

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021524\
 Data File : VW034204.D
 Acq On : 15 Feb 2024 22:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 16 00:46:54 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	5.538	114	71266	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	66042	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33121	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19803	3.588	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.532	69	19243	3.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.059	65	10325	3.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.821	46	48860	52.710	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.420%
24) Chloroform-d	4.249	84	48507	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.947	65	23349	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.963	84	83465	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.992	67	23675	4.274	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.243	98	76443	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.558	79	9464	4.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.027	63	37806	50.638	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.280%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	16193	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	27320	4.535	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	28282	4.331	ug/L	97
3) Chloromethane	1.214	50	32024	4.495	ug/L	98
5) Vinyl chloride	1.285	62	32627	4.793	ug/L	89
6) Bromomethane	1.490	94	18239	5.088	ug/L	99
8) Chloroethane	1.551	64	20165	4.342	ug/L	95
9) Trichlorofluoromethane	1.715	101	52932	5.396	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	25331	4.940	ug/L	97
12) 1,1-Dichloroethene	2.069	96	25816	5.185	ug/L	92
13) Acetone	2.150	43	32296	45.925	ug/L #	44
14) Carbon disulfide	2.240	76	68263	4.238	ug/L	99
15) Methyl Acetate	2.391	43	7395	4.443	ug/L	98
16) Methylene chloride	2.449	84	23967	5.017	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	55055	5.382	ug/L	96
18) trans-1,2-Dichloroethene	2.693	96	24190	4.770	ug/L	99
19) 1,1-Dichloroethane	3.114	63	45685	4.903	ug/L	98
21) 2-Butanone	3.905	43	41286	44.426	ug/L #	54
22) cis-1,2-Dichloroethene	3.818	96	26065	4.531	ug/L	94
23) Bromochloromethane	4.149	128	10872	5.436	ug/L	86
25) Chloroform	4.278	83	48504	5.150	ug/L	96

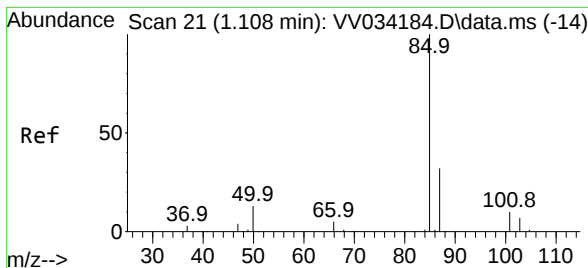
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021524\
 Data File : VW034204.D
 Acq On : 15 Feb 2024 22:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 16 00:46:54 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)
27) 1,2-Dichloroethane	5.047	62	29635	5.495	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	46786	5.277	ug/L	99
30) Cyclohexane	4.583	56	35208	4.083	ug/L	94
31) Carbon tetrachloride	4.738	117	42171	5.436	ug/L	99
33) Benzene	5.011	78	94413	4.766	ug/L	100
34) Trichloroethene	5.834	95	27069	4.722	ug/L	93
35) Methylcyclohexane	6.050	83	37393	4.155	ug/L	96
37) 1,2-Dichloropropane	6.095	63	21945	4.574	ug/L	99
38) Bromodichloromethane	6.432	83	31910	5.066	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	35334	4.840	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	114296	49.745	ug/L	99
42) Toluene	7.317	91	103991	4.912	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	28907	5.157	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	15327	5.173	ug/L	95
47) Tetrachloroethene	7.905	164	21079	4.525	ug/L	97
48) 2-Hexanone	8.079	43	79525	49.102	ug/L	99
49) Dibromochloromethane	8.175	129	18446	5.239	ug/L	94
50) 1,2-Dibromoethane	8.284	107	13883	5.221	ug/L #	96
51) Chlorobenzene	8.815	112	67425	5.037	ug/L	98
52) Ethylbenzene	8.947	91	120287	4.936	ug/L	100
53) m,p-Xylene	9.072	106	44766	4.861	ug/L	100
54) o-Xylene	9.477	106	44124	4.969	ug/L	98
55) Styrene	9.496	104	72639	5.109	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	15717	5.026	ug/L	99
59) Bromoform	9.667	173	9562	5.241	ug/L	99
60) Isopropylbenzene	9.866	105	123800	5.052	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	11853	5.206	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	102724	4.958	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	100879	5.011	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	54870	5.135	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	53062	5.015	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	47858	5.215	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2730	5.721	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	39828	4.816	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	32503	5.035	ug/L	96
71) Naphthalene	13.438	128	45187	5.342	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	26574	5.137	ug/L	97

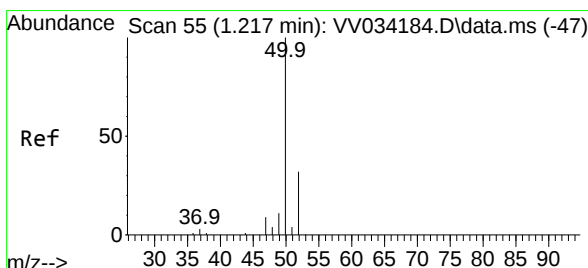
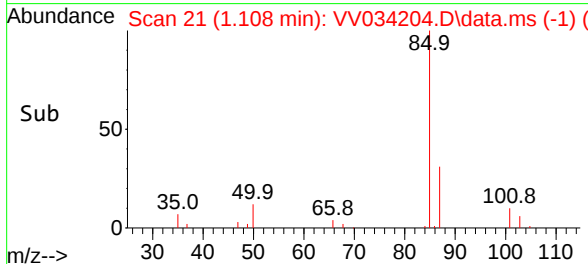
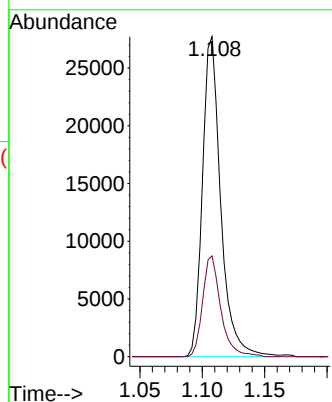
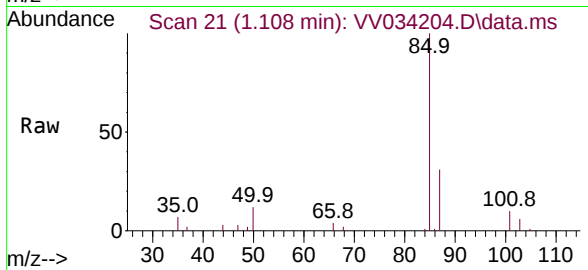
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.331 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034204.D
 Acq: 15 Feb 2024 22:00

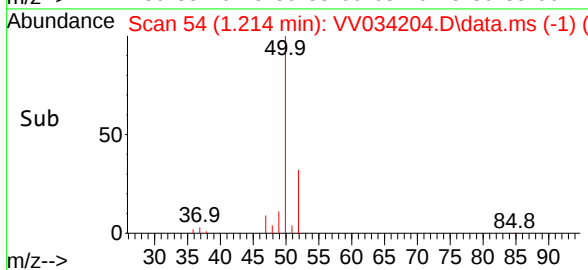
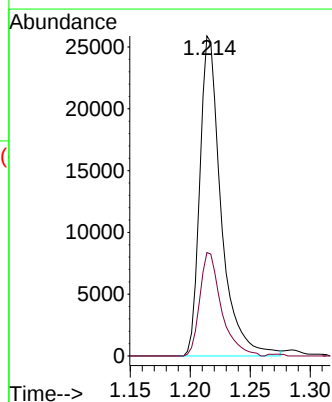
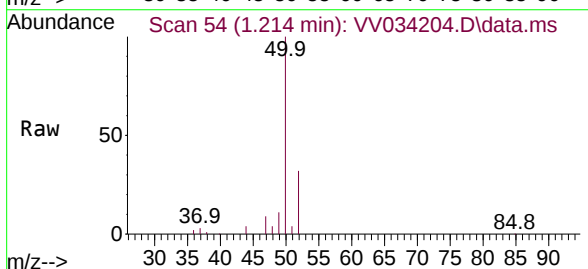
Instrument :
 MSVOA_V
 ClientSampleId :

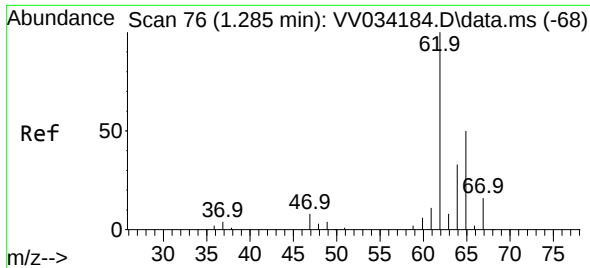
Tgt Ion: 85 Resp: 28282
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.2 39.4



#3
 Chloromethane
 Concen: 4.495 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV034204.D
 Acq: 15 Feb 2024 22:00

Tgt Ion: 50 Resp: 32024
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.4



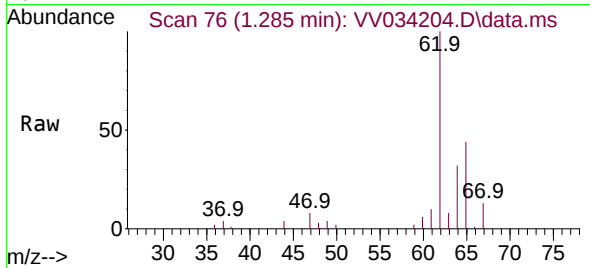


#5
 Vinyl chloride
 Concen: 4.793 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV034204.D
 Acq: 15 Feb 2024 22:00

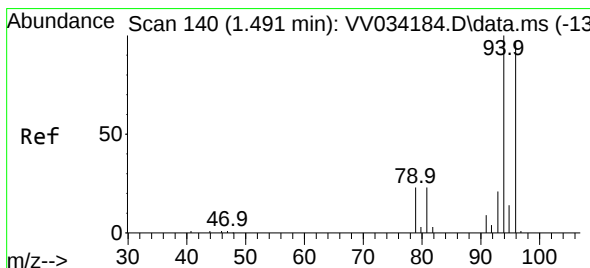
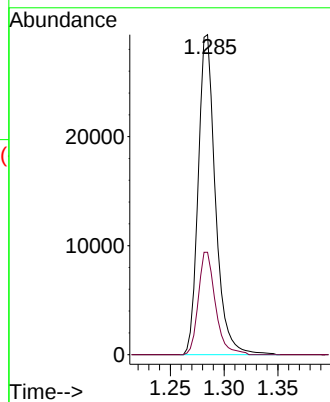
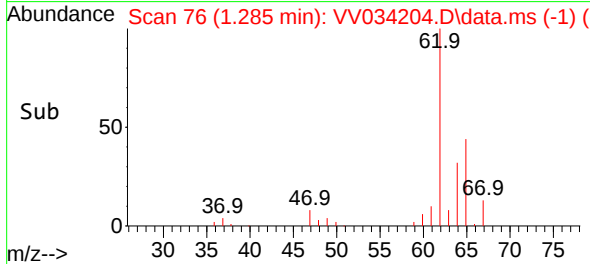
Instrument :

MSVOA_V

ClientSampleId :

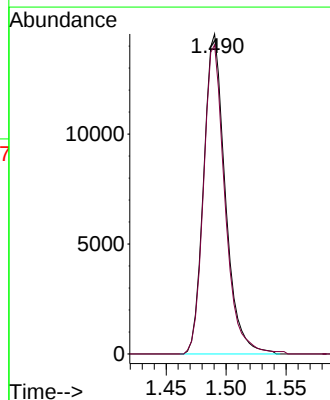
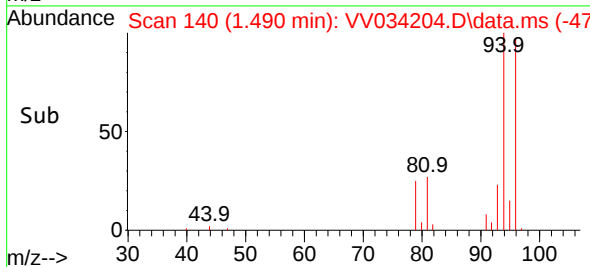
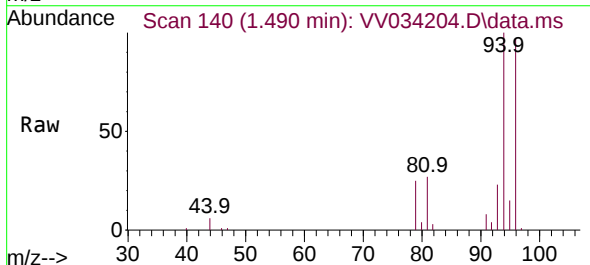


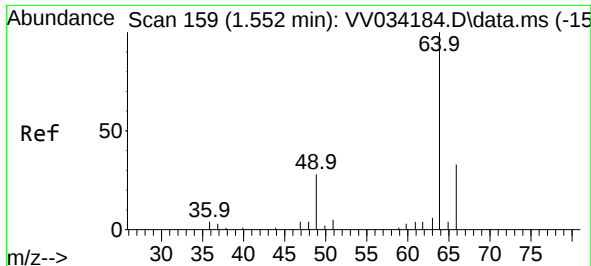
Tgt Ion: 62 Resp: 32627
 Ion Ratio Lower Upper
 62 100
 64 32.0 27.2 50.4



#6
 Bromomethane
 Concen: 5.088 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV034204.D
 Acq: 15 Feb 2024 22:00

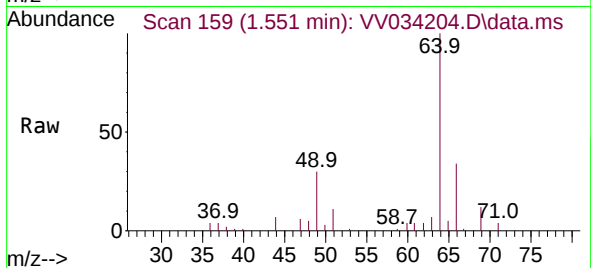
Tgt Ion: 94 Resp: 18239
 Ion Ratio Lower Upper
 94 100
 96 96.6 66.6 123.8



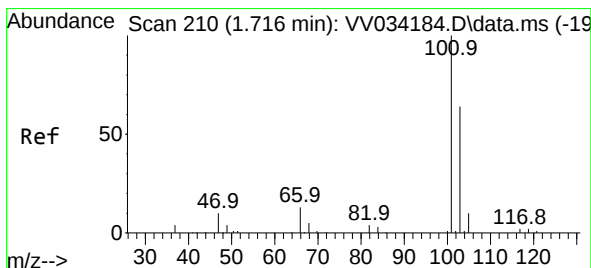
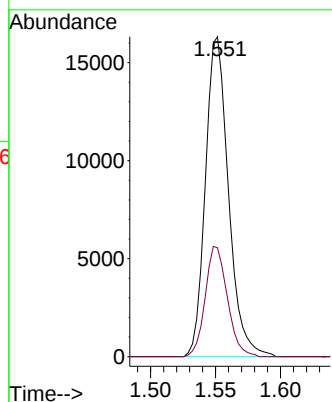
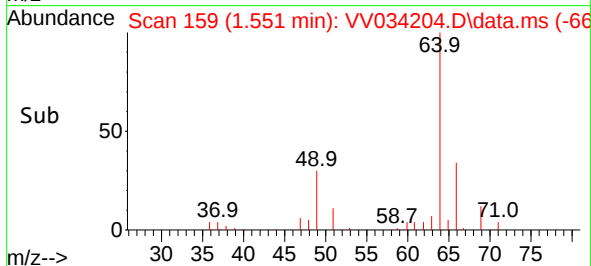


#8
Chloroethane
Concen: 4.342 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

Instrument :
MSVOA_V
ClientSampleId :

