

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034635.D
 Acq On : 15 Mar 2024 04:12
 Operator : SY/MD
 Sample : P1751-07MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 06:58:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:40:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	301632	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	276982	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	146740	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	121682	46.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.080%
7) Chloroethane-d5	1.526	69	99138	48.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.340%
11) 1,1-Dichloroethene-d2	2.056	65	56036	47.386	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.780%
21) 2-Butanone-d5	3.789	46	189971	108.639	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.640%
24) Chloroform-d	4.249	84	235443	50.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.860%
26) 1,2-Dichloroethane-d4	4.940	65	149261	49.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
32) Benzene-d6	4.960	84	430812	51.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.080%
36) 1,2-Dichloropropane-d6	5.989	67	131092	51.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.780%
41) Toluene-d8	7.243	98	387314	51.199	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	7.551	79	61176	47.753	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.500%
47) 2-Hexanone-d5	8.024	63	134301	105.423	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.420%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	183593	54.686	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.380%
66) 1,2-Dichlorobenzene-d4	11.561	152	146970	49.000	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	149407	47.222	ug/L	99
3) Chloromethane	1.214	50	146261	47.046	ug/L	100
5) Vinyl chloride	1.281	62	145204	48.116	ug/L	99
6) Bromomethane	1.484	94	80561	44.493	ug/L	95
8) Chloroethane	1.545	64	88447	49.310	ug/L	100
9) Trichlorofluoromethane	1.709	101	218190	48.280	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	116147	47.685	ug/L	97
12) 1,1-Dichloroethene	2.066	96	107940	47.790	ug/L	89
13) Acetone	2.117	43	222388	105.791	ug/L	99
14) Carbon disulfide	2.240	76	314010	50.095	ug/L	99
15) Methyl Acetate	2.371	43	123883	46.064	ug/L	98
16) Methylene chloride	2.445	84	126586	52.837	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	110550	50.570	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	423615	53.960	ug/L	100
19) 1,1-Dichloroethane	3.111	63	234262	54.703	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	128049	53.986	ug/L	97
22) 2-Butanone	3.870	43	201152	96.902	ug/L	98
23) Bromochloromethane	4.143	128	66874	54.524	ug/L	93
25) Chloroform	4.275	83	236436	53.267	ug/L	99

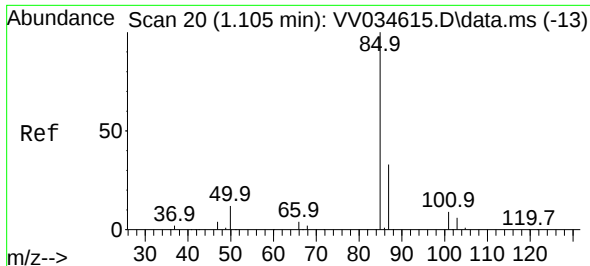
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034635.D
 Acq On : 15 Mar 2024 04:12
 Operator : SY/MD
 Sample : P1751-07MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 06:58:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:40:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	187703	52.049	ug/L	98
29) Cyclohexane	4.580	56	182942	50.214	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	206715	52.045	ug/L	100
31) Carbon tetrachloride	4.735	117	183490	52.179	ug/L	97
33) Benzene	5.008	78	460561	53.569	ug/L	100
34) Trichloroethene	5.831	95	120325	49.235	ug/L	97
35) Methylcyclohexane	6.050	83	184510	49.662	ug/L	98
37) 1,2-Dichloropropane	6.092	63	123818	55.008	ug/L	100
38) Bromodichloromethane	6.432	83	168307	53.158	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	182910	50.155	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	380838	114.741	ug/L	99
42) Toluene	7.313	91	485410	53.347	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	180851	51.561	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	121497	55.942	ug/L	100
46) Tetrachloroethene	7.905	164	90451	49.767	ug/L	98
48) 2-Hexanone	8.072	43	297605	112.524	ug/L	98
49) Dibromochloromethane	8.175	129	124788	54.448	ug/L	100
50) 1,2-Dibromoethane	8.281	107	127094	55.147	ug/L #	97
51) Chlorobenzene	8.812	112	307478	52.271	ug/L	100
52) Ethylbenzene	8.947	91	539539	52.919	ug/L	98
53) m,p-Xylene	9.072	106	200683	51.870	ug/L	99
54) o-Xylene	9.477	106	201772	53.258	ug/L	99
55) Styrene	9.493	104	346047	53.947	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	191965	58.849	ug/L	99
59) Bromoform	9.664	173	86152	52.954	ug/L	98
60) Isopropylbenzene	9.866	105	544261	52.443	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	156901	56.014	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	454101	51.871	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	451378	52.131	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	244855	51.028	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	246250	50.535	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	242033	50.337	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	46170	55.333	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	168839	46.903	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	152789	47.170	ug/L	99
71) Naphthalene	13.438	128	439229	50.694	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	159578	50.502	ug/L	100

