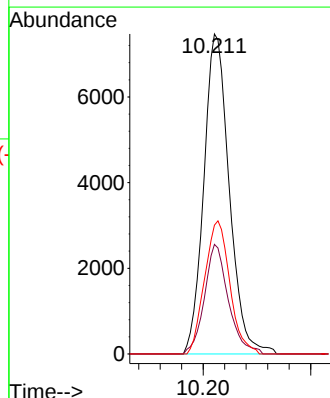
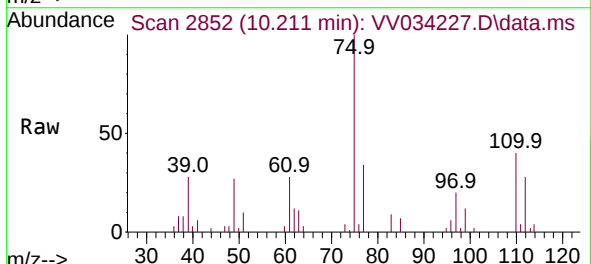
Instrument :
MSVOA_V
ClientSampleId :

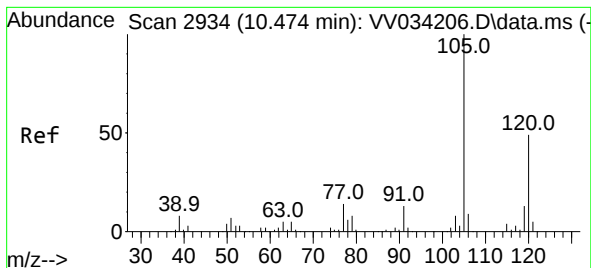
Tgt Ion:105 Resp: 115143
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 16.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.093 ug/L
RT: 10.211 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Tgt Ion: 75 Resp: 12291
Ion Ratio Lower Upper
75 100
77 32.1 26.9 40.3
110 41.1 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 4.699 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Instrument :

MSVOA_V

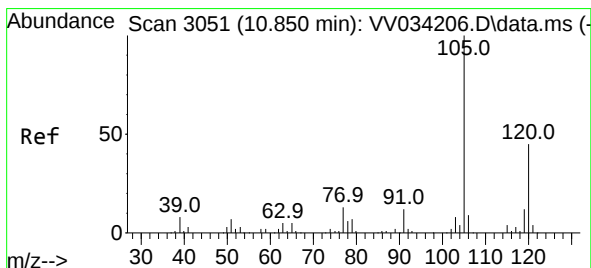
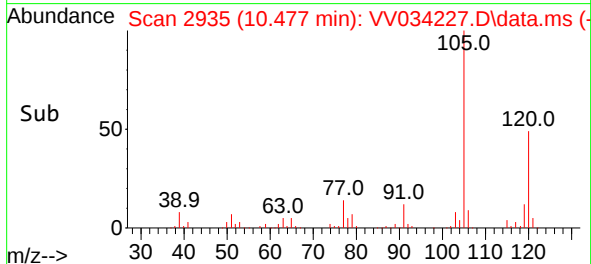
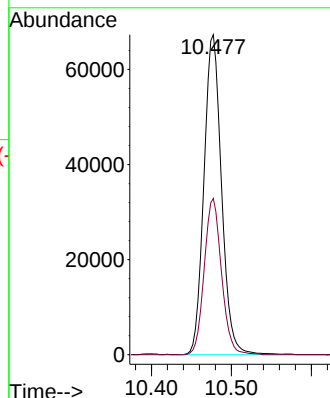
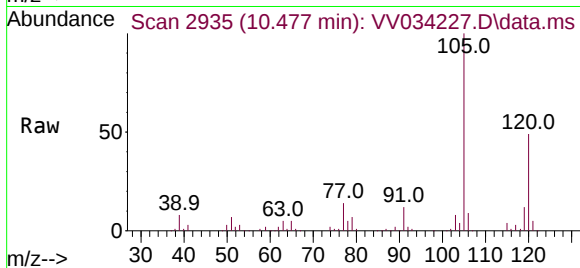
ClientSampleId :

Tgt Ion:105 Resp: 103185

Ion Ratio Lower Upper

105 100

120 47.9 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.695 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034227.D