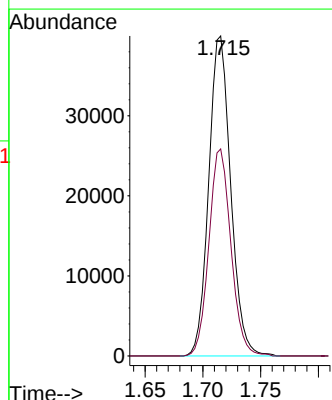
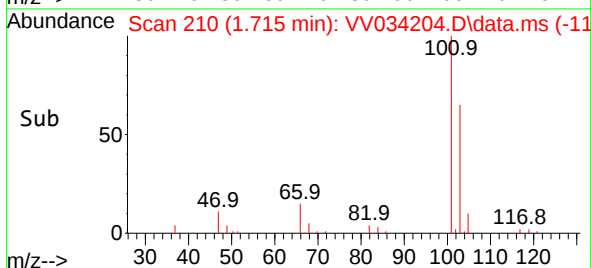
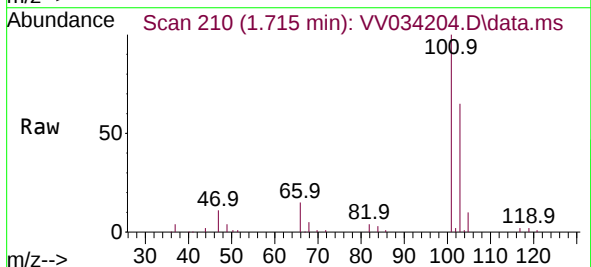


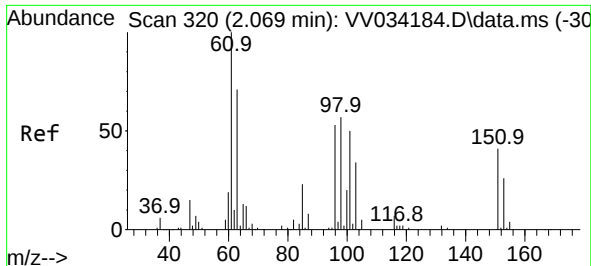
Tgt Ion: 64 Resp: 20165
Ion Ratio Lower Upper
64 100
66 34.1 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.396 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

Tgt Ion:101 Resp: 52932
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.4

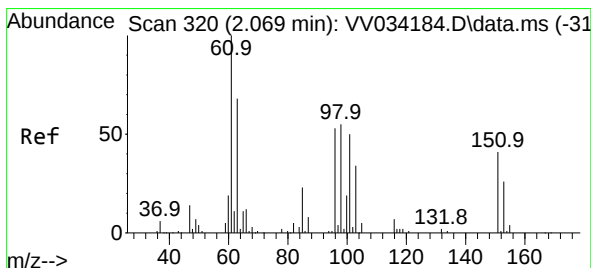
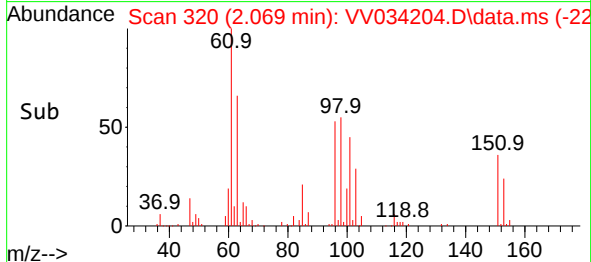
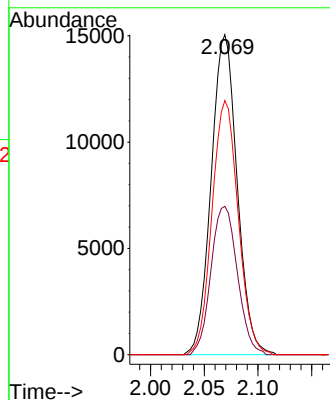
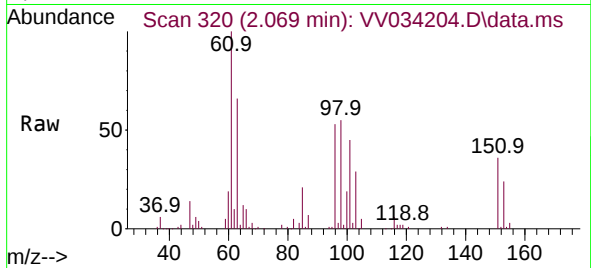




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.940 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034204.D
 Acq: 15 Feb 2024 22:00

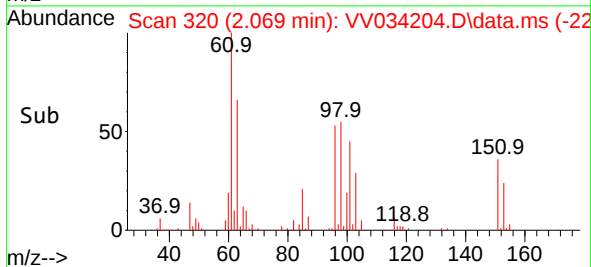
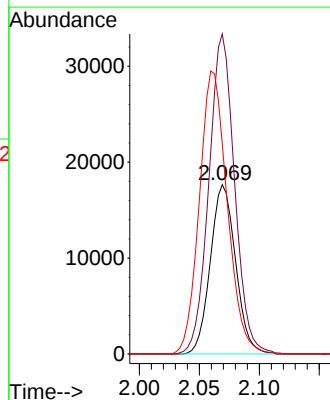
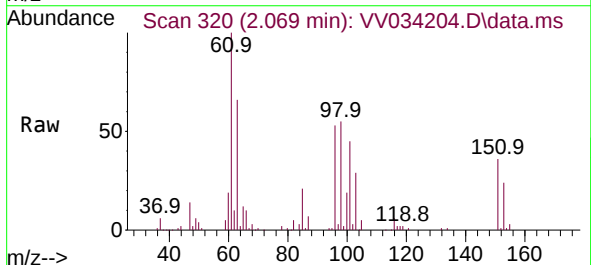
Instrument :
 MSVOA_V
 ClientSampleId :

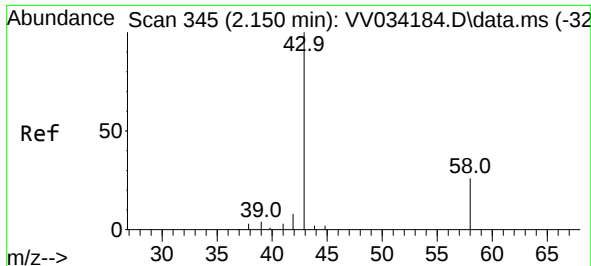
Tgt Ion:101 Resp: 25331
 Ion Ratio Lower Upper
 101 100
 85 47.1 37.1 55.7
 151 80.1 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.185 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034204.D
 Acq: 15 Feb 2024 22:00

Tgt Ion: 96 Resp: 25816
 Ion Ratio Lower Upper
 96 100
 61 189.1 128.8 239.2
 63 124.3 97.9 181.9





#13

Acetone

Concen: 45.925 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.000 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Instrument :

MSVOA_V

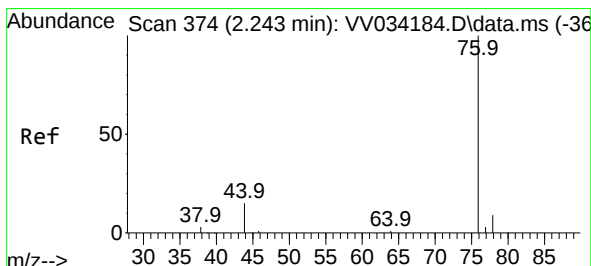
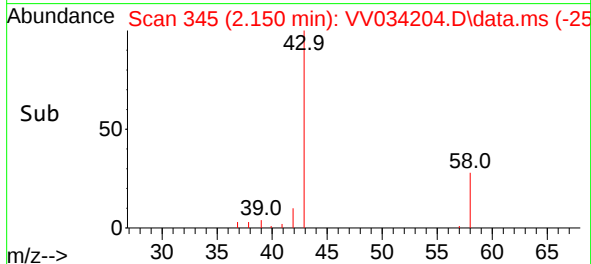
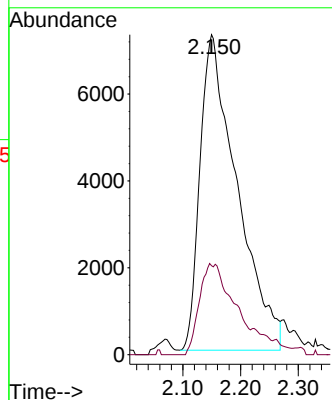
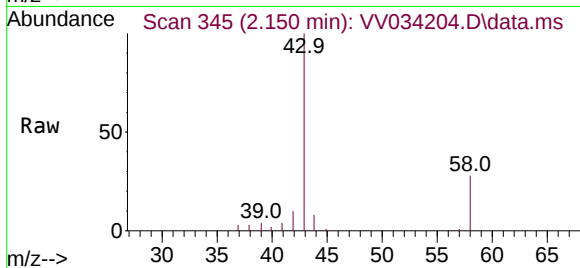
ClientSampleId :

Tgt Ion: 43 Resp: 32296

Ion Ratio Lower Upper

43 100

58 26.1 0.0 13.8#



#14

Carbon disulfide

Concen: 4.238 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV034204.D

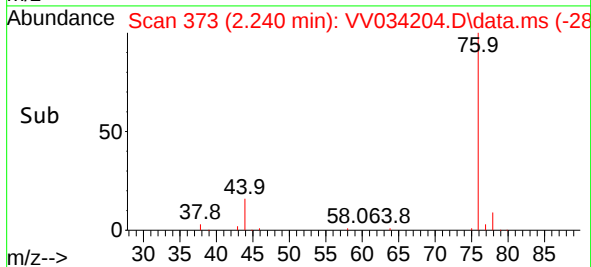
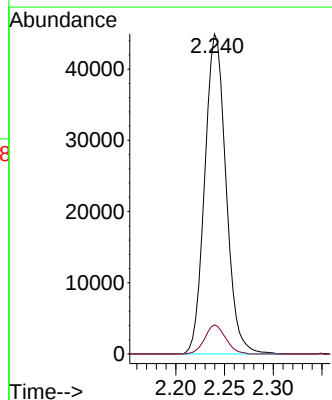
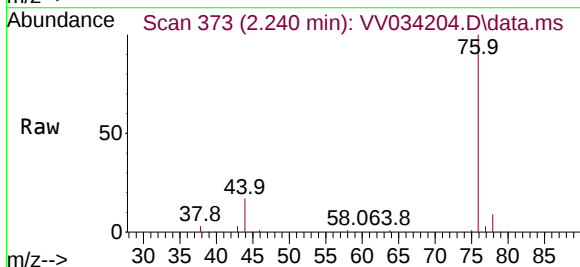
Acq: 15 Feb 2024 22:00

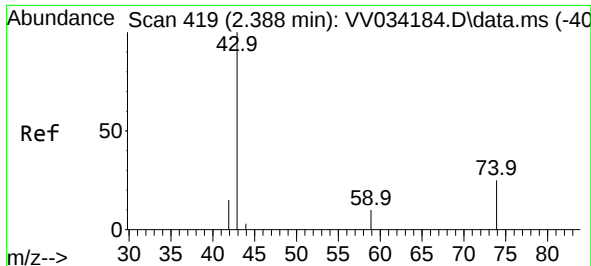
Tgt Ion: 76 Resp: 68263

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

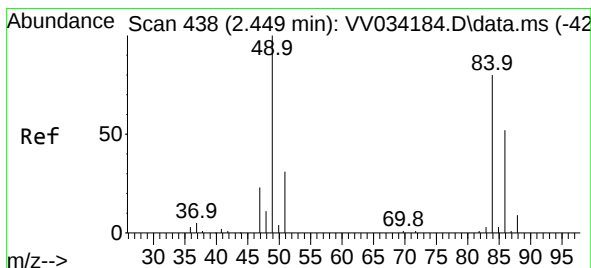
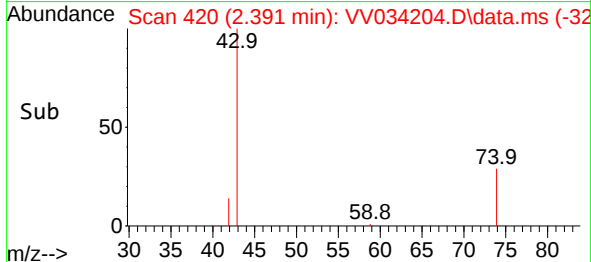
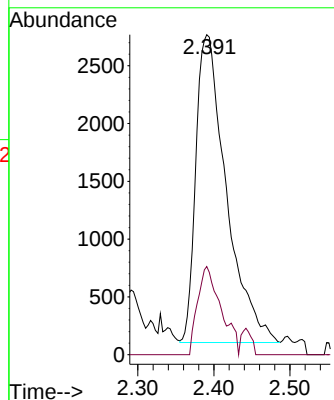
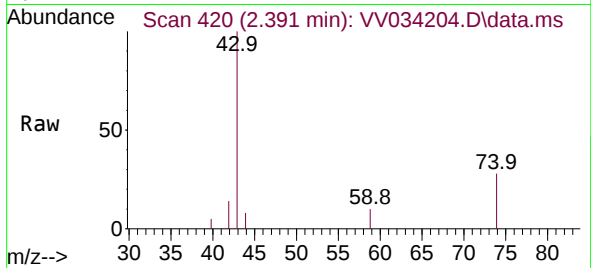




#15
Methyl Acetate
Concen: 4.443 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

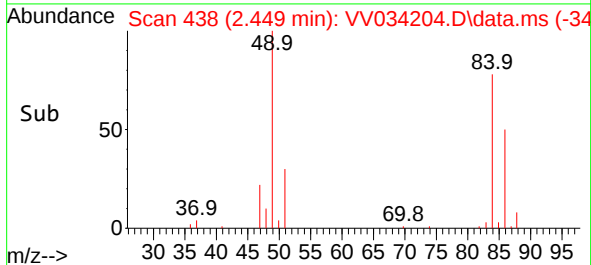
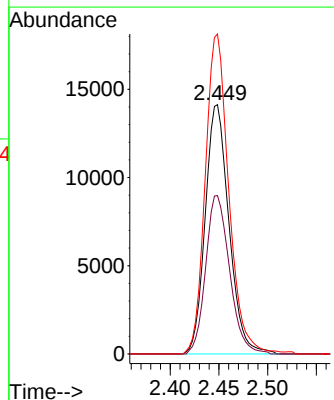
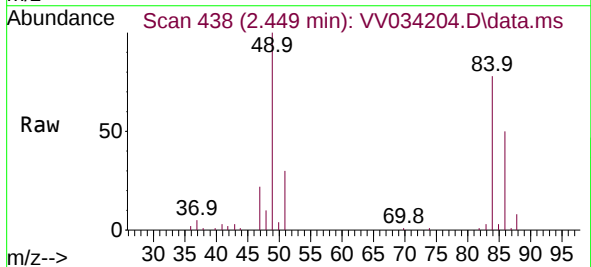
Instrument :
MSVOA_V
ClientSampleId :

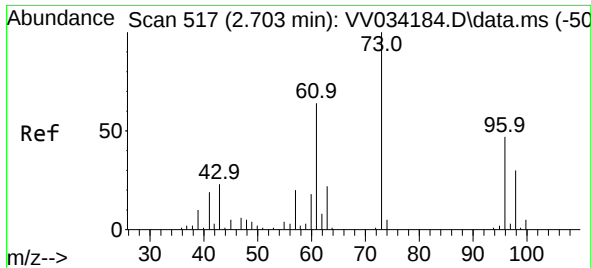
Tgt Ion: 43 Resp: 7395
Ion Ratio Lower Upper
43 100
74 21.9 18.2 27.4



#16
Methylene chloride
Concen: 5.017 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

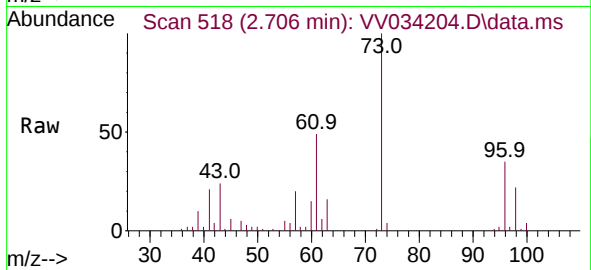
Tgt Ion: 84 Resp: 23967
Ion Ratio Lower Upper
84 100
86 63.6 44.7 83.1
49 128.4 93.7 173.9