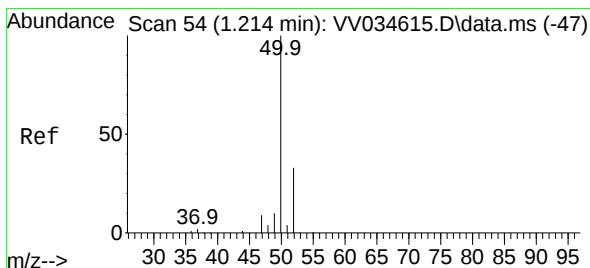
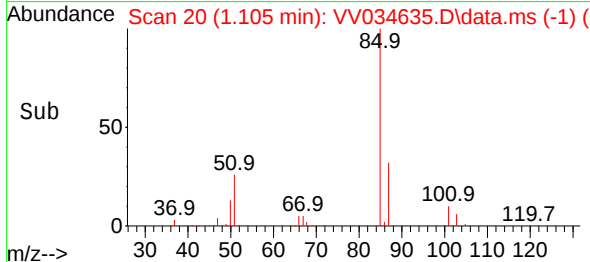
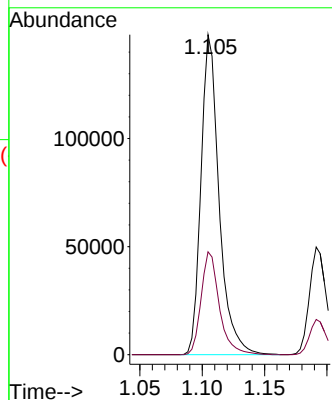
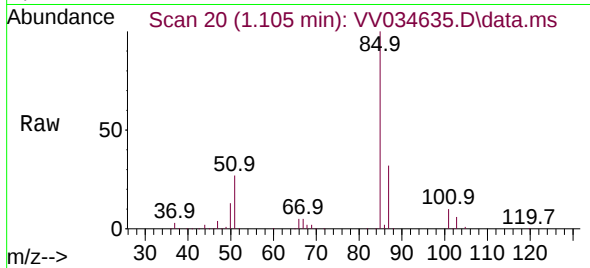
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 47.222 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV034635.D
 Acq: 15 Mar 2024 04:12

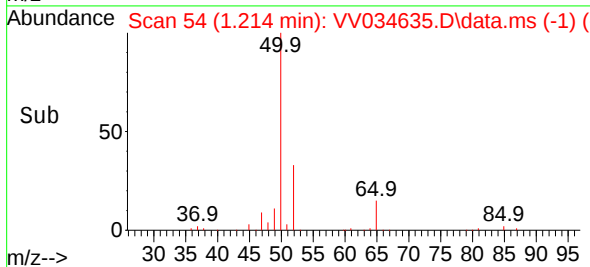
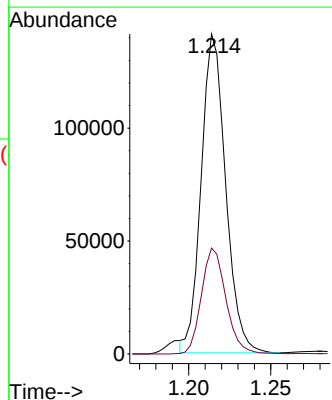
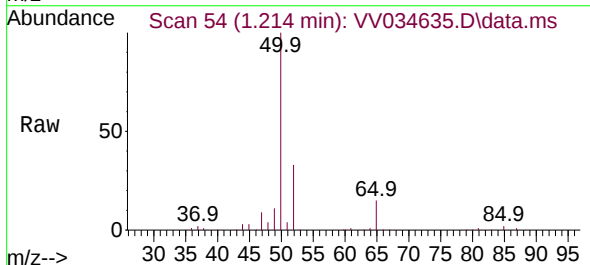
Instrument :
 MSVOA_V
 ClientSampleId :

