

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021624\
 Data File : VW034206.D
 Acq On : 16 Feb 2024 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 19 00:34:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 16 00:40:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	73687	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	67911	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25373	4.446	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.532	69	21106	4.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.060	65	13003	4.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.812	46	30173	31.481	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.960%
24) Chloroform-d	4.249	84	47623	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.944	65	22729	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.960	84	87229	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.989	67	22029	3.868	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.400%
41) Toluene-d8	7.243	98	84942	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.555	79	9186	4.271	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.027	63	27406	35.698	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.400%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	13645	3.952	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	28661	4.469	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	25824	3.824	ug/L	100
3) Chloromethane	1.214	50	29467	4.001	ug/L	97
5) Vinyl chloride	1.285	62	30477	4.330	ug/L	90
6) Bromomethane	1.490	94	15240	4.112	ug/L	100
8) Chloroethane	1.552	64	19396	4.039	ug/L	100
9) Trichlorofluoromethane	1.712	101	54267	5.350	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28027	5.286	ug/L	98
12) 1,1-Dichloroethene	2.069	96	26288	5.107	ug/L	97
13) Acetone	2.381	43	4614	6.345	ug/L	93
14) Carbon disulfide	2.240	76	73208	4.395	ug/L	98
15) Methyl Acetate	2.381	43	6797	3.950	ug/L #	90
16) Methylene chloride	2.445	84	23967	4.852	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	50229	4.749	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	24498	4.672	ug/L	96
19) 1,1-Dichloroethane	3.111	63	45074	4.679	ug/L	94
21) 2-Butanone	3.899	43	30389	31.626	ug/L #	44
22) cis-1,2-Dichloroethene	3.815	96	25840	4.344	ug/L	98
23) Bromochloromethane	4.146	128	10027	4.849	ug/L	91
25) Chloroform	4.275	83	47090	4.835	ug/L	98

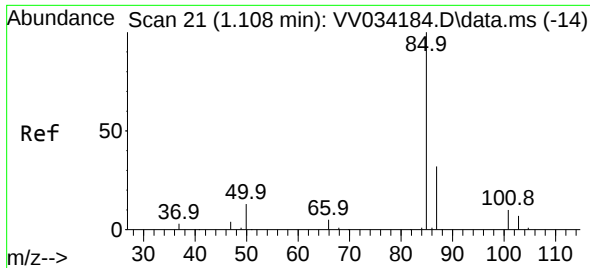
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 Data File : VW034206.D
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Quant Time: Feb 19 00:34:19 2024
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 Quant Title : TRACE VOA SFAM1.0
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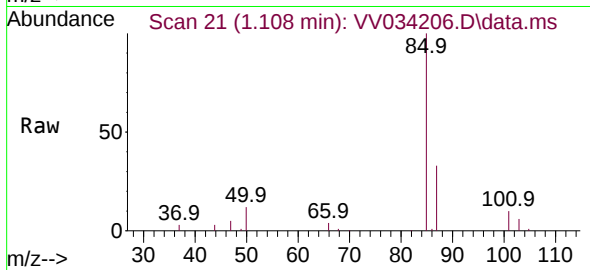
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	27314	4.898	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	46105	5.057	ug/L	99
30) Cyclohexane	4.580	56	37593	4.240	ug/L	95
31) Carbon tetrachloride	4.735	117	42259	5.297	ug/L	99
33) Benzene	5.008	78	95885	4.707	ug/L	100
34) Trichloroethene	5.834	95	26424	4.482	ug/L	98
35) Methylcyclohexane	6.050	83	42066	4.546	ug/L	97
37) 1,2-Dichloropropane	6.092	63	21340	4.325	ug/L	98
38) Bromodichloromethane	6.432	83	31573	4.875	ug/L	96
39) cis-1,3-Dichloropropene	6.953	75	34085	4.540	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	102871	43.540	ug/L	97
42) Toluene	7.313	91	106654	4.899	ug/L	95
44) trans-1,3-Dichloropropene	7.583	75	27813	4.825	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	13848	4.545	ug/L	92
47) Tetrachloroethene	7.902	164	21461	4.480	ug/L	98
48) 2-Hexanone	8.079	43	71929	43.189	ug/L	99
49) Dibromochloromethane	8.175	129	17900	4.944	ug/L	99
50) 1,2-Dibromoethane	8.284	107	12856	4.701	ug/L #	94
51) Chlorobenzene	8.815	112	66204	4.810	ug/L	97
52) Ethylbenzene	8.944	91	121412	4.845	ug/L	99
53) m,p-Xylene	9.072	106	45681	4.824	ug/L	99
54) o-Xylene	9.477	106	44774	4.904	ug/L	99
55) Styrene	9.497	104	71899	4.918	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	14784	4.598	ug/L	94
59) Bromoform	9.667	173	8897	4.580	ug/L	98
60) Isopropylbenzene	9.866	105	116216	4.454	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	10844	4.473	ug/L	95
62) 1,3,5-Trimethylbenzene	10.474	105	102768	4.659	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	102556	4.785	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	55323	4.862	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	53130	4.716	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	47059	4.816	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	2281	4.489	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	41941	4.763	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	33603	4.889	ug/L	96
71) Naphthalene	13.442	128	43519	4.832	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	26707	4.849	ug/L	98

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

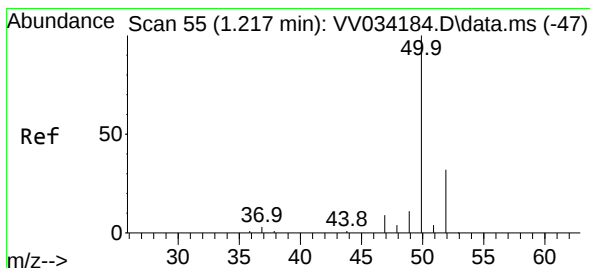
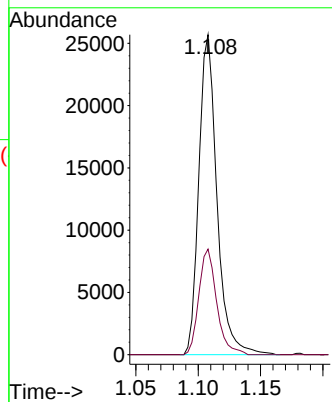
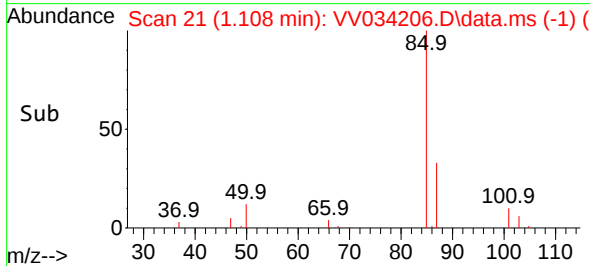


#2
Dichlorodifluoromethane
Concen: 3.824 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

Instrument :
MSVOA_V
ClientSampleId :

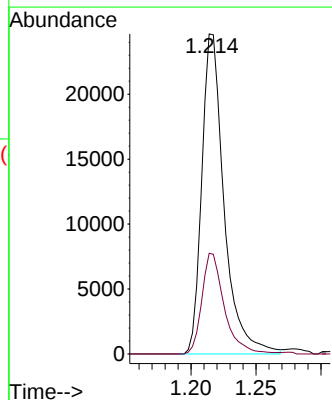
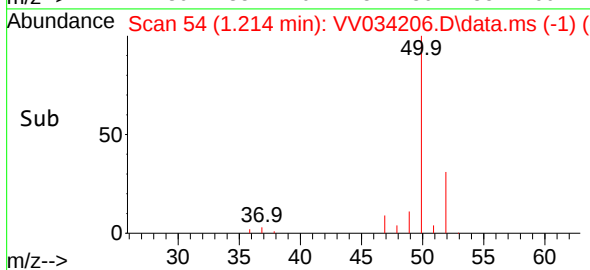
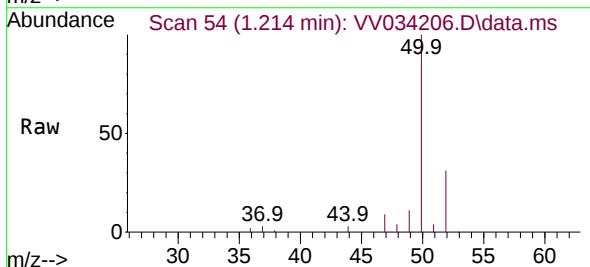


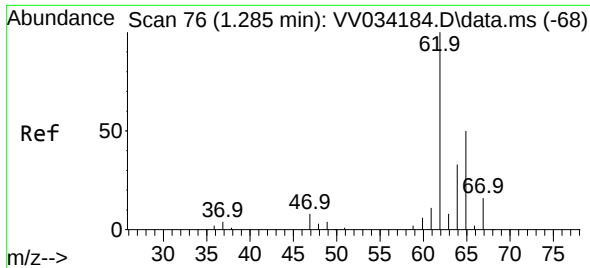
Tgt Ion: 85 Resp: 25824
Ion Ratio Lower Upper
85 100
87 32.5 26.2 39.4



#3
Chloromethane
Concen: 4.001 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

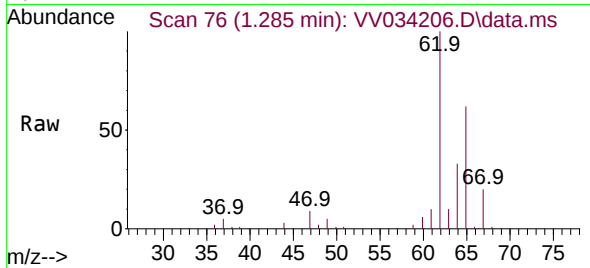
Tgt Ion: 50 Resp: 29467
Ion Ratio Lower Upper
50 100
52 31.5 23.4 43.4



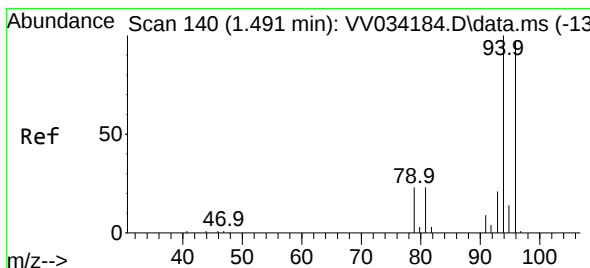
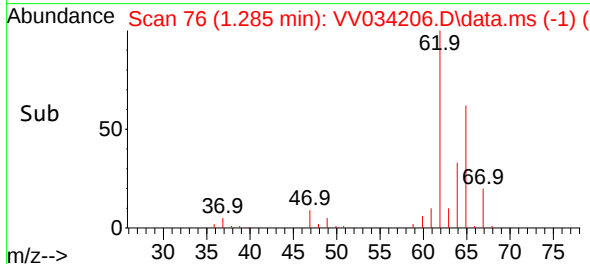
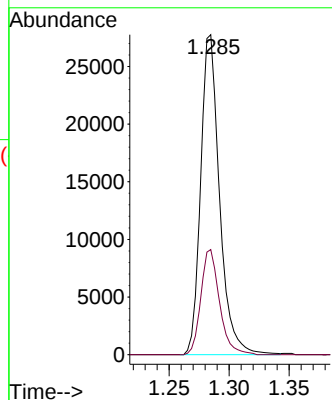


#5
 Vinyl chloride
 Concen: 4.330 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV034206.D
 Acq: 16 Feb 2024 10:14

Instrument :
 MSVOA_V
 ClientSampleId :

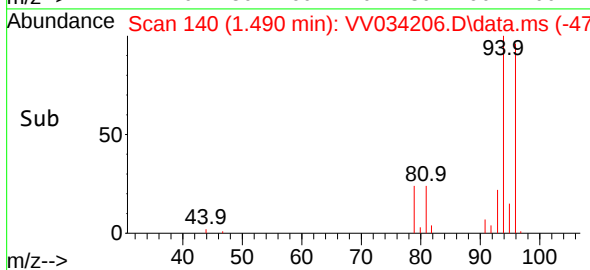
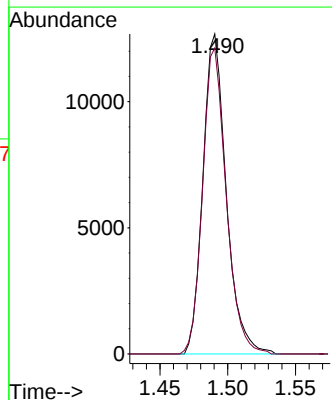
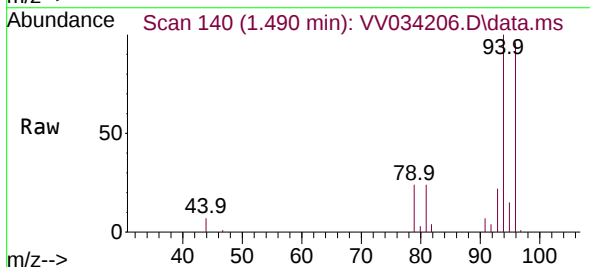


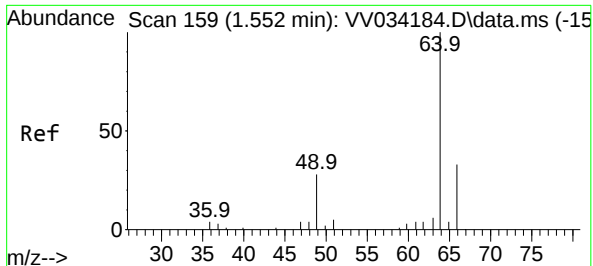
Tgt Ion: 62 Resp: 30477
 Ion Ratio Lower Upper
 62 100
 64 32.9 27.2 50.4



#6
 Bromomethane
 Concen: 4.112 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV034206.D
 Acq: 16 Feb 2024 10:14

Tgt Ion: 94 Resp: 15240
 Ion Ratio Lower Upper
 94 100
 96 95.6 66.6 123.8

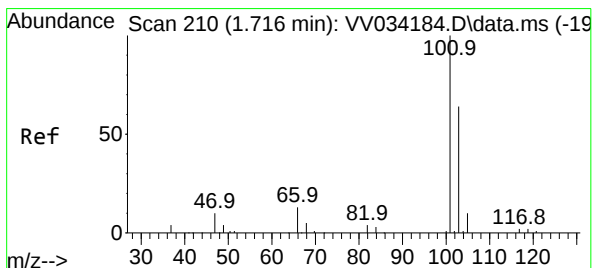
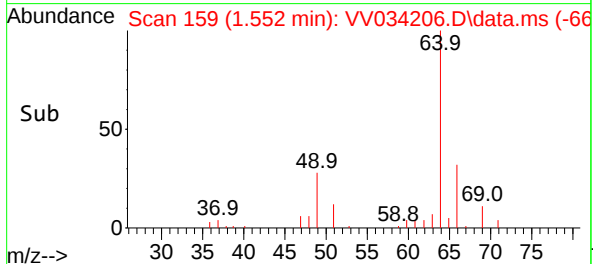
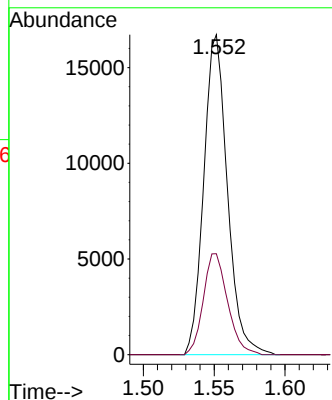
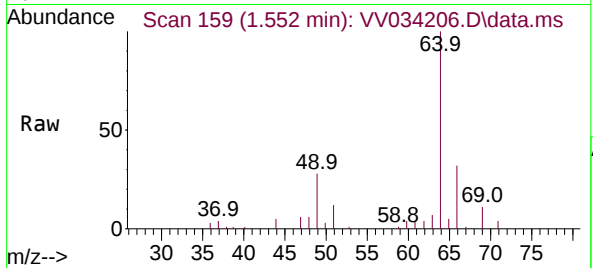




#8
Chloroethane
Concen: 4.039 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