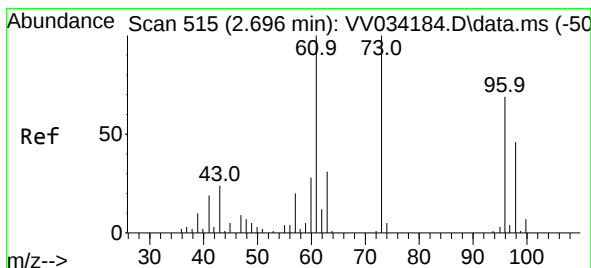
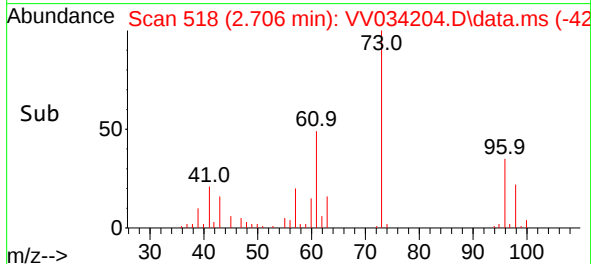
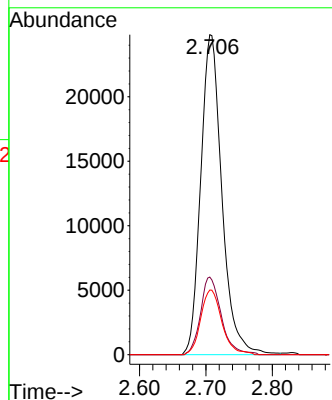


#17
Methyl tert-butyl Ether
Concen: 5.382 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

Instrument :
MSVOA_V
ClientSampleId :

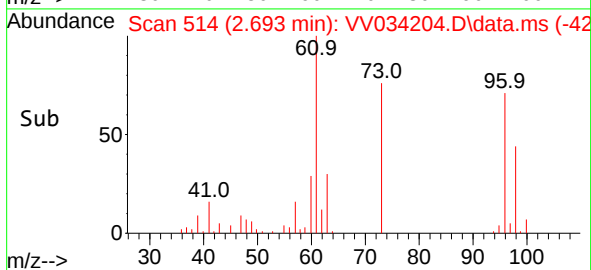
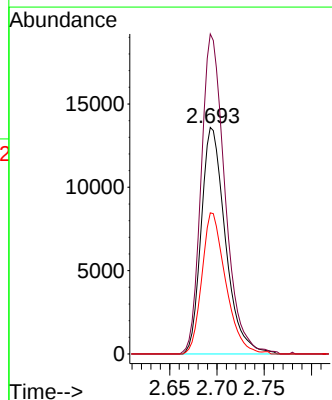
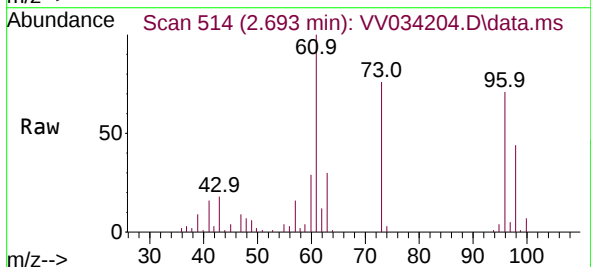


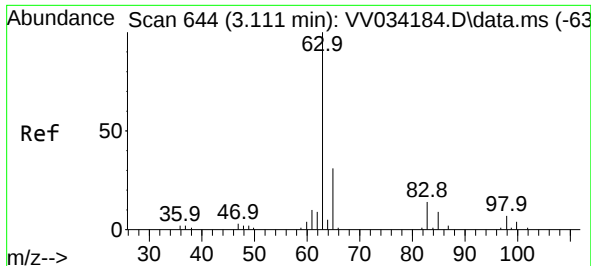
Tgt Ion: 73 Resp: 55055
Ion Ratio Lower Upper
73 100
43 23.7 17.7 26.5
57 20.2 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.770 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

Tgt Ion: 96 Resp: 24190
Ion Ratio Lower Upper
96 100
61 141.3 97.6 181.4
98 62.3 44.4 82.5

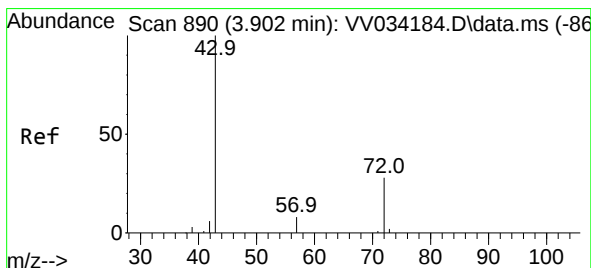
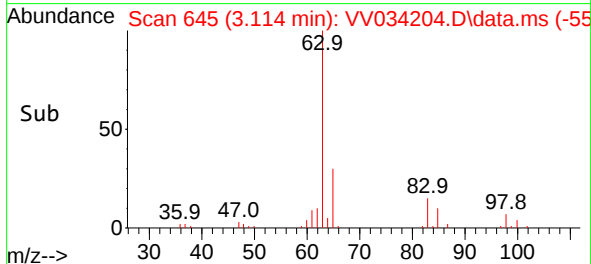
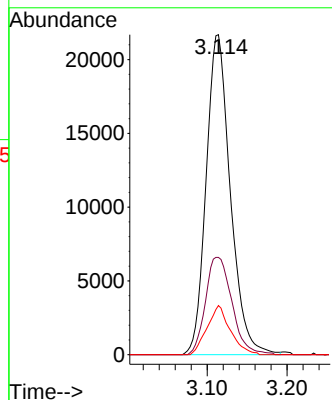
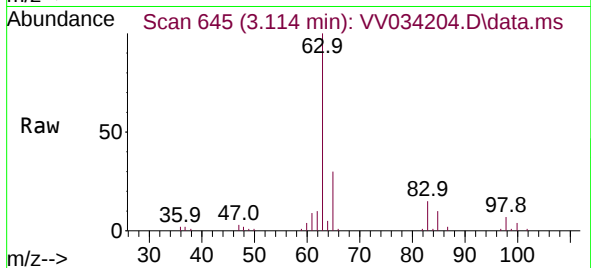




#19
1,1-Dichloroethane
Concen: 4.903 ug/L
RT: 3.114 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

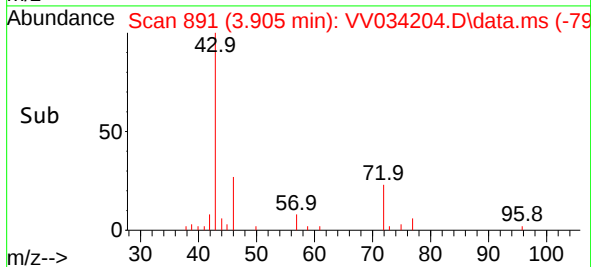
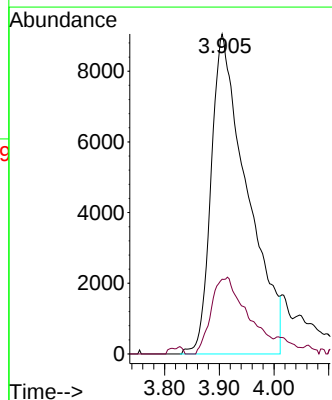
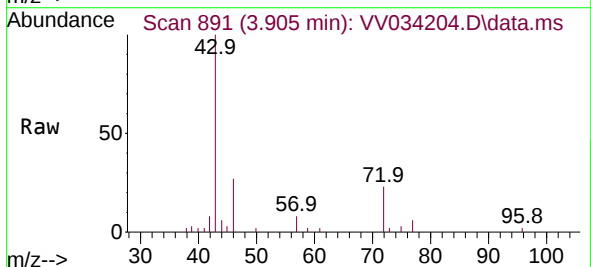
Instrument :
MSVOA_V
ClientSampleId :

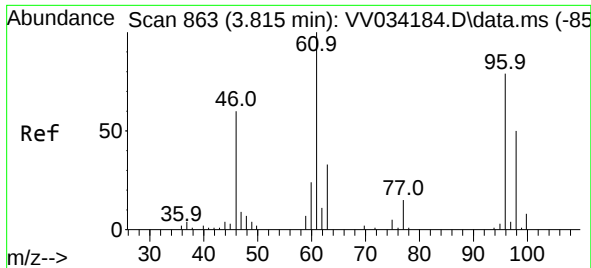
Tgt Ion: 63 Resp: 45685
Ion Ratio Lower Upper
63 100
65 30.4 20.8 38.6
83 15.3 9.4 17.4



#21
2-Butanone
Concen: 44.426 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

Tgt Ion: 43 Resp: 41286
Ion Ratio Lower Upper
43 100
72 24.0 4.0 11.9#

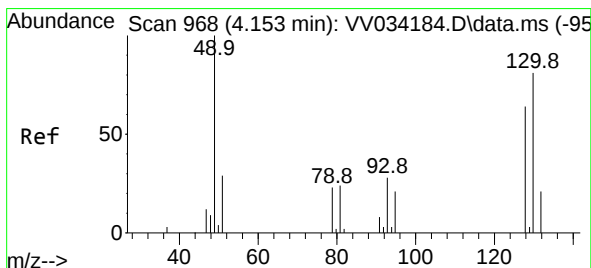
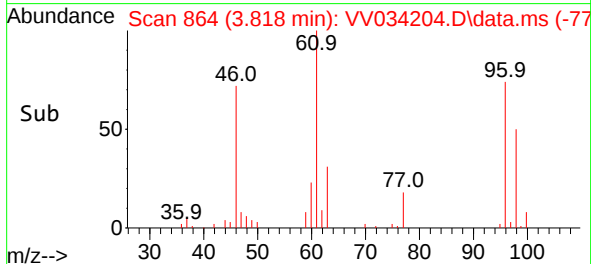
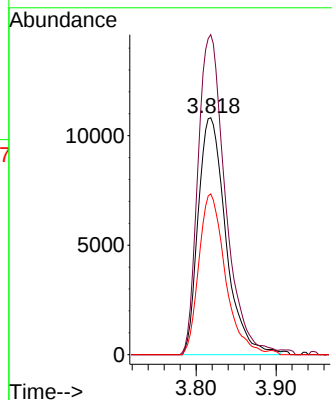
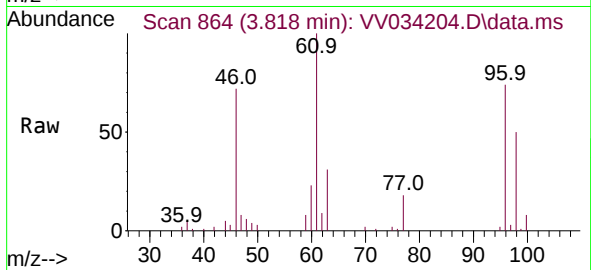




#22
 cis-1,2-Dichloroethene
 Concen: 4.531 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV034204.D
 Acq: 15 Feb 2024 22:00

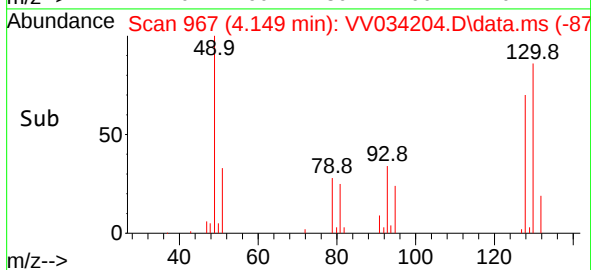
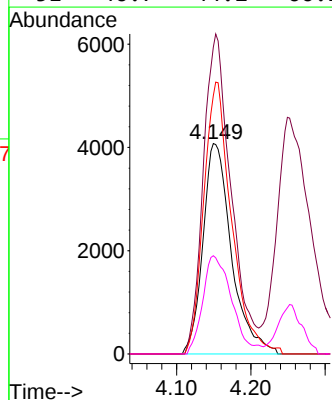
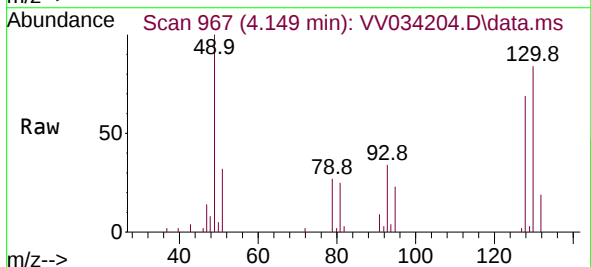
Instrument :
 MSVOA_V
 ClientSampleId :

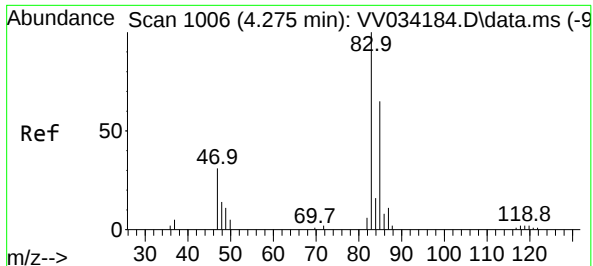
Tgt Ion: 96 Resp: 26065
 Ion Ratio Lower Upper
 96 100
 61 135.1 90.3 167.7
 98 67.9 43.2 80.2



#23
 Bromochloromethane
 Concen: 5.436 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.003 min
 Lab File: VV034204.D
 Acq: 15 Feb 2024 22:00

Tgt Ion: 128 Resp: 10872
 Ion Ratio Lower Upper
 128 100
 49 145.8 120.5 223.7
 130 122.7 93.4 173.4
 51 46.7 44.2 66.2





#25

Chloroform

Concen: 5.150 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Instrument :

MSVOA_V

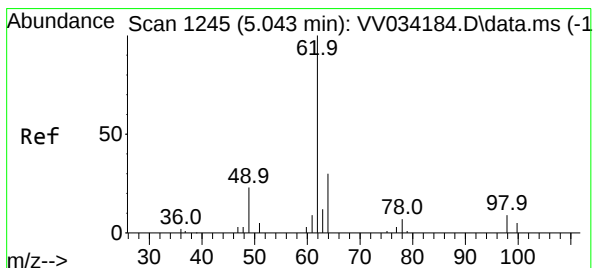
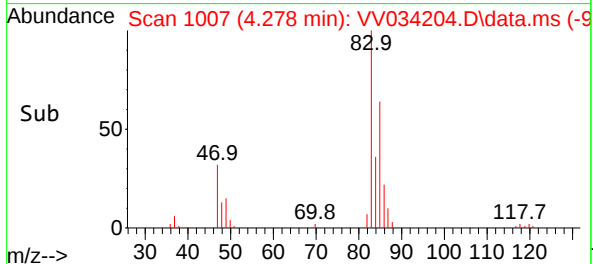
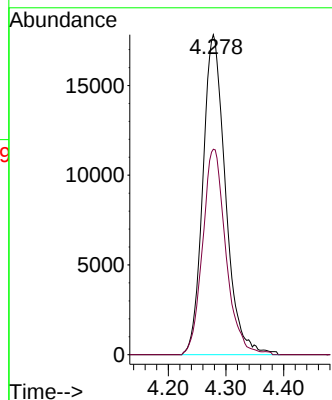
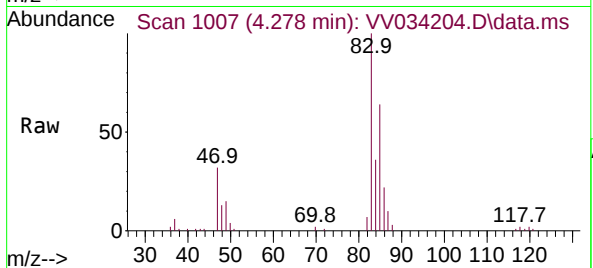
ClientSampleId :

Tgt Ion: 83 Resp: 48504

Ion Ratio Lower Upper

83 100

85 64.2 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.495 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV034204.D