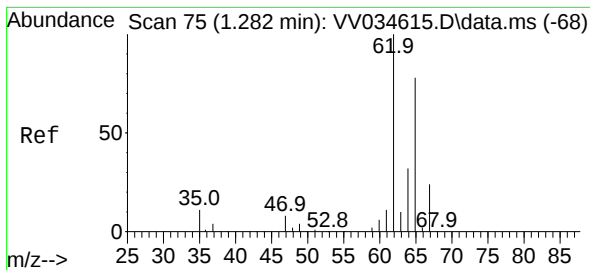
Tgt Ion: 85 Resp: 149407
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.5 38.3



#3
 Chloromethane
 Concen: 47.046 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV034635.D
 Acq: 15 Mar 2024 04:12

Tgt Ion: 50 Resp: 146261
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.8





#5

Vinyl chloride

Concen: 48.116 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

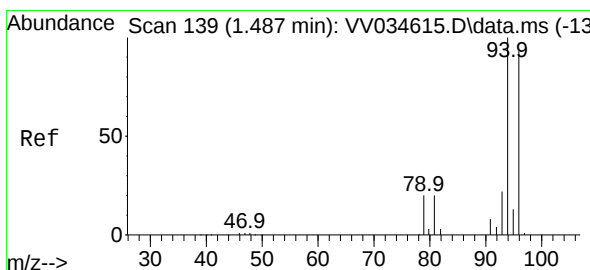
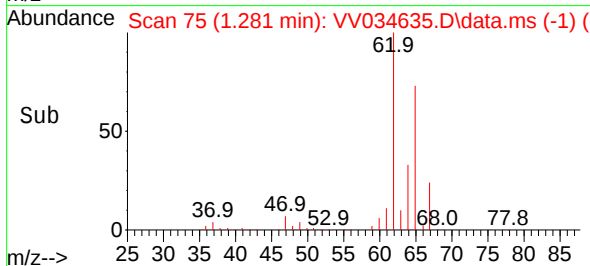
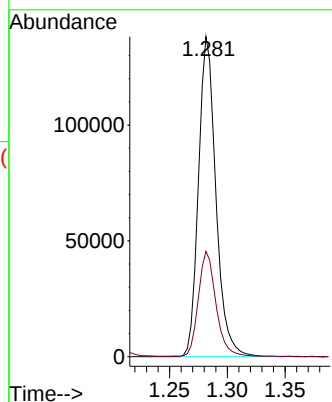
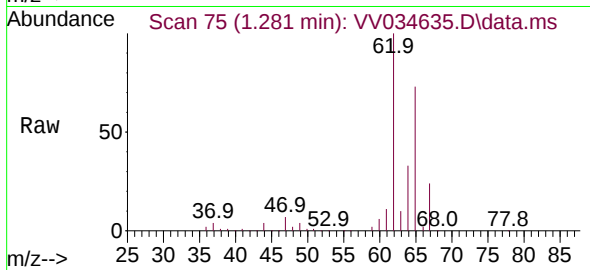
ClientSampleId :