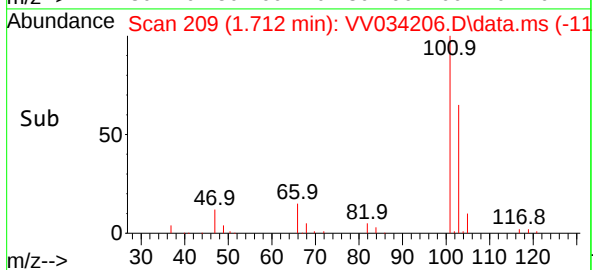
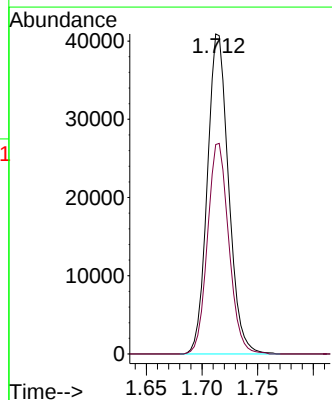
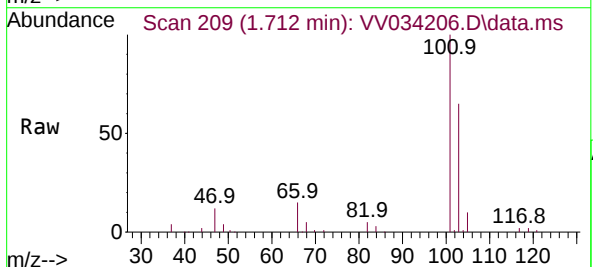
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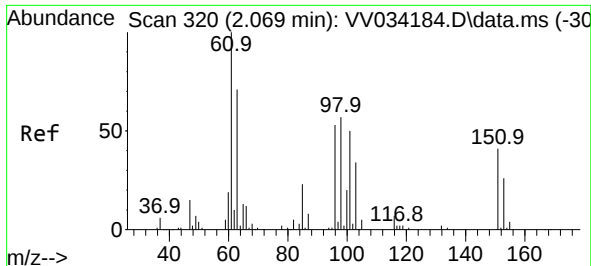
Tgt Ion: 64 Resp: 19396
Ion Ratio Lower Upper
64 100
66 31.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.350 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

Tgt Ion:101 Resp: 54267
Ion Ratio Lower Upper
101 100
103 65.9 51.0 76.4

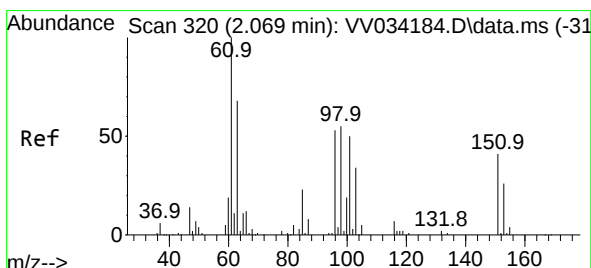
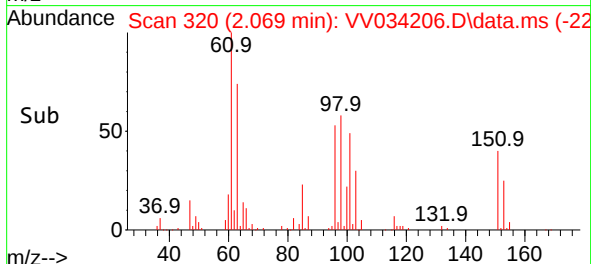
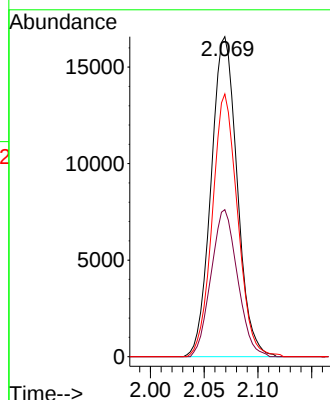
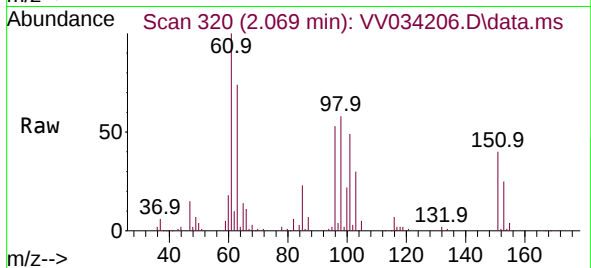




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.286 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034206.D
 Acq: 16 Feb 2024 10:14

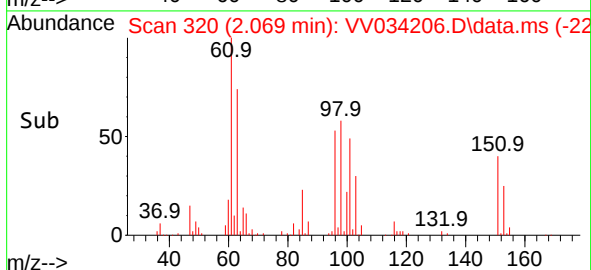
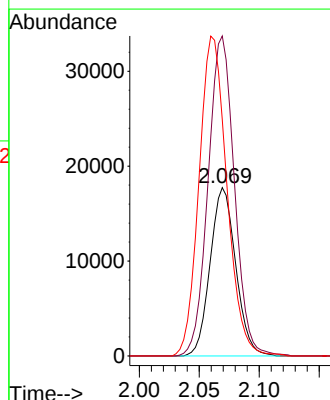
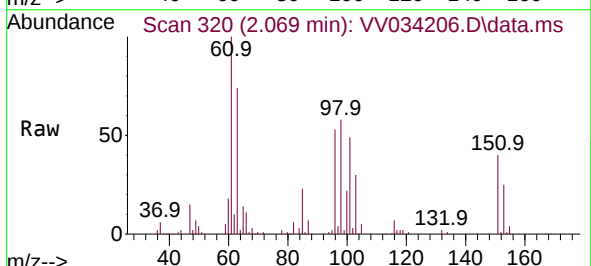
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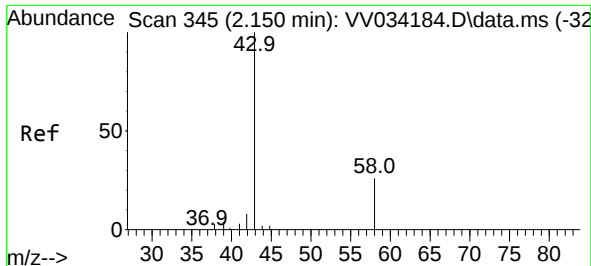
Tgt Ion:101 Resp: 28027
 Ion Ratio Lower Upper
 101 100
 85 46.4 37.1 55.7
 151 79.5 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.107 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034206.D
 Acq: 16 Feb 2024 10:14

Tgt Ion: 96 Resp: 26288
 Ion Ratio Lower Upper
 96 100
 61 190.0 128.8 239.2
 63 140.3 97.9 181.9





#13

Acetone

Concen: 6.345 ug/L

RT: 2.381 min Scan# 417

Delta R.T. 0.231 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

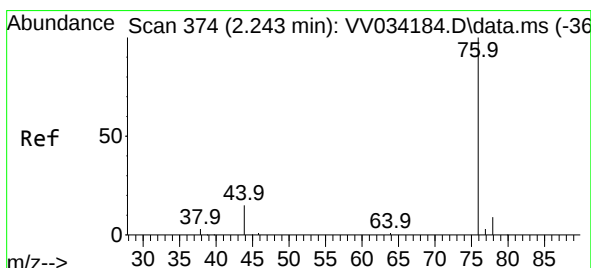
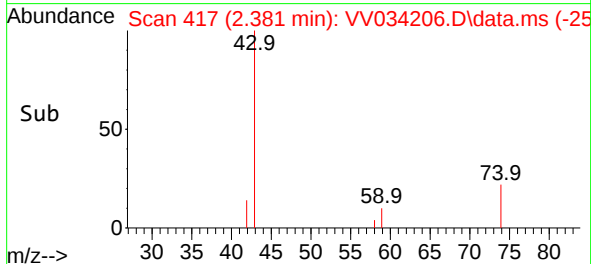
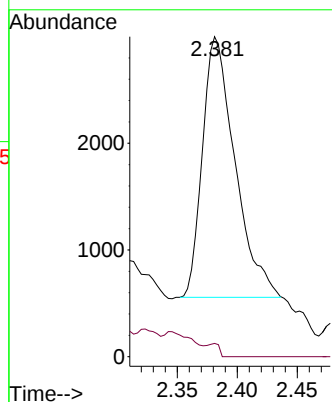
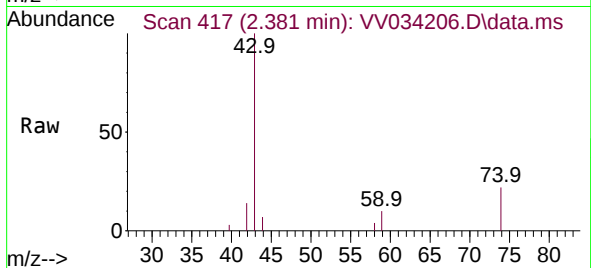
ClientSampleId :

Tgt Ion: 43 Resp: 4614

Ion Ratio Lower Upper

43 100

58 4.4 0.0 13.8



#14

Carbon disulfide

Concen: 4.395 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV034206.D

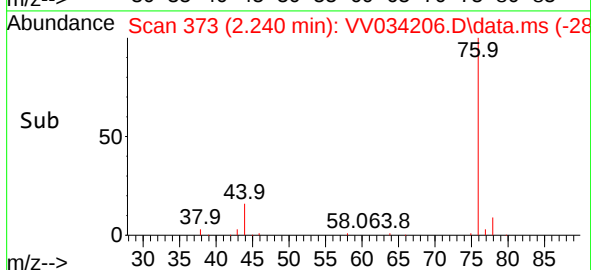
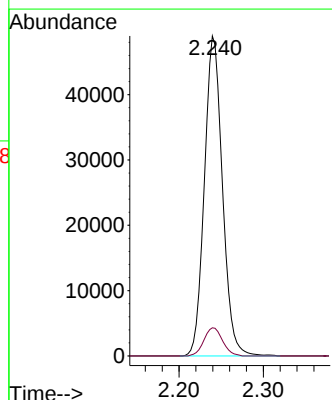
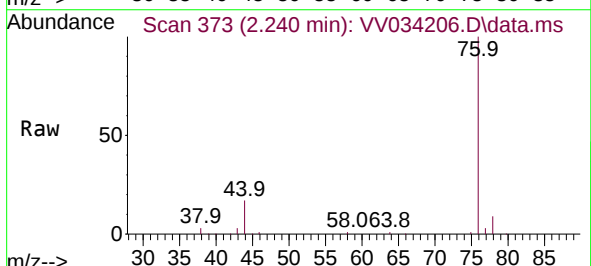
Acq: 16 Feb 2024 10:14

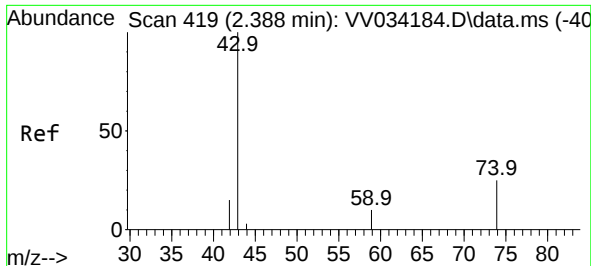
Tgt Ion: 76 Resp: 73208

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

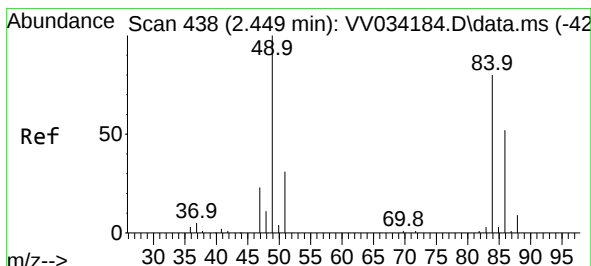
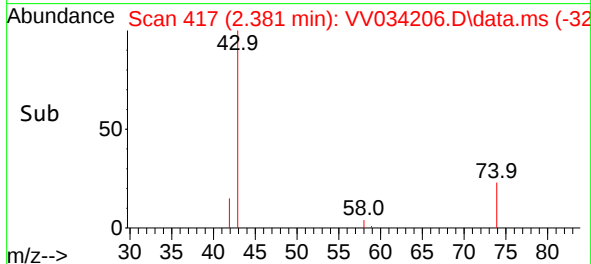
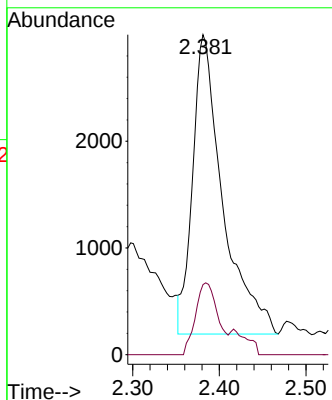
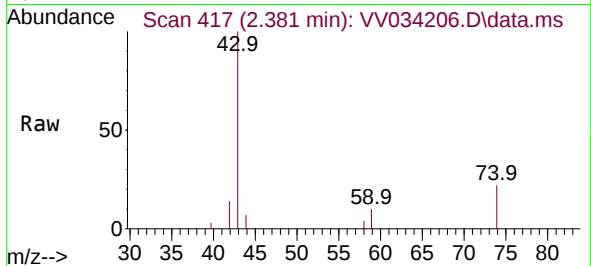




#15
Methyl Acetate
Concen: 3.950 ug/L
RT: 2.381 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

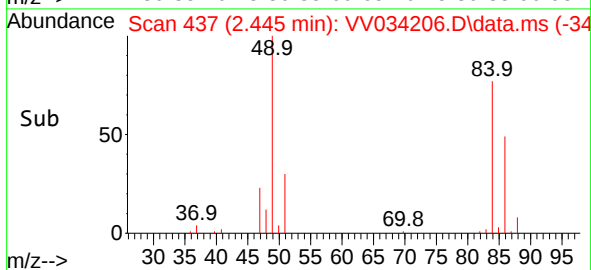
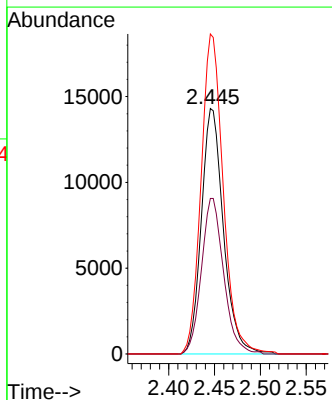
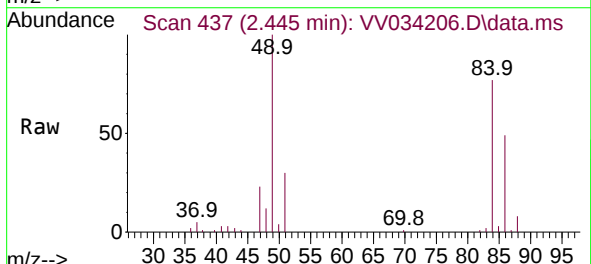
Instrument :
MSVOA_V
ClientSampleId :

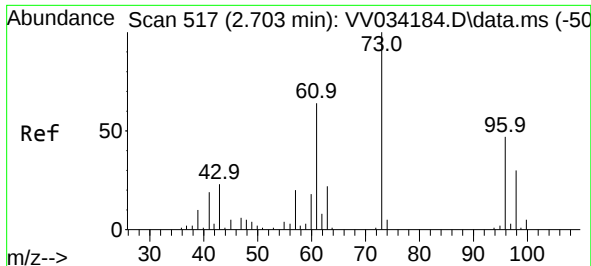
Tgt Ion: 43 Resp: 6797
Ion Ratio Lower Upper
43 100
74 17.8 18.2 27.4#



#16
Methylene chloride
Concen: 4.852 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

Tgt Ion: 84 Resp: 23967
Ion Ratio Lower Upper
84 100
86 63.3 44.7 83.1
49 130.3 93.7 173.9