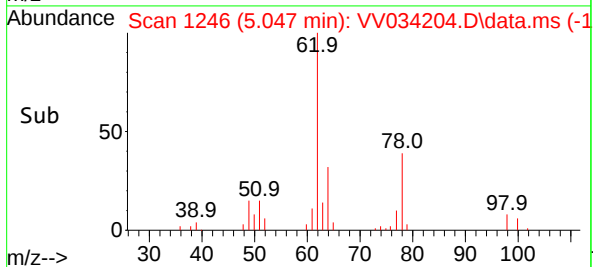
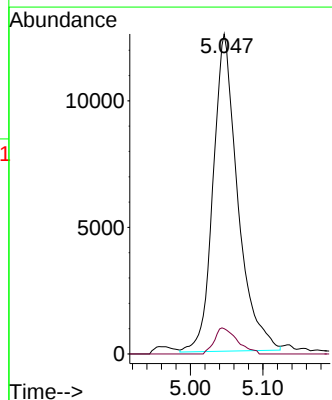
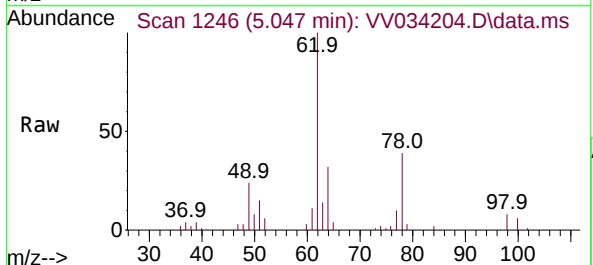
Acq: 15 Feb 2024 22:00

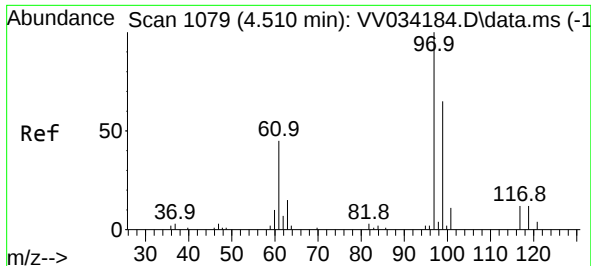
Tgt Ion: 62 Resp: 29635

Ion Ratio Lower Upper

62 100

98 7.9 6.9 10.3

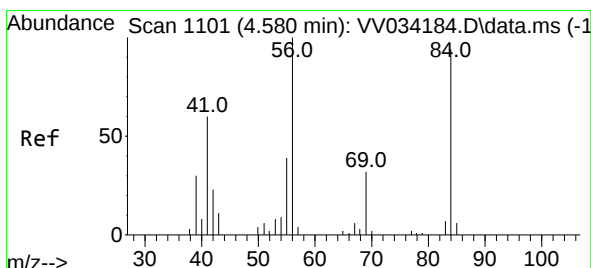
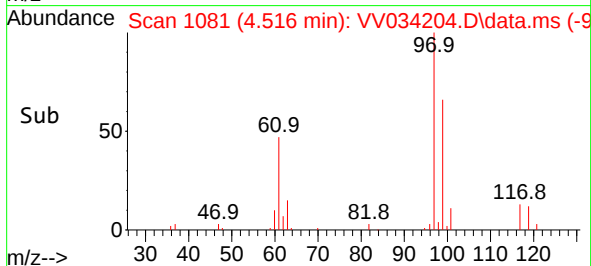
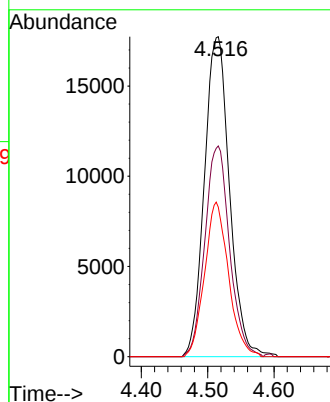
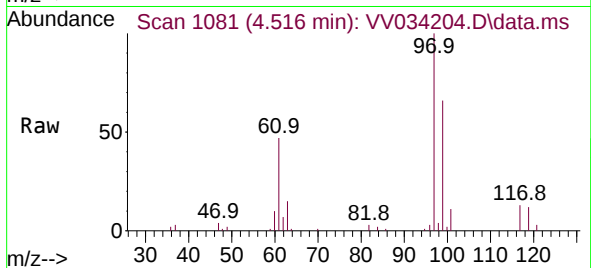




#29
1,1,1-Trichloroethane
Concen: 5.277 ug/L
RT: 4.516 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

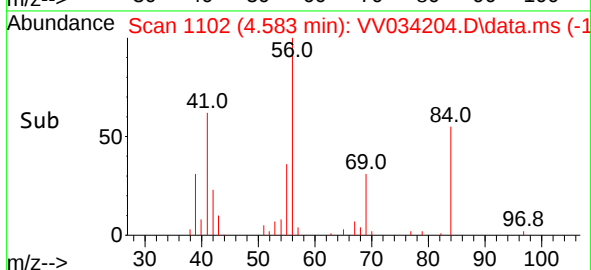
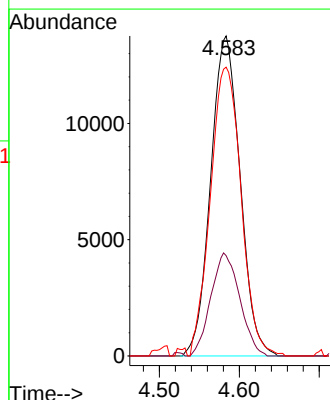
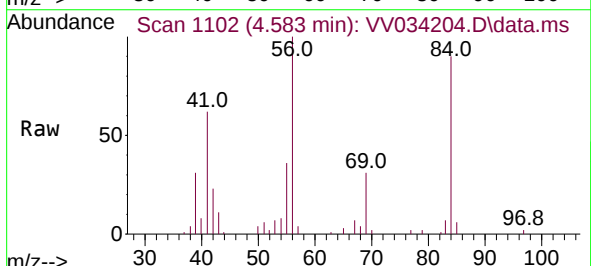
Instrument :
MSVOA_V
ClientSampleId :

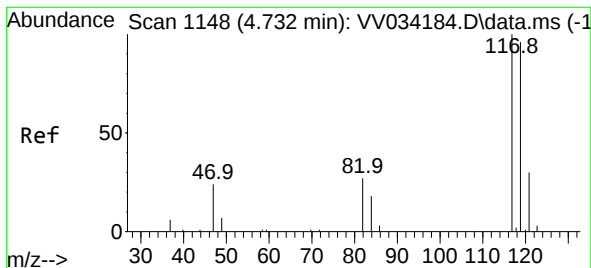
Tgt Ion: 97 Resp: 46786
Ion Ratio Lower Upper
97 100
99 64.8 50.6 75.8
61 46.0 36.8 55.2



#30
Cyclohexane
Concen: 4.083 ug/L
RT: 4.583 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

Tgt Ion: 56 Resp: 35208
Ion Ratio Lower Upper
56 100
69 31.6 24.2 36.2
84 94.3 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.436 ug/L

RT: 4.738 min Scan# 1148

Delta R.T. 0.006 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Instrument :

MSVOA_V

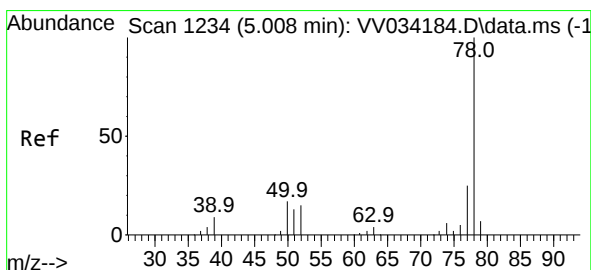
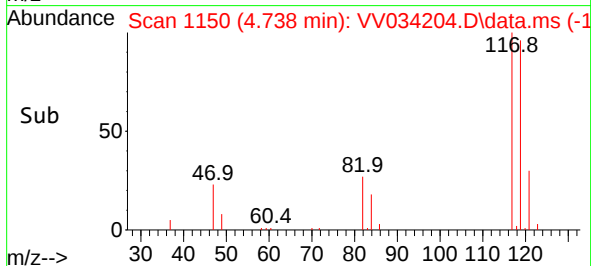
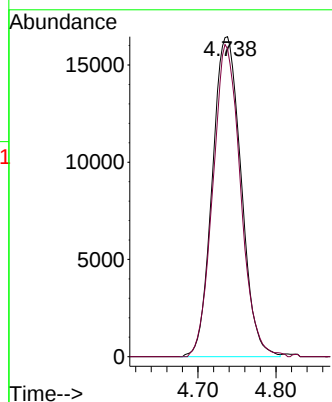
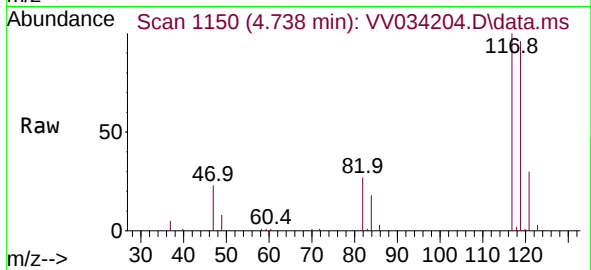
ClientSampleId :

Tgt Ion:117 Resp: 42171

Ion Ratio Lower Upper

117 100

119 94.1 76.1 114.1



#33

Benzene

Concen: 4.766 ug/L

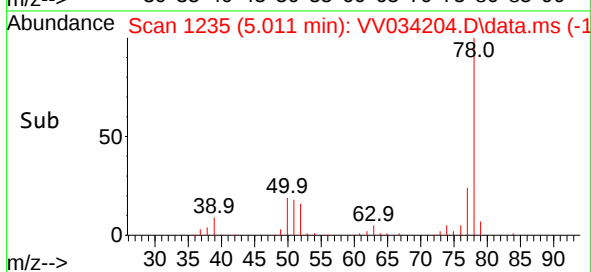
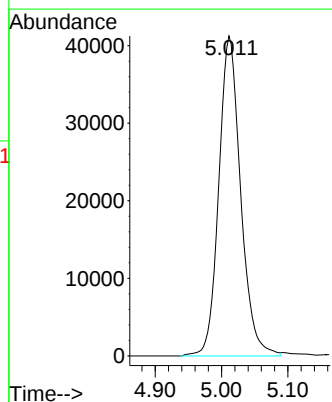
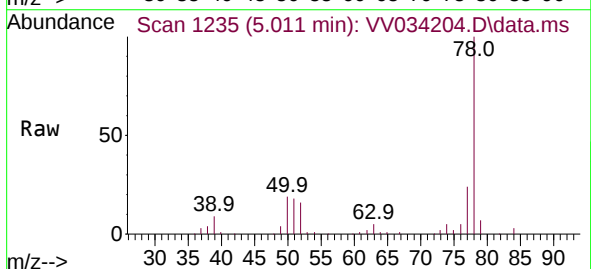
RT: 5.011 min Scan# 1235

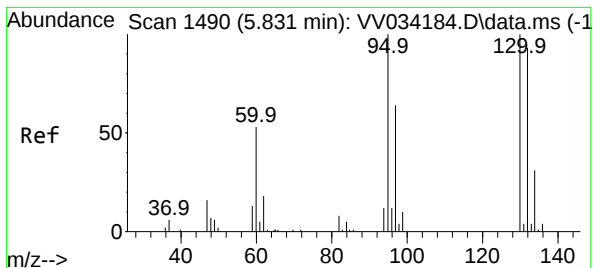
Delta R.T. 0.003 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Tgt Ion: 78 Resp: 94413





#34

Trichloroethene

Concen: 4.722 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 27069

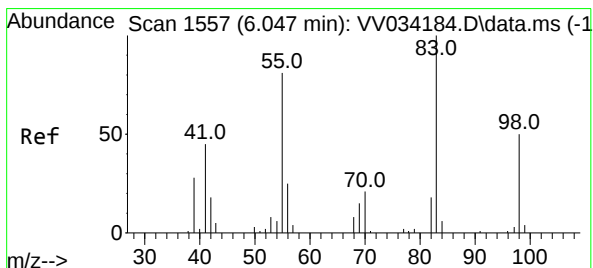
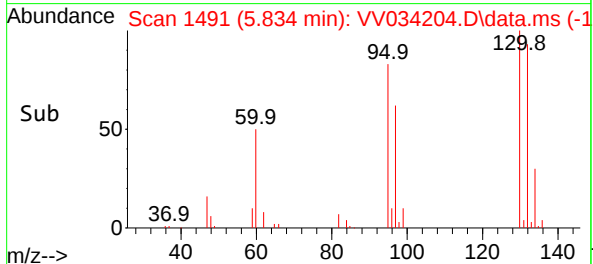
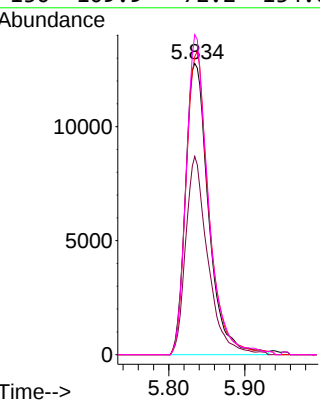
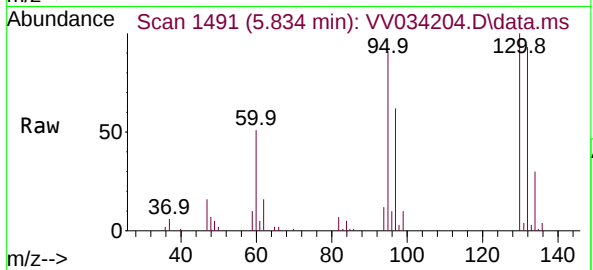
Ion Ratio Lower Upper

95 100

97 68.1 45.1 83.7

132 102.4 66.0 122.6

130 109.9 72.2 134.0



#35

Methylcyclohexane

Concen: 4.155 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

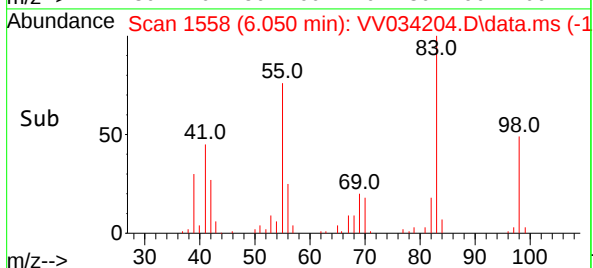
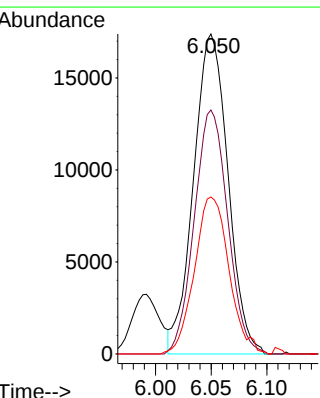
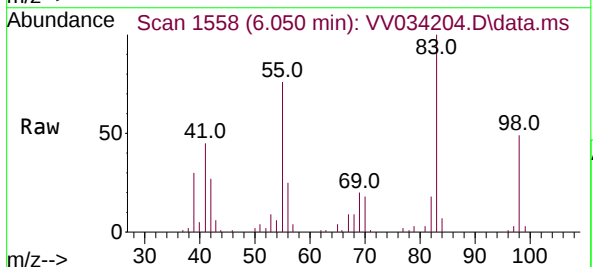
Tgt Ion: 83 Resp: 37393

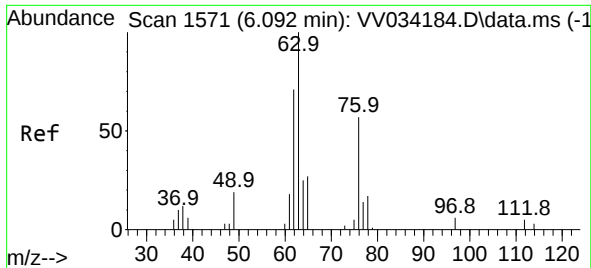
Ion Ratio Lower Upper

83 100

55 74.2 63.5 95.3

98 49.3 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.574 ug/L

RT: 6.095 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Instrument :

