

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021524\
 Data File : VW034184.D
 Acq On : 15 Feb 2024 12:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 16 00:38:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 15 01:26:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	74700	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	68372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	22435	3.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.536	69	20426	4.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.060	65	11014	3.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	3.818	46	42953	44.207	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.420%
24) Chloroform-d	4.249	84	48613	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.944	65	22898	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	4.960	84	86125	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.989	67	23871	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.243	98	80345	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.555	79	9153	4.227	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.027	63	31321	40.523	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.040%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	14713	4.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	28174	4.292	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	35255	5.150	ug/L	99
3) Chloromethane	1.217	50	35269	4.723	ug/L	98
5) Vinyl chloride	1.285	62	35428	4.965	ug/L	91
6) Bromomethane	1.491	94	20428	5.437	ug/L	99
8) Chloroethane	1.552	64	22939	4.713	ug/L	98
9) Trichlorofluoromethane	1.716	101	59917	5.827	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	29624	5.512	ug/L	97
12) 1,1-Dichloroethene	2.069	96	27748	5.317	ug/L	96
13) Acetone	2.150	43	33003	44.772	ug/L	94
14) Carbon disulfide	2.243	76	74342	4.403	ug/L	99
15) Methyl Acetate	2.388	43	8865	5.082	ug/L	91
16) Methylene chloride	2.449	84	27510	5.494	ug/L	94
17) Methyl tert-butyl Ether	2.703	73	53931	5.030	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	25969	4.886	ug/L	96
19) 1,1-Dichloroethane	3.111	63	50021	5.122	ug/L	98
21) 2-Butanone	3.902	43	41915	43.029	ug/L #	56
22) cis-1,2-Dichloroethene	3.815	96	28129	4.665	ug/L	98
23) Bromochloromethane	4.153	128	11325	5.402	ug/L	92
25) Chloroform	4.275	83	51673	5.234	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021524\
 Data File : VW034184.D
 Acq On : 15 Feb 2024 12:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

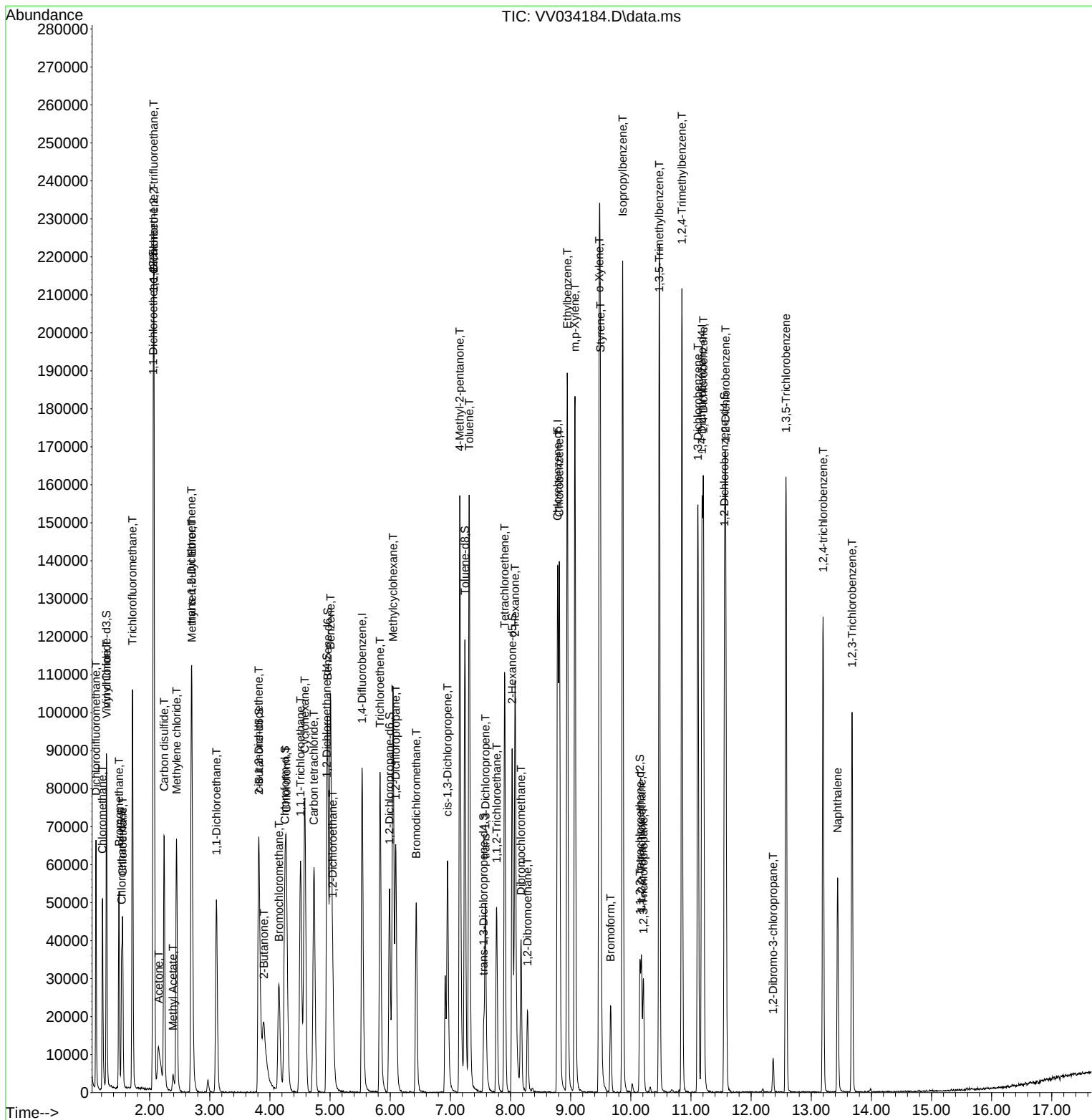
Instrument :
 MSVOA_V
 ClientSampleId :

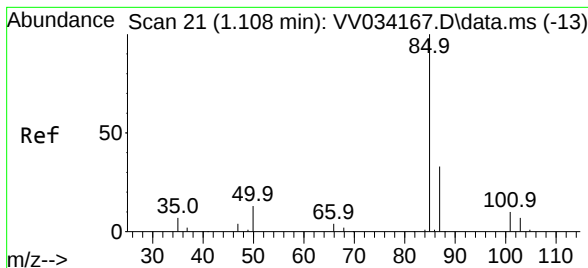
Quant Time: Feb 16 00:38:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 15 01:26:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	30398	5.377	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	51287	5.587	ug/L	99
30) Cyclohexane	4.580	56	41717	4.673	ug/L	94
31) Carbon tetrachloride	4.732	117	45407	5.653	ug/L	99
33) Benzene	5.008	78	103995	5.071	ug/L	100
34) Trichloroethene	5.831	95	29344	4.944	ug/L	98
35) Methylcyclohexane	6.047	83	45526	4.887	ug/L	97
37) 1,2-Dichloropropane	6.092	63	22805	4.591	ug/L	98
38) Bromodichloromethane	6.433	83	32972	5.057	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	36411	4.817	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	109177	45.897	ug/L	99
42) Toluene	7.314	91	112301	5.124	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	28958	4.990	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	15222	4.963	ug/L	95
47) Tetrachloroethene	7.902	164	23841	4.944	ug/L	95
48) 2-Hexanone	8.076	43	73245	43.683	ug/L	98
49) Dibromochloromethane	8.175	129	18803	5.159	ug/L	99
50) 1,2-Dibromoethane	8.281	107	13877	5.040	ug/L #	97
51) Chlorobenzene	8.812	112	71032	5.126	ug/L	98
52) Ethylbenzene	8.944	91	130429	5.170	ug/L	100
53) m,p-Xylene	9.072	106	49992	5.244	ug/L	99
54) o-Xylene	9.477	106	48617	5.289	ug/L	99
55) Styrene	9.497	104	79001	5.367	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	15121	4.671	ug/L	99
59) Bromoform	9.664	173	9732	4.894	ug/L	99
60) Isopropylbenzene	9.866	105	136194	5.099	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	11371	4.582	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	115475	5.114	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	111642	5.089	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	59516	5.111	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	58594	5.081	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	51508	5.150	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2419	4.651	ug/L	87
69) 1,3,5-Trichlorobenzene	12.580	180	47606	5.282	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	35608	5.061	ug/L	98
71) Naphthalene	13.439	128	44432	4.820	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	28632	5.079	ug/L	99

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

Quant Time: Feb 16 00:38:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 15 01:26:50 2024
Response via : Initial Calibration

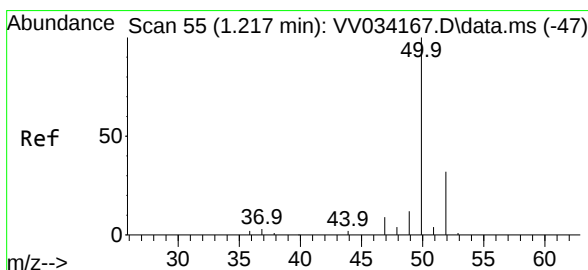
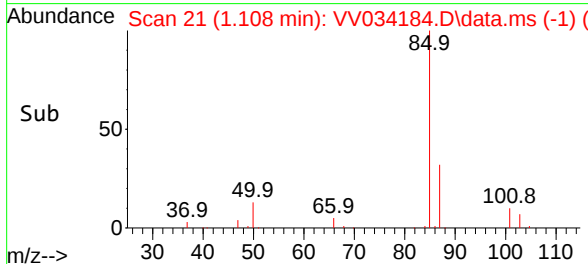
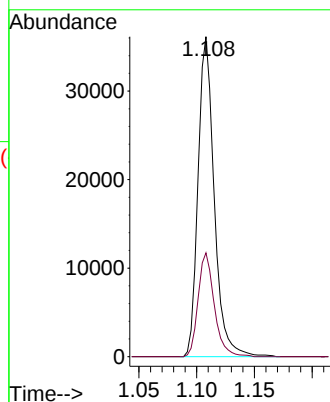
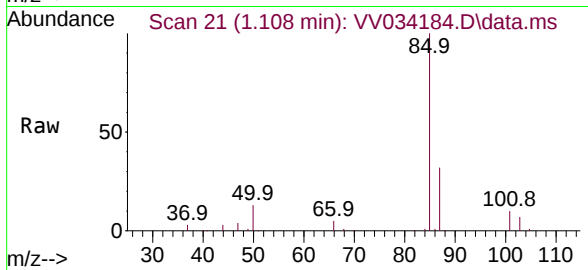




#2
 Dichlorodifluoromethane
 Concen: 5.150 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034184.D
 Acq: 15 Feb 2024 12:06

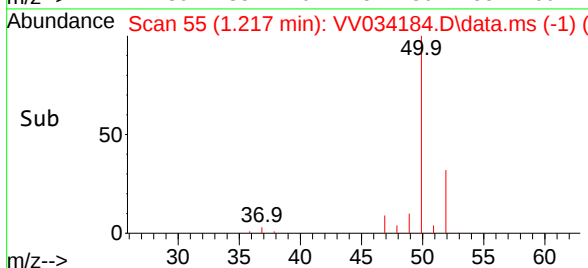
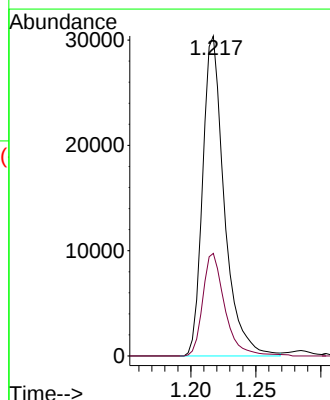
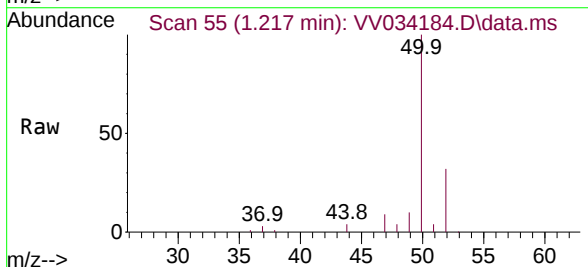
Instrument :
 MSVOA_V
 ClientSampleId :

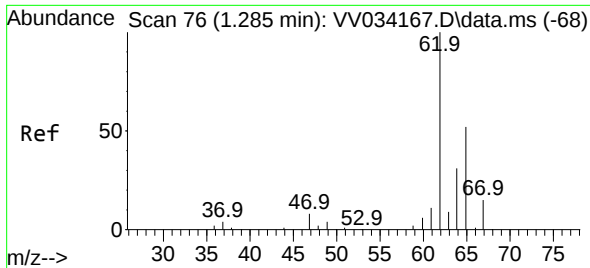
Tgt Ion: 85 Resp: 35255
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.2 39.4



#3
 Chloromethane
 Concen: 4.723 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034184.D
 Acq: 15 Feb 2024 12:06

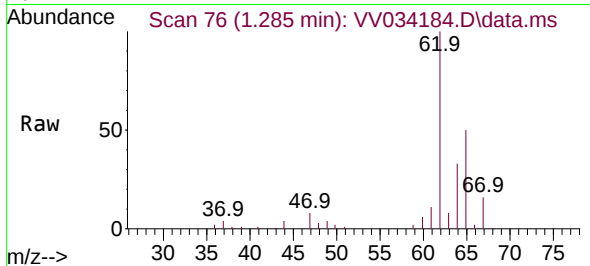
Tgt Ion: 50 Resp: 35269
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.4 43.4



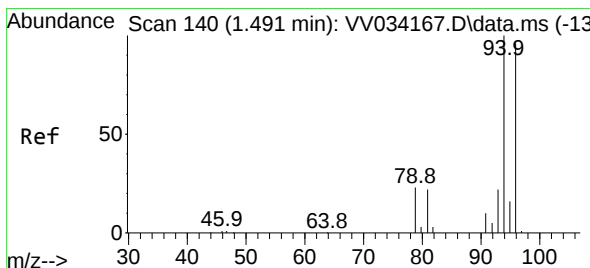
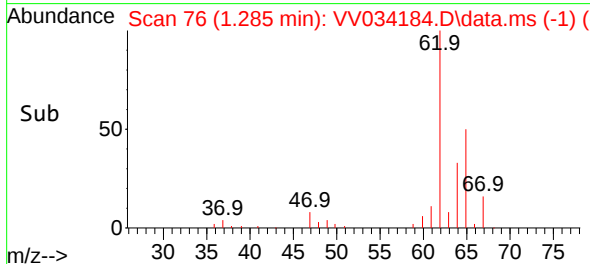
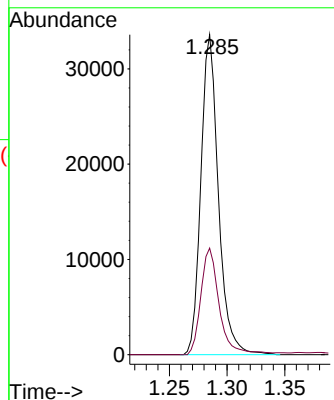


#5
 Vinyl chloride
 Concen: 4.965 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV034184.D
 Acq: 15 Feb 2024 12:06

Instrument :
 MSVOA_V
 ClientSampleId :

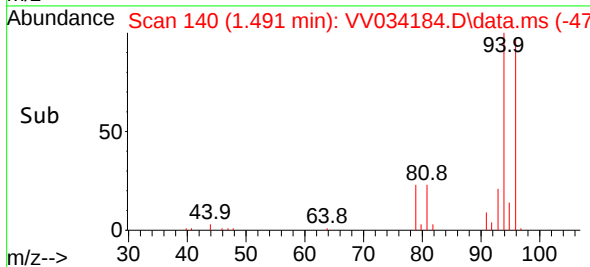
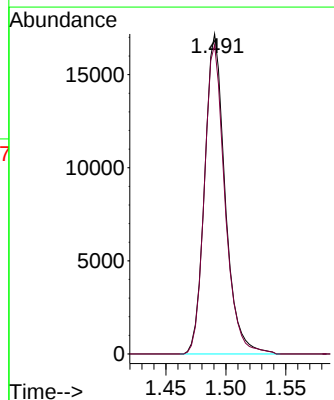
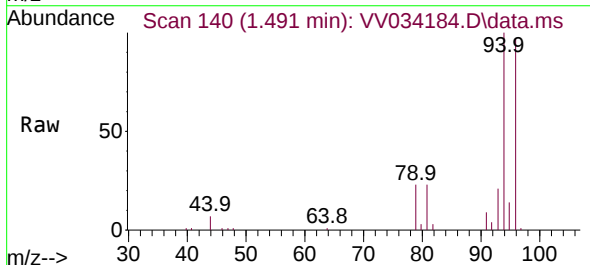