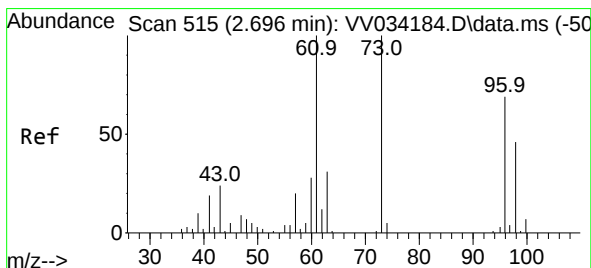
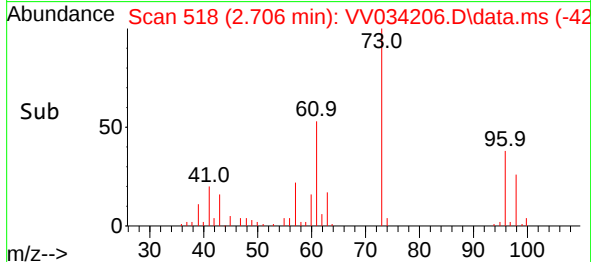
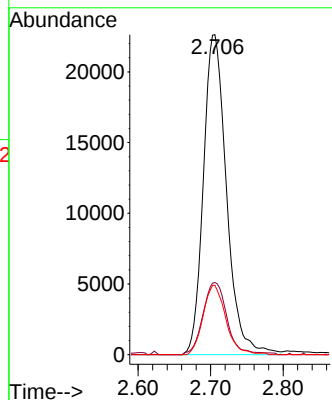
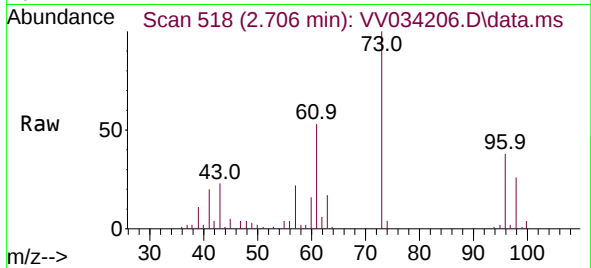




#17
Methyl tert-butyl Ether
Concen: 4.749 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

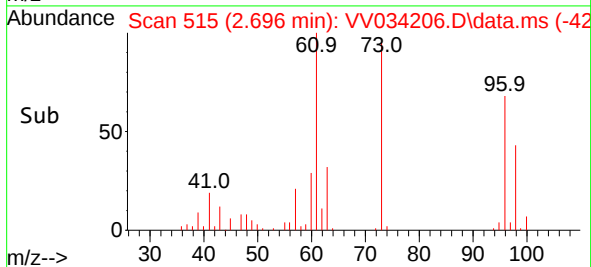
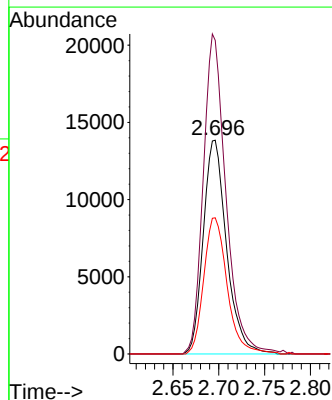
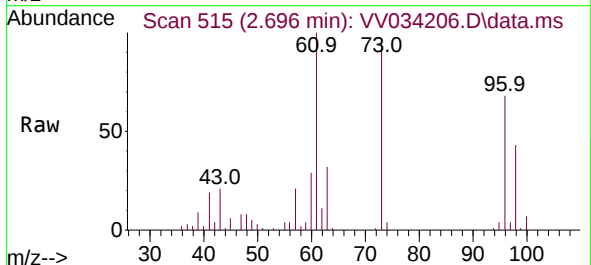
Instrument :
MSVOA_V
ClientSampleId :

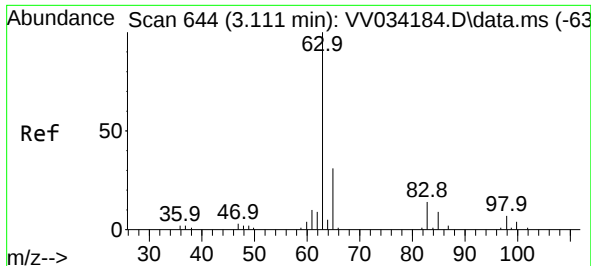
Tgt Ion: 73 Resp: 50229
Ion Ratio Lower Upper
73 100
43 23.6 17.7 26.5
57 21.2 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.672 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

Tgt Ion: 96 Resp: 24498
Ion Ratio Lower Upper
96 100
61 146.7 97.6 181.4
98 63.7 44.4 82.5





#19

1,1-Dichloroethane

Concen: 4.679 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV034206.D

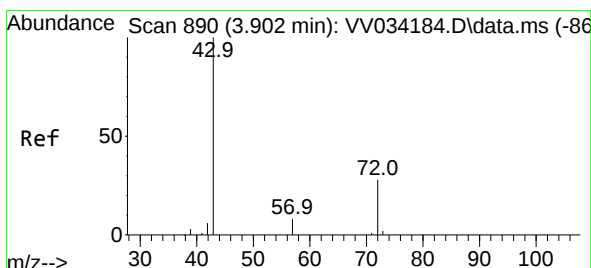
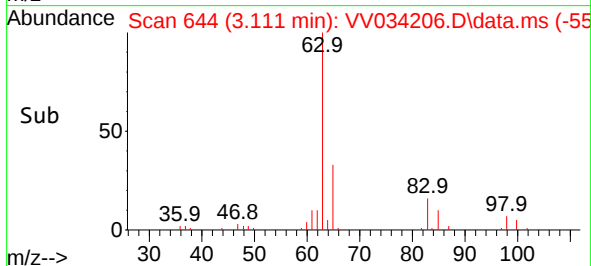
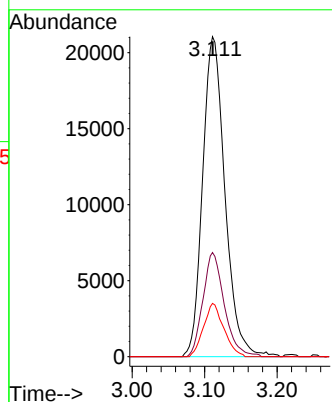
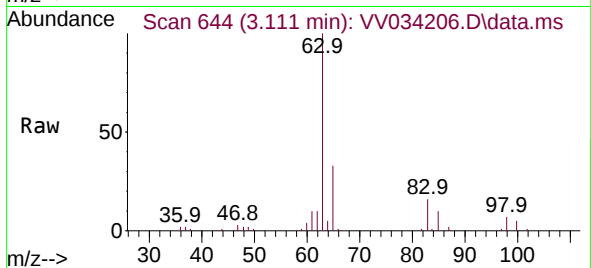
Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	45074
Ion	Ratio	Lower	Upper
63	100		
65	32.5	20.8	38.6
83	16.6	9.4	17.4



#21

2-Butanone

Concen: 31.626 ug/L

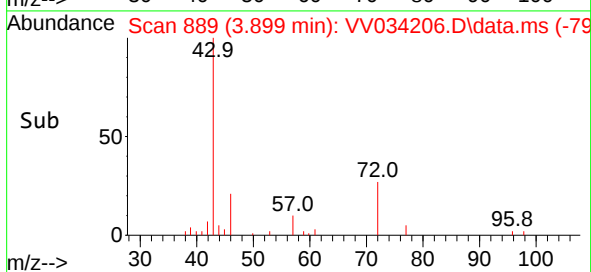
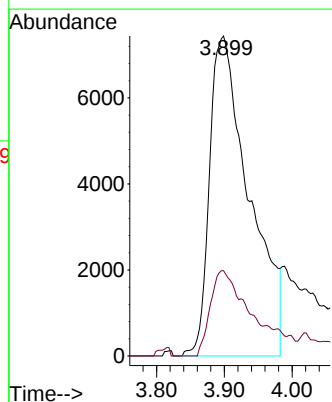
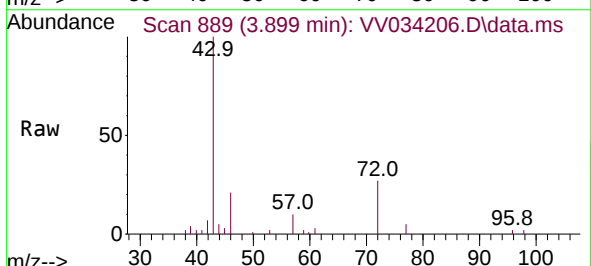
RT: 3.899 min Scan# 889

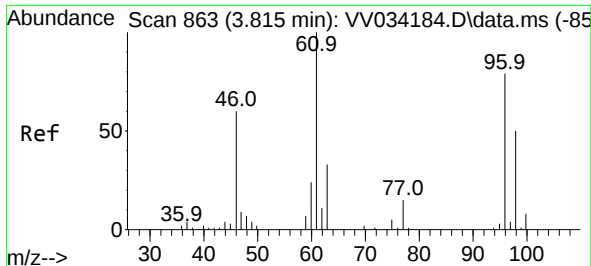
Delta R.T. -0.003 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Tgt Ion:	43	Resp:	30389
Ion	Ratio	Lower	Upper
43	100		
72	27.6	4.0	11.9





#22

cis-1,2-Dichloroethene

Concen: 4.344 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

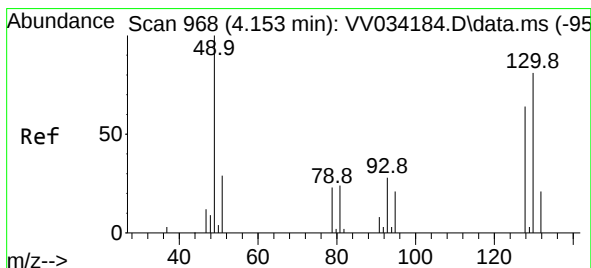
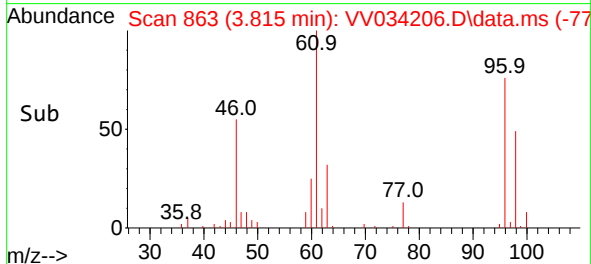
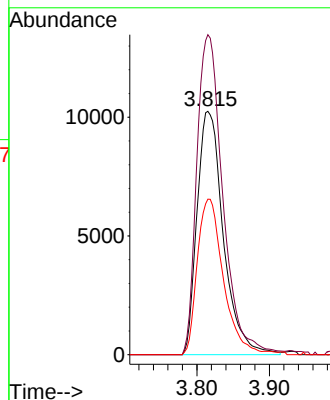
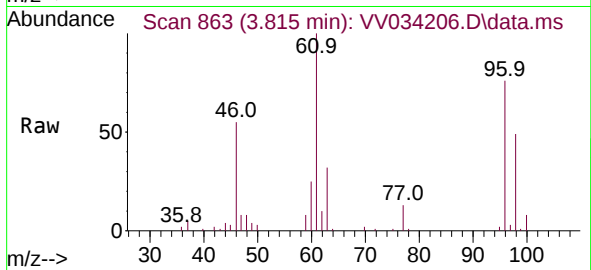
Tgt Ion: 96 Resp: 25840

Ion Ratio Lower Upper

96 100

61 131.5 90.3 167.7

98 63.9 43.2 80.2



#23

Bromochloromethane

Concen: 4.849 ug/L

RT: 4.146 min Scan# 966

Delta R.T. -0.007 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Tgt Ion: 128 Resp: 10027

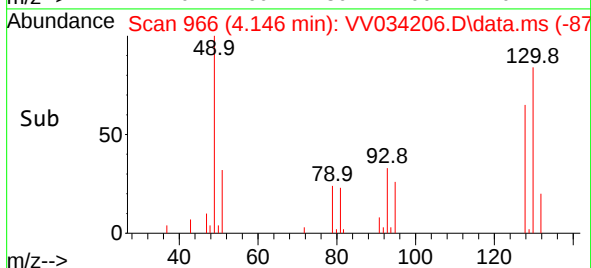
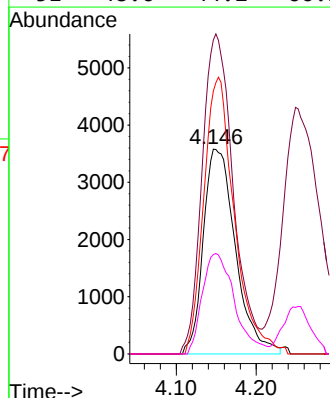
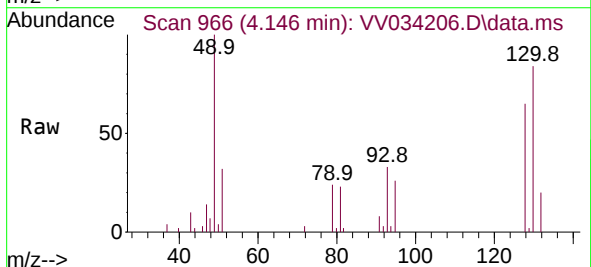
Ion Ratio Lower Upper

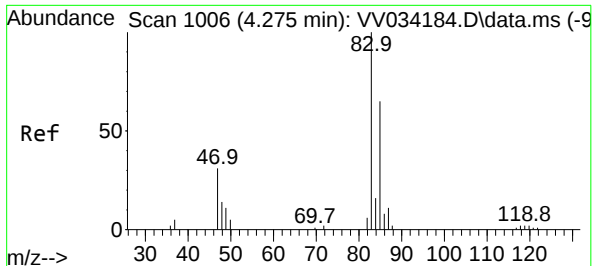
128 100

49 153.4 120.5 223.7

130 128.3 93.4 173.4

51 48.6 44.2 66.2

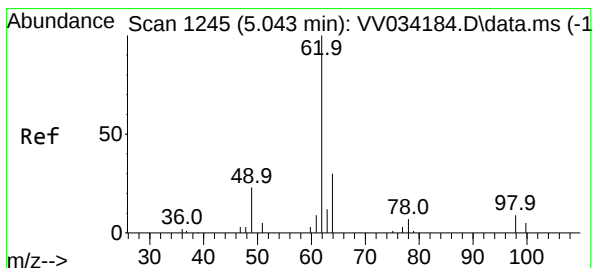
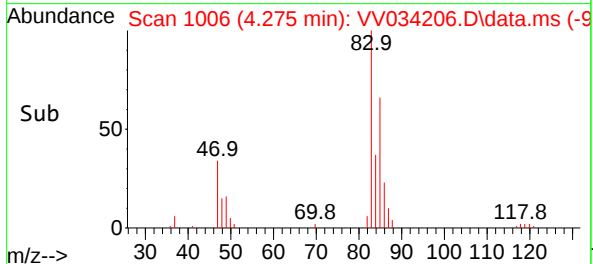
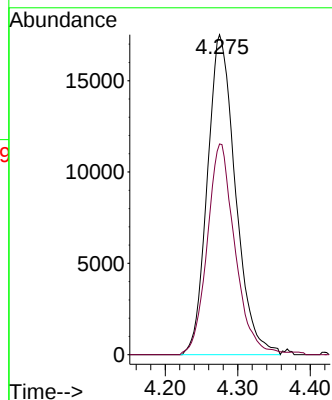
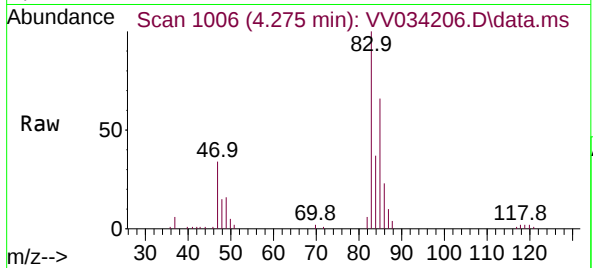




#25
Chloroform
Concen: 4.835 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