MSVOA_V

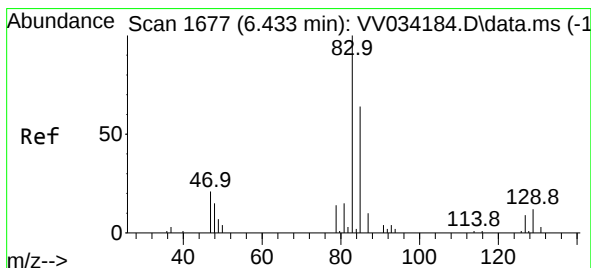
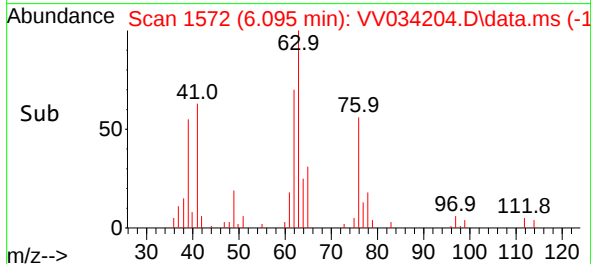
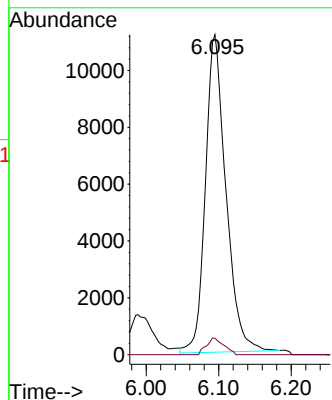
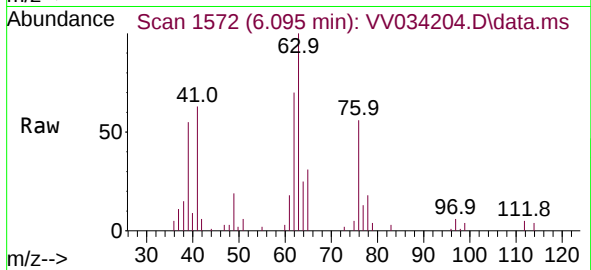
ClientSampleId :

Tgt Ion: 63 Resp: 21945

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.0



#38

Bromodichloromethane

Concen: 5.066 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

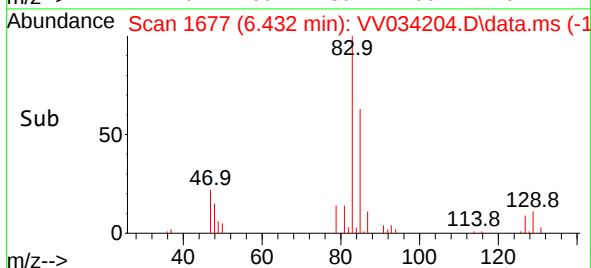
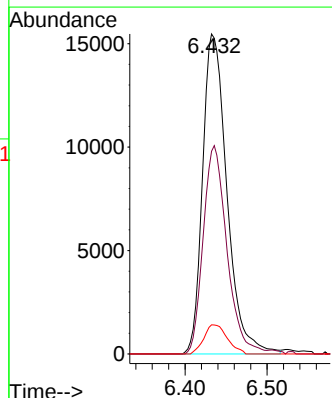
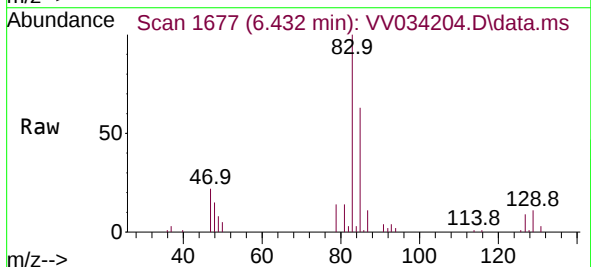
Tgt Ion: 83 Resp: 31910

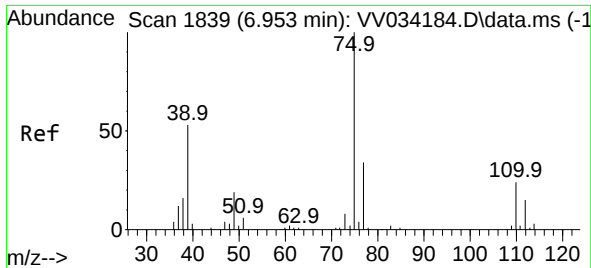
Ion Ratio Lower Upper

83 100

85 63.3 45.4 84.2

127 9.1 6.5 9.7

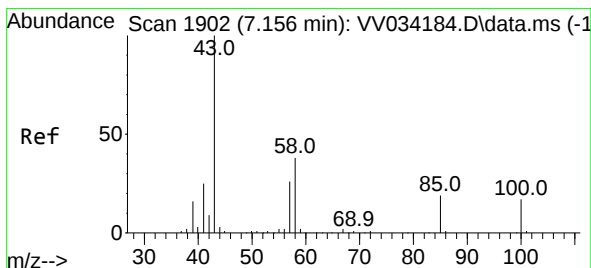
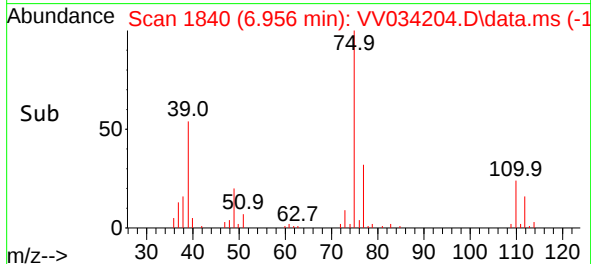
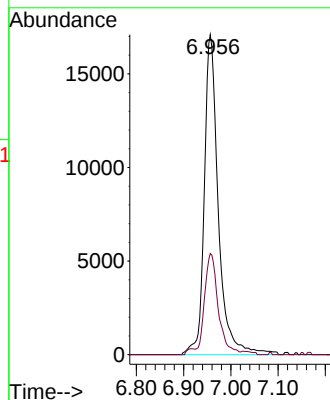
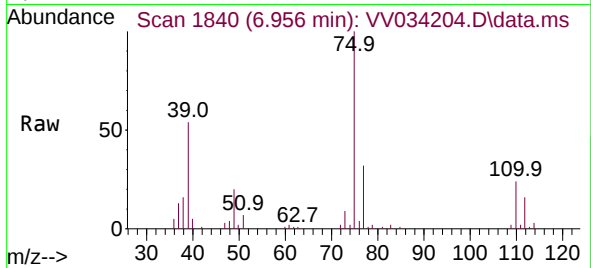




#39
 cis-1,3-Dichloropropene
 Concen: 4.840 ug/L
 RT: 6.956 min Scan# 1840
 Delta R.T. 0.003 min
 Lab File: VV034204.D
 Acq: 15 Feb 2024 22:00

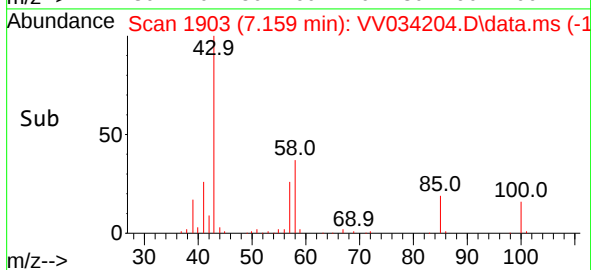
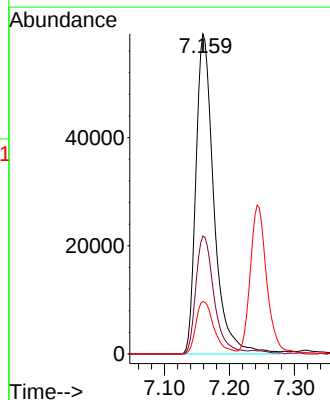
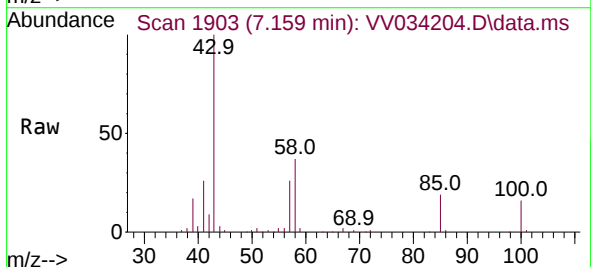
Instrument :
 MSVOA_V
 ClientSampleId :

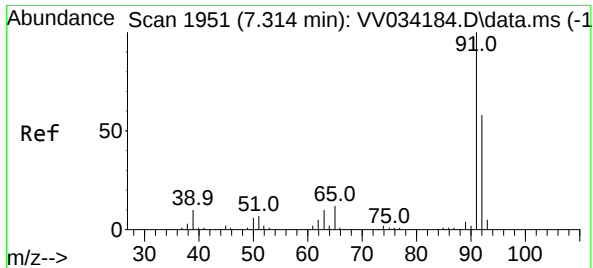
Tgt Ion: 75 Resp: 35334
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 49.745 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.003 min
 Lab File: VV034204.D
 Acq: 15 Feb 2024 22:00

Tgt Ion: 43 Resp: 114296
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.2 45.2
 100 16.5 12.1 18.1





#42

Toluene

Concen: 4.912 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Instrument :

MSVOA_V

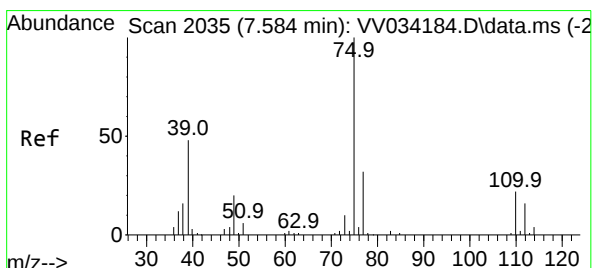
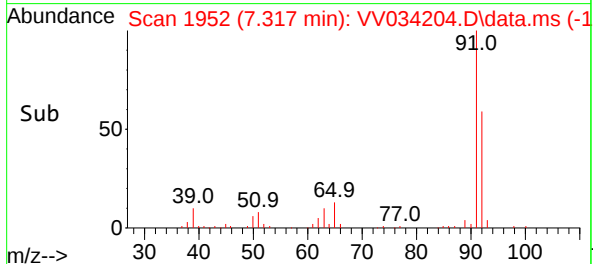
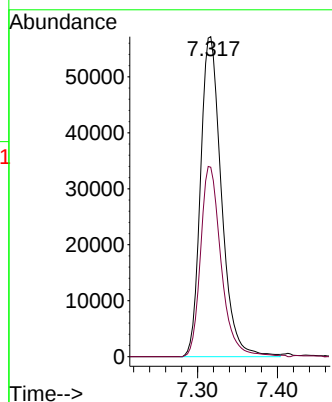
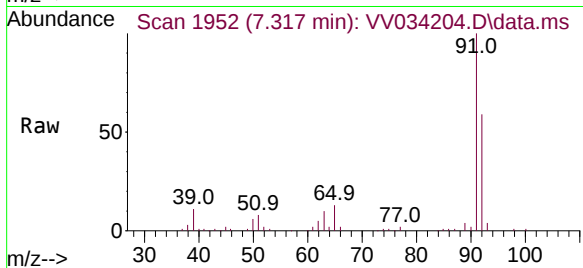
ClientSampleId :

Tgt Ion: 91 Resp: 103991

Ion Ratio Lower Upper

91 100

92 59.2 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.157 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034204.D

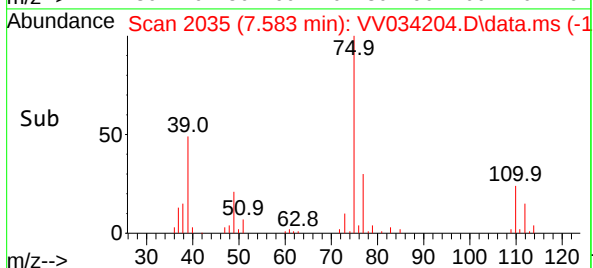
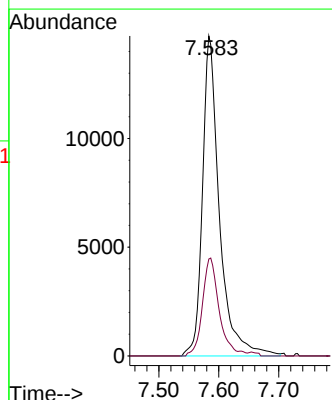
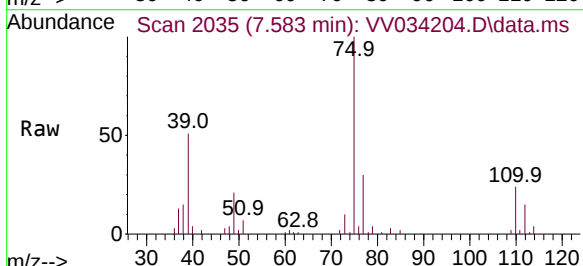
Acq: 15 Feb 2024 22:00

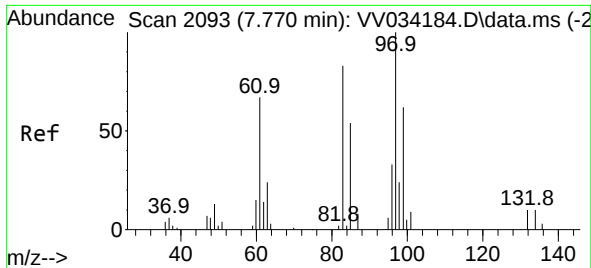
Tgt Ion: 75 Resp: 28907

Ion Ratio Lower Upper

75 100

77 30.3 22.2 41.2

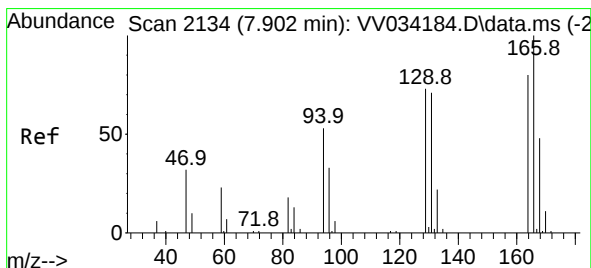
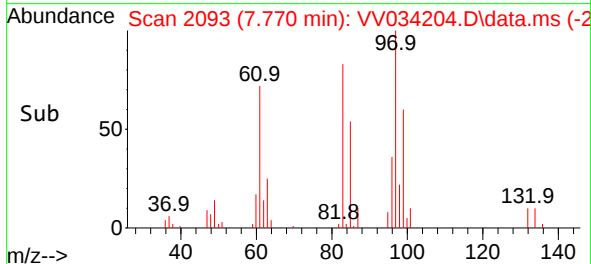
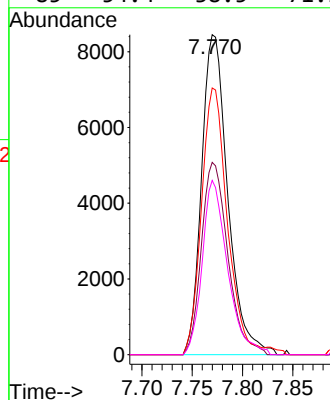
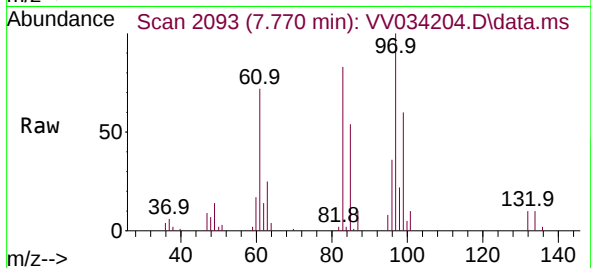




#45
1,1,2-Trichloroethane
Concen: 5.173 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

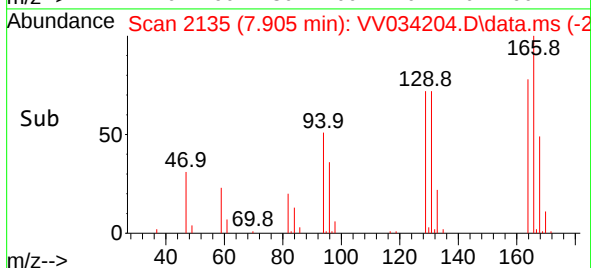
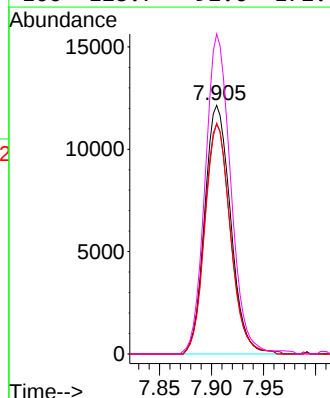
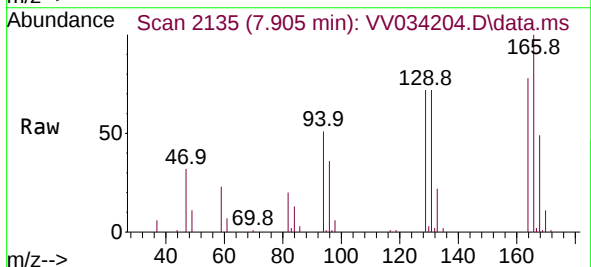
Instrument :
MSVOA_V
ClientSampleId :