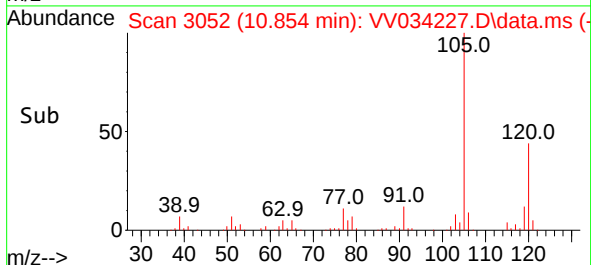
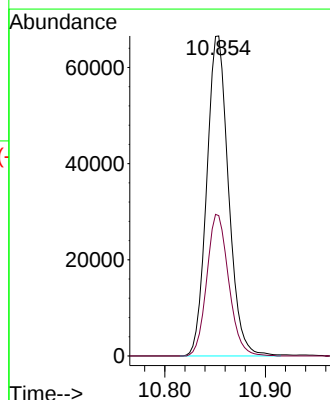
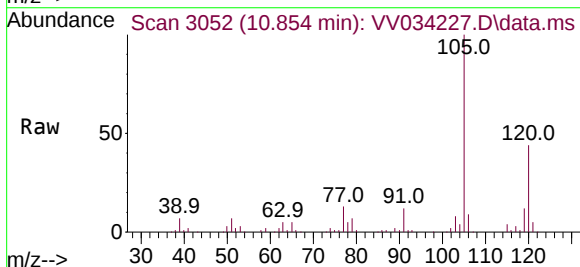
Acq: 16 Feb 2024 19:16

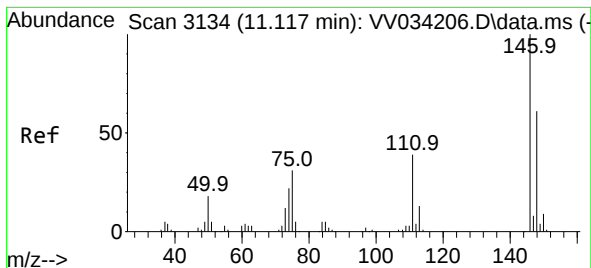
Tgt Ion:105 Resp: 100171

Ion Ratio Lower Upper

105 100

120 44.6 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 4.797 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

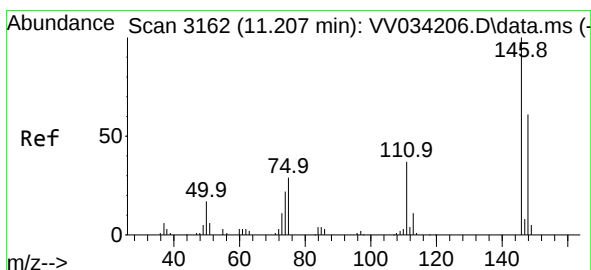
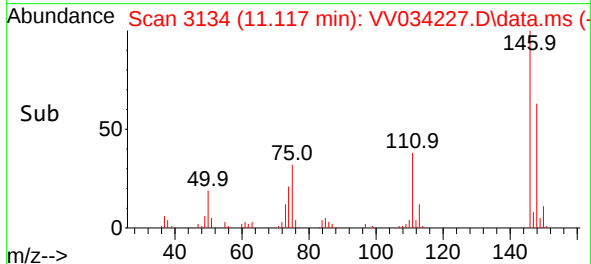
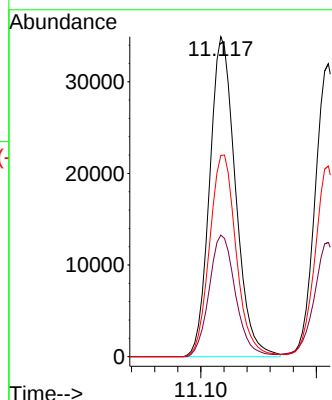
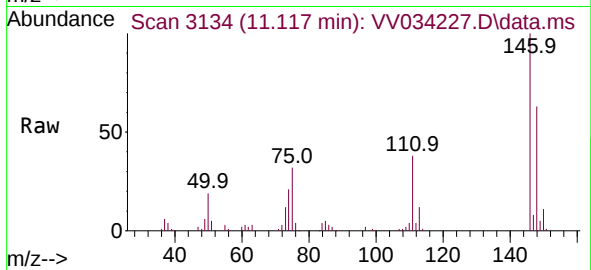
Tgt Ion:146 Resp: 54329

Ion Ratio Lower Upper

146 100

111 38.0 28.5 52.9

148 62.9 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 4.568 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