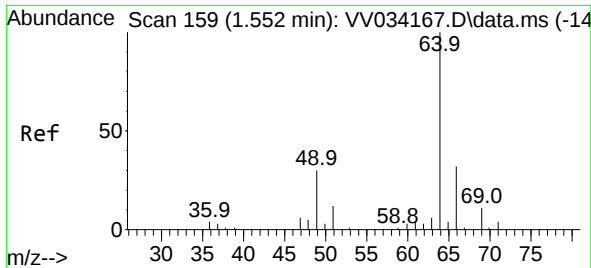
Tgt Ion: 62 Resp: 35428
 Ion Ratio Lower Upper
 62 100
 64 33.3 27.2 50.4



#6
 Bromomethane
 Concen: 5.437 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV034184.D
 Acq: 15 Feb 2024 12:06

Tgt Ion: 94 Resp: 20428
 Ion Ratio Lower Upper
 94 100
 96 96.6 66.6 123.8





#8

Chloroethane

Concen: 4.713 ug/L

RT: 1.552 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

Instrument :

MSVOA_V

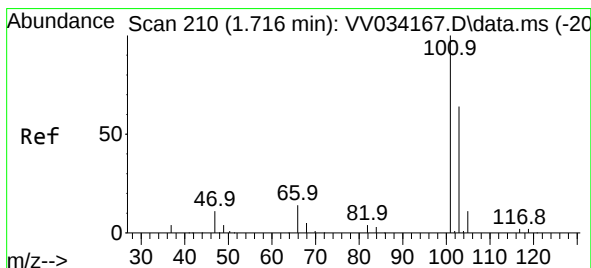
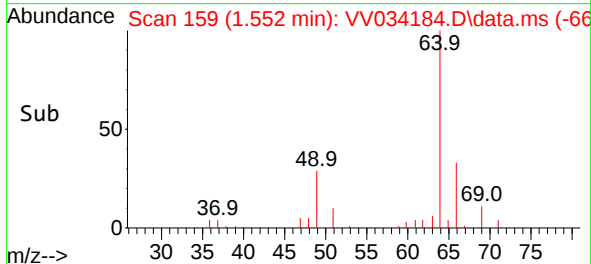
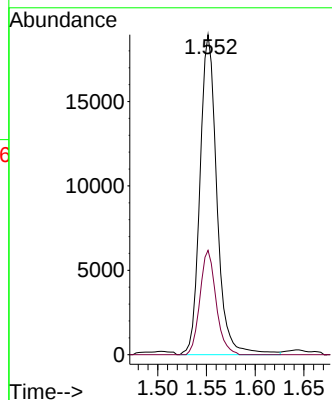
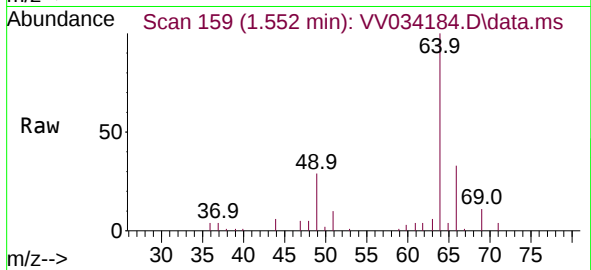
ClientSampleId :

Tgt Ion: 64 Resp: 22939

Ion Ratio Lower Upper

64 100

66 32.6 22.0 41.0



#9

Trichlorofluoromethane

Concen: 5.827 ug/L

RT: 1.716 min Scan# 210

Delta R.T. 0.000 min

Lab File: VV034184.D

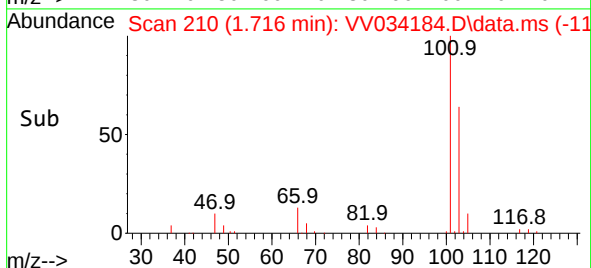
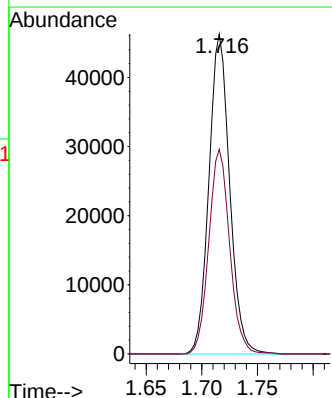
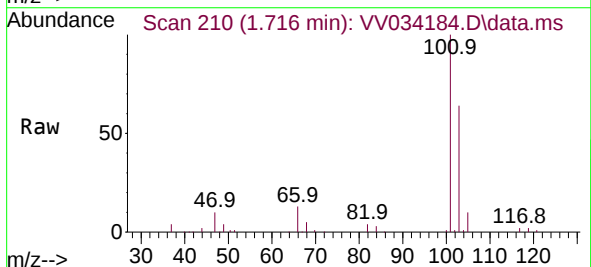
Acq: 15 Feb 2024 12:06

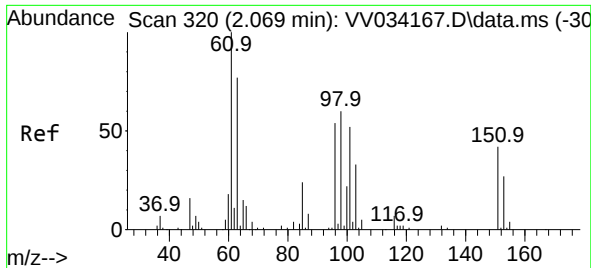
Tgt Ion:101 Resp: 59917

Ion Ratio Lower Upper

101 100

103 64.4 51.0 76.4

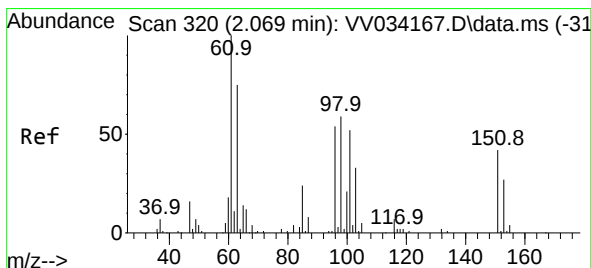
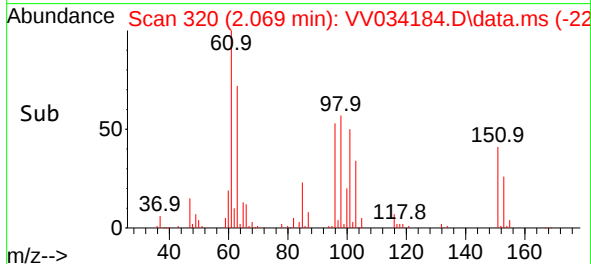
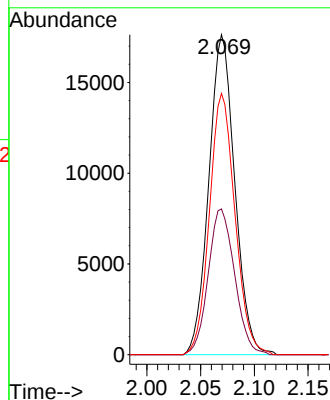
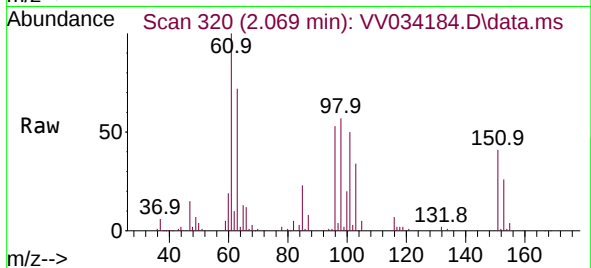




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.512 ug/L
RT: 2.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

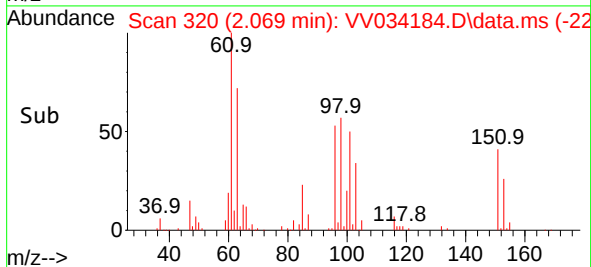
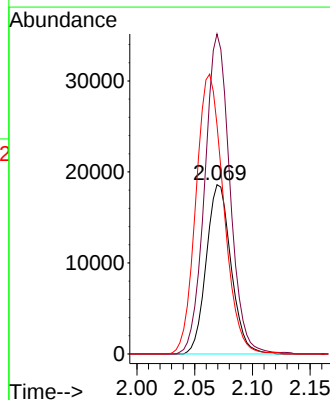
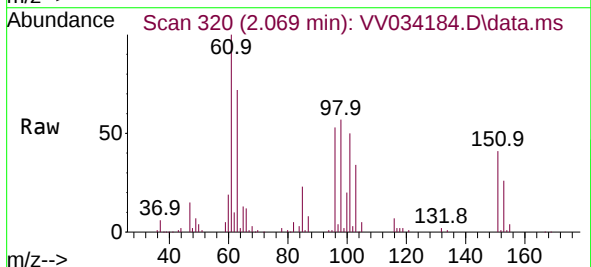
Instrument :
MSVOA_V
ClientSampleId :

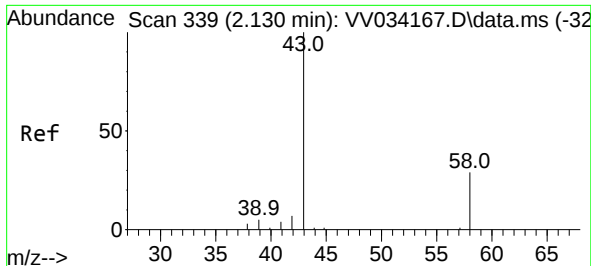
Tgt Ion:	101	Resp:	29624
Ion	Ratio	Lower	Upper
101	100		
85	46.4	37.1	55.7
151	80.6	61.7	92.5



#12
1,1-Dichloroethene
Concen: 5.317 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

Tgt Ion:	96	Resp:	27748
Ion	Ratio	Lower	Upper
96	100		
61	189.0	128.8	239.2
63	135.4	97.9	181.9





#13

Acetone

Concen: 44.772 ug/L

RT: 2.150 min Scan# 34

Delta R.T. 0.019 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

Instrument :

MSVOA_V

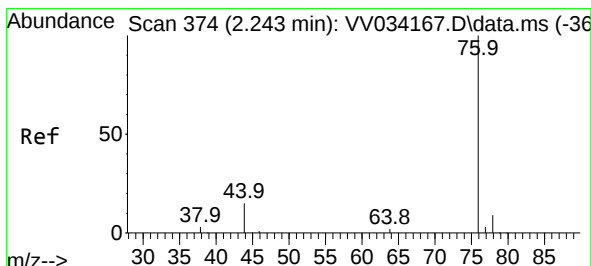
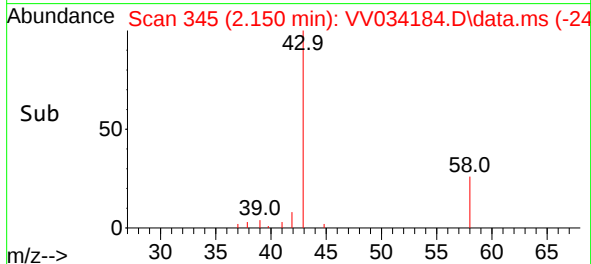
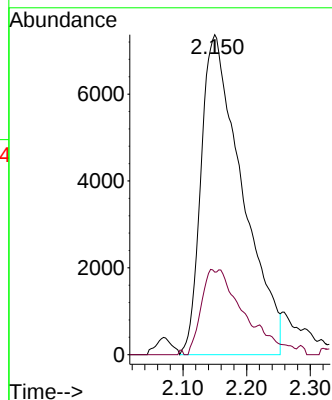
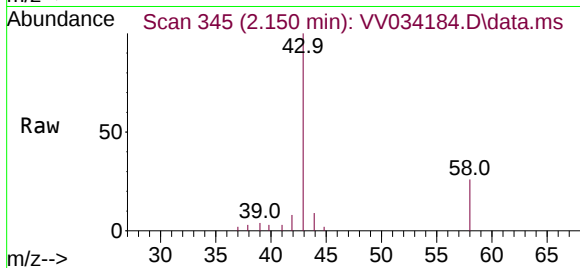
ClientSampleId :

Tgt Ion: 43 Resp: 33003

Ion Ratio Lower Upper

43 100

58 9.0 0.0 13.8



#14

Carbon disulfide

Concen: 4.403 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV034184.D

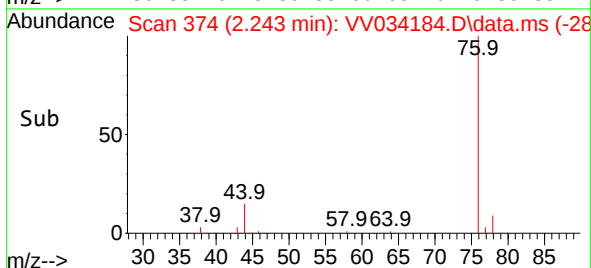
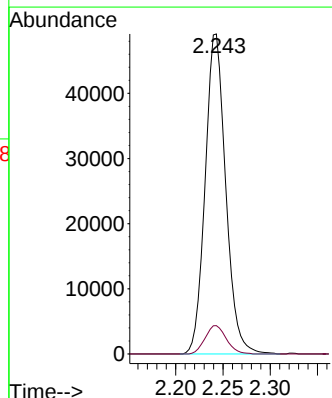
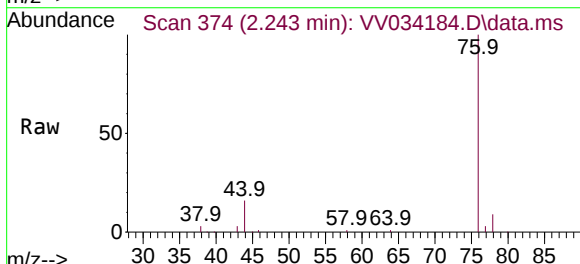
Acq: 15 Feb 2024 12:06

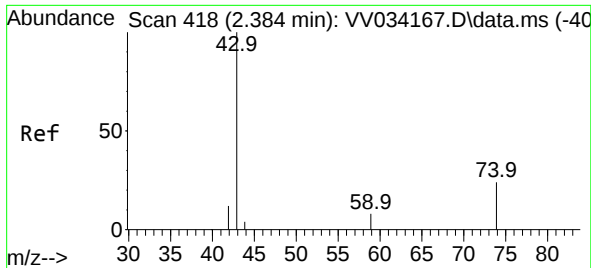
Tgt Ion: 76 Resp: 74342

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

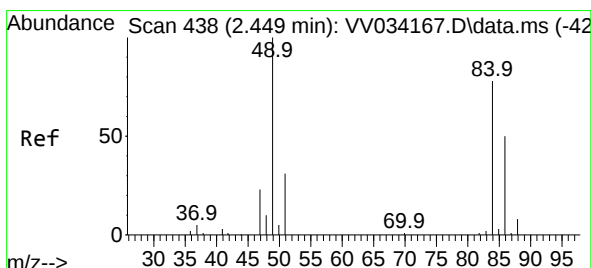
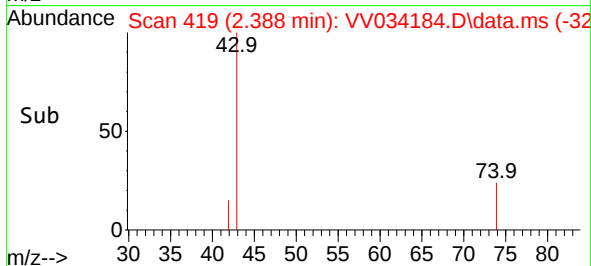
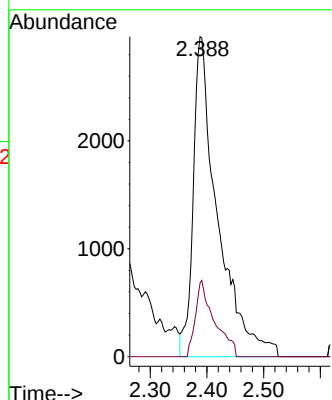
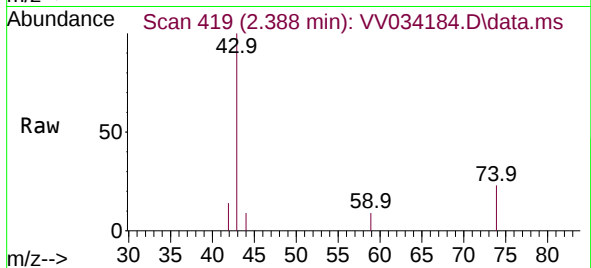




#15
Methyl Acetate
Concen: 5.082 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