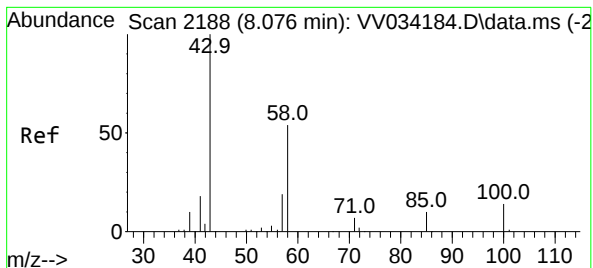
Tgt Ion: 97	Resp: 15327
Ion Ratio	Lower Upper
97 100	
99 60.1	45.6 84.6
83 83.3	62.3 115.7
85 54.4	38.5 71.5



#47
Tetrachloroethene
Concen: 4.525 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

Tgt	Ion:164	Resp:	21079
Ion	Ratio	Lower	Upper
164	100		
129	92.4	67.8	125.8
131	92.8	63.0	117.0
166	128.7	92.6	172.0





#48

2-Hexanone

Concen: 49.102 ug/L

RT: 8.079 min Scan# 2188

Delta R.T. 0.003 min

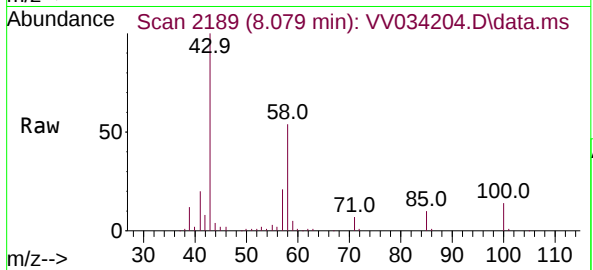
Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 79525

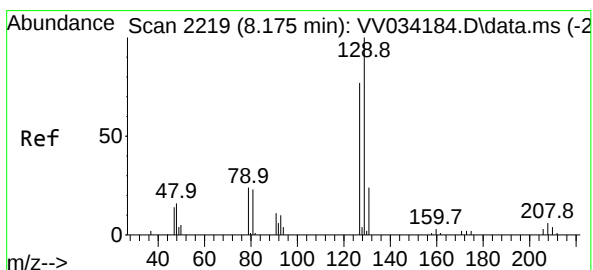
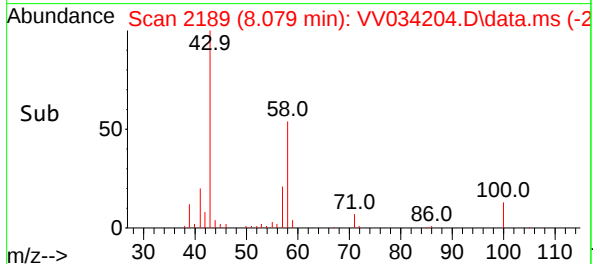
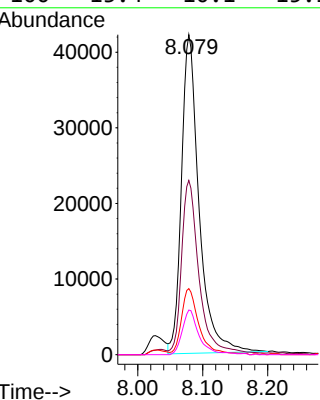
Ion Ratio Lower Upper

43 100

58 53.4 42.6 64.0

57 20.7 15.5 23.3

100 13.4 10.1 15.1



#49

Dibromochloromethane

Concen: 5.239 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV034204.D

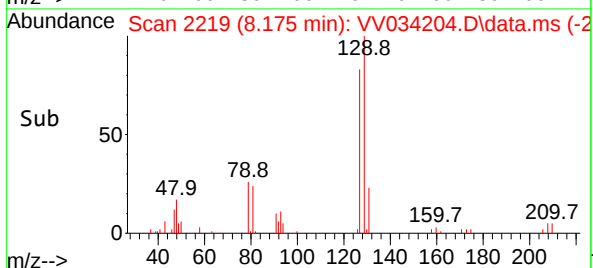
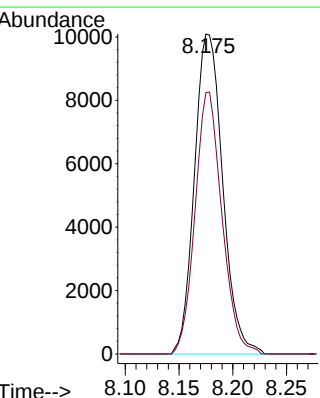
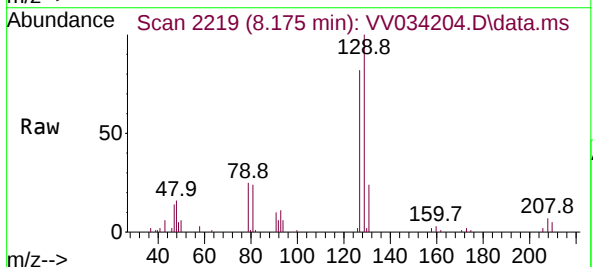
Acq: 15 Feb 2024 22:00

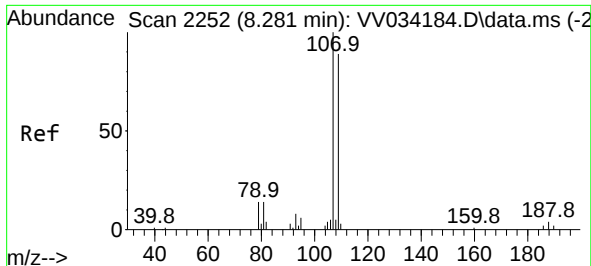
Tgt Ion:129 Resp: 18446

Ion Ratio Lower Upper

129 100

127 81.7 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.221 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Instrument :

MSVOA_V

ClientSampleId :

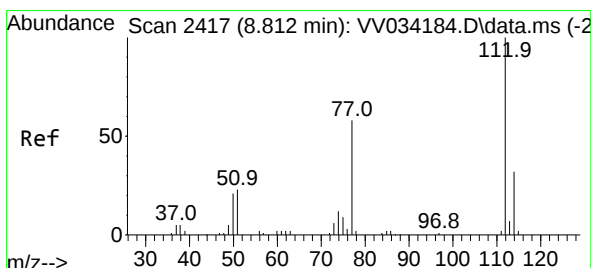
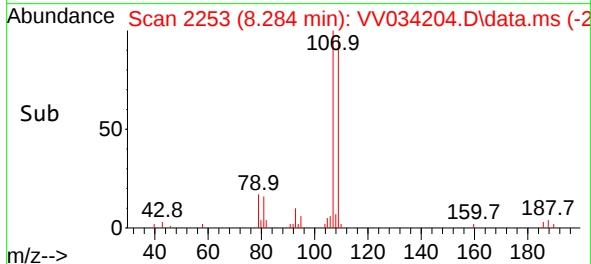
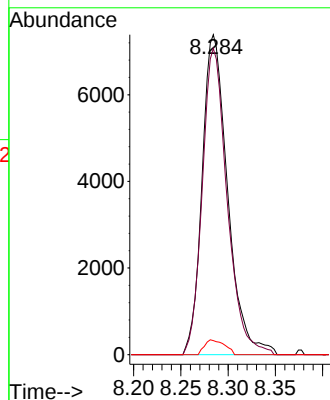
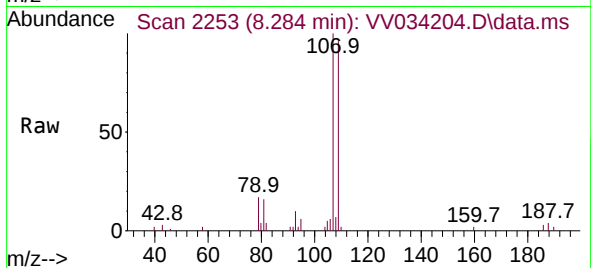
Tgt Ion:107 Resp: 13883

Ion Ratio Lower Upper

107 100

109 95.7 64.5 119.9

188 4.4 2.6 4.0#



#51

Chlorobenzene

Concen: 5.037 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

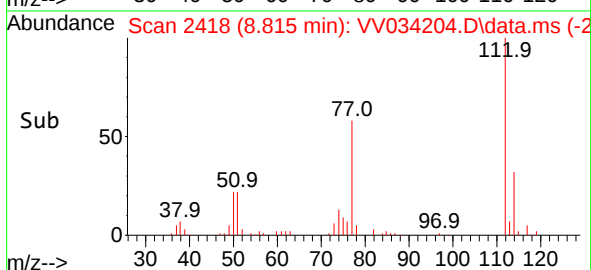
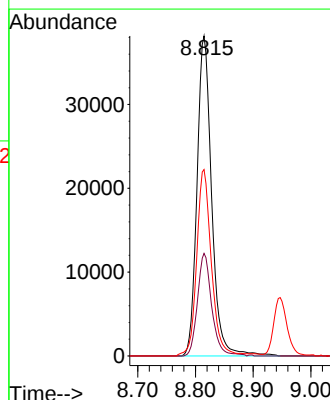
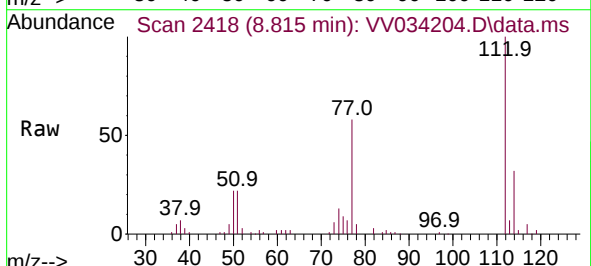
Tgt Ion:112 Resp: 67425

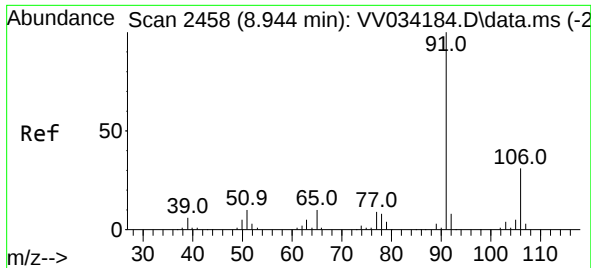
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.7

77 58.3 48.1 72.1

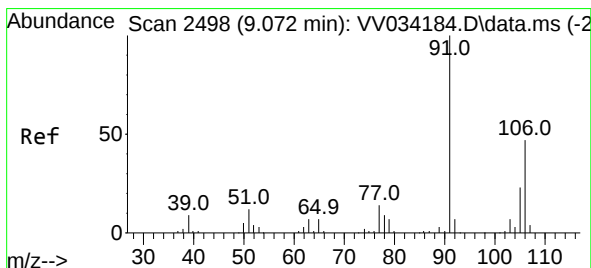
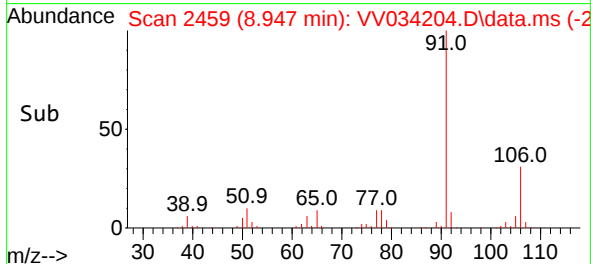
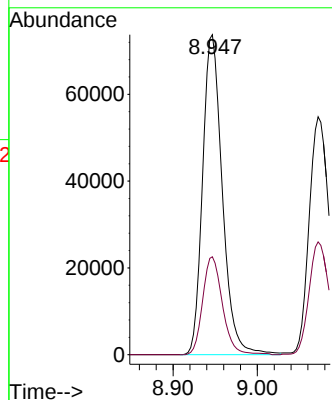
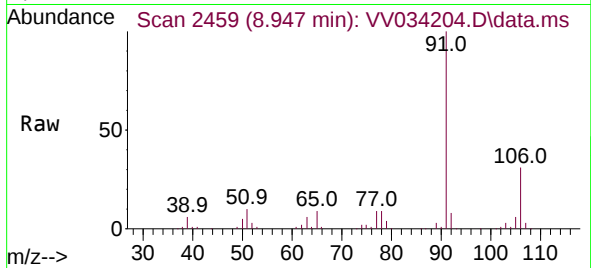




#52
Ethylbenzene
Concen: 4.936 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

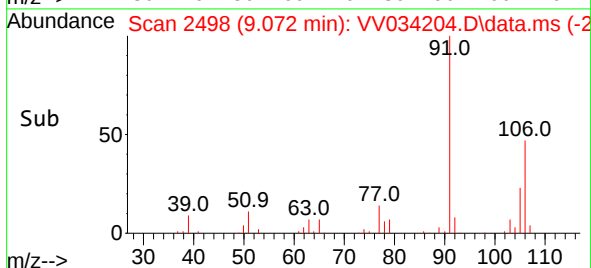
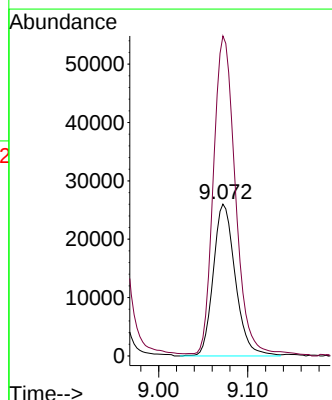
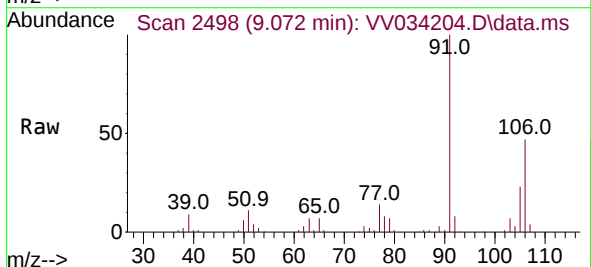
Instrument :
MSVOA_V
ClientSampleId :

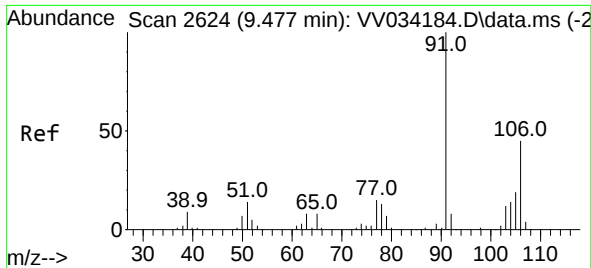
Tgt Ion: 91 Resp: 120287
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 4.861 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

Tgt Ion:106 Resp: 44766
Ion Ratio Lower Upper
106 100
91 210.8 147.5 273.9

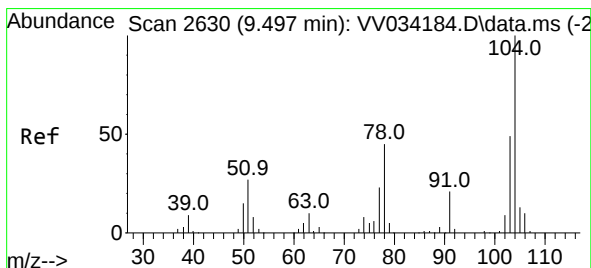
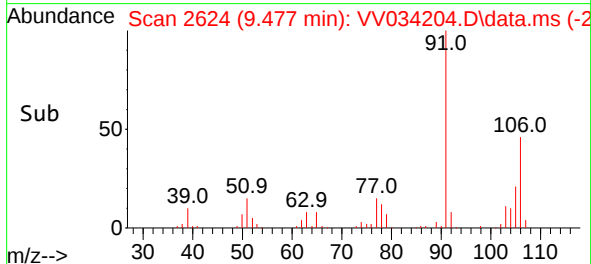
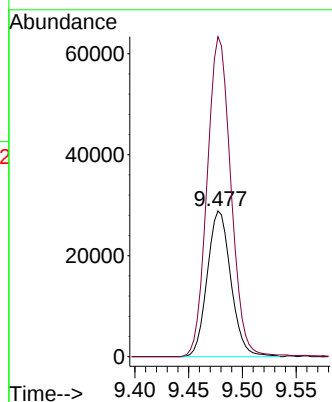
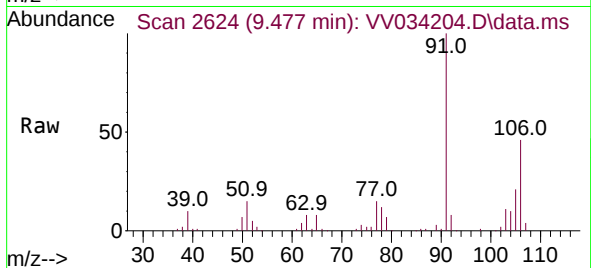