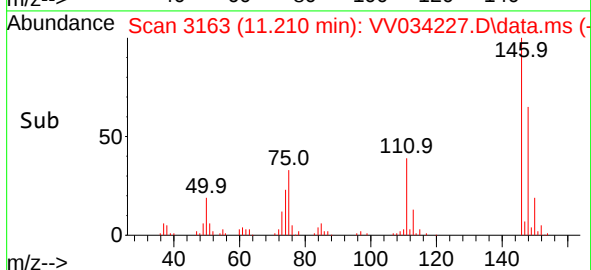
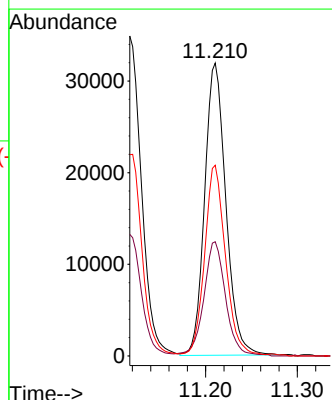
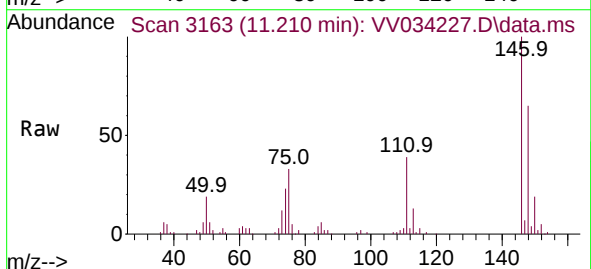
Tgt Ion:146 Resp: 51228

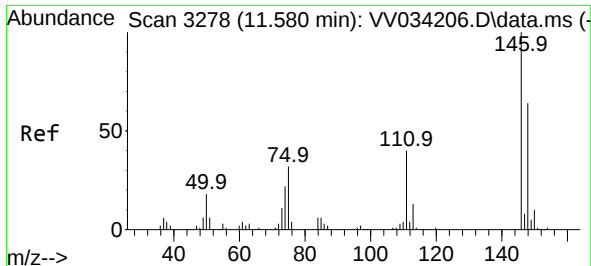
Ion Ratio Lower Upper

146 100

111 39.0 27.6 51.4

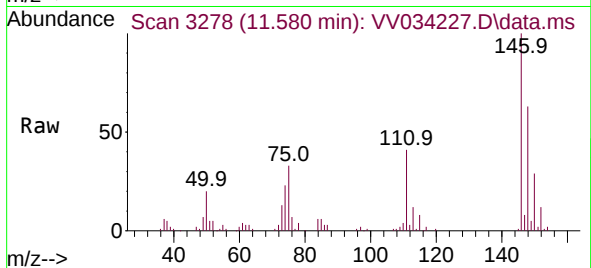
148 65.1 44.8 83.2



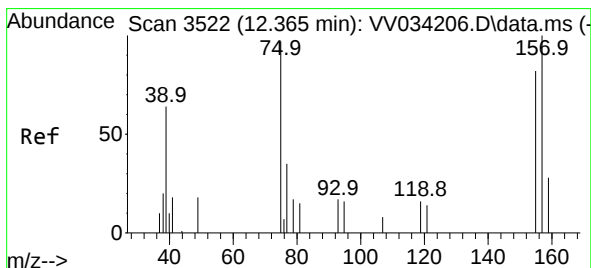
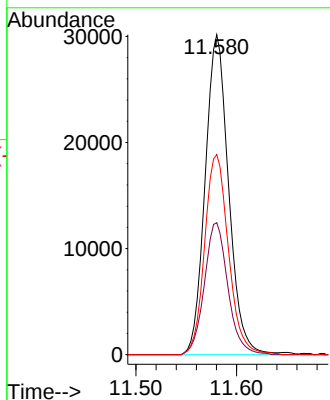
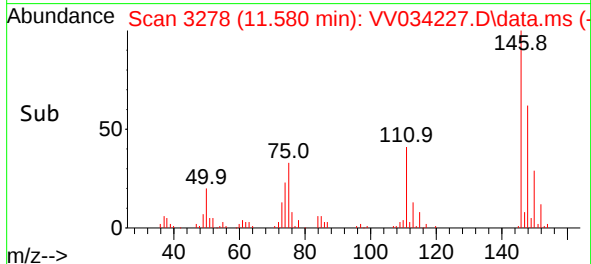


#67
1,2-Dichlorobenzene
Concen: 5.022 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

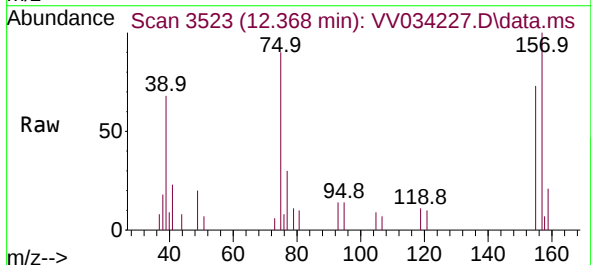
Instrument :
MSVOA_V
ClientSampleId :