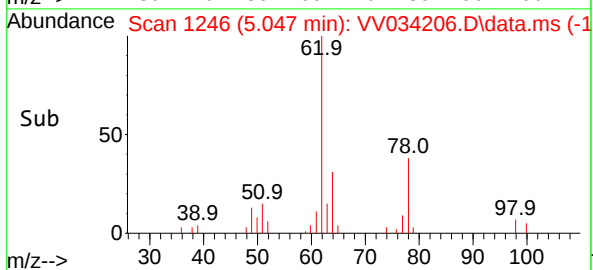
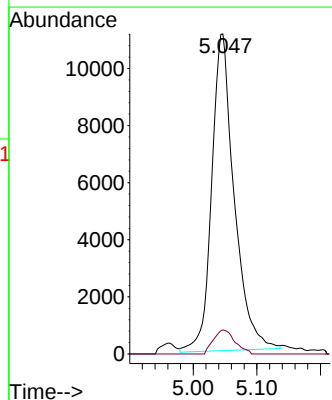
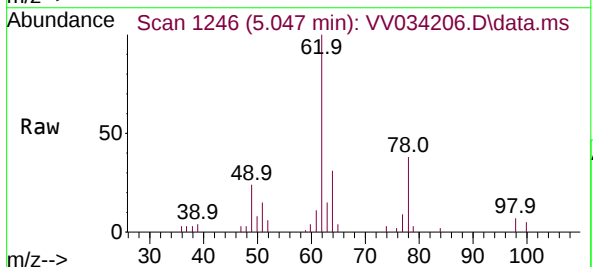
Instrument :
MSVOA_V
ClientSampleId :

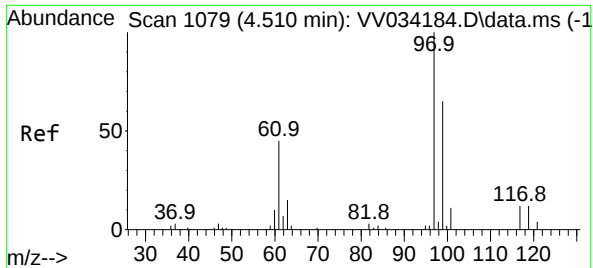
Tgt Ion: 83 Resp: 47090
Ion Ratio Lower Upper
83 100
85 65.9 47.5 88.1



#27
1,2-Dichloroethane
Concen: 4.898 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

Tgt Ion: 62 Resp: 27314
Ion Ratio Lower Upper
62 100
98 7.5 6.9 10.3

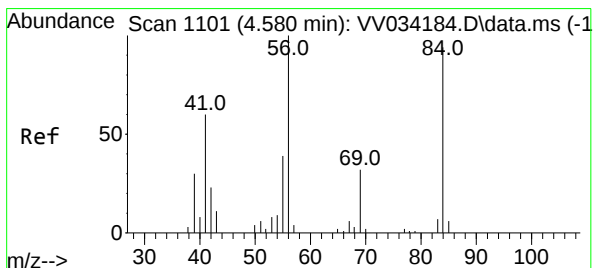
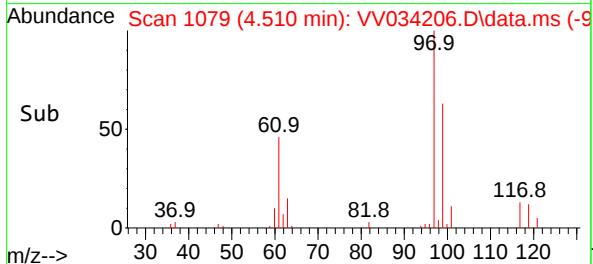
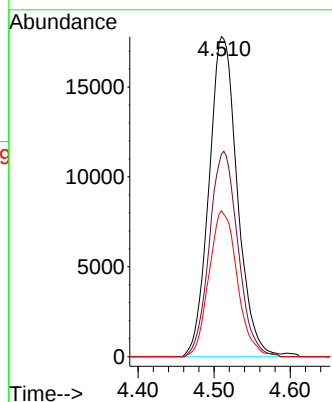
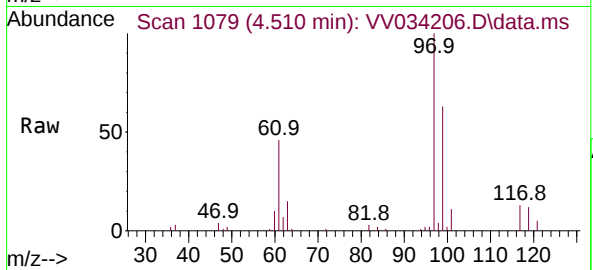




#29
1,1,1-Trichloroethane
Concen: 5.057 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

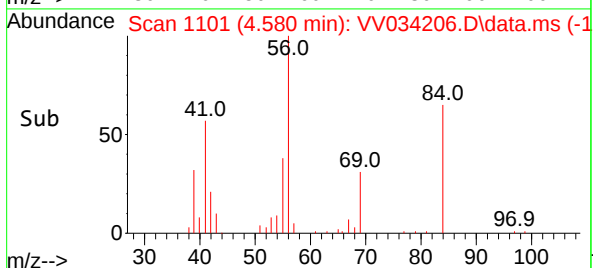
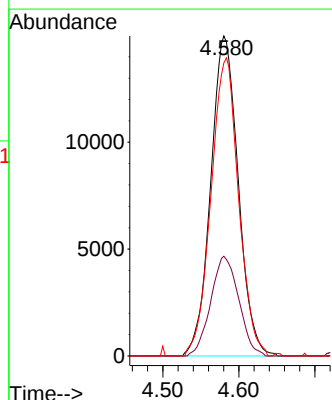
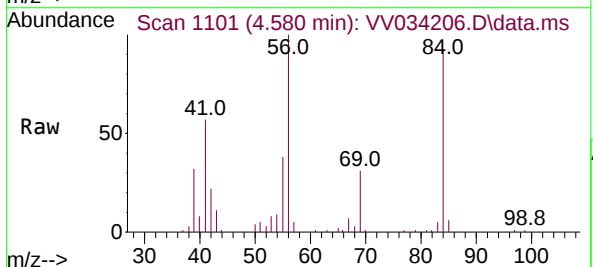
Instrument :
MSVOA_V
ClientSampleId :

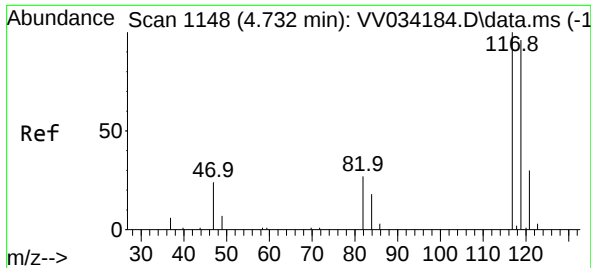
Tgt Ion: 97 Resp: 46105
Ion Ratio Lower Upper
97 100
99 64.6 50.6 75.8
61 45.5 36.8 55.2



#30
Cyclohexane
Concen: 4.240 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

Tgt Ion: 56 Resp: 37593
Ion Ratio Lower Upper
56 100
69 31.7 24.2 36.2
84 93.3 70.0 105.0

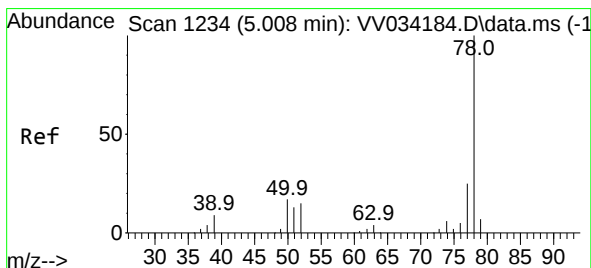
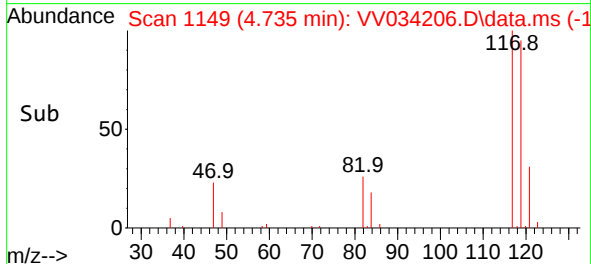
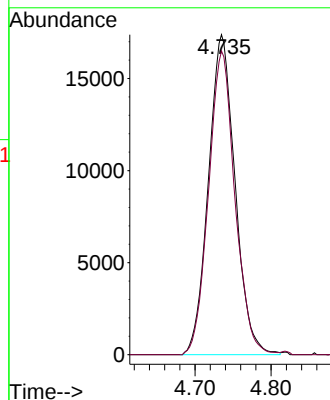
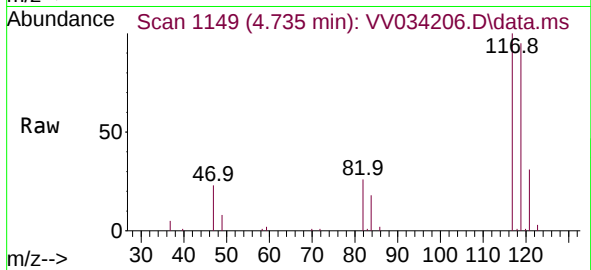




#31
Carbon tetrachloride
Concen: 5.297 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

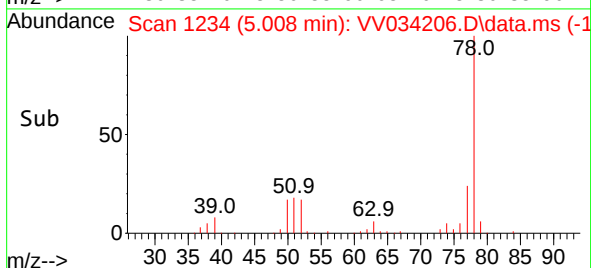
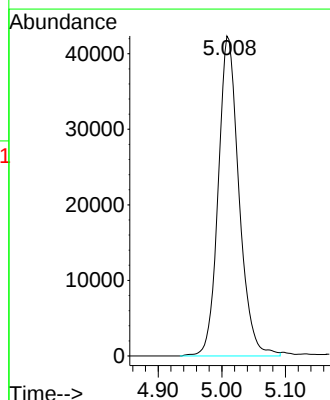
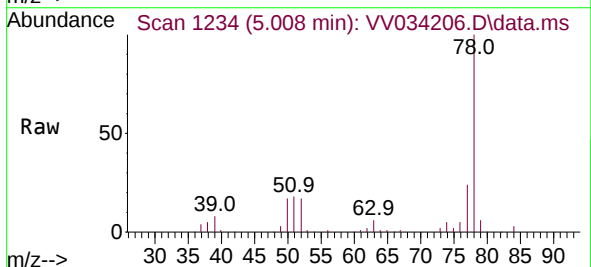
Instrument :
MSVOA_V
ClientSampleId :

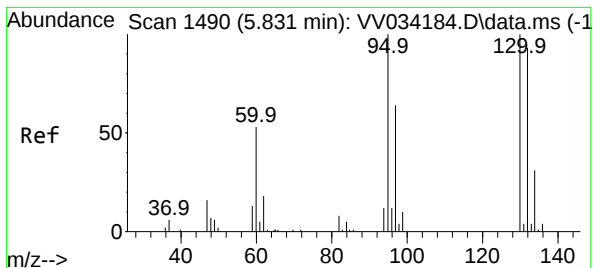
Tgt Ion:117 Resp: 42259
Ion Ratio Lower Upper
117 100
119 94.0 76.1 114.1



#33
Benzene
Concen: 4.707 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

Tgt Ion: 78 Resp: 95885





#34

Trichloroethene

Concen: 4.482 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 26424

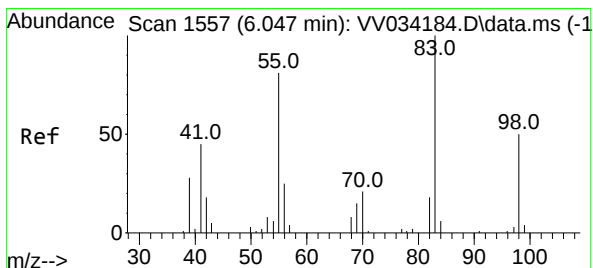
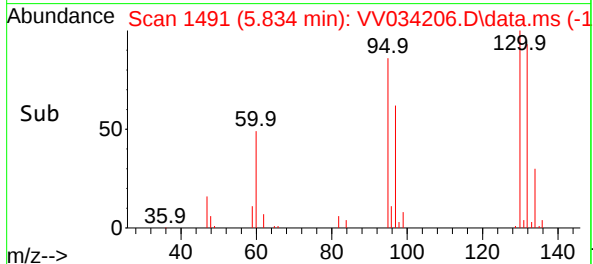
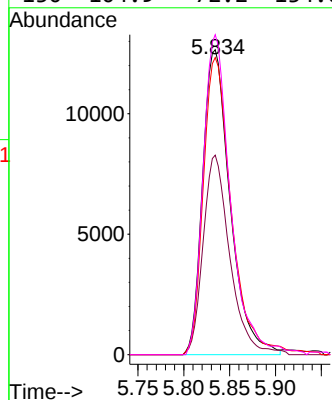
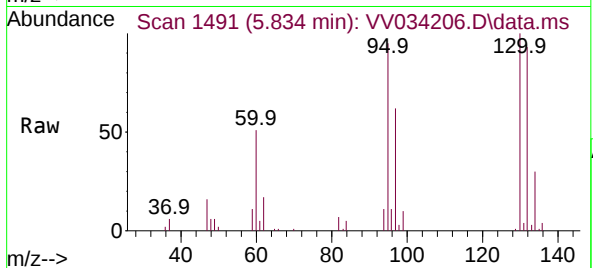
Ion Ratio Lower Upper

95 100

97 65.4 45.1 83.7

132 97.4 66.0 122.6

130 104.9 72.2 134.0



#35

Methylcyclohexane

Concen: 4.546 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

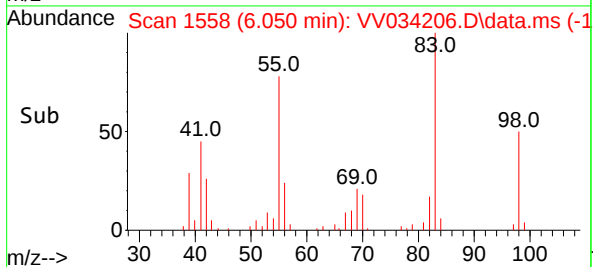
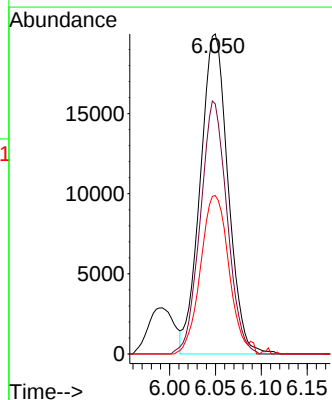
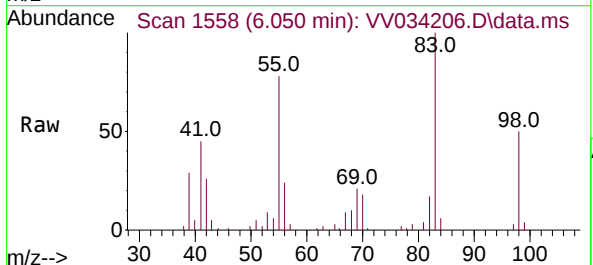
Tgt Ion: 83 Resp: 42066

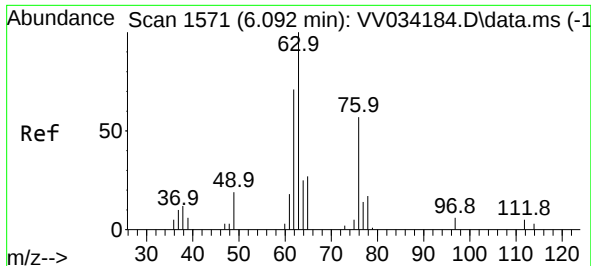
Ion Ratio Lower Upper

83 100

55 76.1 63.5 95.3

98 50.7 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.325 ug/L

RT: 6.092 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

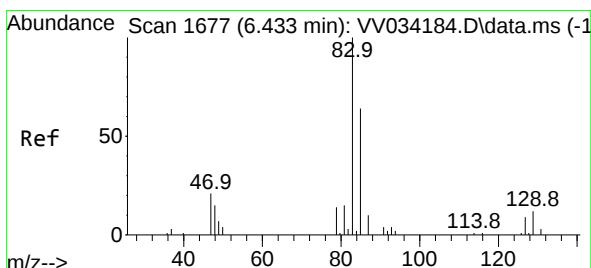
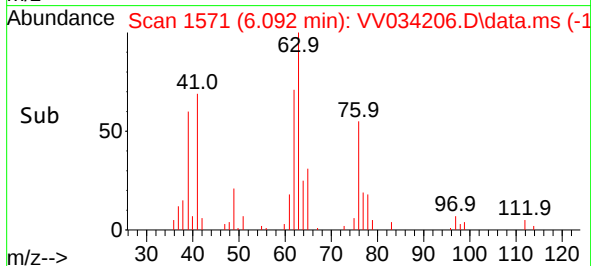
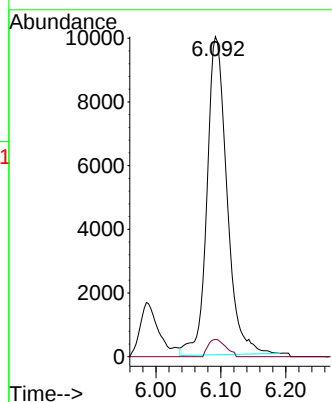
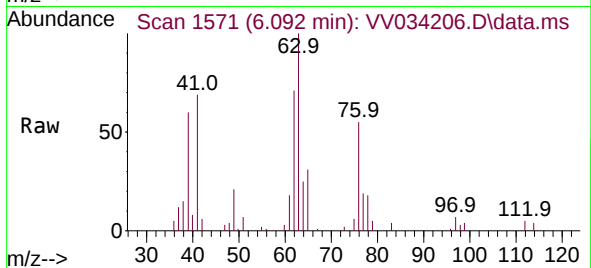
ClientSampleId :