#54
o-Xylene
Concen: 4.969 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

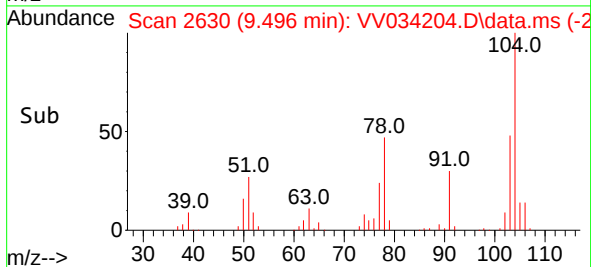
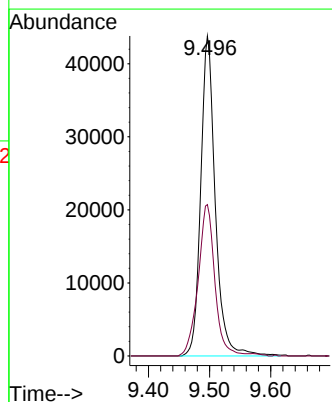
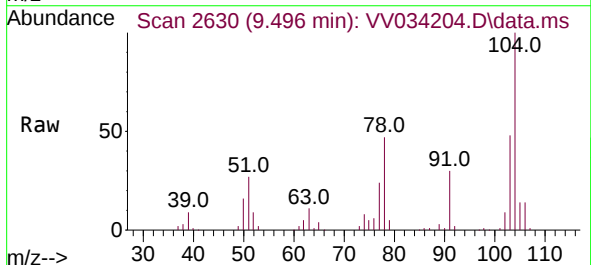
Instrument :
MSVOA_V
ClientSampleId :

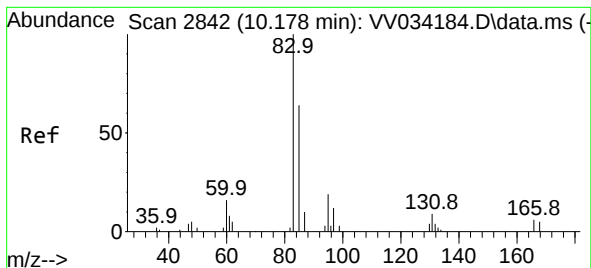
Tgt Ion:106 Resp: 44124
Ion Ratio Lower Upper
106 100
91 219.5 156.2 290.0



#55
Styrene
Concen: 5.109 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

Tgt Ion:104 Resp: 72639
Ion Ratio Lower Upper
104 100
78 47.3 32.9 61.1

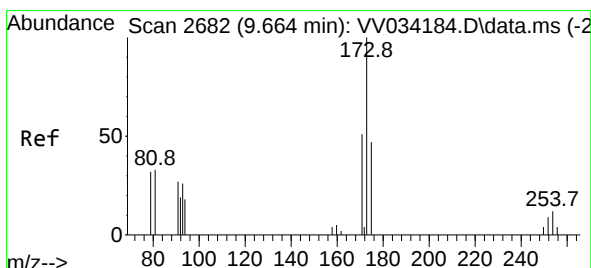
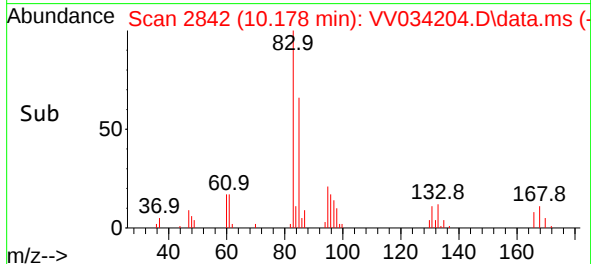
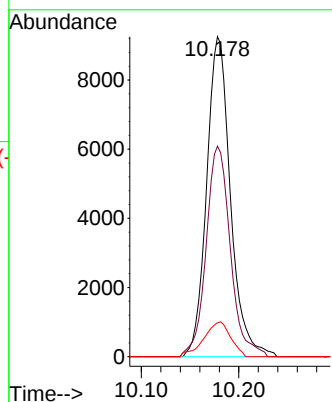
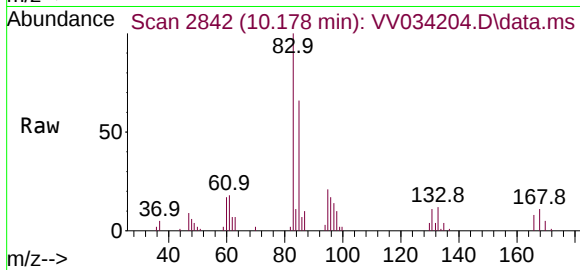




#57
1,1,2,2-Tetrachloroethane
Concen: 5.026 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

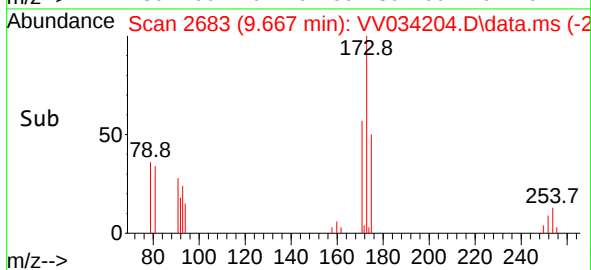
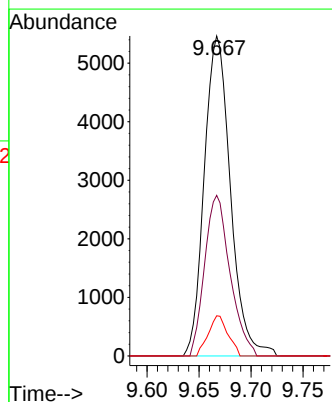
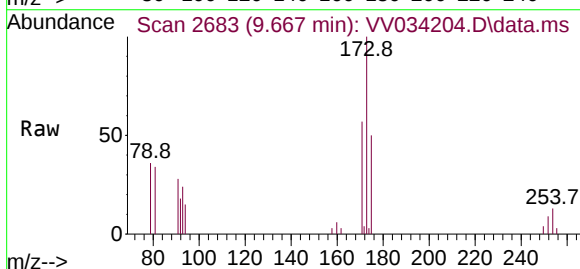
Instrument :
MSVOA_V
ClientSampleId :

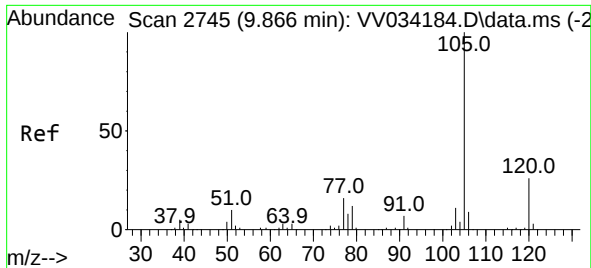
Tgt Ion	83	Resp:	15717
Ion	Ratio	Lower	Upper
83	100		
85	65.8	46.5	86.3
131	10.6	8.4	12.6



#59
Bromoform
Concen: 5.241 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.003 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

Tgt Ion	173	Resp:	9562
Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.6	57.8
254	9.4	7.2	10.8

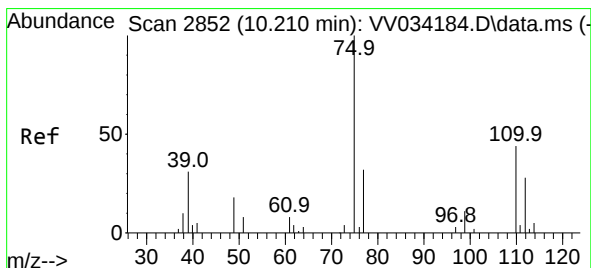
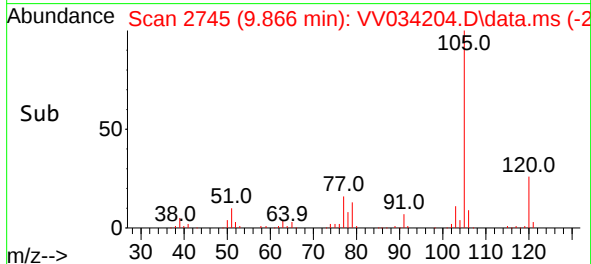
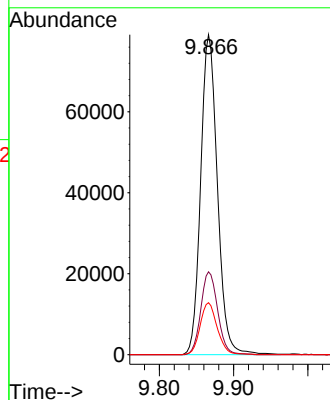
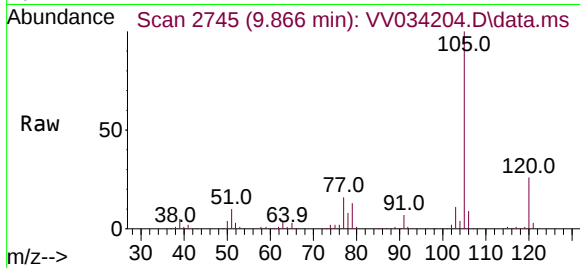




#60
Isopropylbenzene
Concen: 5.052 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

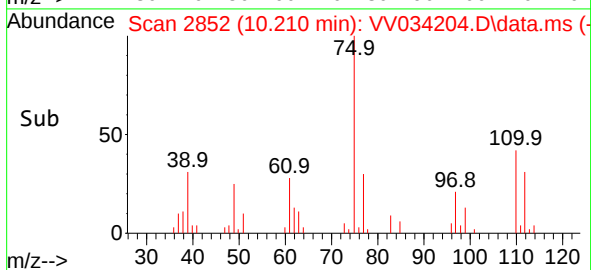
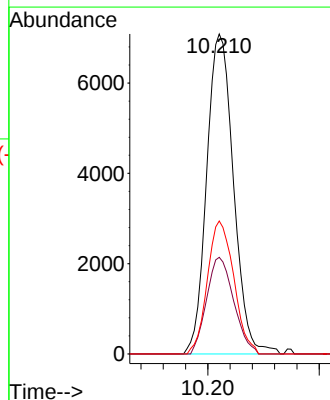
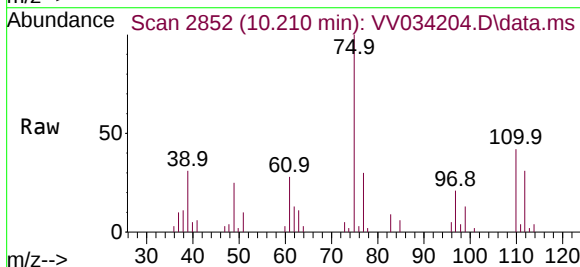
Instrument :
MSVOA_V
ClientSampleId :

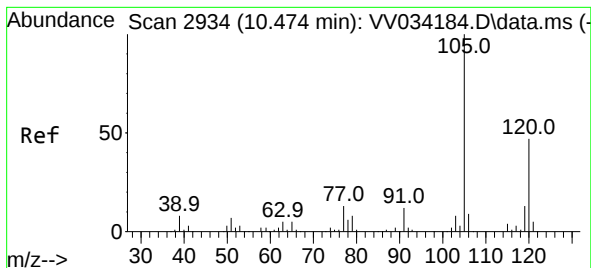
Tgt Ion:105 Resp: 123800
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 16.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.206 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

Tgt Ion: 75 Resp: 11853
Ion Ratio Lower Upper
75 100
77 30.5 26.9 40.3
110 40.9 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 4.958 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Instrument :

MSVOA_V

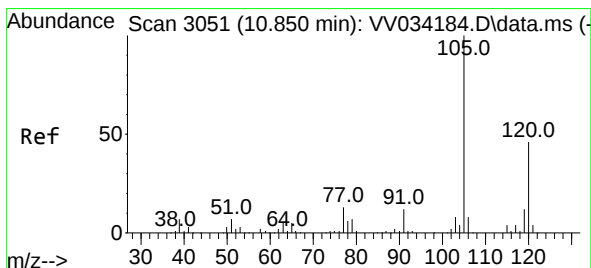
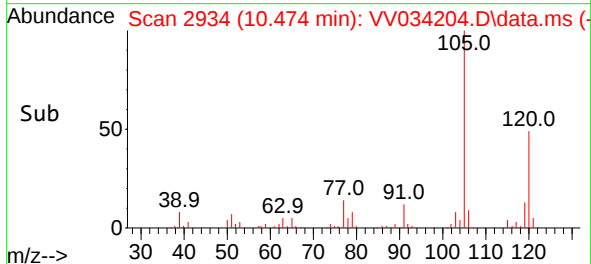
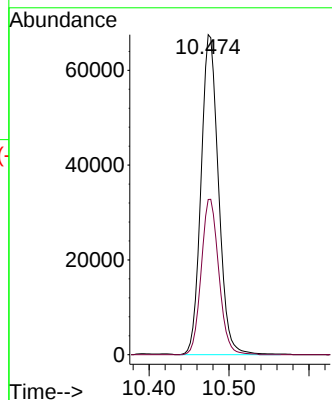
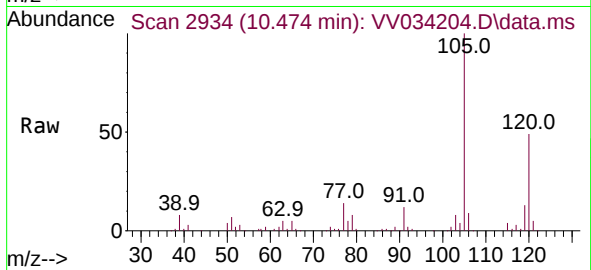
ClientSampleId :

Tgt Ion:105 Resp: 102724

Ion Ratio Lower Upper

105 100

120 48.8 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.011 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034204.D

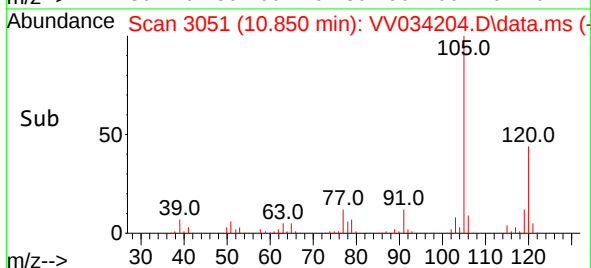
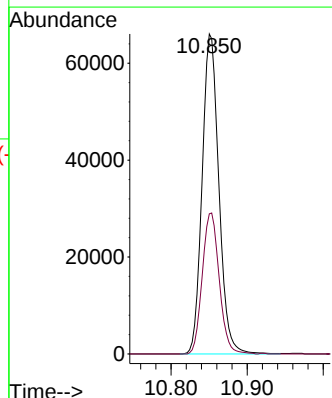
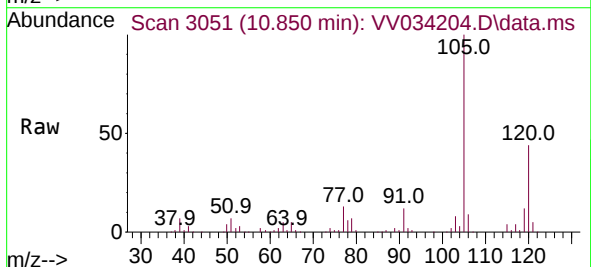
Acq: 15 Feb 2024 22:00