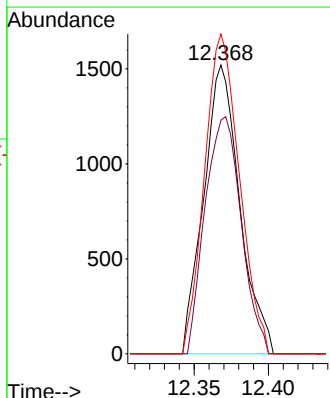
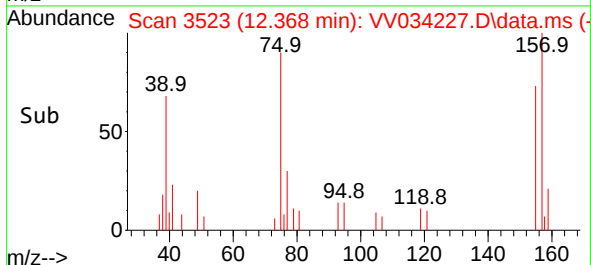
Tgt Ion:146 Resp: 48847
Ion Ratio Lower Upper
146 100
111 41.2 31.2 46.8
148 62.6 49.8 74.8

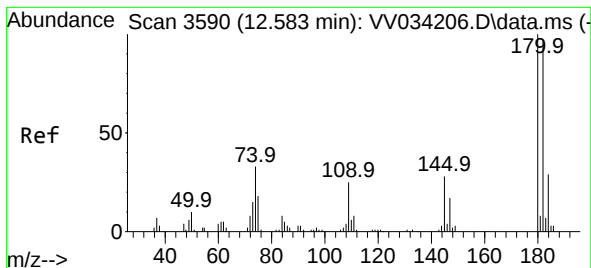


#68
1,2-Dibromo-3-chloropropane
Concen: 5.082 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16



Tgt Ion: 75 Resp: 2570
Ion Ratio Lower Upper
75 100
155 80.9 68.9 103.3
157 110.7 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 4.498 ug/L

RT: 12.583 min Scan# 31

Delta R.T. 0.000 min

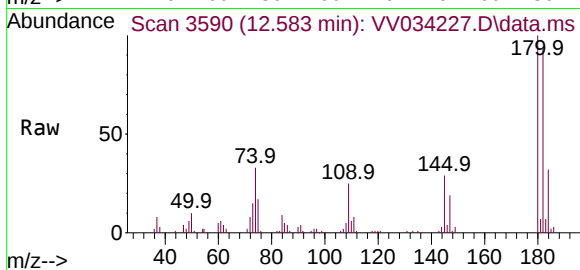
Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 39425

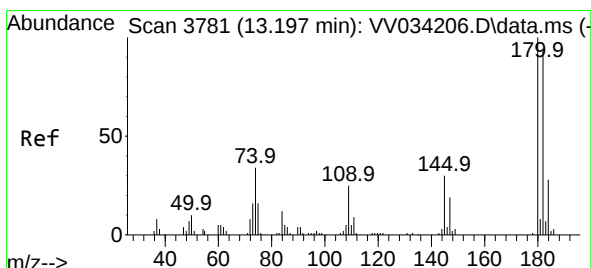
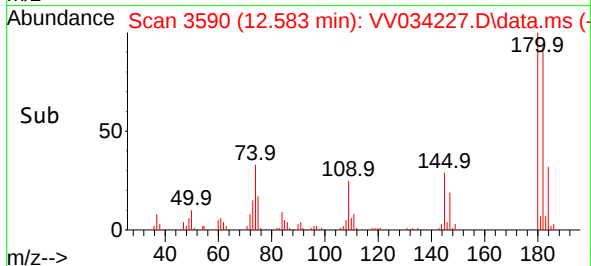
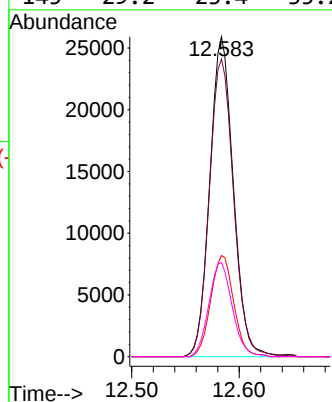
Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

184 30.9 23.8 35.6

145 29.2 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 4.629 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034227.D