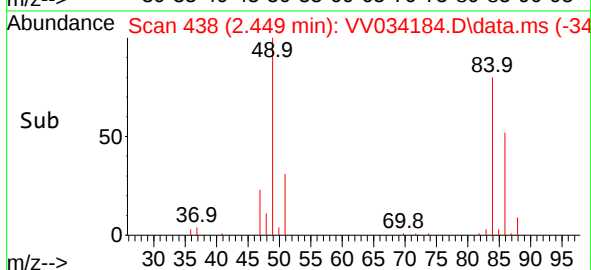
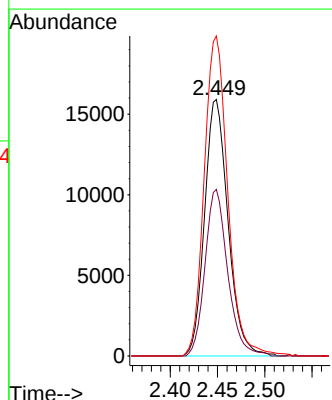
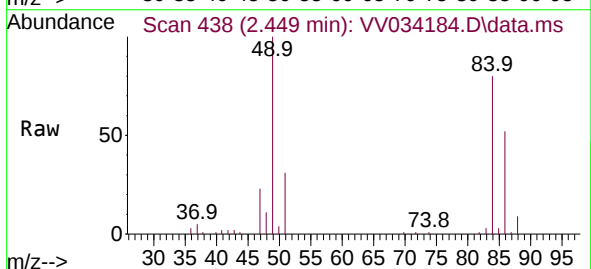
Instrument :
MSVOA_V
ClientSampleId :

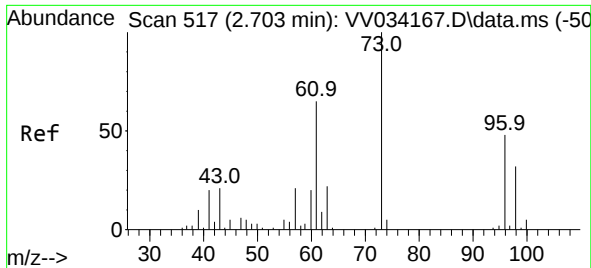
Tgt Ion: 43 Resp: 8865
Ion Ratio Lower Upper
43 100
74 18.5 18.2 27.4



#16
Methylene chloride
Concen: 5.494 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

Tgt Ion: 84 Resp: 27510
Ion Ratio Lower Upper
84 100
86 64.9 44.7 83.1
49 124.7 93.7 173.9





#17

Methyl tert-butyl Ether

Concen: 5.030 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

Instrument :

MSVOA_V

ClientSampleId :

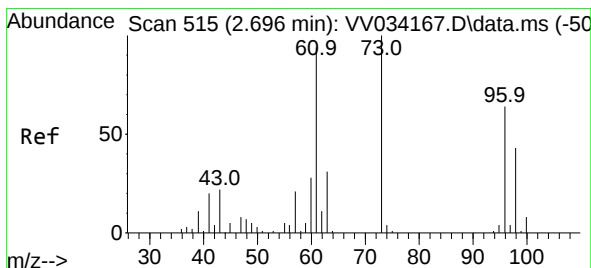
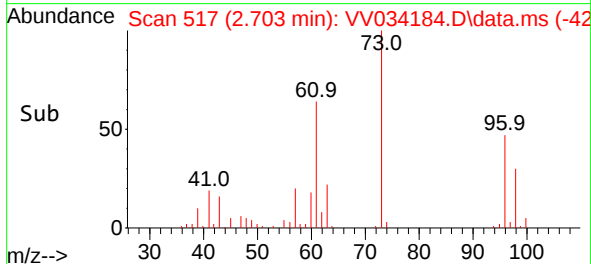
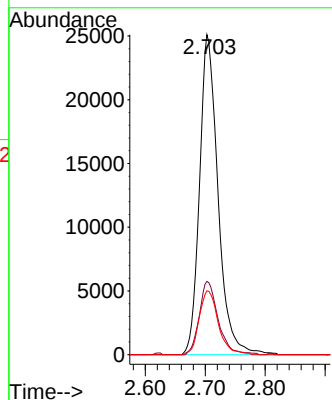
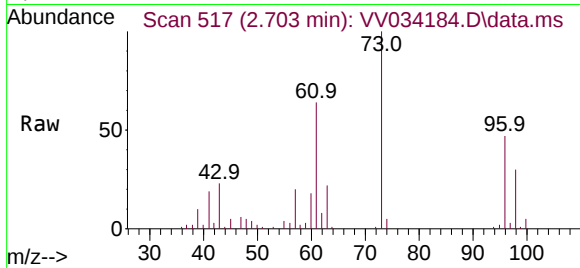
Tgt Ion: 73 Resp: 53931

Ion Ratio Lower Upper

73 100

43 23.4 17.7 26.5

57 20.6 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 4.886 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

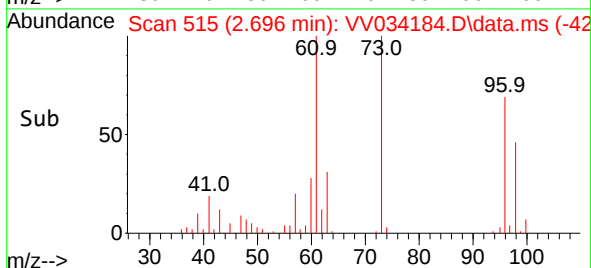
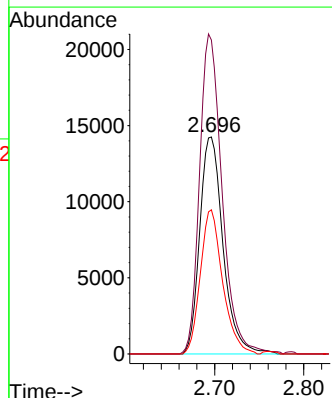
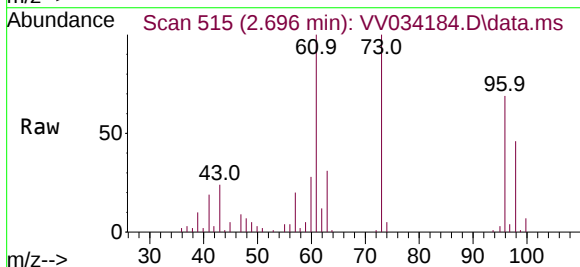
Tgt Ion: 96 Resp: 25969

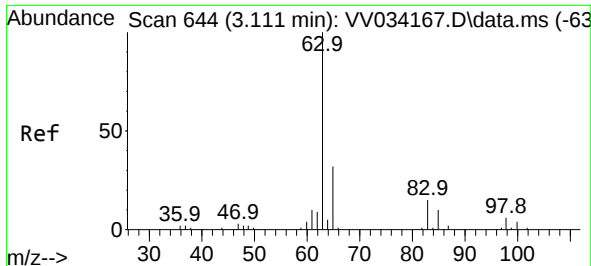
Ion Ratio Lower Upper

96 100

61 144.7 97.6 181.4

98 66.4 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.122 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV034184.D

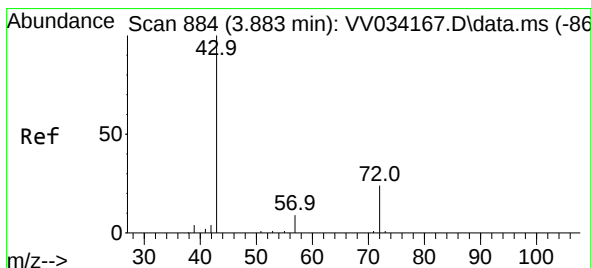
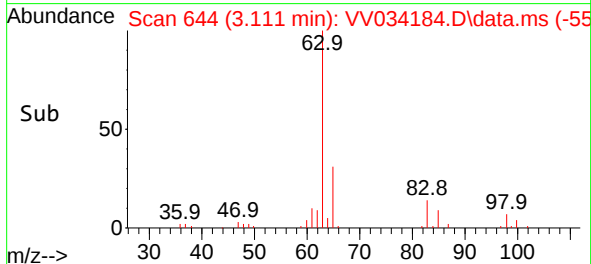
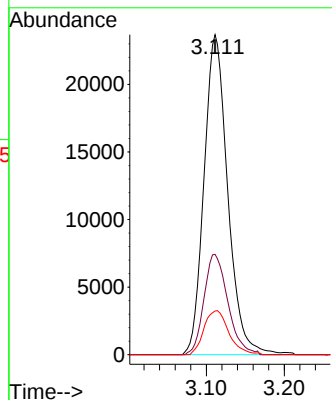
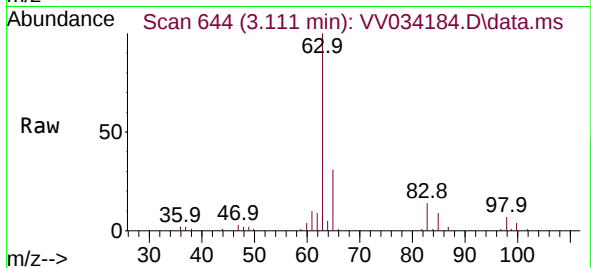
Acq: 15 Feb 2024 12:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	50021
Ion	Ratio	Lower	Upper
63	100		
65	31.3	20.8	38.6
83	13.7	9.4	17.4



#21

2-Butanone

Concen: 43.029 ug/L

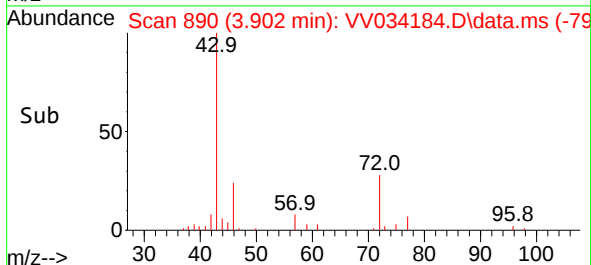
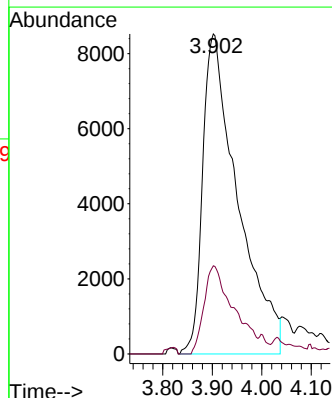
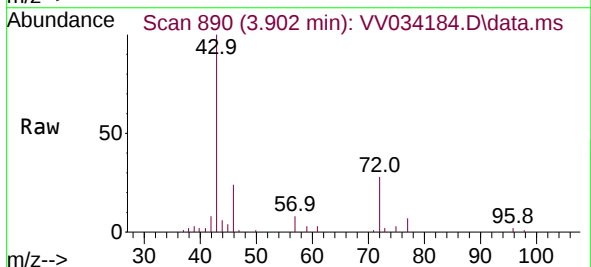
RT: 3.902 min Scan# 890

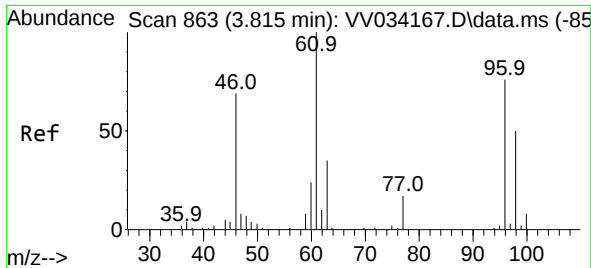
Delta R.T. 0.019 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

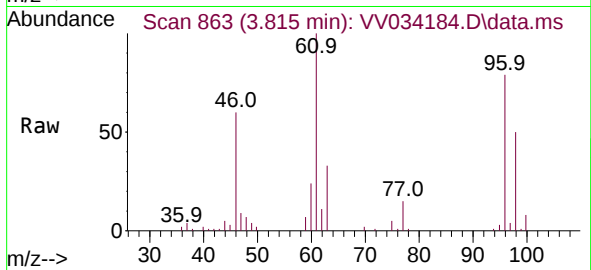
Tgt Ion:	43	Resp:	41915
Ion	Ratio	Lower	Upper
43	100		
72	23.2	4.0	11.9



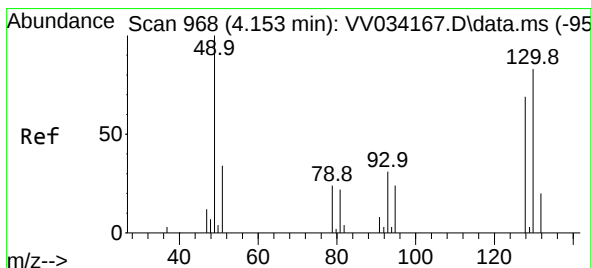
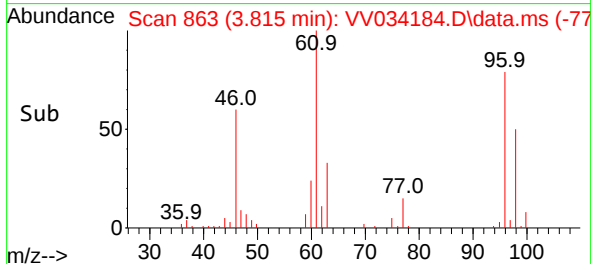
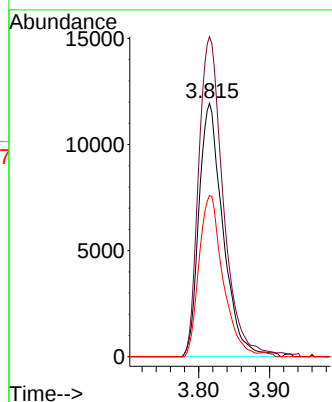


#22
 cis-1,2-Dichloroethene
 Concen: 4.665 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV034184.D
 Acq: 15 Feb 2024 12:06

Instrument :
 MSVOA_V
 ClientSampleId :

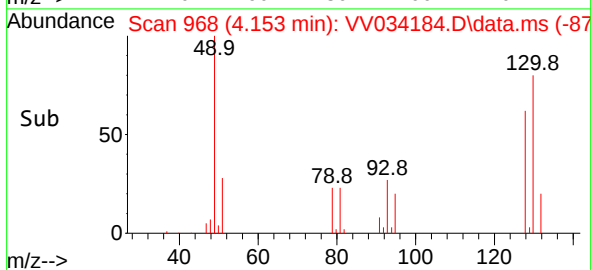
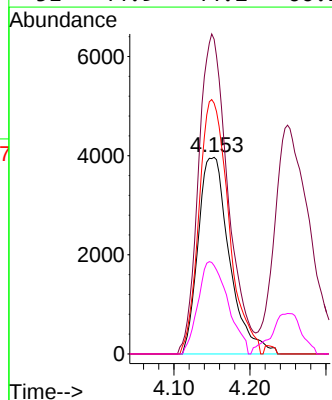
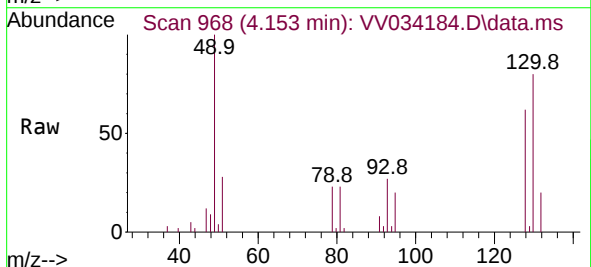


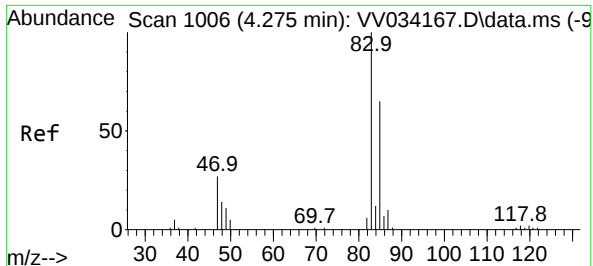
Tgt Ion: 96 Resp: 28129
 Ion Ratio Lower Upper
 96 100
 61 126.3 90.3 167.7
 98 63.6 43.2 80.2



#23
 Bromochloromethane
 Concen: 5.402 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VV034184.D
 Acq: 15 Feb 2024 12:06

Tgt Ion: 128 Resp: 11325
 Ion Ratio Lower Upper
 128 100
 49 160.0 120.5 223.7
 130 127.5 93.4 173.4
 51 44.9 44.2 66.2