Tgt Ion: 63 Resp: 21340

Ion Ratio Lower Upper

63 100

112 4.8 3.4 5.0



#38

Bromodichloromethane

Concen: 4.875 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

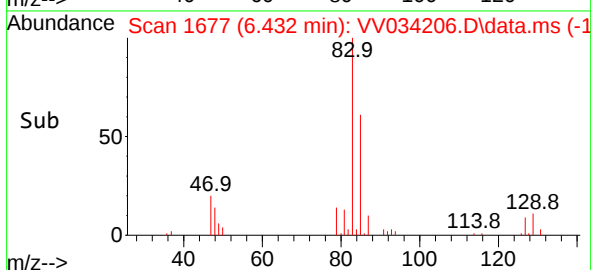
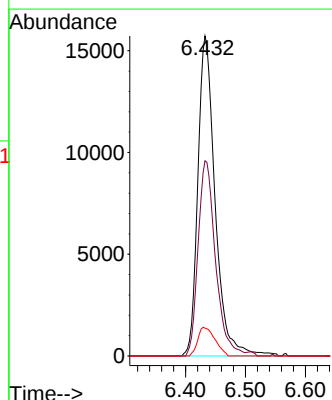
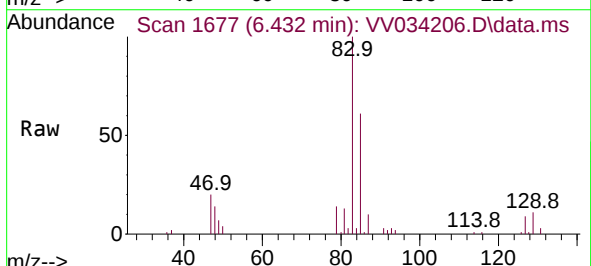
Tgt Ion: 83 Resp: 31573

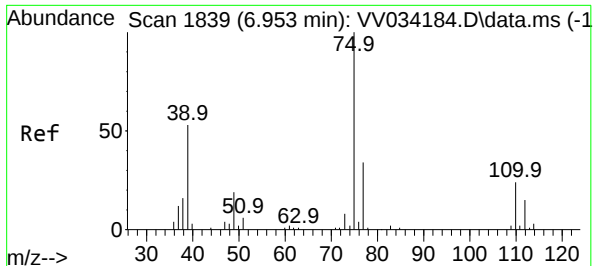
Ion Ratio Lower Upper

83 100

85 61.0 45.4 84.2

127 8.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.540 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

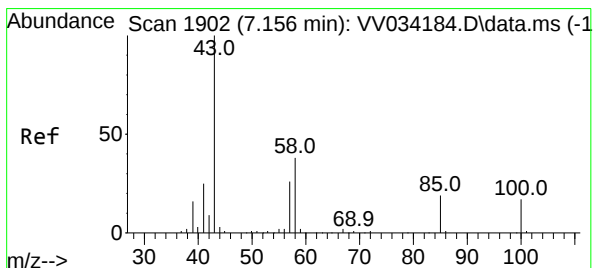
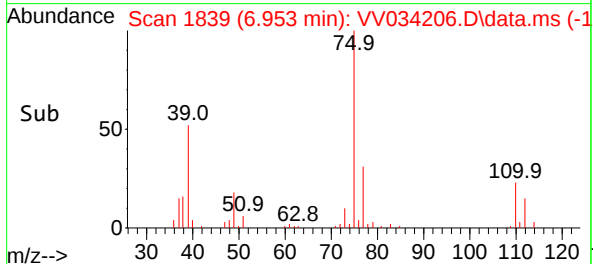
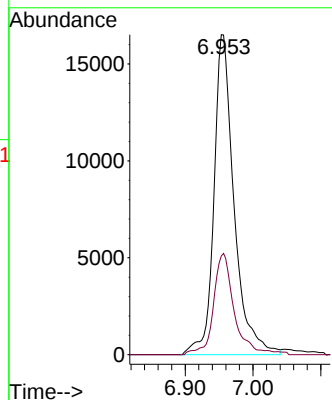
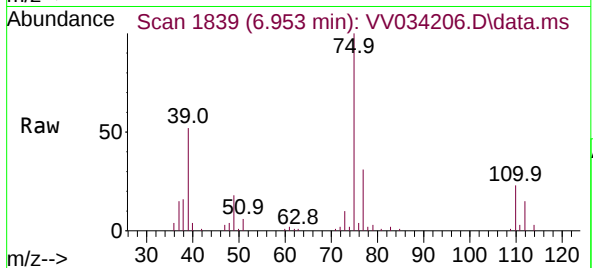
ClientSampleId :

Tgt Ion: 75 Resp: 34085

Ion Ratio Lower Upper

75 100

77 30.9 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 43.540 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.003 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

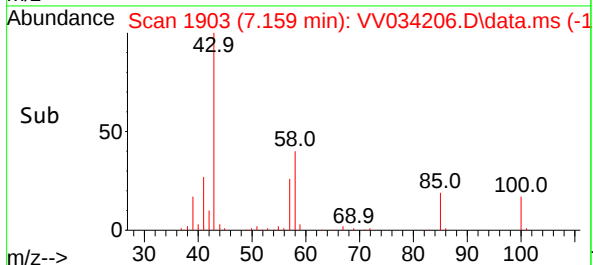
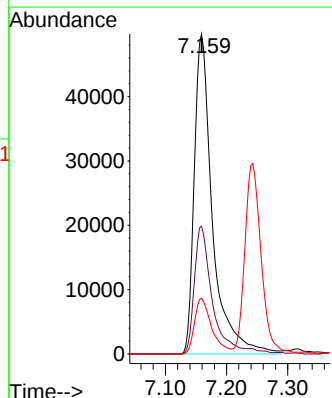
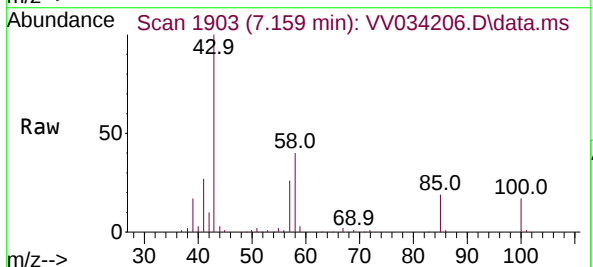
Tgt Ion: 43 Resp: 102871

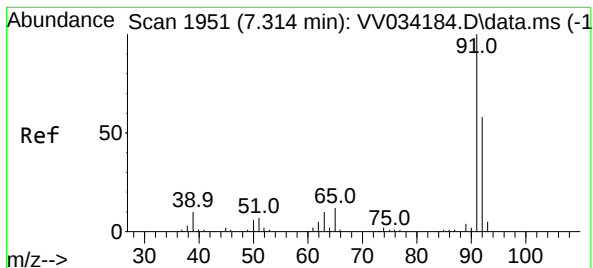
Ion Ratio Lower Upper

43 100

58 39.8 30.2 45.2

100 16.5 12.1 18.1





#42

Toluene

Concen: 4.899 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

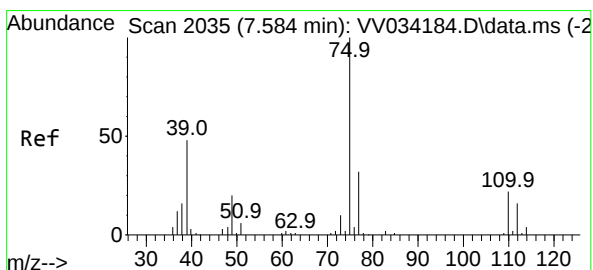
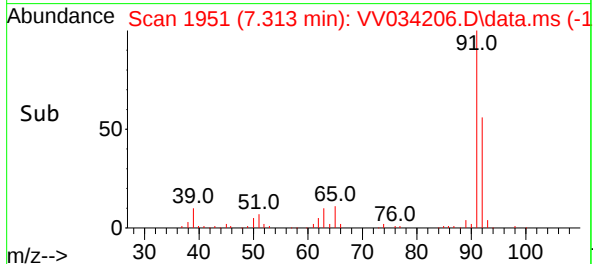
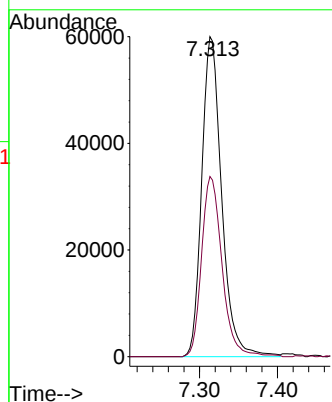
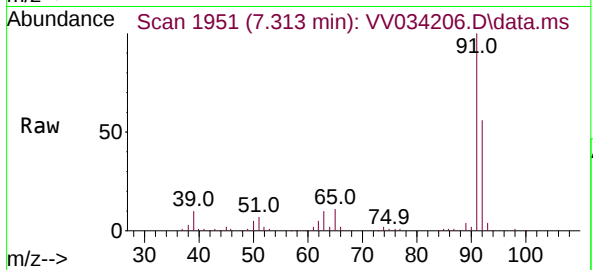
ClientSampleId :

Tgt Ion: 91 Resp: 106654

Ion Ratio Lower Upper

91 100

92 56.3 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.825 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034206.D

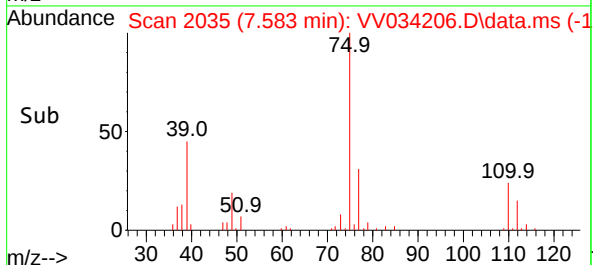
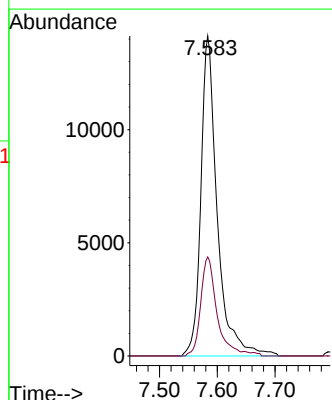
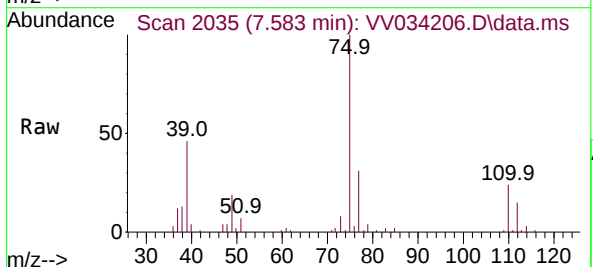
Acq: 16 Feb 2024 10:14

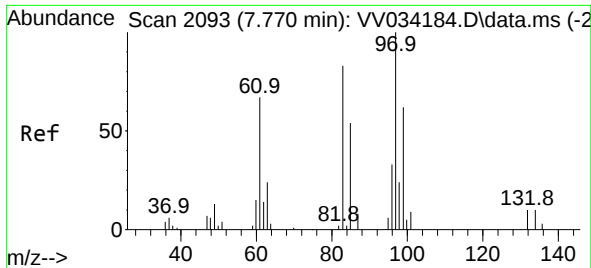
Tgt Ion: 75 Resp: 27813

Ion Ratio Lower Upper

75 100

77 30.9 22.2 41.2

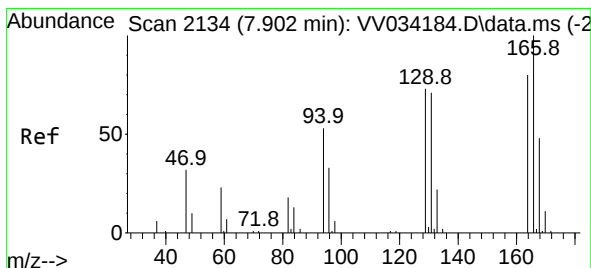
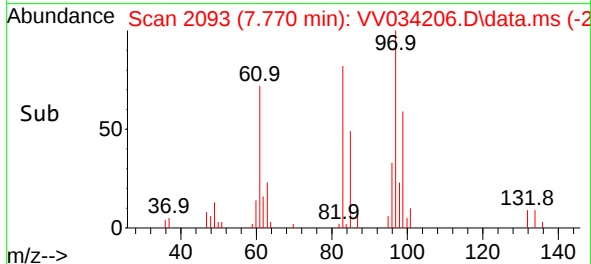
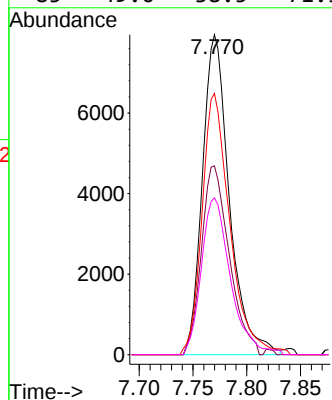
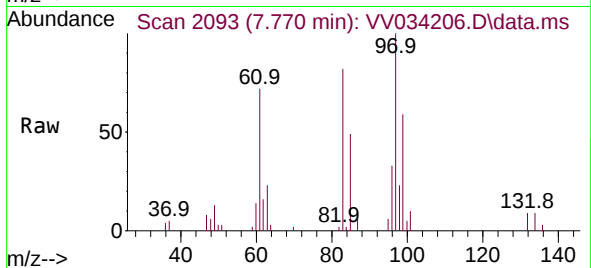




#45
1,1,2-Trichloroethane
Concen: 4.545 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

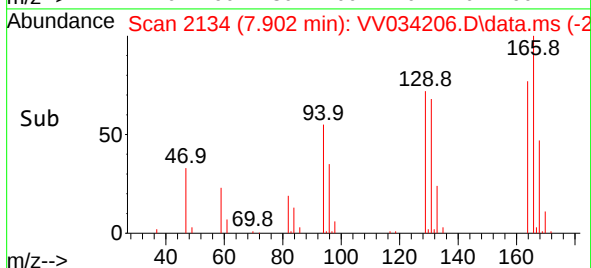
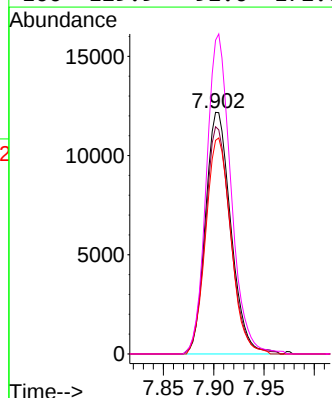
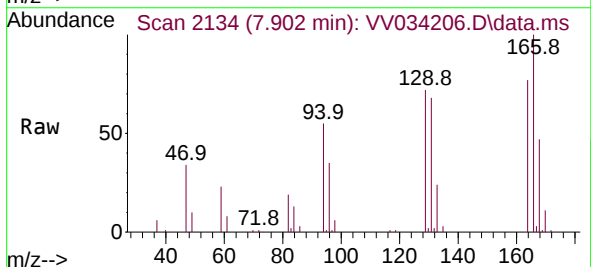
Instrument :
MSVOA_V
ClientSampleId :