Tgt Ion: 62 Resp: 145204

Ion Ratio Lower Upper

62 100

64 32.9 23.4 43.6



#6

Bromomethane

Concen: 44.493 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV034635.D

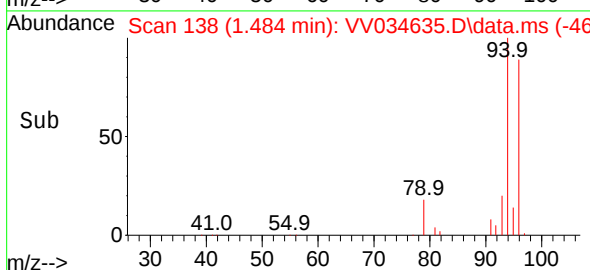
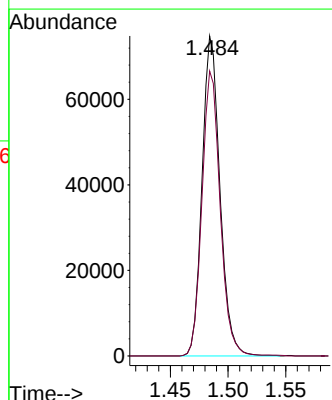
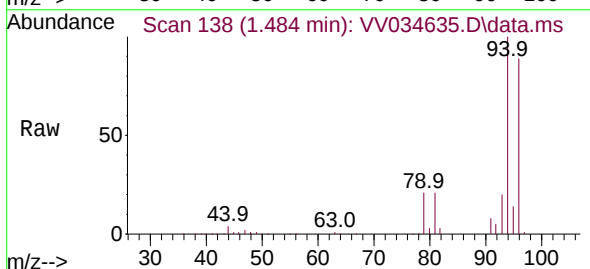
Acq: 15 Mar 2024 04:12

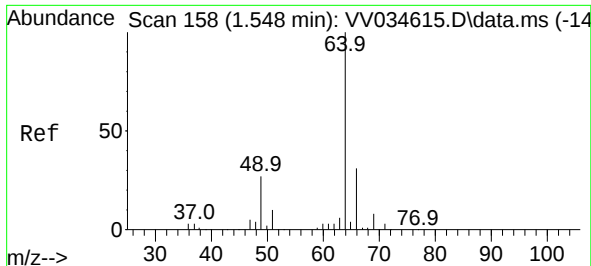
Tgt Ion: 94 Resp: 80561

Ion Ratio Lower Upper

94 100

96 89.1 66.0 122.6





#8

Chloroethane

Concen: 49.310 ug/L

RT: 1.545 min Scan# 158

Delta R.T. -0.003 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

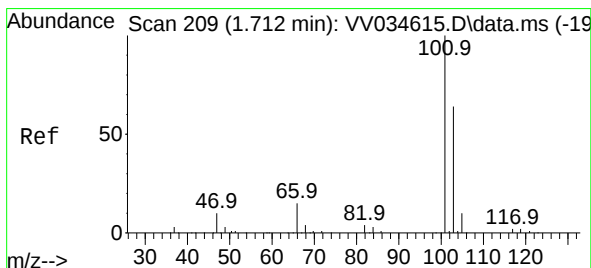
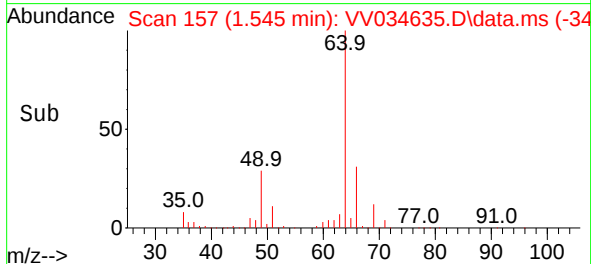
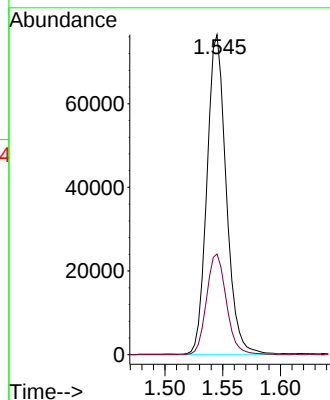
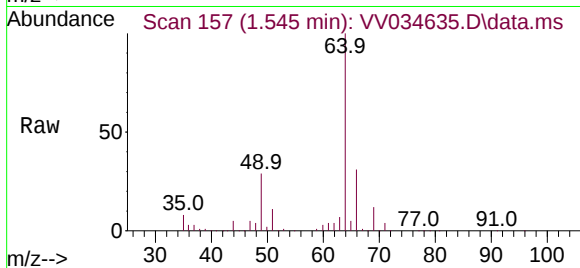
ClientSampleId :