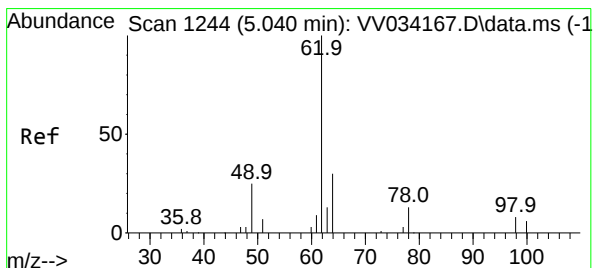
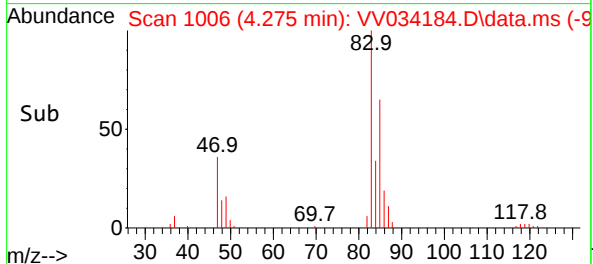
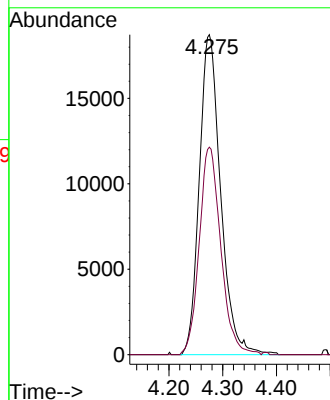
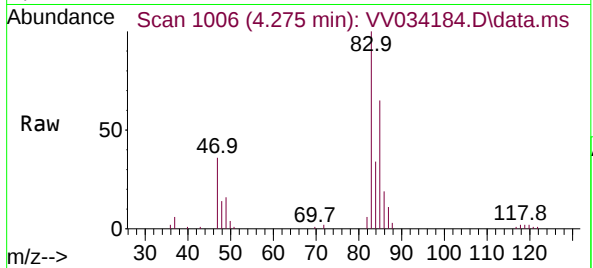




#25
Chloroform
Concen: 5.234 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

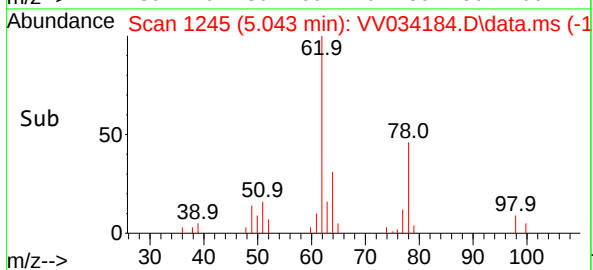
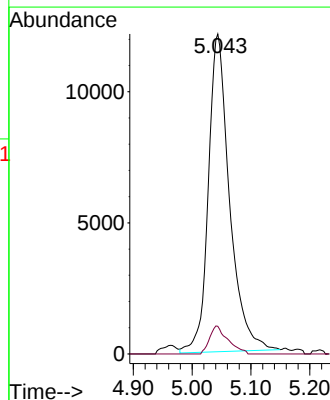
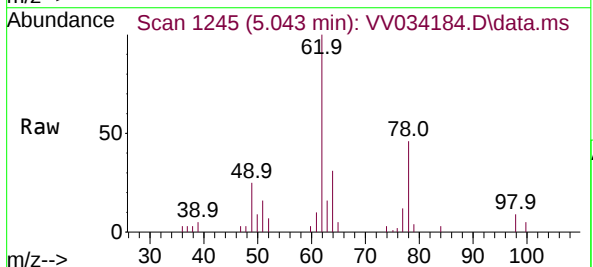
Instrument :
MSVOA_V
ClientSampleId :

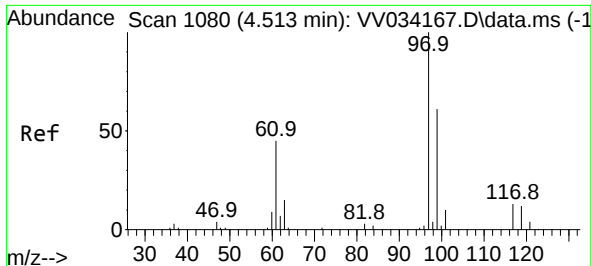
Tgt Ion: 83 Resp: 51673
Ion Ratio Lower Upper
83 100
85 64.8 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.377 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.003 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

Tgt Ion: 62 Resp: 30398
Ion Ratio Lower Upper
62 100
98 8.7 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.587 ug/L

RT: 4.510 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

Instrument :

MSVOA_V

ClientSampleId :

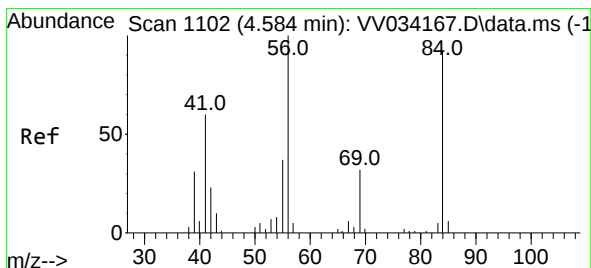
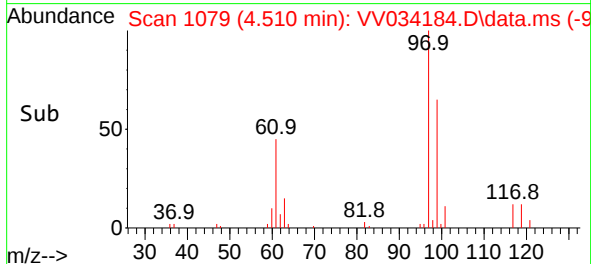
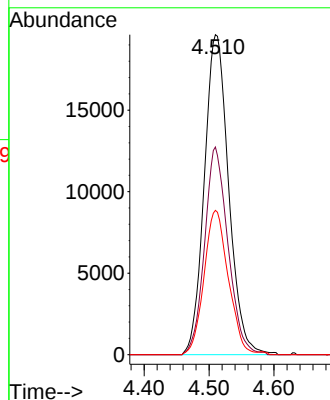
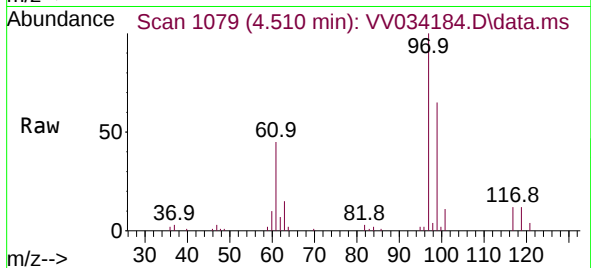
Tgt Ion: 97 Resp: 51287

Ion Ratio Lower Upper

97 100

99 62.3 50.6 75.8

61 44.9 36.8 55.2



#30

Cyclohexane

Concen: 4.673 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

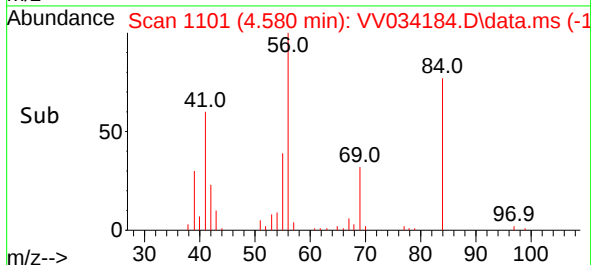
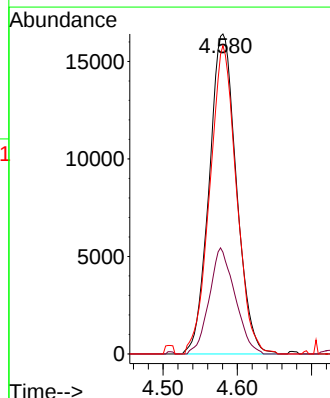
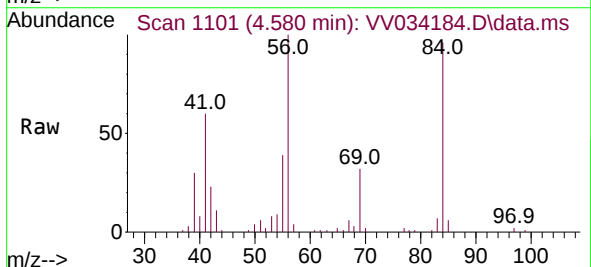
Tgt Ion: 56 Resp: 41717

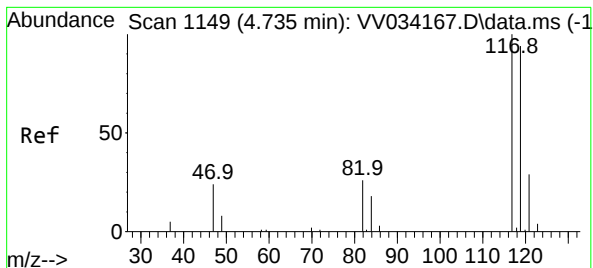
Ion Ratio Lower Upper

56 100

69 31.4 24.2 36.2

84 94.2 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.653 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. -0.003 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

Instrument :

MSVOA_V

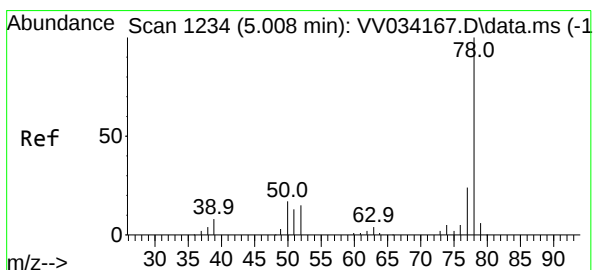
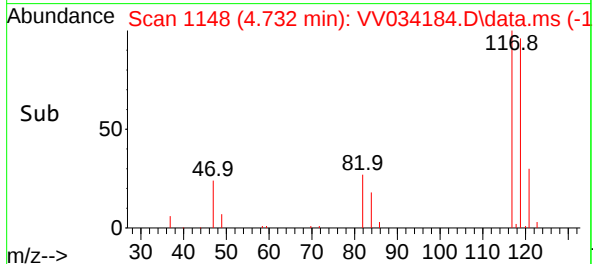
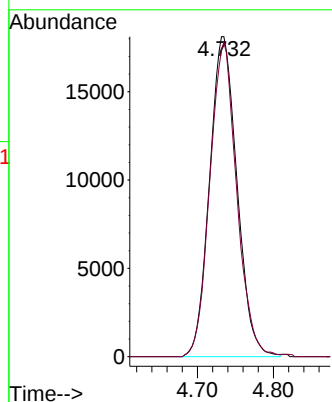
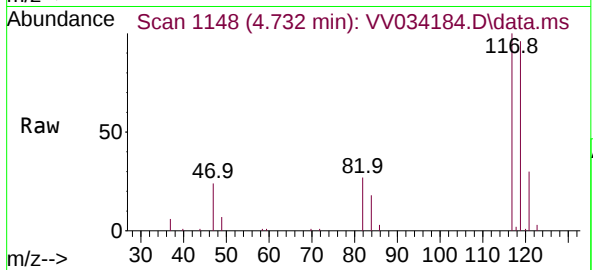
ClientSampleId :

Tgt Ion:117 Resp: 45407

Ion Ratio Lower Upper

117 100

119 96.0 76.1 114.1



#33

Benzene

Concen: 5.071 ug/L

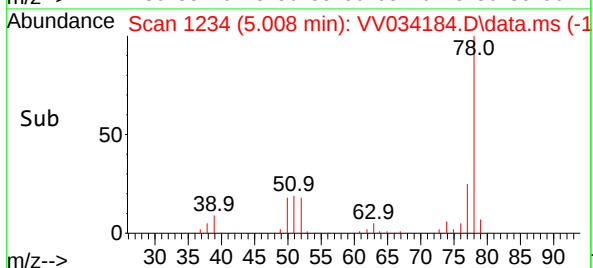
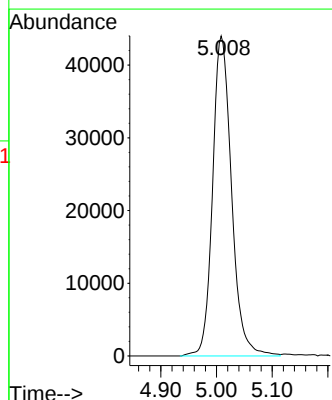
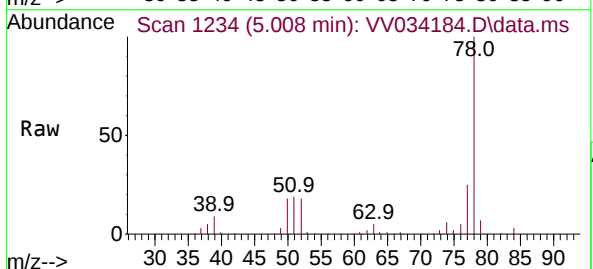
RT: 5.008 min Scan# 1234

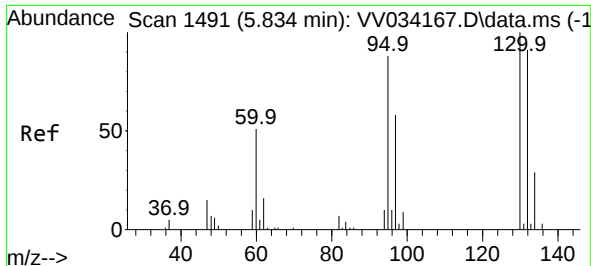
Delta R.T. 0.000 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

Tgt Ion: 78 Resp: 103995

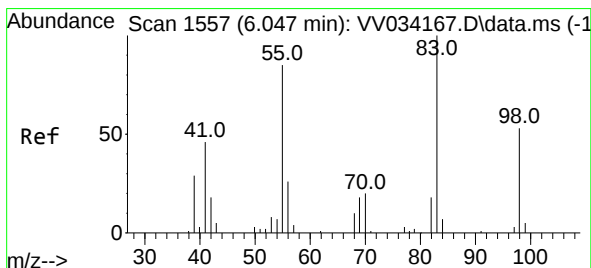
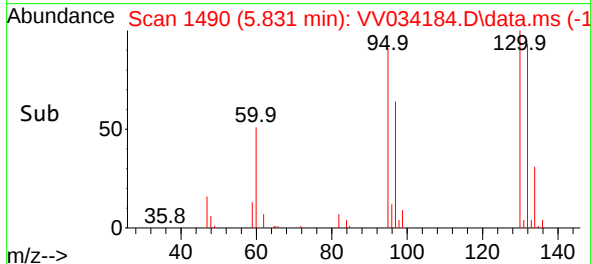
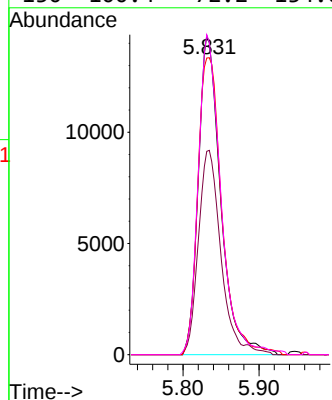
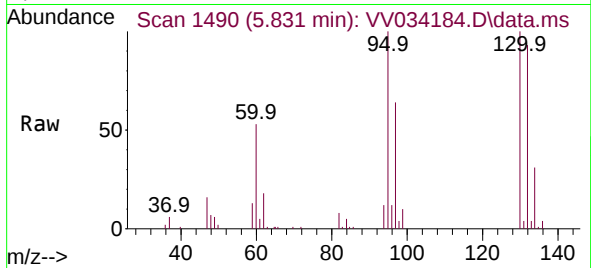




#34
Trichloroethene
Concen: 4.944 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

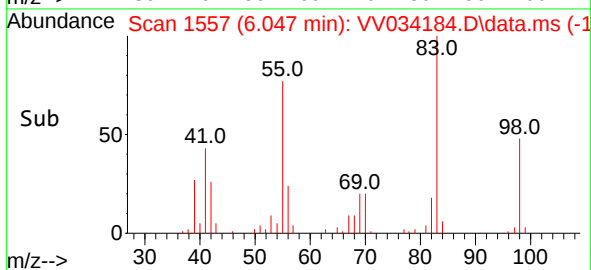
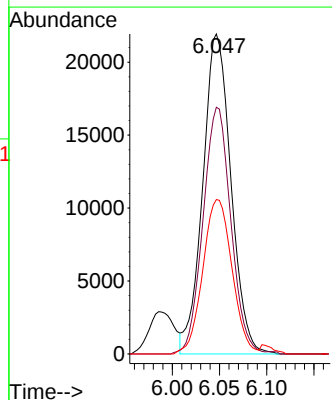
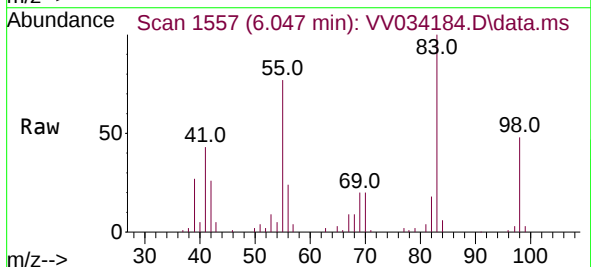
Instrument :
MSVOA_V
ClientSampleId :