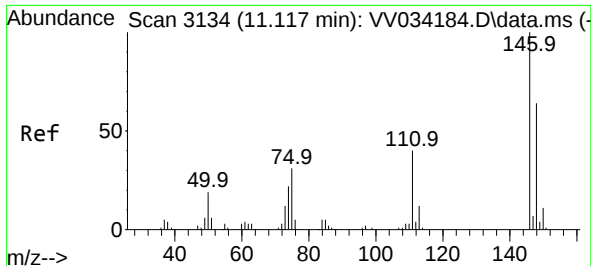
Tgt Ion:105 Resp: 100879

Ion Ratio Lower Upper

105 100

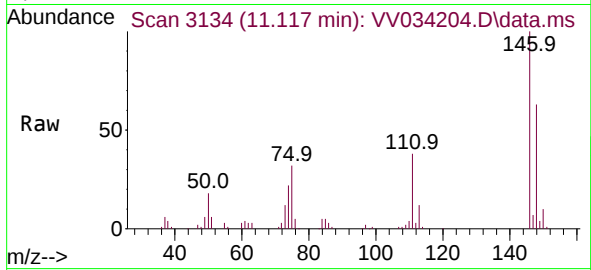
120 44.6 36.2 54.2



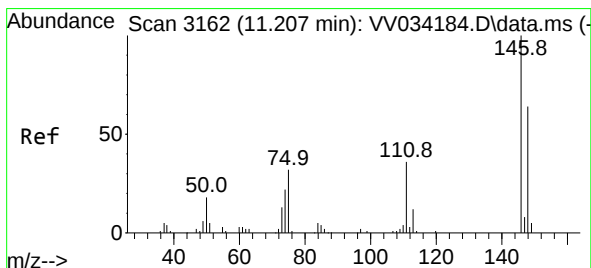
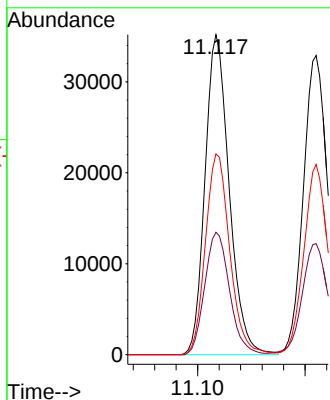
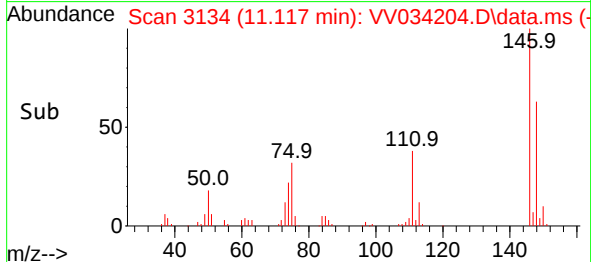


#64
1,3-Dichlorobenzene
Concen: 5.135 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00

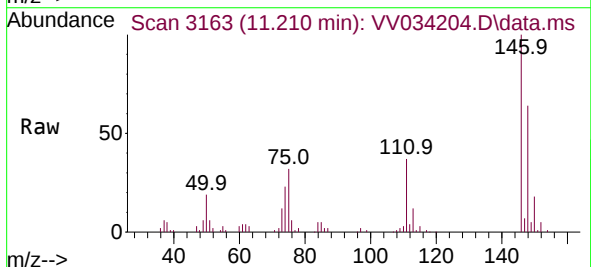
Instrument :
MSVOA_V
ClientSampleId :



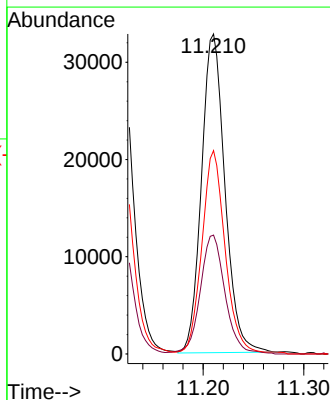
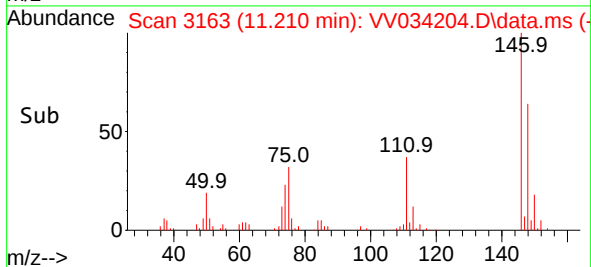
Tgt Ion:146 Resp: 54870
Ion Ratio Lower Upper
146 100
111 38.3 28.5 52.9
148 62.8 44.4 82.4

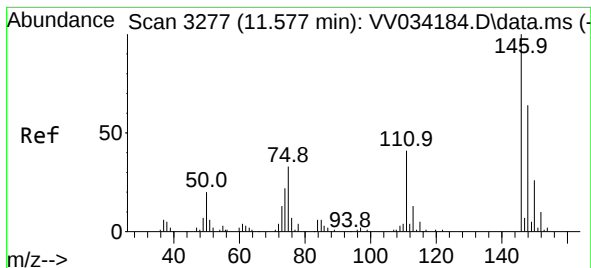


#65
1,4-Dichlorobenzene
Concen: 5.015 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034204.D
Acq: 15 Feb 2024 22:00



Tgt Ion:146 Resp: 53062
Ion Ratio Lower Upper
146 100
111 37.1 27.6 51.4
148 63.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.215 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Instrument :

MSVOA_V

ClientSampleId :

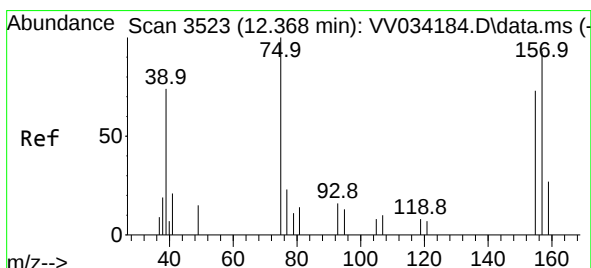
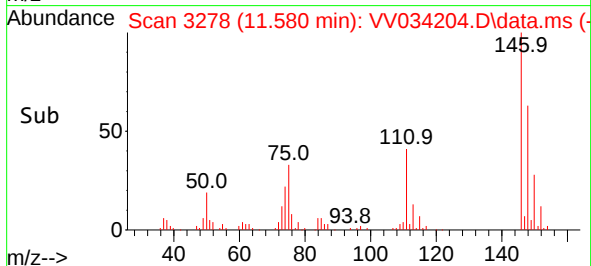
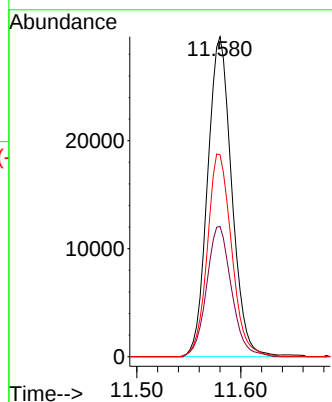
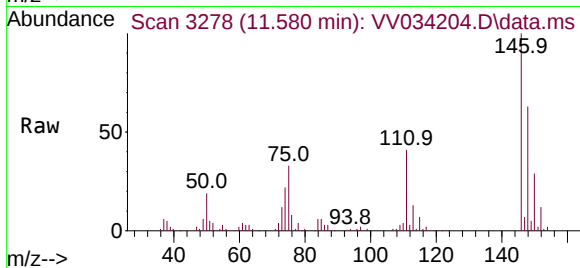
Tgt Ion:146 Resp: 47858

Ion Ratio Lower Upper

146 100

111 40.7 31.2 46.8

148 63.1 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.721 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

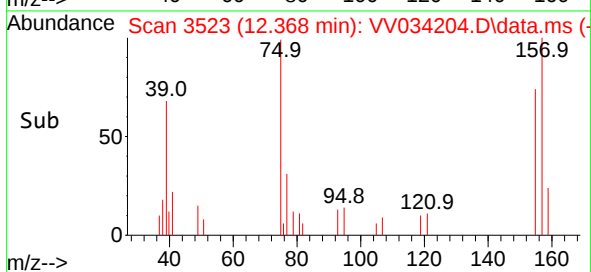
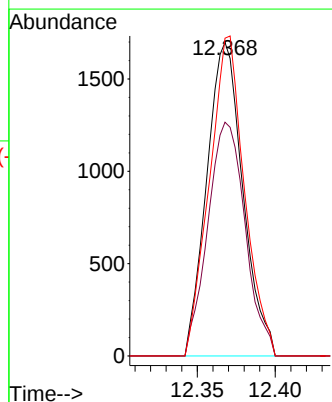
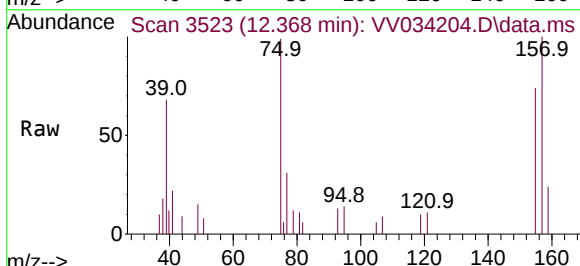
Tgt Ion: 75 Resp: 2730

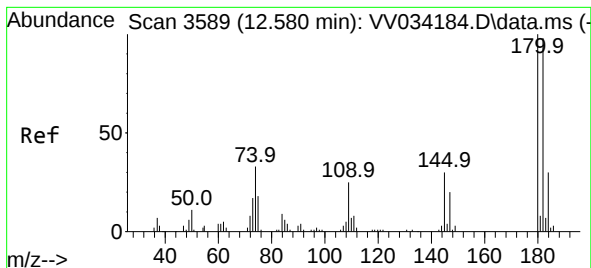
Ion Ratio Lower Upper

75 100

155 74.6 68.9 103.3

157 101.4 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 4.816 ug/L

RT: 12.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 39828

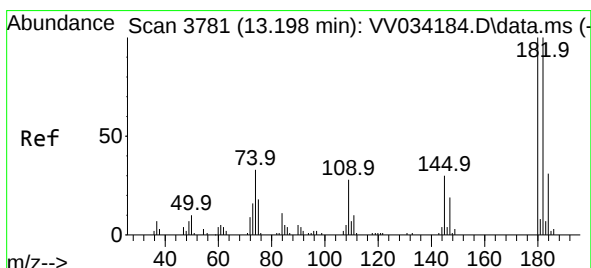
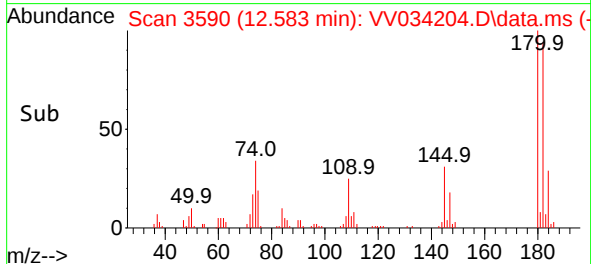
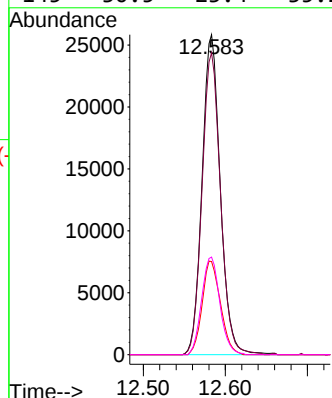
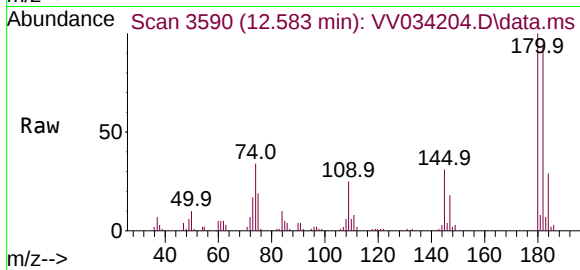
Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

184 29.3 23.8 35.6

145 30.5 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.035 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

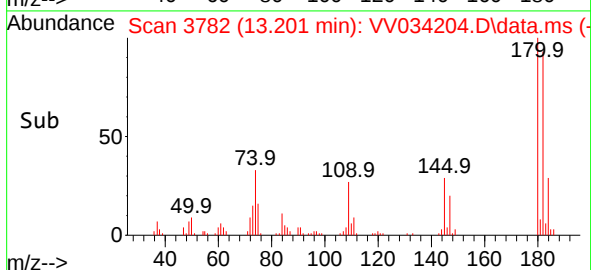
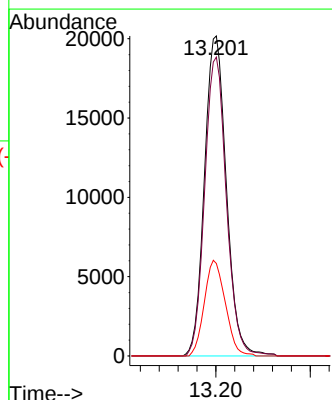
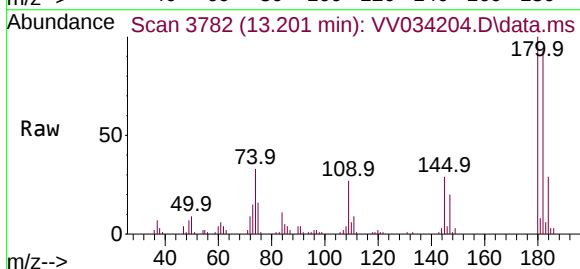
Tgt Ion:180 Resp: 32503

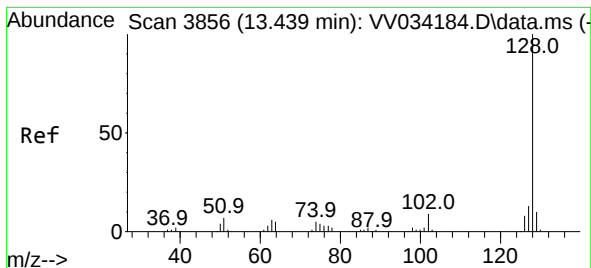
Ion Ratio Lower Upper

180 100

182 92.3 76.8 115.2

145 28.6 24.8 37.2





#71

Naphthalene

Concen: 5.342 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Instrument :

MSVOA_V

ClientSampleId :

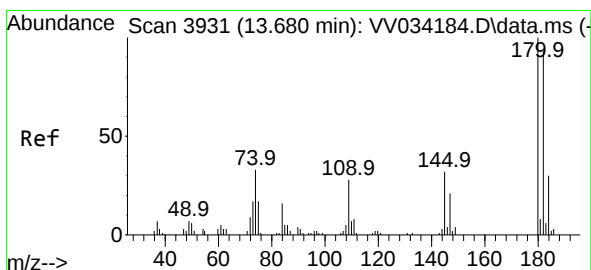
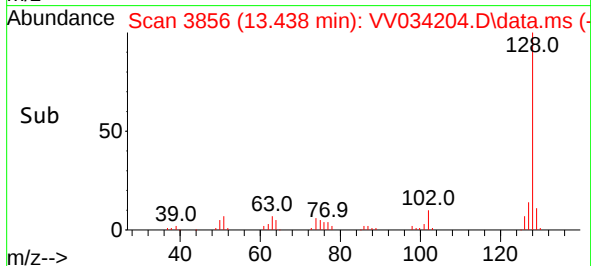
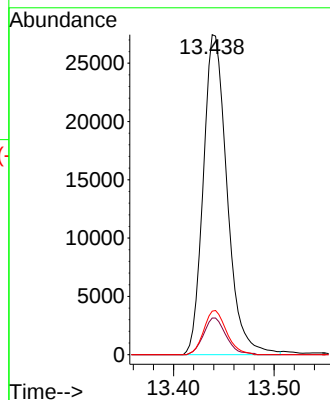
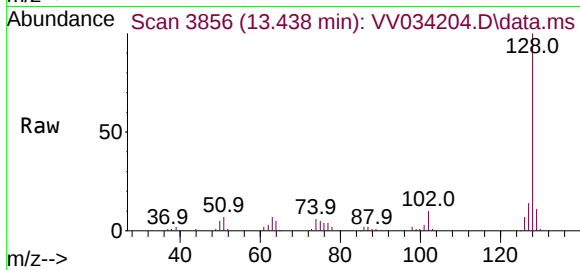
Tgt Ion:128 Resp: 45187

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 13.2 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.137 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034204.D

Acq: 15 Feb 2024 22:00

Tgt Ion:180 Resp: 26574

Ion Ratio Lower Upper

180 100

182 97.5 75.0 112.6

145 32.5 25.2 37.8