Acq: 16 Feb 2024 19:16

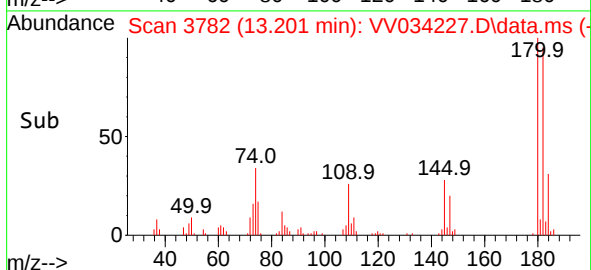
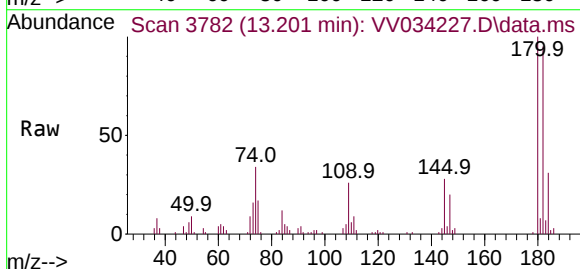
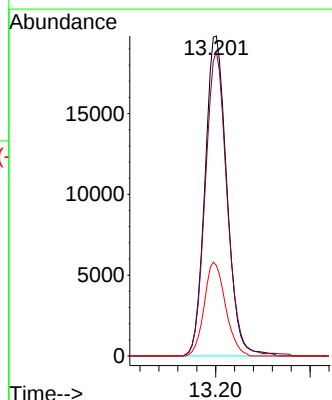
Tgt Ion:180 Resp: 31669

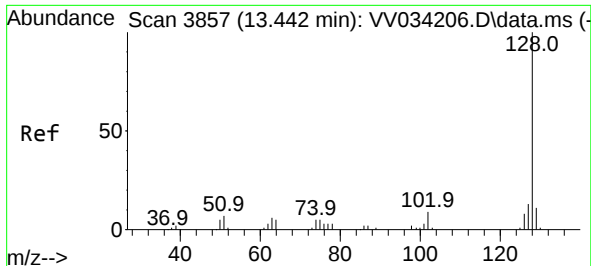
Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

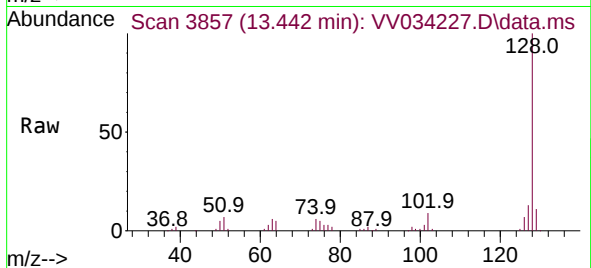
145 28.6 24.8 37.2



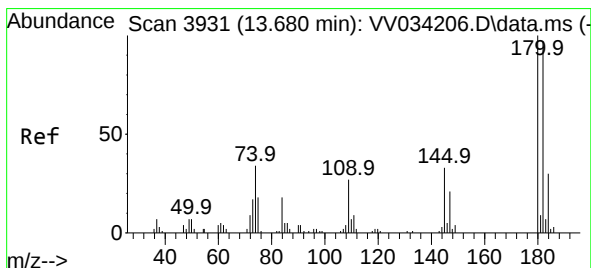
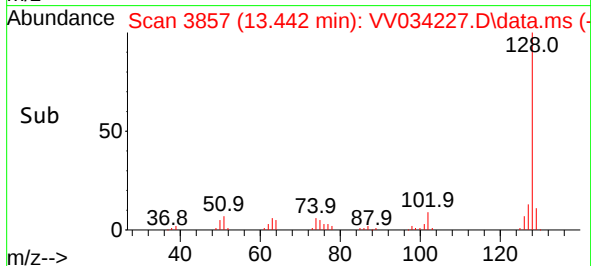
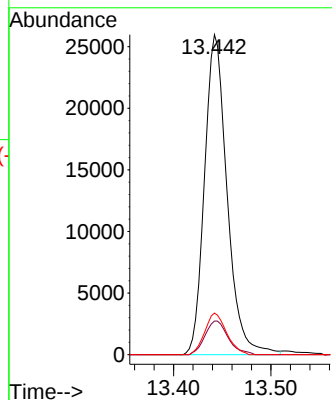


#71
Naphthalene
Concen: 4.673 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 41891
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.5 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.980 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV034227.D
Acq: 16 Feb 2024 19:16

Tgt Ion:180 Resp: 27299
Ion Ratio Lower Upper
180 100
182 94.2 75.0 112.6
145 31.4 25.2 37.8