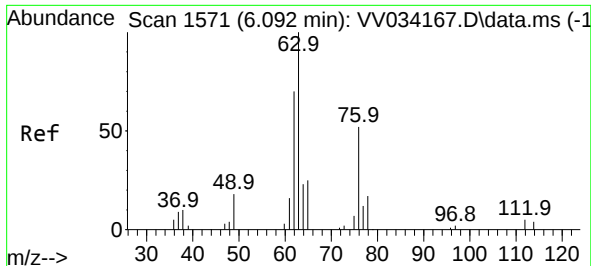
Tgt Ion: 95 Resp: 29344
Ion Ratio Lower Upper
95 100
97 63.8 45.1 83.7
132 93.1 66.0 122.6
130 100.4 72.2 134.0



#35
Methylcyclohexane
Concen: 4.887 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

Tgt Ion: 83 Resp: 45526
Ion Ratio Lower Upper
83 100
55 76.0 63.5 95.3
98 49.9 39.0 58.4

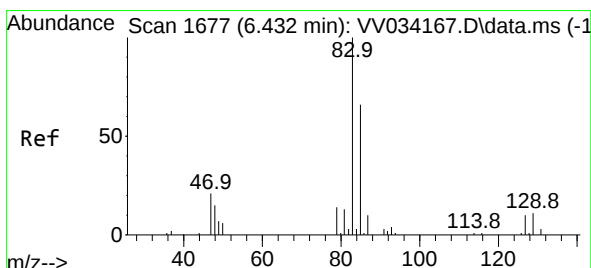
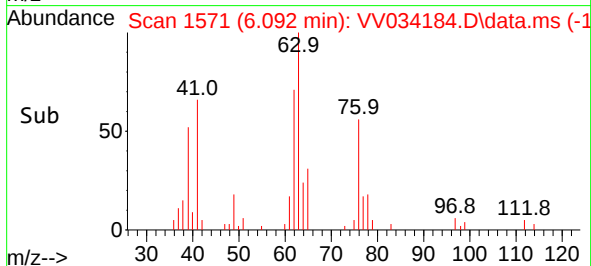
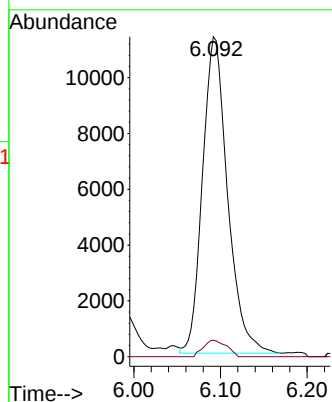
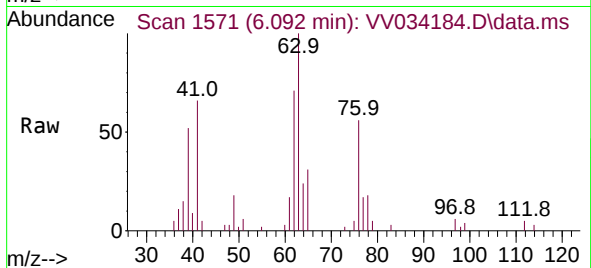




#37
1,2-Dichloropropane
Concen: 4.591 ug/L
RT: 6.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

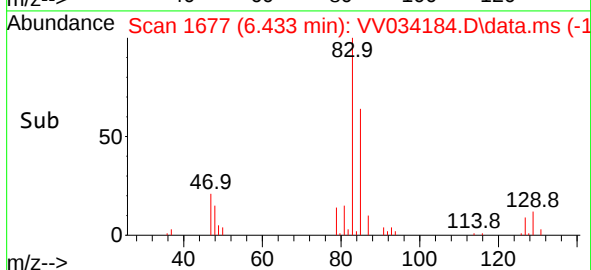
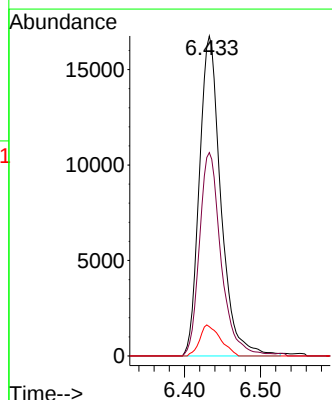
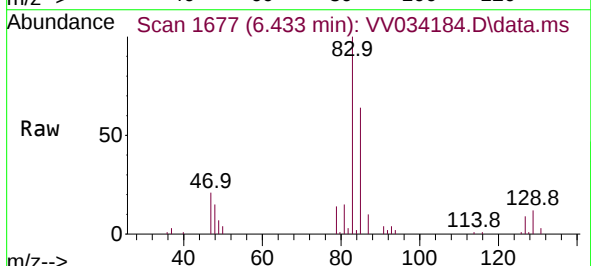
Instrument :
MSVOA_V
ClientSampleId :

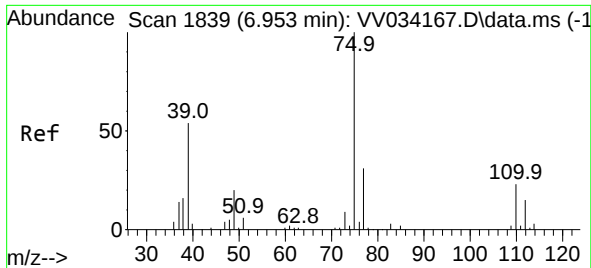
Tgt Ion: 63 Resp: 22805
Ion Ratio Lower Upper
63 100
112 4.8 3.4 5.0



#38
Bromodichloromethane
Concen: 5.057 ug/L
RT: 6.433 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

Tgt Ion: 83 Resp: 32972
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.2
127 9.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.817 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

Instrument :

MSVOA_V

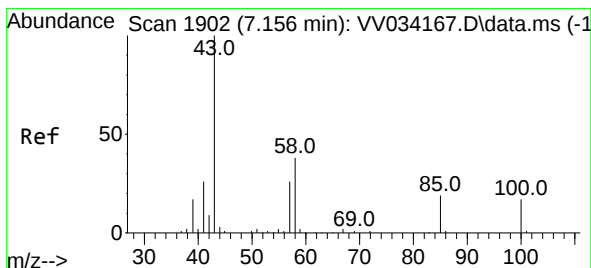
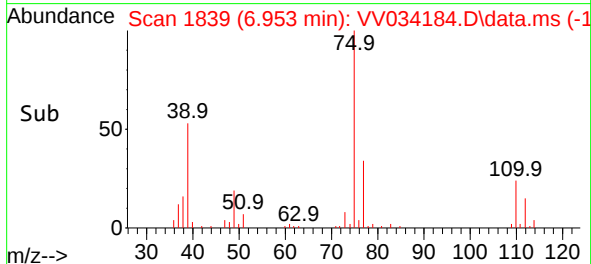
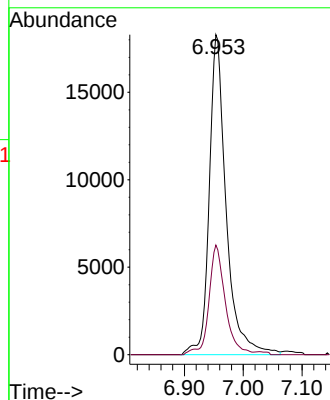
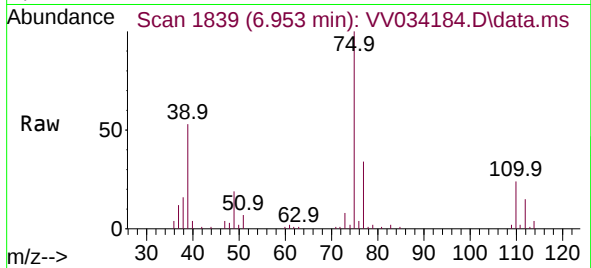
ClientSampleId :

Tgt Ion: 75 Resp: 36411

Ion Ratio Lower Upper

75 100

77 34.2 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 45.897 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

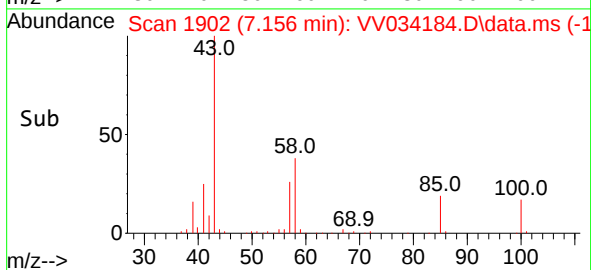
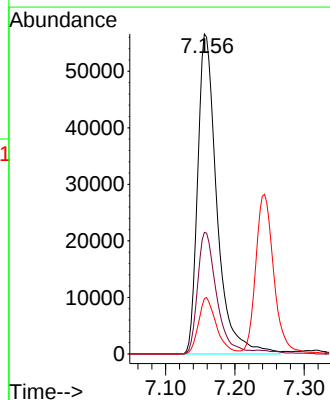
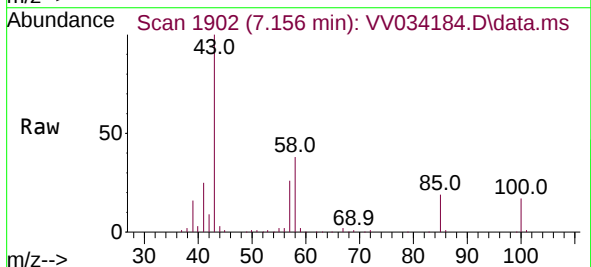
Tgt Ion: 43 Resp: 109177

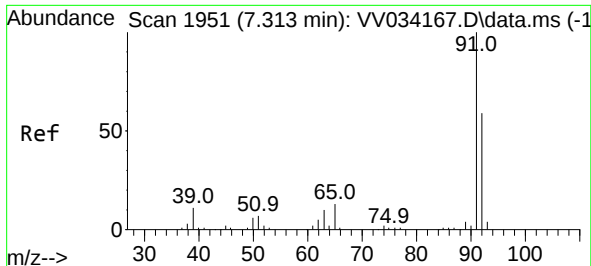
Ion Ratio Lower Upper

43 100

58 37.8 30.2 45.2

100 16.6 12.1 18.1





#42

Toluene

Concen: 5.124 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

Instrument :

MSVOA_V

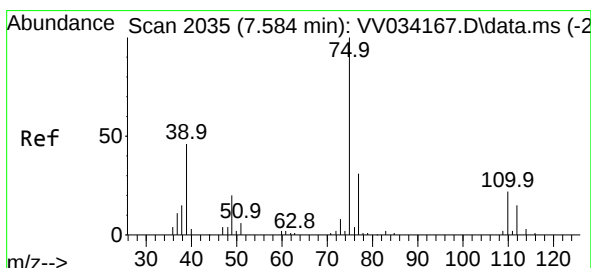
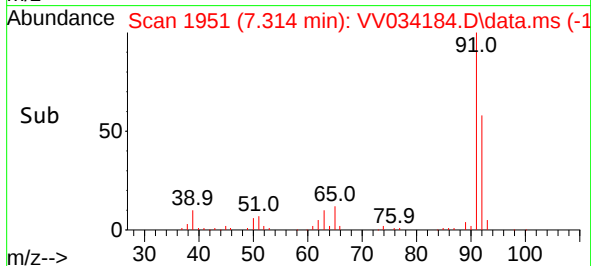
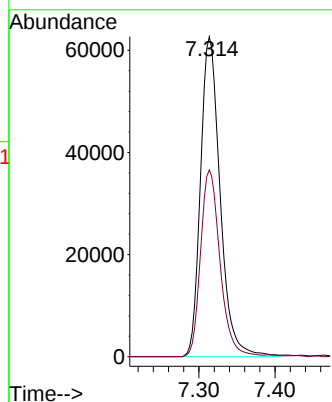
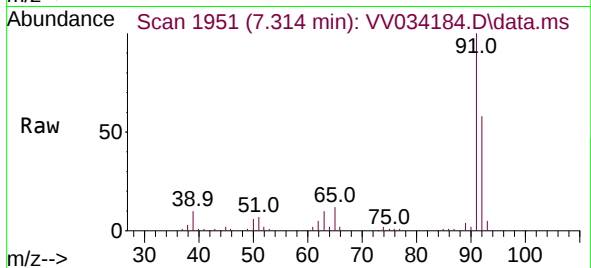
ClientSampleId :

Tgt Ion: 91 Resp: 112301

Ion Ratio Lower Upper

91 100

92 58.4 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.990 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034184.D

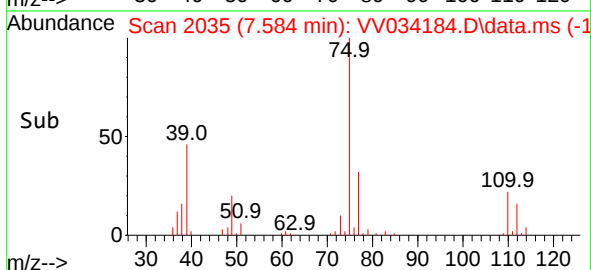
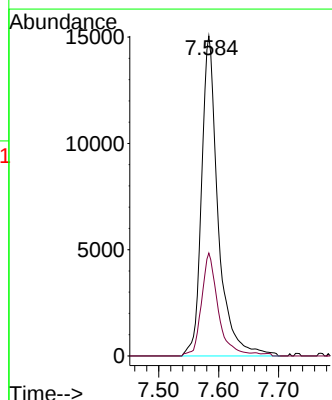
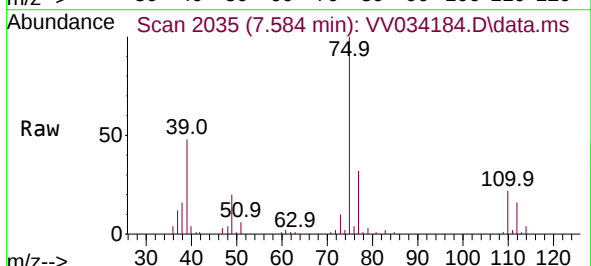
Acq: 15 Feb 2024 12:06

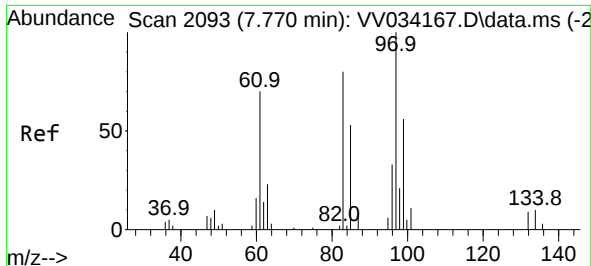
Tgt Ion: 75 Resp: 28958

Ion Ratio Lower Upper

75 100

77 32.1 22.2 41.2

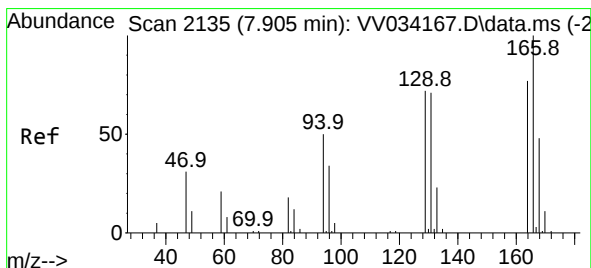
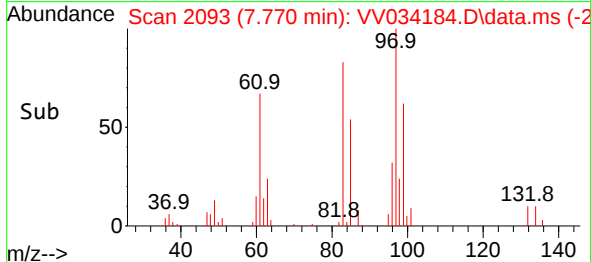
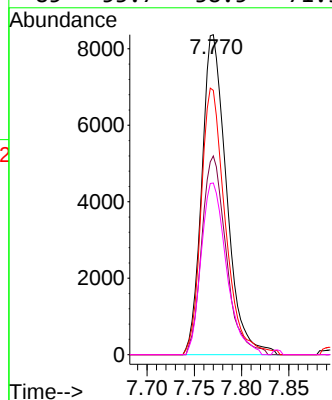
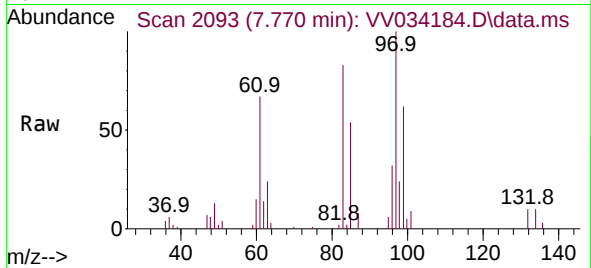




#45
1,1,2-Trichloroethane
Concen: 4.963 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