Tgt Ion: 64 Resp: 88447

Ion Ratio Lower Upper

64 100

66 31.4 22.0 40.8



#9

Trichlorofluoromethane

Concen: 48.280 ug/L

RT: 1.709 min Scan# 208

Delta R.T. -0.003 min

Lab File: VV034635.D

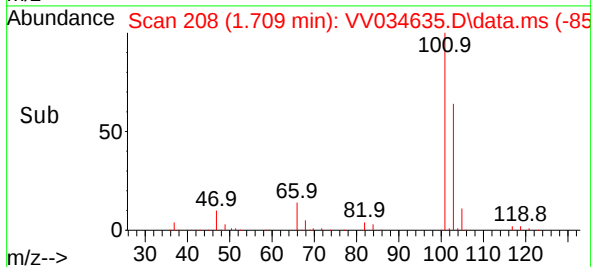
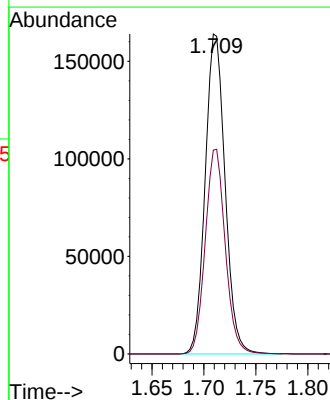
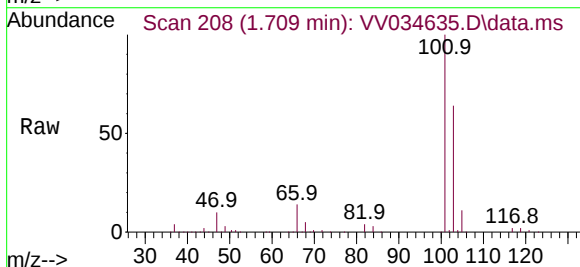
Acq: 15 Mar 2024 04:12

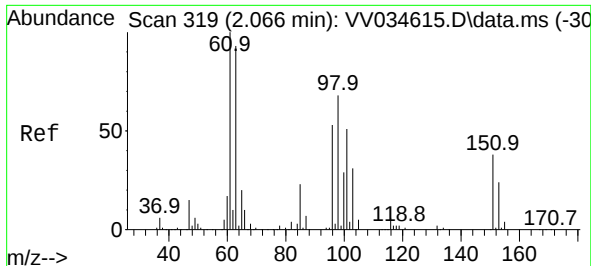
Tgt Ion:101 Resp: 218190

Ion Ratio Lower Upper

101 100

103 64.5 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 47.685 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

ClientSampleId :

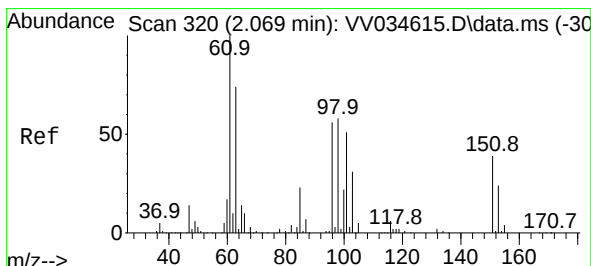
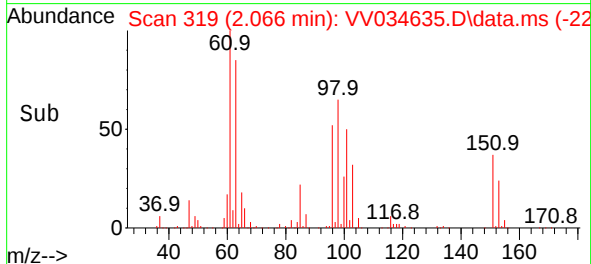
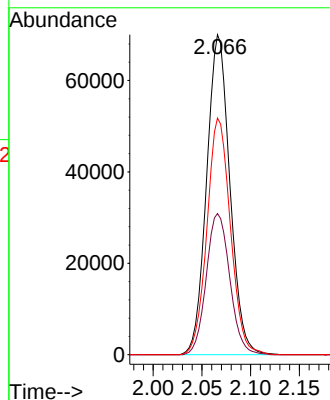
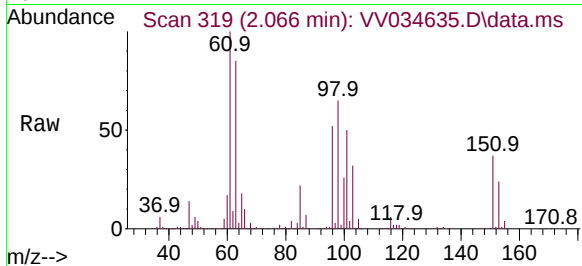
Tgt Ion:101 Resp: 116147