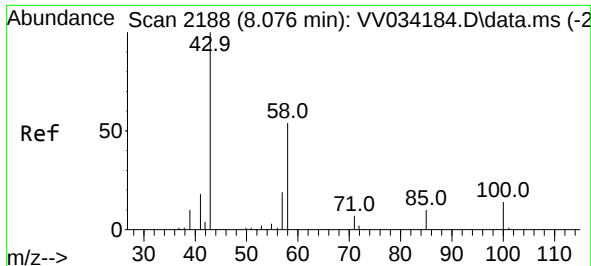
Tgt Ion:	97	Resp:	13848
Ion	Ratio	Lower	Upper
97	100		
99	59.0	45.6	84.6
83	81.7	62.3	115.7
85	49.0	38.5	71.5



#47
Tetrachloroethene
Concen: 4.480 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

Tgt Ion:	164	Resp:	21461
Ion	Ratio	Lower	Upper
164	100		
129	94.1	67.8	125.8
131	88.5	63.0	117.0
166	129.9	92.6	172.0

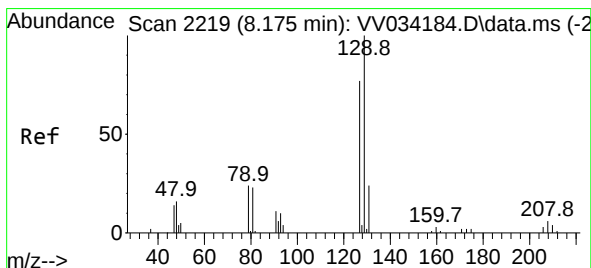
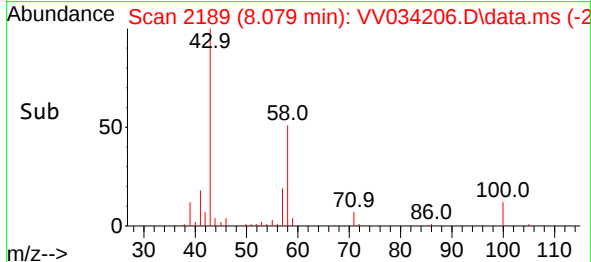
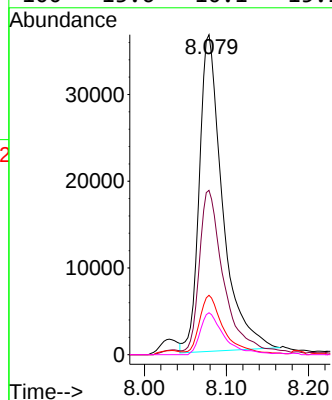
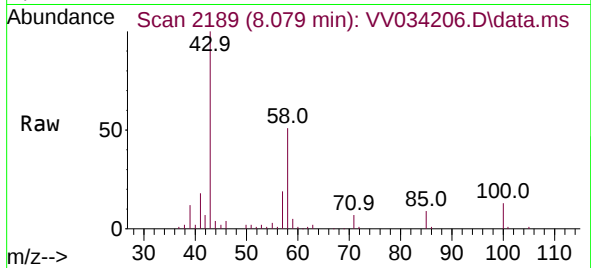




#48
2-Hexanone
Concen: 43.189 ug/L
RT: 8.079 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

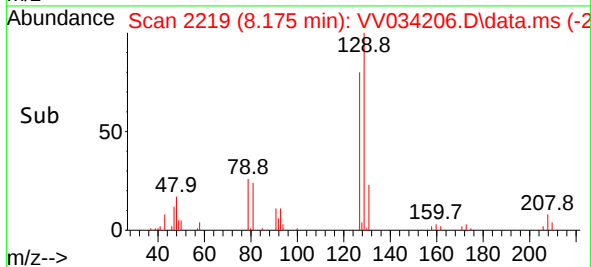
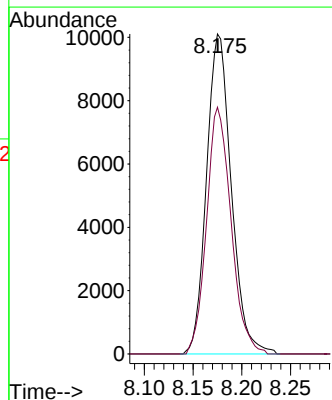
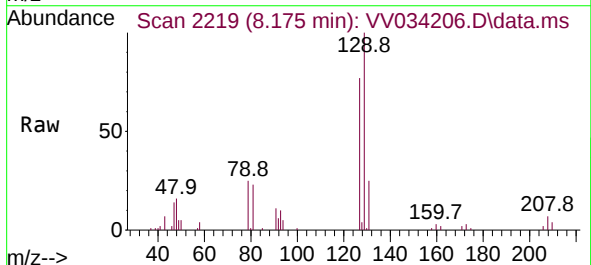
Instrument :
MSVOA_V
ClientSampleId :

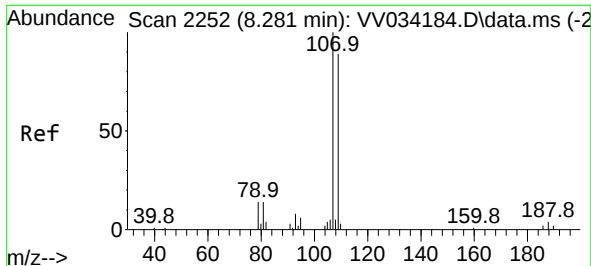
Tgt Ion: 43 Resp: 71929
Ion Ratio Lower Upper
43 100
58 53.8 42.6 64.0
57 20.0 15.5 23.3
100 13.6 10.1 15.1



#49
Dibromochloromethane
Concen: 4.944 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

Tgt Ion: 129 Resp: 17900
Ion Ratio Lower Upper
129 100
127 77.1 53.5 99.5





#50

1,2-Dibromoethane

Concen: 4.701 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034206.D

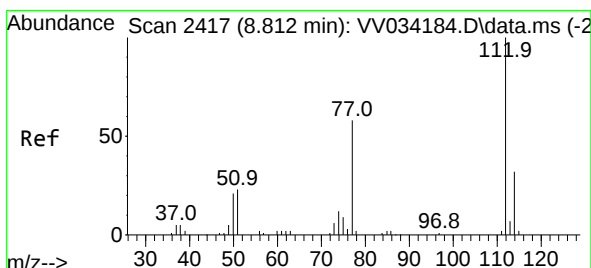
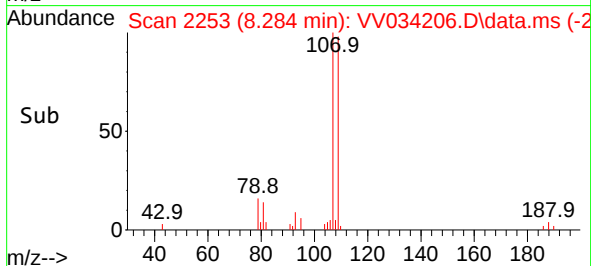
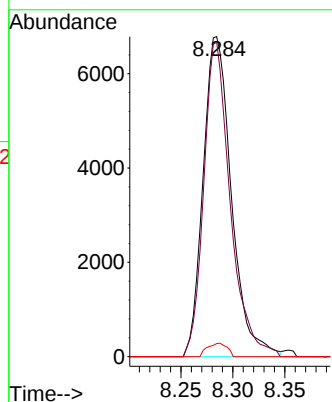
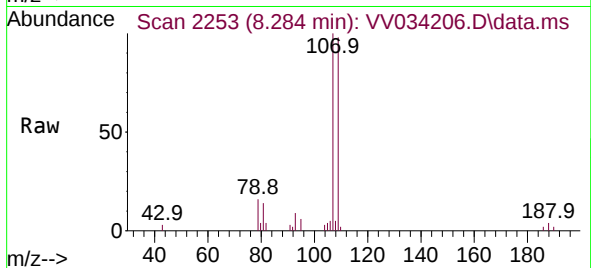
Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	12856
Ion	Ratio	Lower	Upper
107	100		
109	98.2	64.5	119.9
188	4.1	2.6	4.0#



#51

Chlorobenzene

Concen: 4.810 ug/L

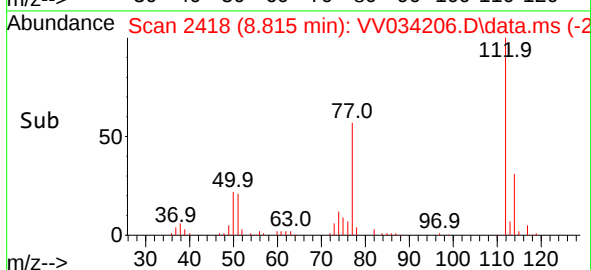
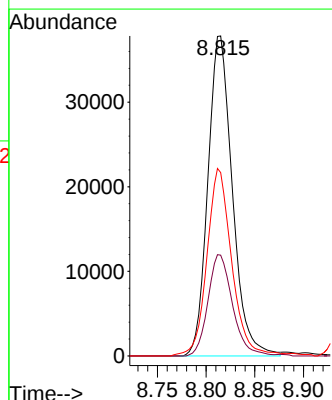
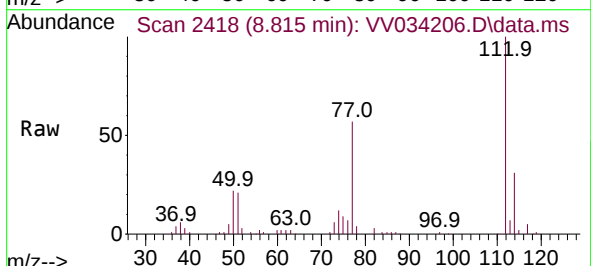
RT: 8.815 min Scan# 2418

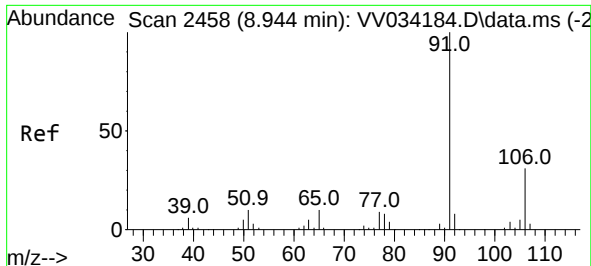
Delta R.T. 0.003 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Tgt Ion:	112	Resp:	66204
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.5	41.7
77	57.3	48.1	72.1





#52

Ethylbenzene

Concen: 4.845 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

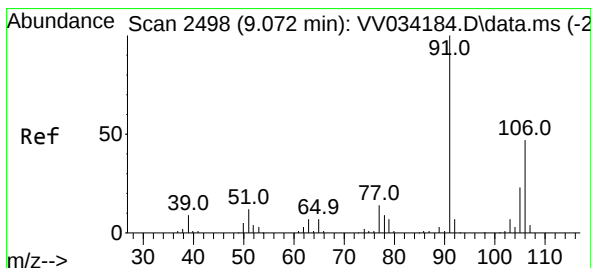
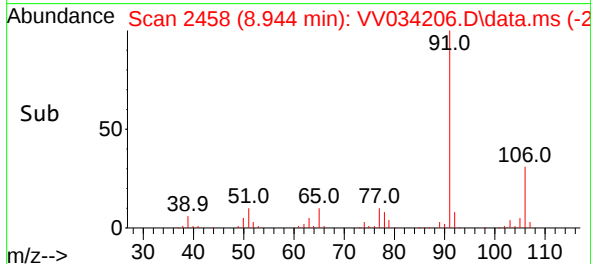
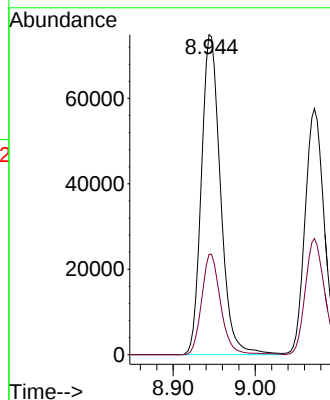
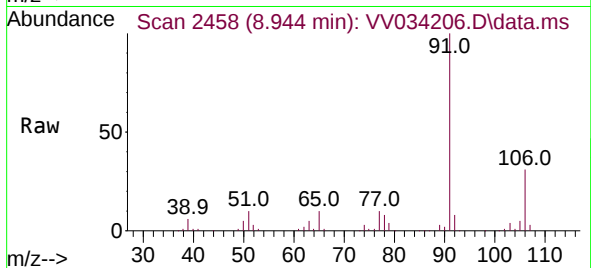
ClientSampleId :

Tgt Ion: 91 Resp: 121412

Ion Ratio Lower Upper

91 100

106 31.3 21.4 39.8



#53

m,p-Xylene

Concen: 4.824 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV034206.D

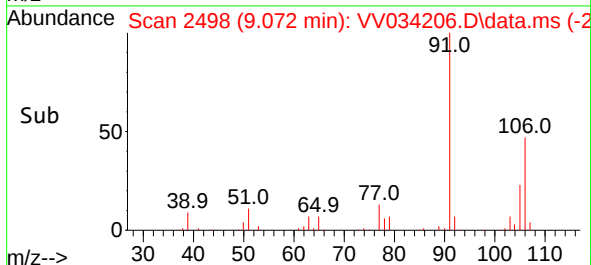
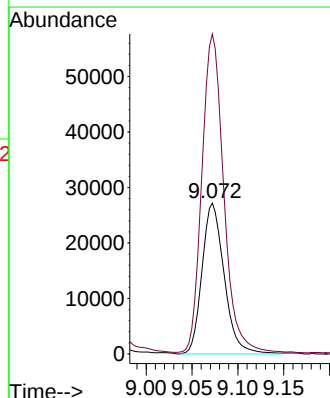
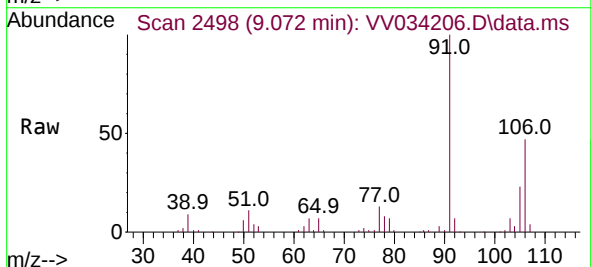
Acq: 16 Feb 2024 10:14

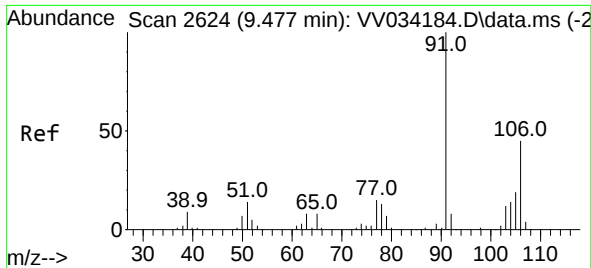
Tgt Ion:106 Resp: 45681

Ion Ratio Lower Upper

106 100

91 212.1 147.5 273.9

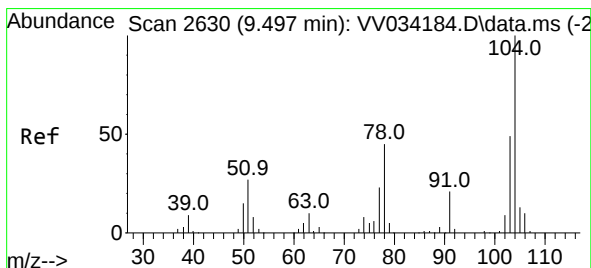
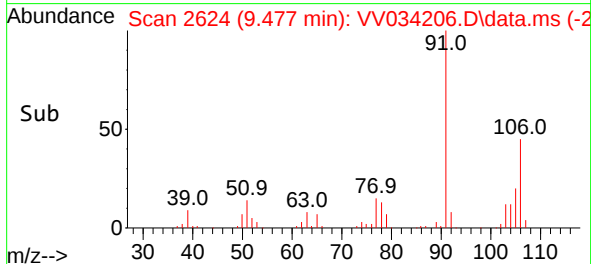
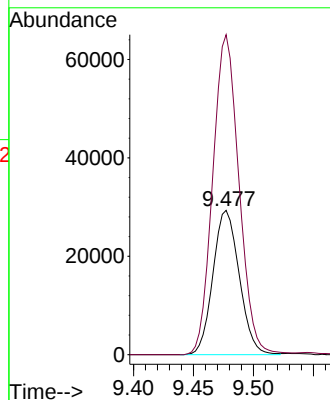
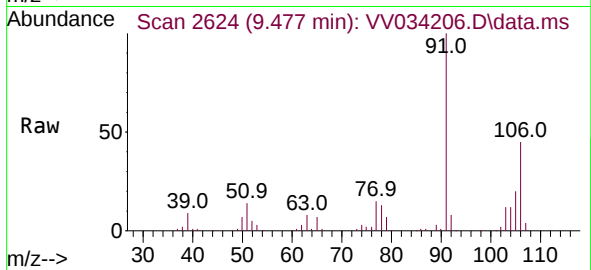