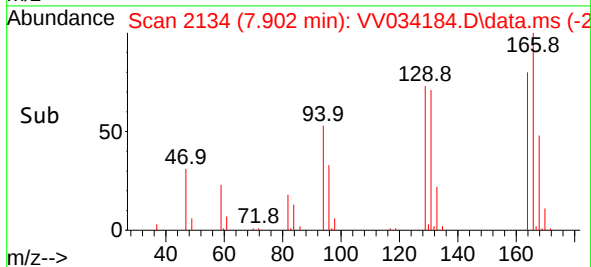
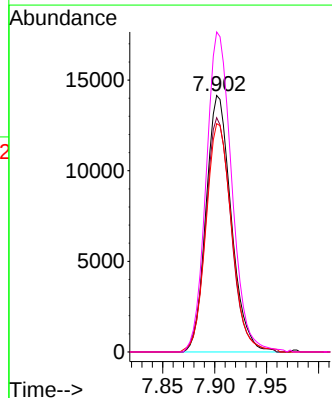
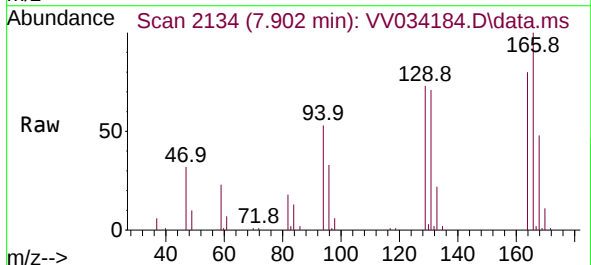
Instrument :
MSVOA_V
ClientSampleId :

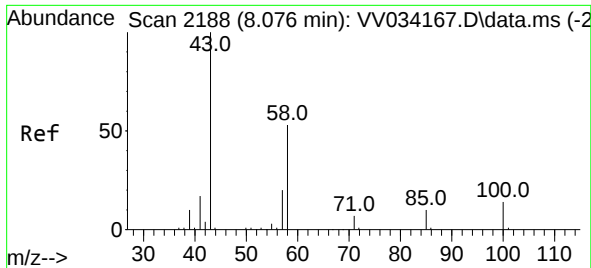
Tgt Ion:	97	Resp:	15222
Ion	Ratio	Lower	Upper
97	100		
99	62.1	45.6	84.6
83	82.6	62.3	115.7
85	53.7	38.5	71.5



#47
Tetrachloroethene
Concen: 4.944 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

Tgt Ion:	164	Resp:	23841
Ion	Ratio	Lower	Upper
164	100		
129	91.3	67.8	125.8
131	89.0	63.0	117.0
166	124.8	92.6	172.0

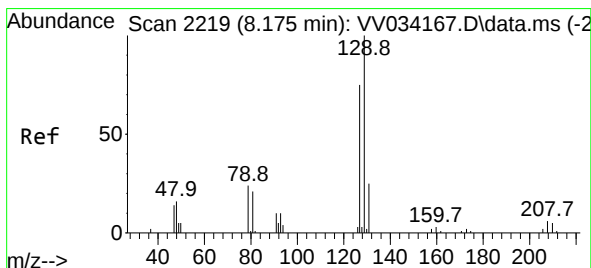
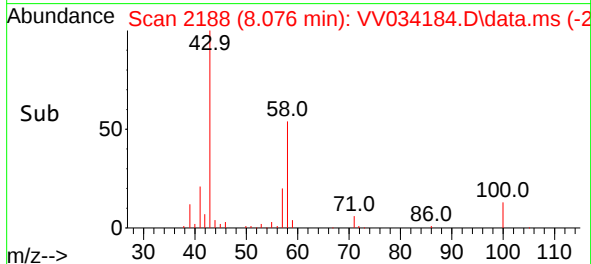
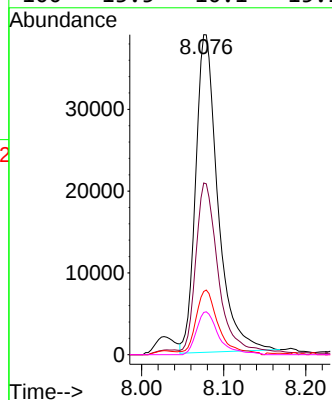
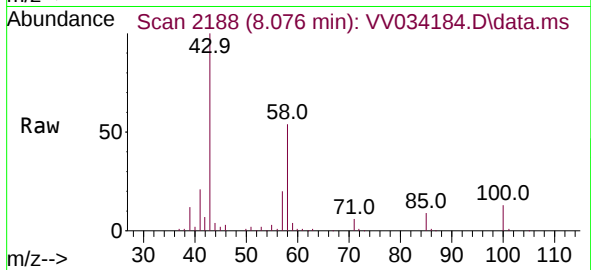




#48
2-Hexanone
Concen: 43.683 ug/L
RT: 8.076 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

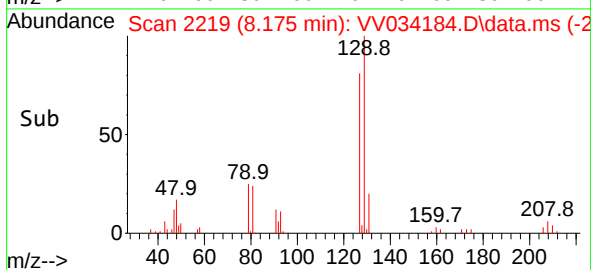
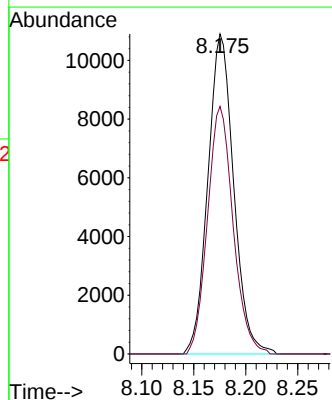
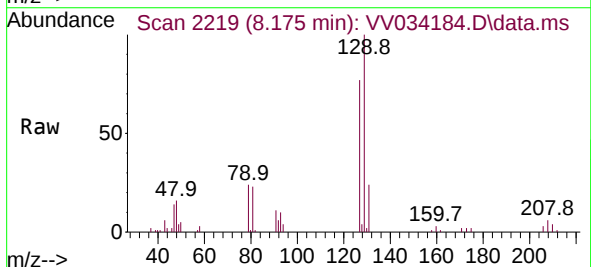
Instrument :
MSVOA_V
ClientSampleId :

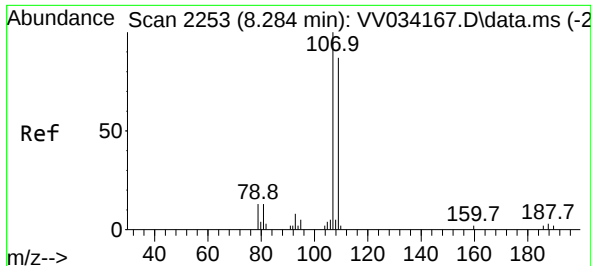
Tgt Ion:	43	Resp:	73245
Ion	Ratio	Lower	Upper
43	100		
58	54.7	42.6	64.0
57	20.7	15.5	23.3
100	13.5	10.1	15.1



#49
Dibromochloromethane
Concen: 5.159 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

Tgt Ion:	129	Resp:	18803
Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.5	99.5





#50

1,2-Dibromoethane

Concen: 5.040 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

Instrument :

MSVOA_V

ClientSampleId :

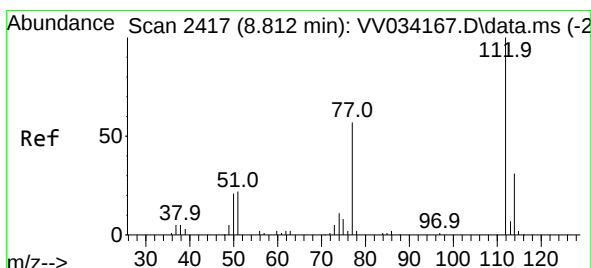
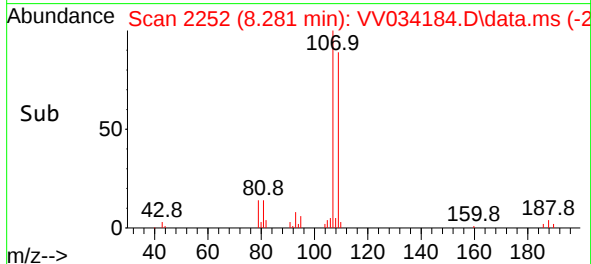
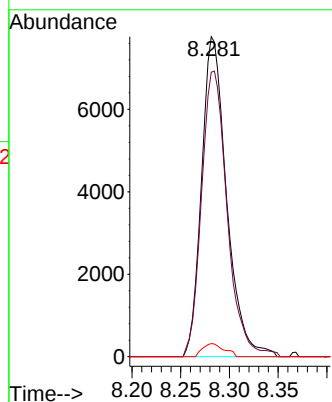
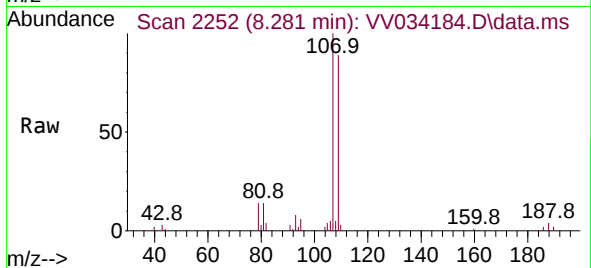
Tgt Ion:107 Resp: 13877

Ion Ratio Lower Upper

107 100

109 88.9 64.5 119.9

188 4.1 2.6 4.0#



#51

Chlorobenzene

Concen: 5.126 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

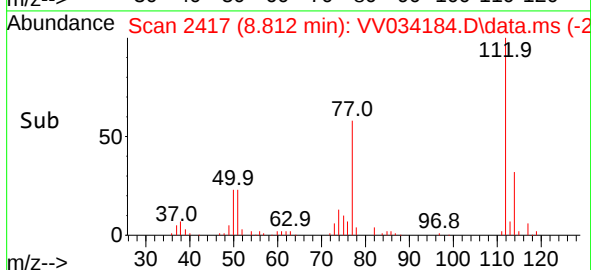
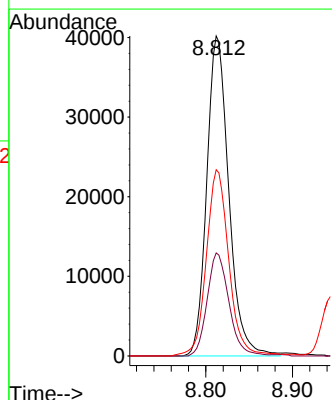
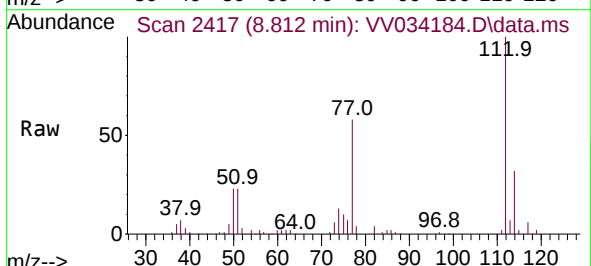
Tgt Ion:112 Resp: 71032

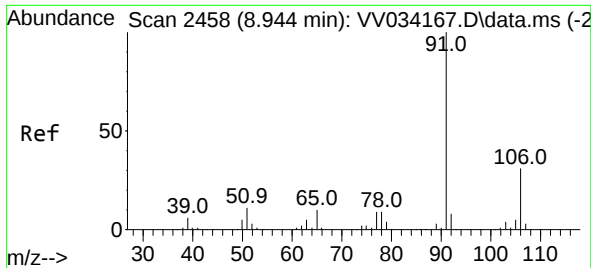
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

77 58.2 48.1 72.1

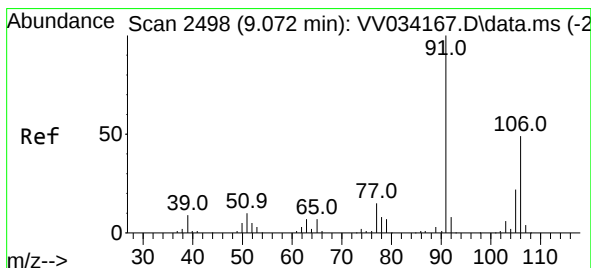
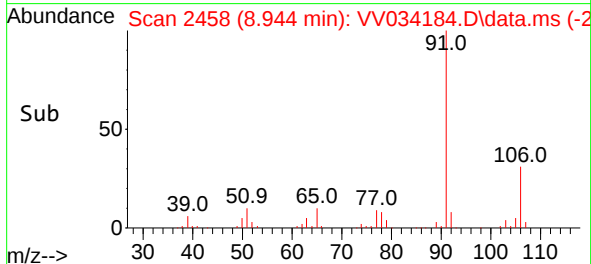
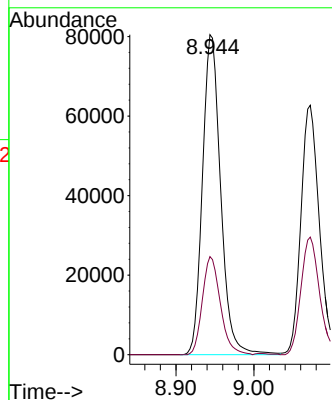
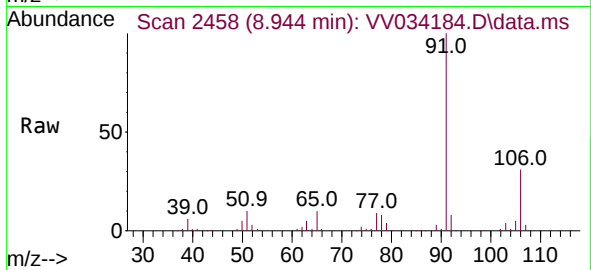




#52
Ethylbenzene
Concen: 5.170 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

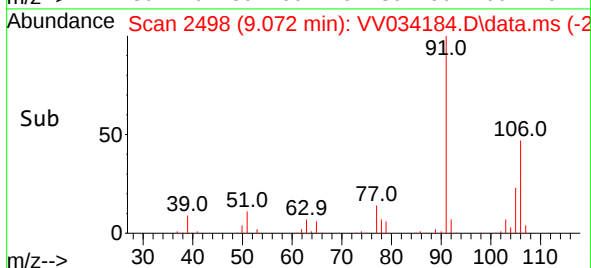
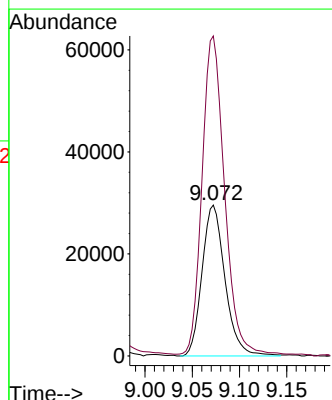
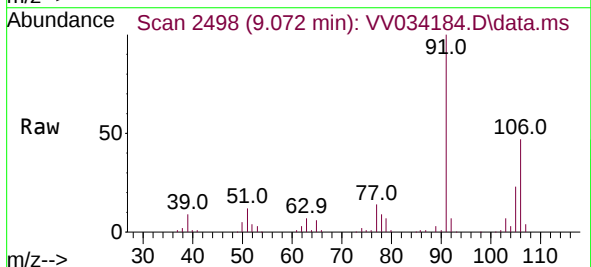
Instrument :
MSVOA_V
ClientSampleId :

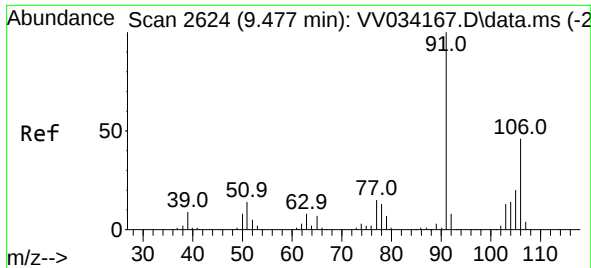
Tgt Ion: 91 Resp: 130429
Ion Ratio Lower Upper
91 100
106 30.7 21.4 39.8



#53
m,p-Xylene
Concen: 5.244 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

Tgt Ion:106 Resp: 49992
Ion Ratio Lower Upper
106 100
91 212.0 147.5 273.9





#54

o-Xylene

Concen: 5.289 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

Instrument :