#54
o-Xylene
Concen: 4.904 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

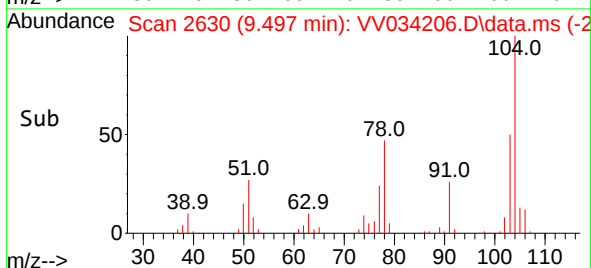
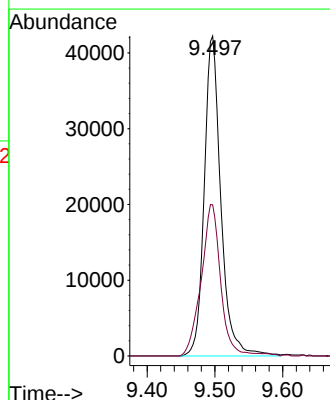
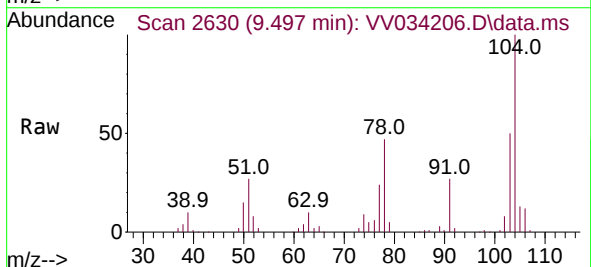
Instrument :
MSVOA_V
ClientSampleId :

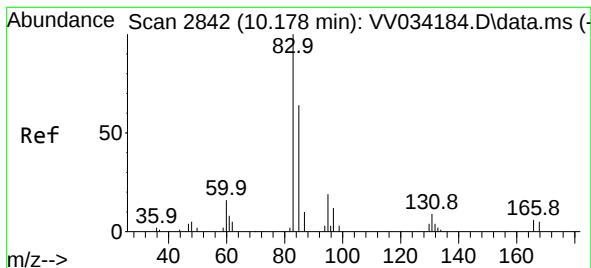
Tgt Ion:106 Resp: 44774
Ion Ratio Lower Upper
106 100
91 221.8 156.2 290.0



#55
Styrene
Concen: 4.918 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

Tgt Ion:104 Resp: 71899
Ion Ratio Lower Upper
104 100
78 47.3 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.598 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.000 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

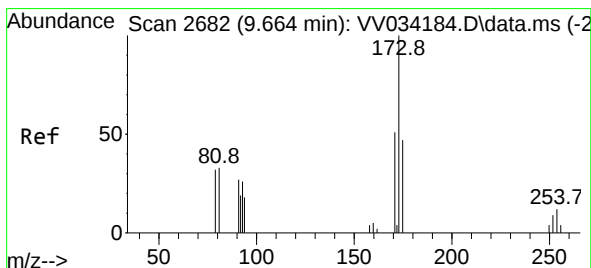
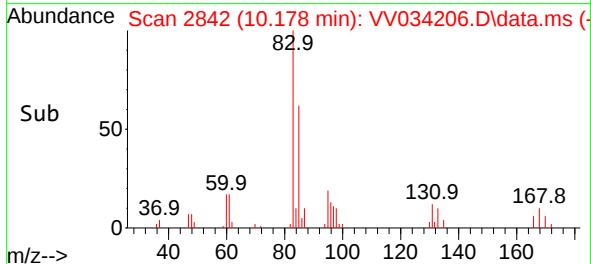
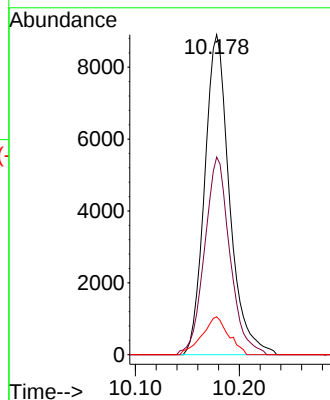
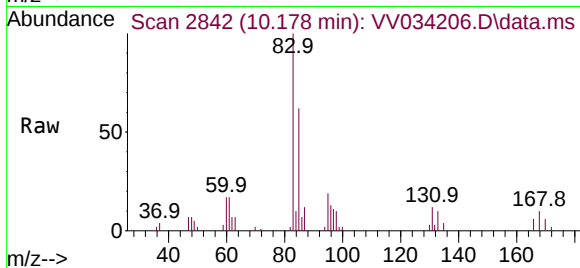
Tgt Ion: 83 Resp: 14784

Ion Ratio Lower Upper

83 100

85 61.8 46.5 86.3

131 11.8 8.4 12.6



#59

Bromoform

Concen: 4.580 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.003 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

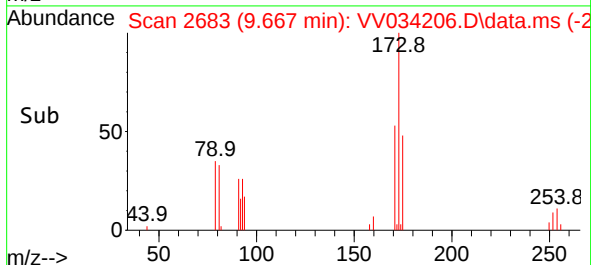
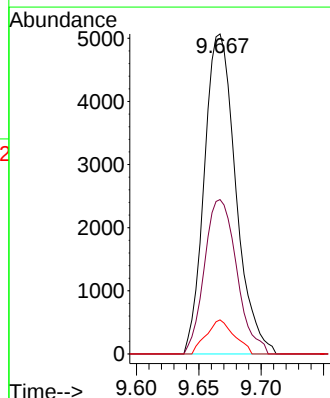
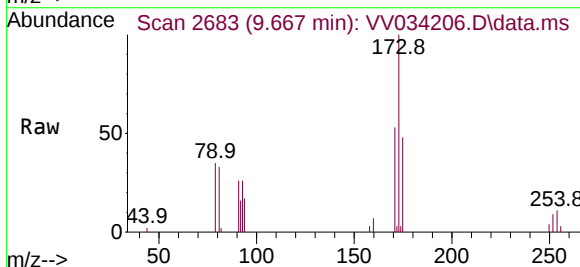
Tgt Ion: 173 Resp: 8897

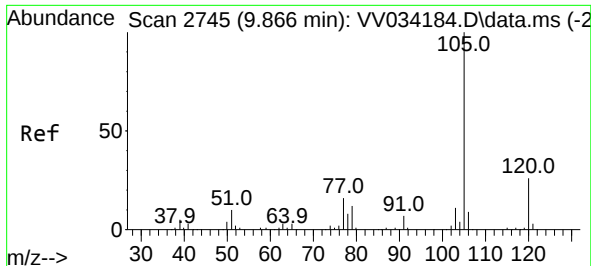
Ion Ratio Lower Upper

173 100

175 49.5 38.6 57.8

254 9.5 7.2 10.8

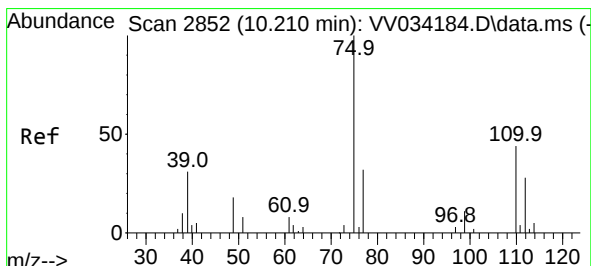
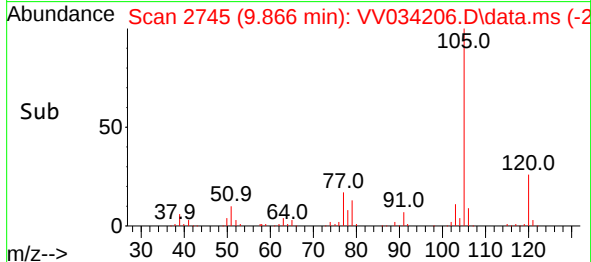
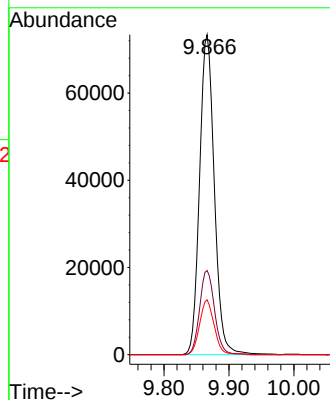
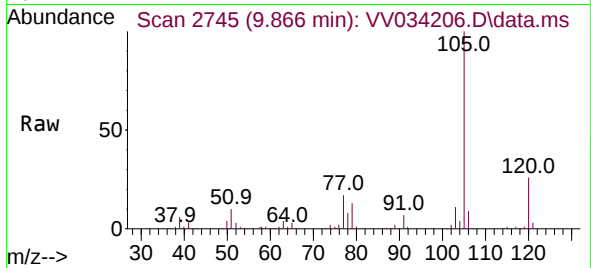




#60
Isopropylbenzene
Concen: 4.454 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

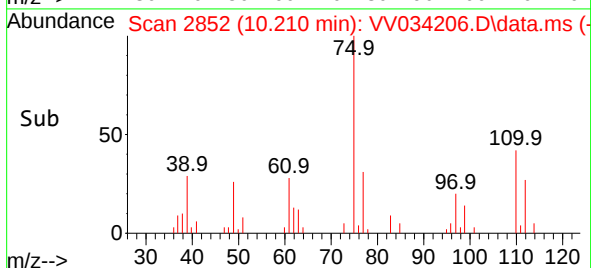
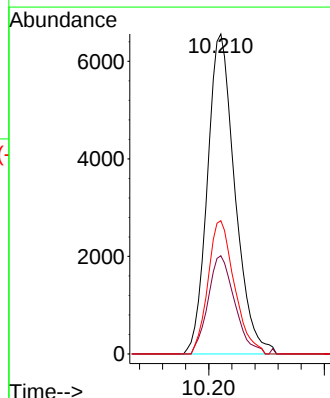
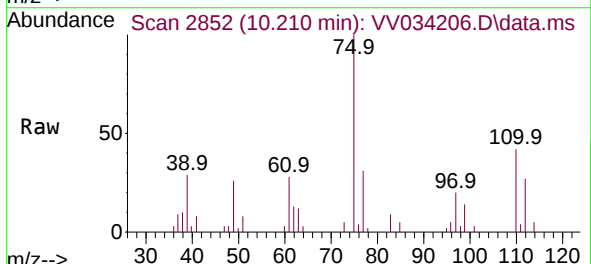
Instrument :
MSVOA_V
ClientSampleId :

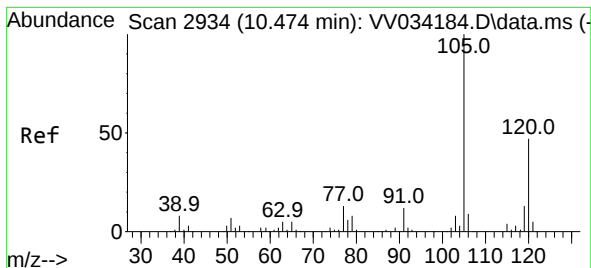
Tgt Ion:105 Resp: 116216
Ion Ratio Lower Upper
105 100
120 26.6 20.7 31.1
77 16.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.473 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

Tgt Ion: 75 Resp: 10844
Ion Ratio Lower Upper
75 100
77 29.7 26.9 40.3
110 39.9 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 4.659 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

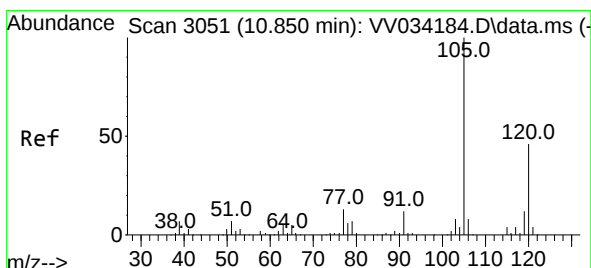
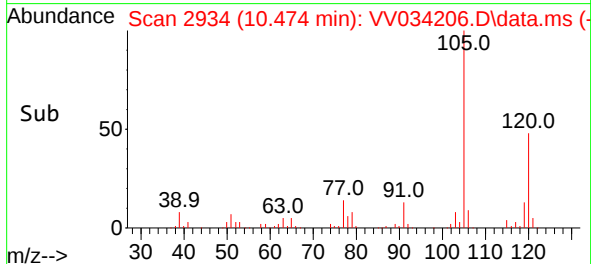
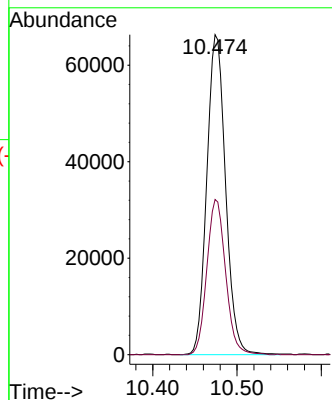
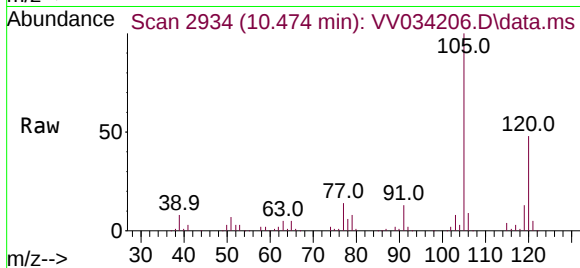
ClientSampleId :

Tgt Ion:105 Resp: 102768

Ion Ratio Lower Upper

105 100

120 48.4 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.785 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034206.D

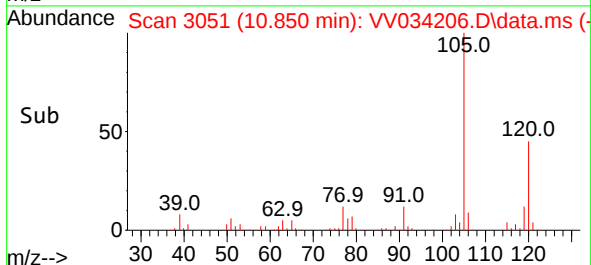
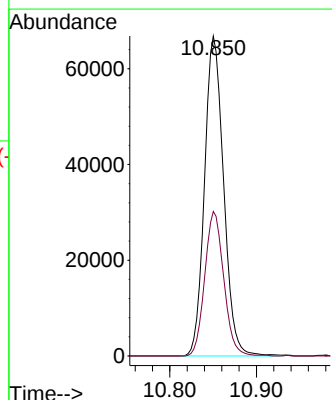
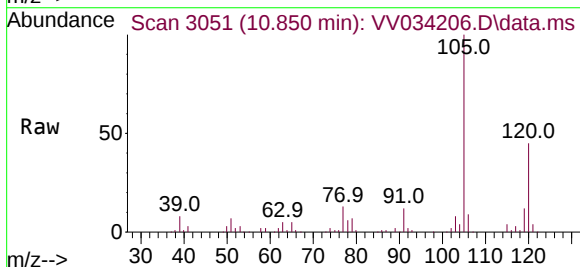
Acq: 16 Feb 2024 10:14

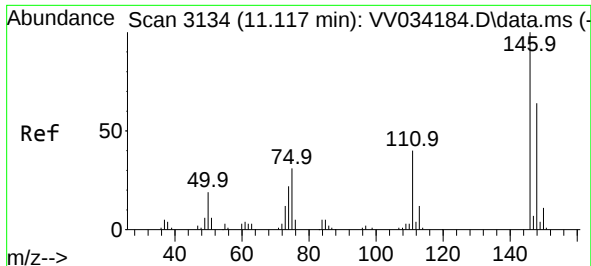
Tgt Ion:105 Resp: 102556

Ion Ratio Lower Upper

105 100

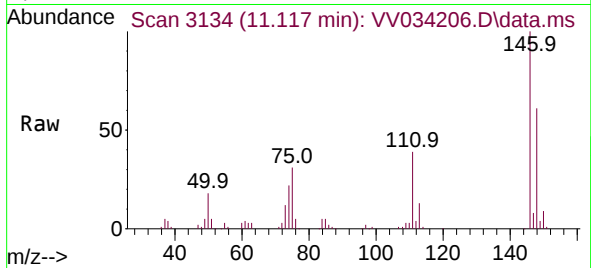
120 44.9 36.2 54.2



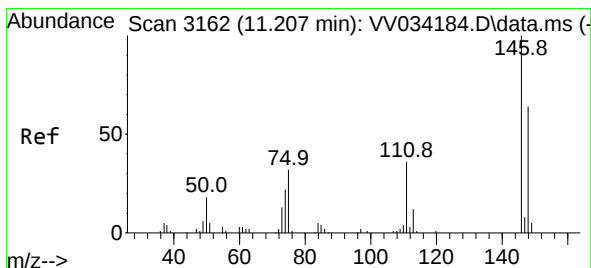
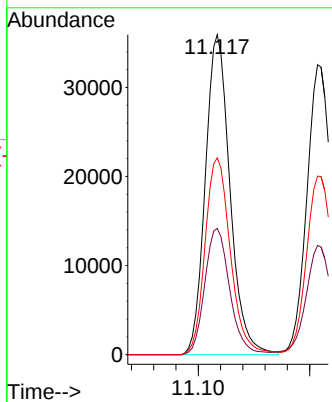
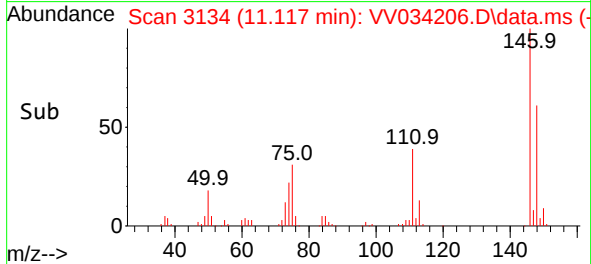


#64
1,3-Dichlorobenzene
Concen: 4.862 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14

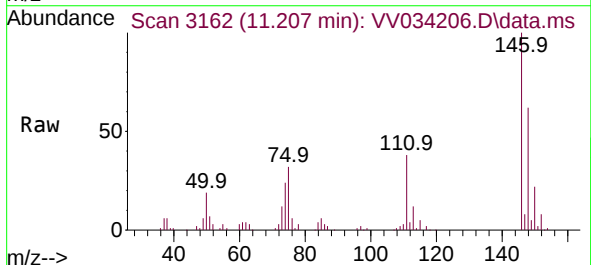
Instrument :
MSVOA_V
ClientSampleId :



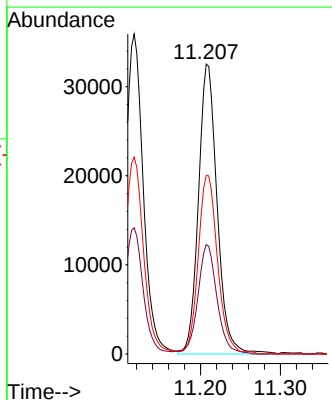
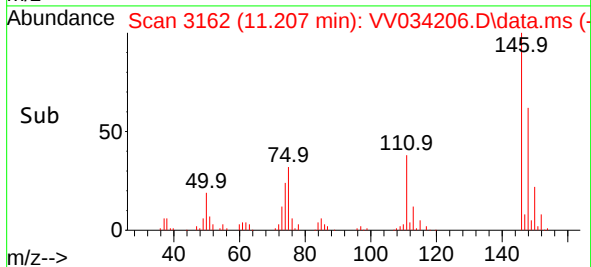
Tgt Ion:146 Resp: 55323
Ion Ratio Lower Upper
146 100
111 39.5 28.5 52.9
148 61.5 44.4 82.4

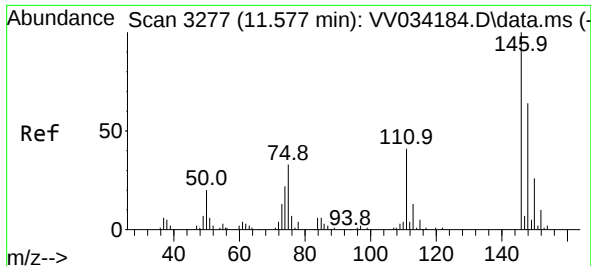


#65
1,4-Dichlorobenzene
Concen: 4.716 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV034206.D
Acq: 16 Feb 2024 10:14



Tgt Ion:146 Resp: 53130
Ion Ratio Lower Upper
146 100
111 37.7 27.6 51.4
148 61.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.816 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

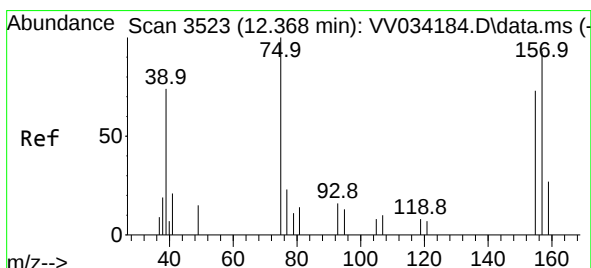
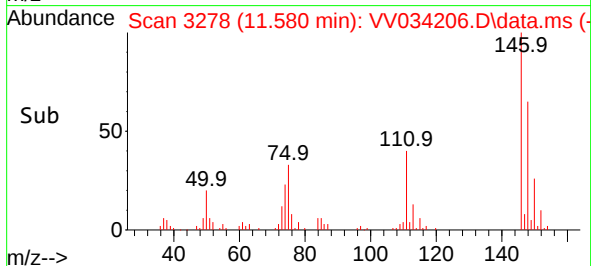
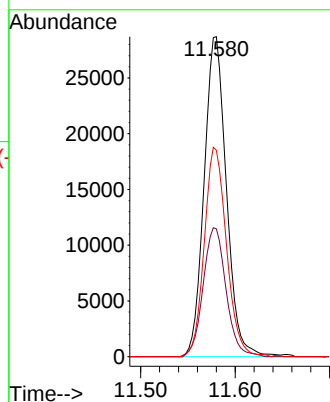
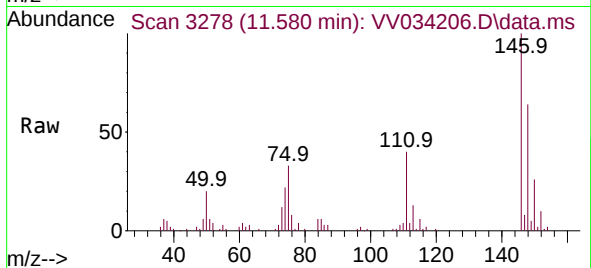
Tgt Ion:146 Resp: 47059

Ion Ratio Lower Upper

146 100

111 40.0 31.2 46.8

148 64.5 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.489 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.003 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

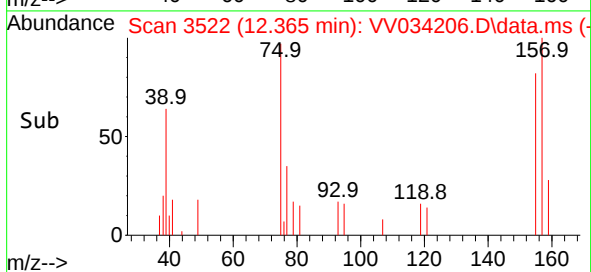
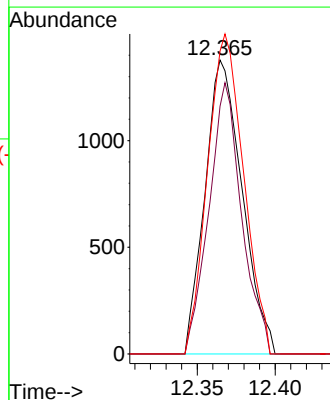
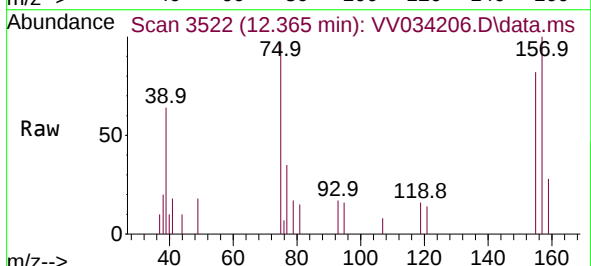
Tgt Ion: 75 Resp: 2281

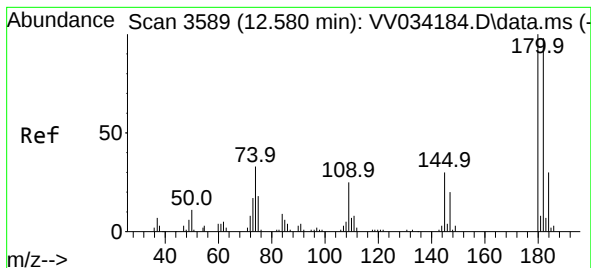
Ion Ratio Lower Upper

75 100

155 84.3 68.9 103.3

157 103.0 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 4.763 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

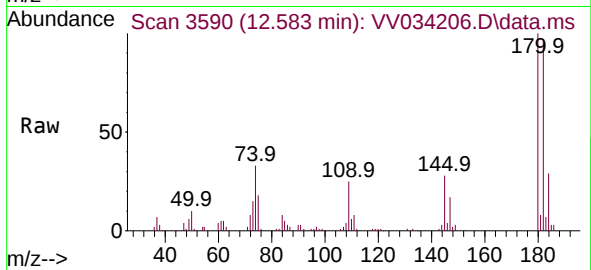
Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 41941

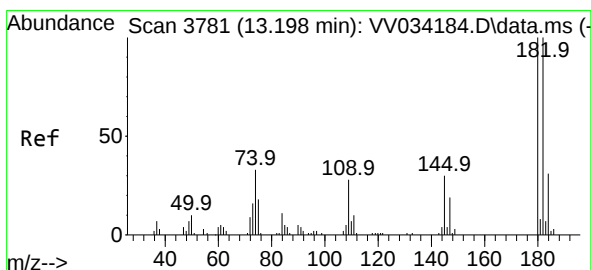
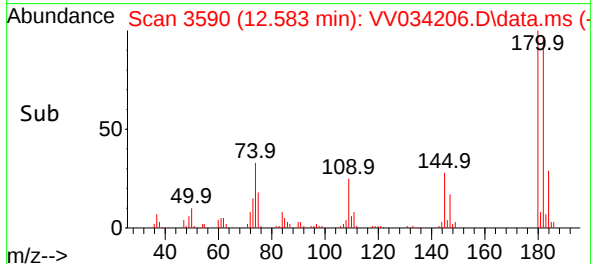
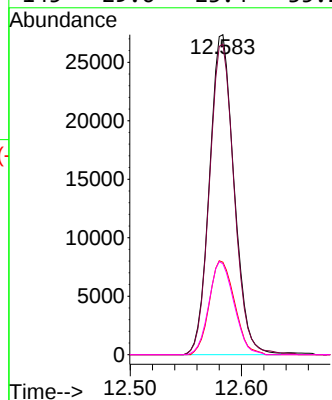
Ion Ratio Lower Upper

180 100

182 97.5 77.0 115.4

184 30.0 23.8 35.6

145 29.6 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 4.889 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

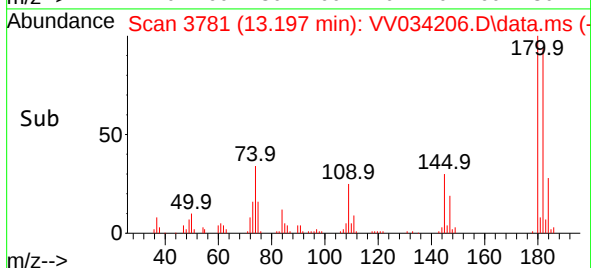
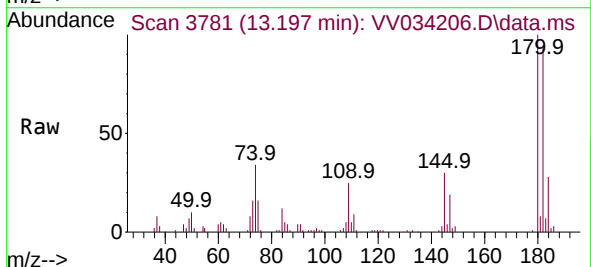
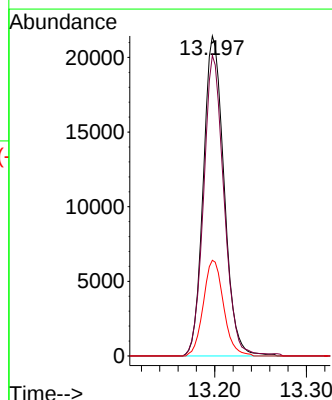
Tgt Ion:180 Resp: 33603

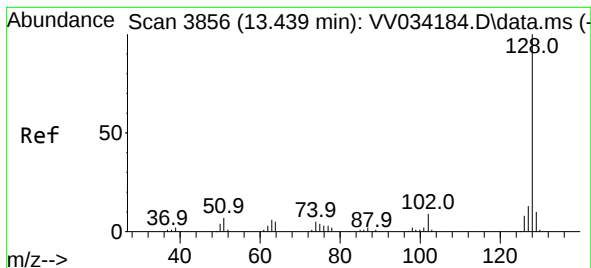
Ion Ratio Lower Upper

180 100

182 92.3 76.8 115.2

145 29.2 24.8 37.2





#71

Naphthalene

Concen: 4.832 ug/L

RT: 13.442 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

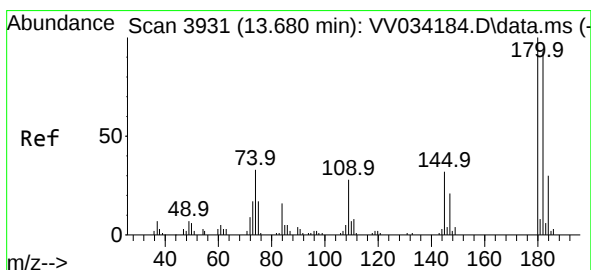
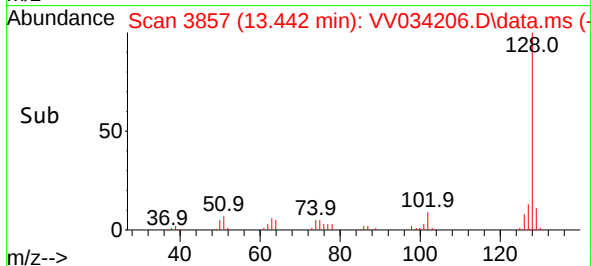
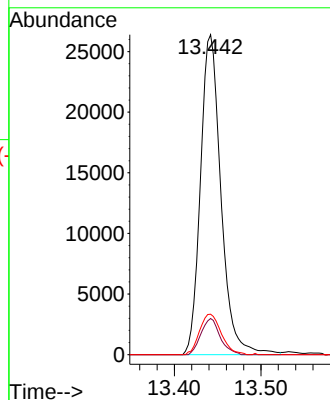
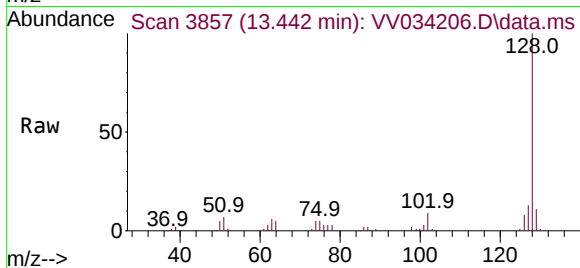
Tgt Ion:128 Resp: 43519

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 13.4 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.849 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034206.D

Acq: 16 Feb 2024 10:14

Tgt Ion:180 Resp: 26707

Ion Ratio Lower Upper

180 100

182 96.8 75.0 112.6

145 31.6 25.2 37.8