MSVOA_V

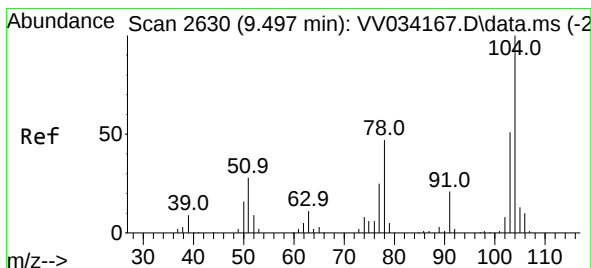
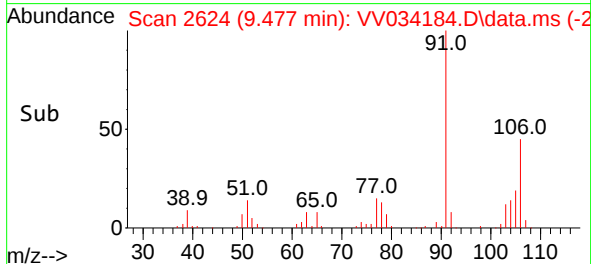
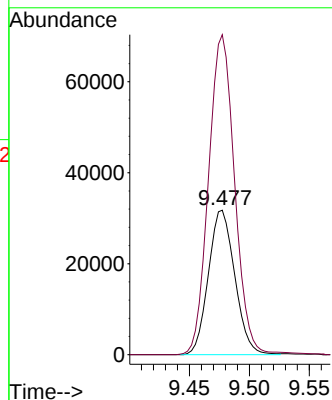
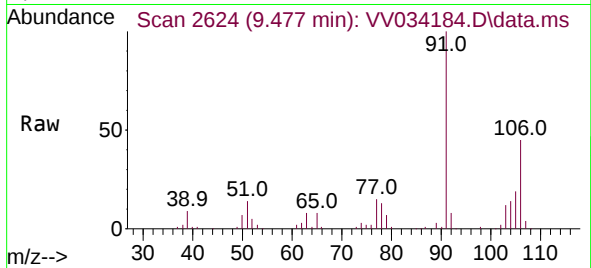
ClientSampleId :

Tgt Ion:106 Resp: 48617

Ion Ratio Lower Upper

106 100

91 221.5 156.2 290.0



#55

Styrene

Concen: 5.367 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.000 min

Lab File: VV034184.D

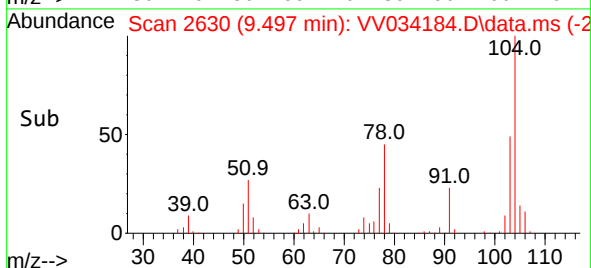
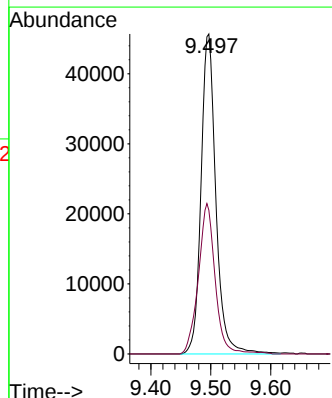
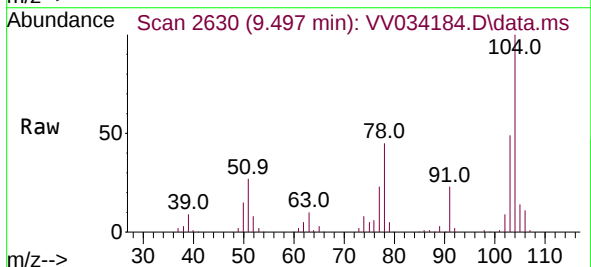
Acq: 15 Feb 2024 12:06

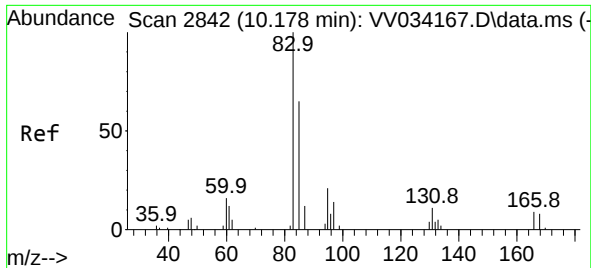
Tgt Ion:104 Resp: 79001

Ion Ratio Lower Upper

104 100

78 45.0 32.9 61.1

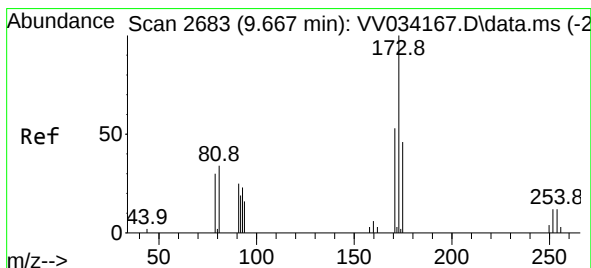
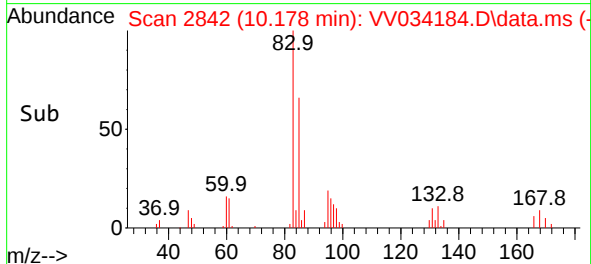
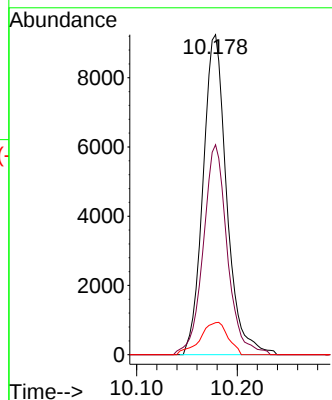
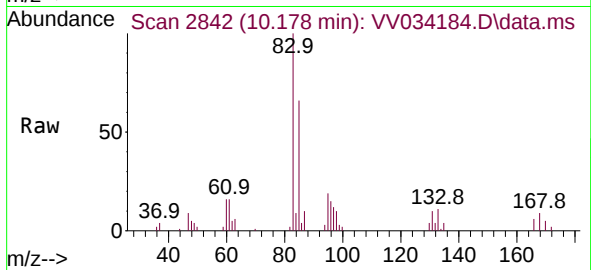




#57
1,1,2,2-Tetrachloroethane
Concen: 4.671 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

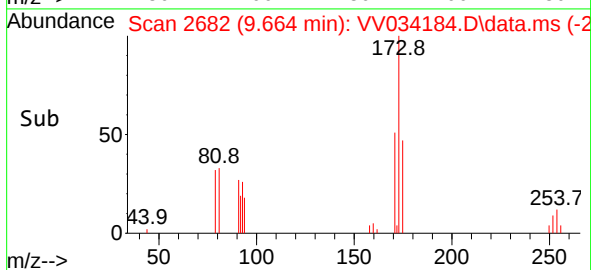
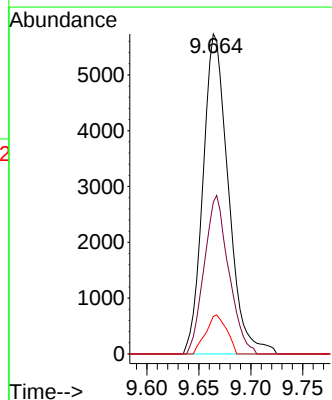
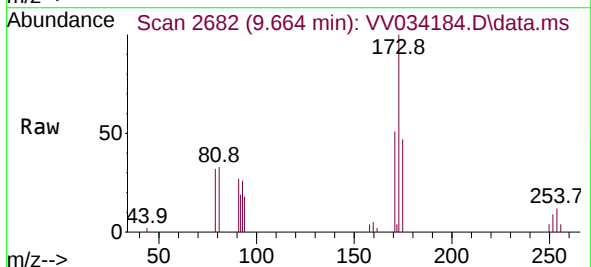
Instrument :
MSVOA_V
ClientSampleId :

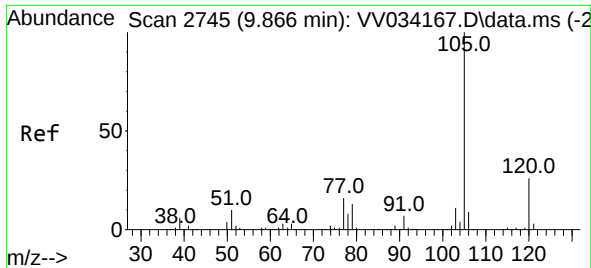
Tgt Ion: 83 Resp: 15121
Ion Ratio Lower Upper
83 100
85 65.6 46.5 86.3
131 10.0 8.4 12.6



#59
Bromoform
Concen: 4.894 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.003 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

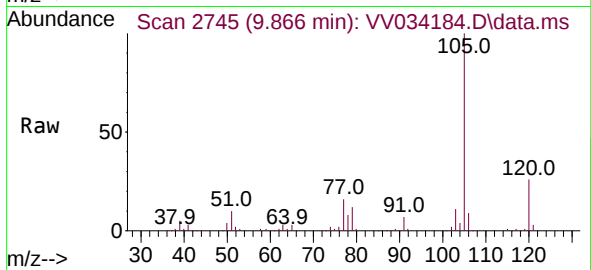
Tgt Ion: 173 Resp: 9732
Ion Ratio Lower Upper
173 100
175 47.9 38.6 57.8
254 10.0 7.2 10.8



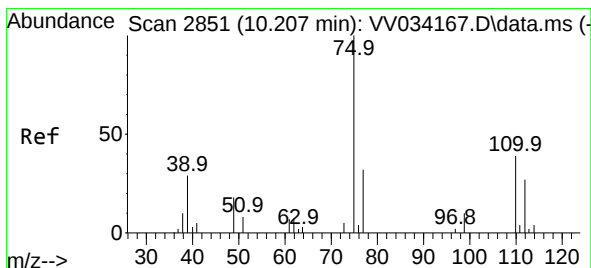
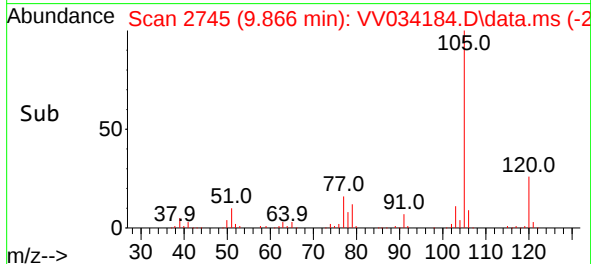
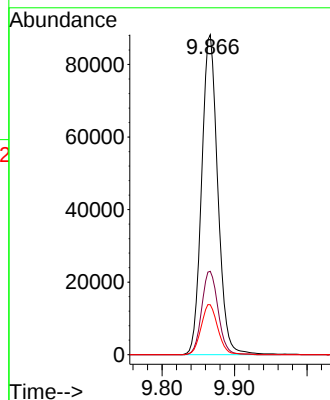


#60
Isopropylbenzene
Concen: 5.099 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

Instrument :
MSVOA_V
ClientSampleId :

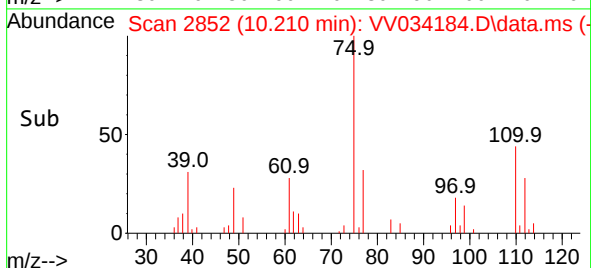
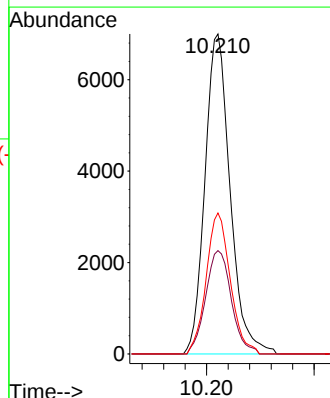
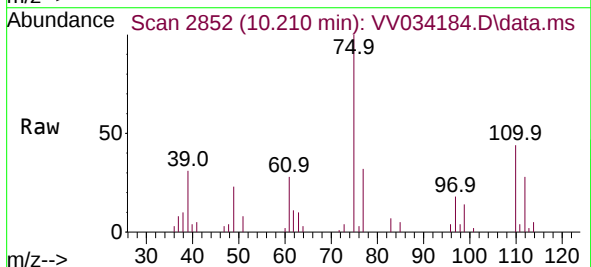


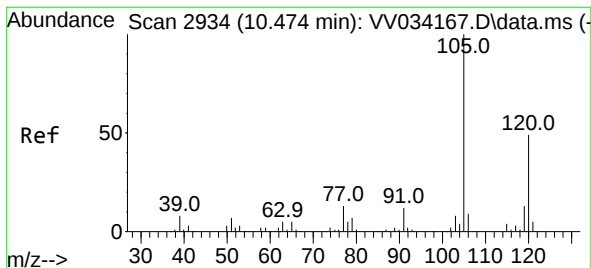
Tgt Ion:105 Resp: 136194
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.582 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

Tgt Ion: 75 Resp: 11371
Ion Ratio Lower Upper
75 100
77 33.0 26.9 40.3
110 42.2 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 5.114 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

Instrument :

MSVOA_V

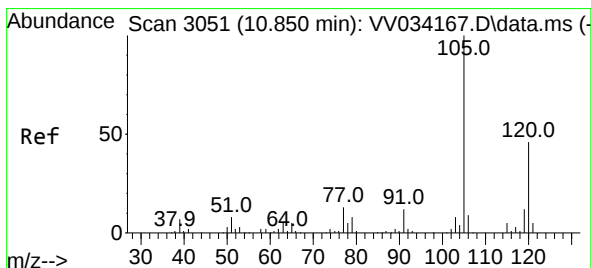
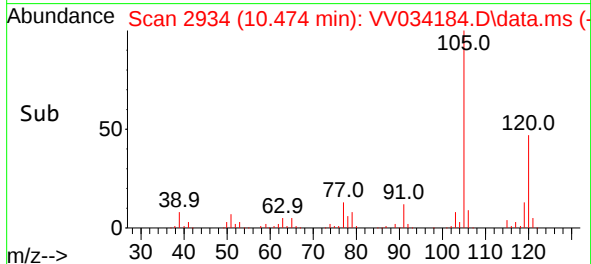
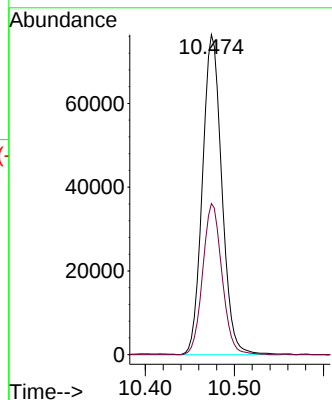
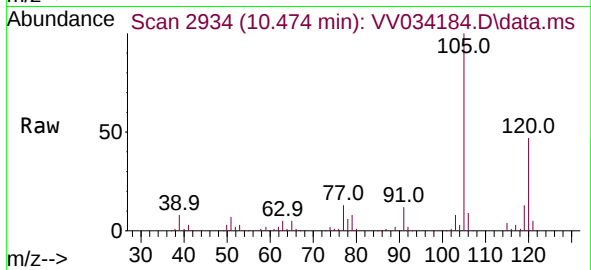
ClientSampleId :

Tgt Ion:105 Resp: 115475

Ion Ratio Lower Upper

105 100

120 47.0 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.089 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034184.D

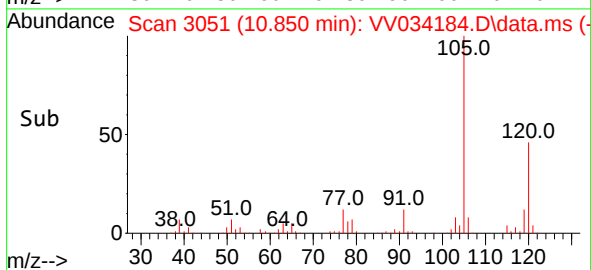
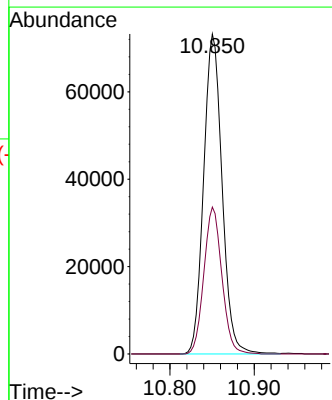
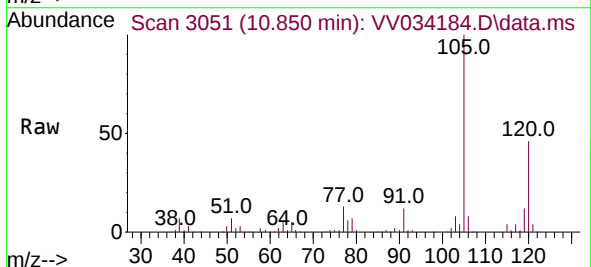
Acq: 15 Feb 2024 12:06

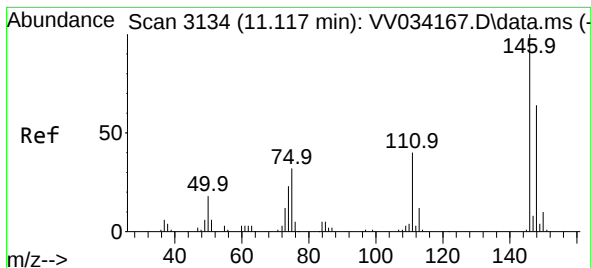
Tgt Ion:105 Resp: 111642

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.111 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

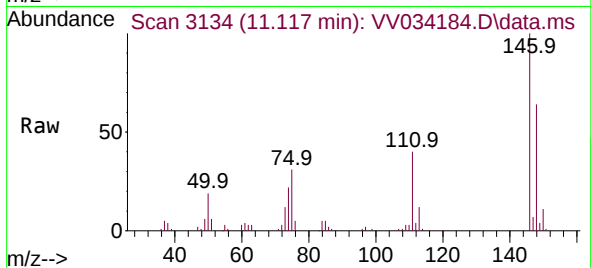
Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

Instrument :

MSVOA_V

ClientSampleId :



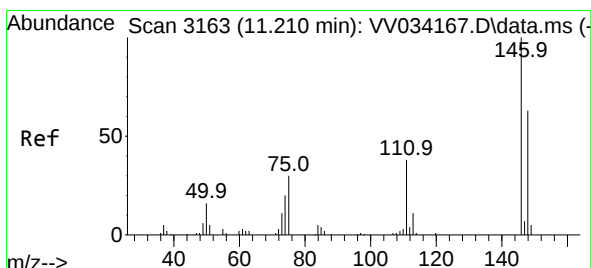
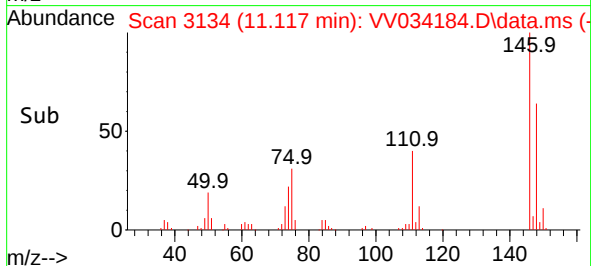
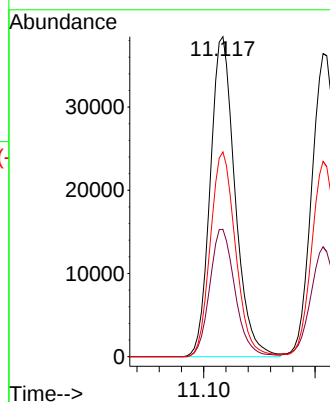
Tgt Ion:146 Resp: 59516

Ion Ratio Lower Upper

146 100

111 39.8 28.5 52.9

148 64.0 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 5.081 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

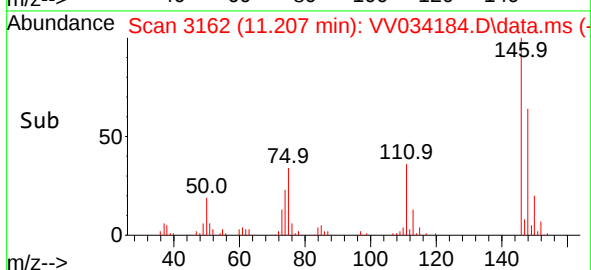
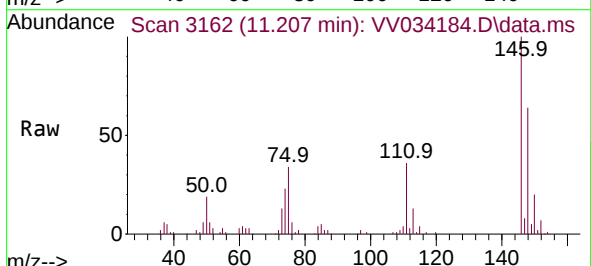
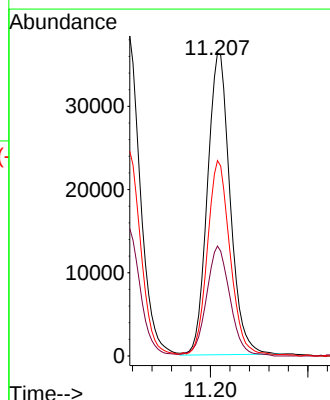
Tgt Ion:146 Resp: 58594

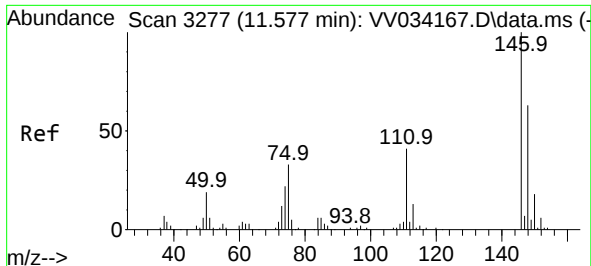
Ion Ratio Lower Upper

146 100

111 36.3 27.6 51.4

148 64.4 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.150 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

Instrument :

MSVOA_V

ClientSampleId :

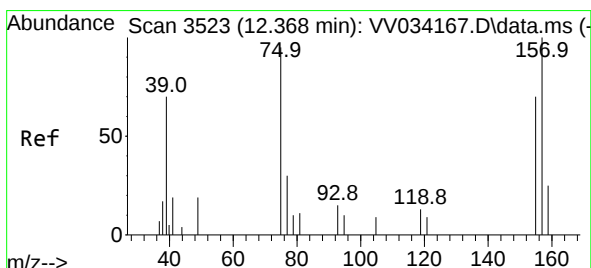
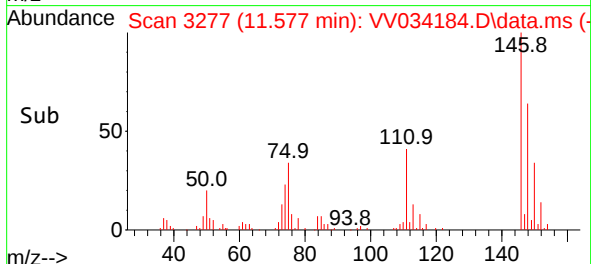
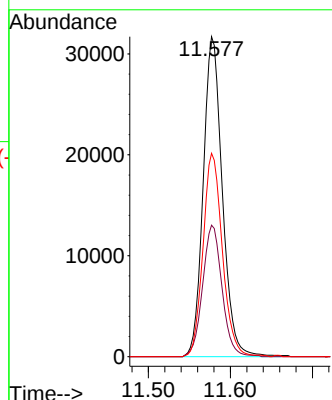
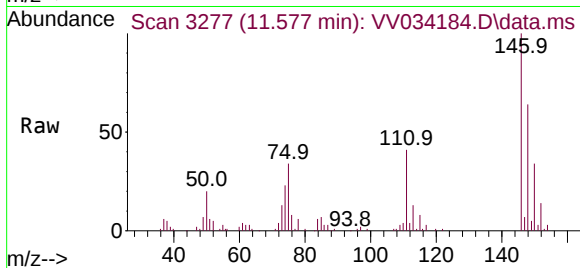
Tgt Ion:146 Resp: 51508

Ion Ratio Lower Upper

146 100

111 41.1 31.2 46.8

148 63.6 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.651 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV034184.D

Acq: 15 Feb 2024 12:06

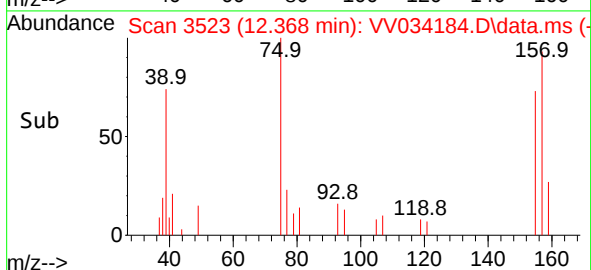
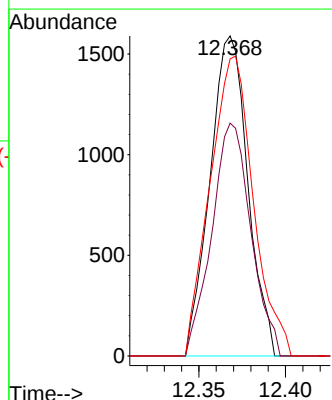
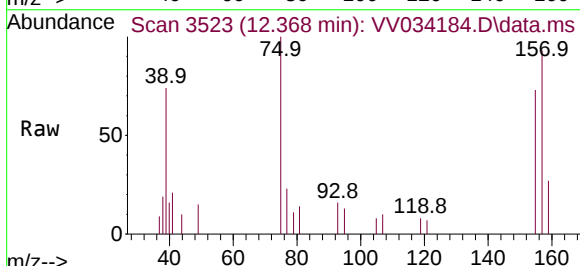
Tgt Ion: 75 Resp: 2419

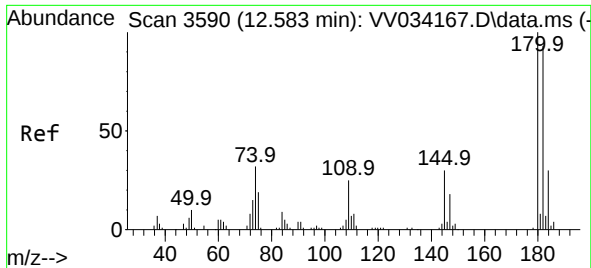
Ion Ratio Lower Upper

75 100

155 72.8 68.9 103.3

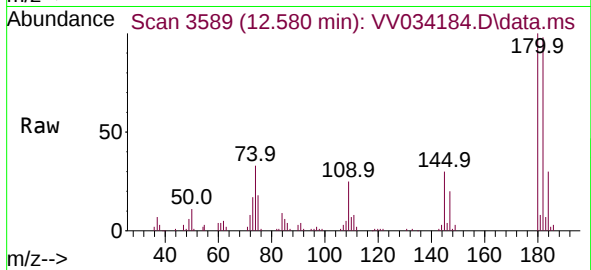
157 92.8 84.6 127.0



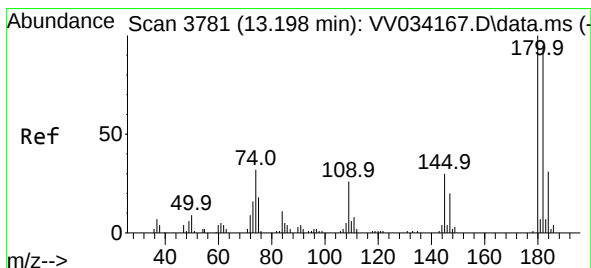
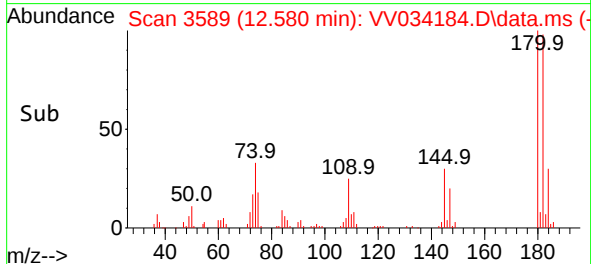
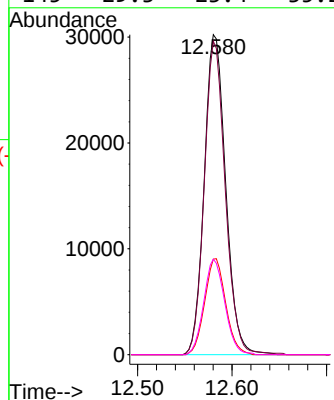


#69
1,3,5-Trichlorobenzene
Concen: 5.282 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. -0.003 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

Instrument :
MSVOA_V
ClientSampleId :

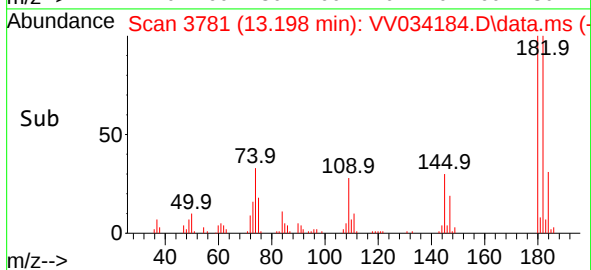
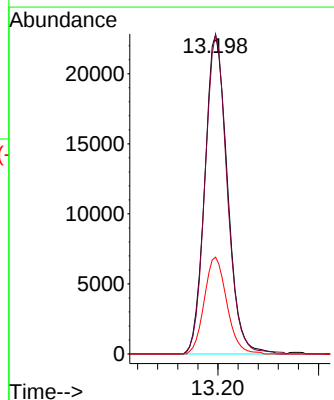
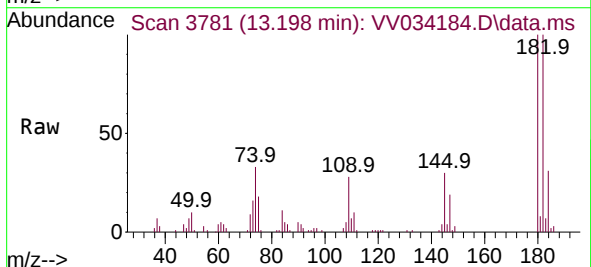


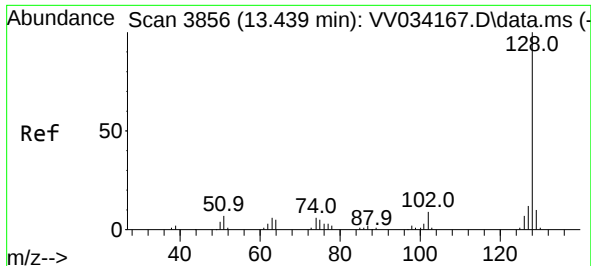
Tgt Ion:180 Resp: 47606
Ion Ratio Lower Upper
180 100
182 95.9 77.0 115.4
184 29.4 23.8 35.6
145 29.3 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 5.061 ug/L
RT: 13.198 min Scan# 3781
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

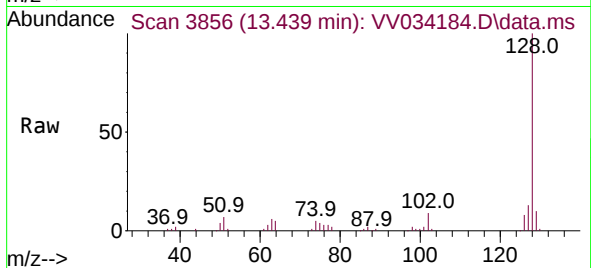
Tgt Ion:180 Resp: 35608
Ion Ratio Lower Upper
180 100
182 98.1 76.8 115.2
145 30.2 24.8 37.2



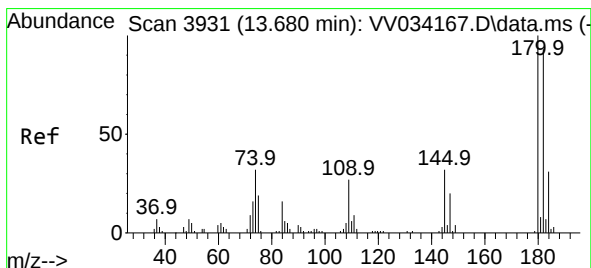
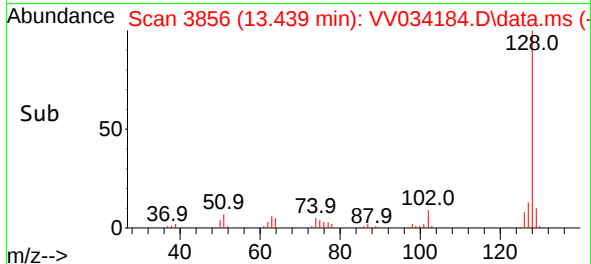
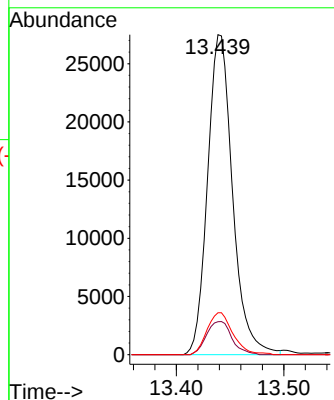


#71
Naphthalene
Concen: 4.820 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 44432
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.6 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.079 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV034184.D
Acq: 15 Feb 2024 12:06

Tgt Ion:180 Resp: 28632
Ion Ratio Lower Upper
180 100
182 93.8 75.0 112.6
145 32.8 25.2 37.8