Ion Ratio Lower Upper

101 100

85 44.6 37.4 56.0

151 74.8 61.4 92.2



#12

1,1-Dichloroethene

Concen: 47.790 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

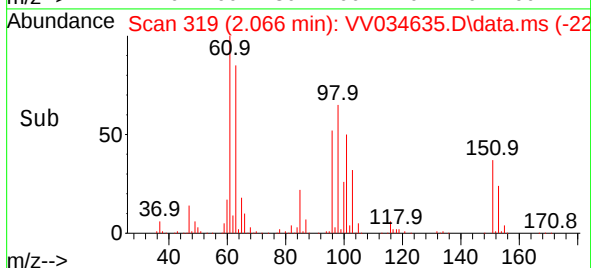
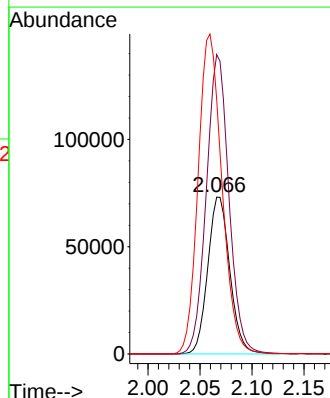
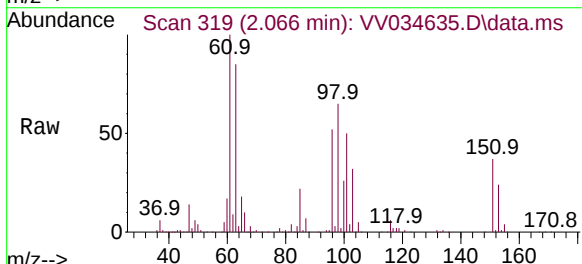
Tgt Ion: 96 Resp: 107940

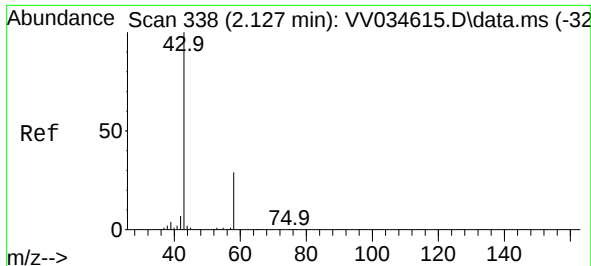
Ion Ratio Lower Upper

96 100

61 190.9 128.9 239.3

63 162.2 98.0 182.0





#13

Acetone

Concen: 105.791 ug/L

RT: 2.117 min Scan# 338

Delta R.T. -0.010 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

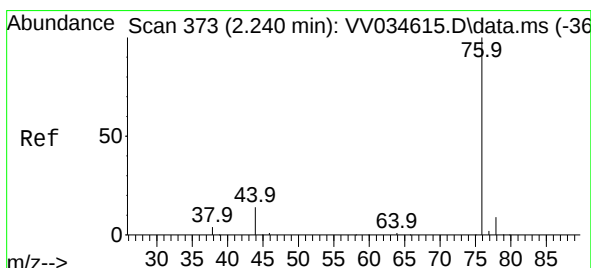
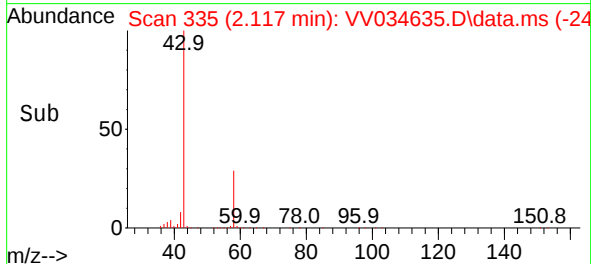
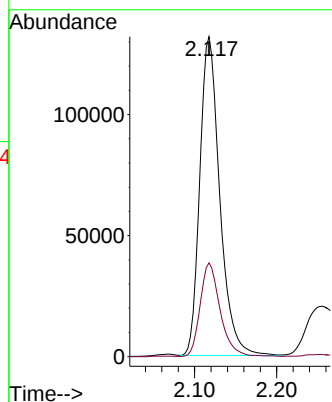
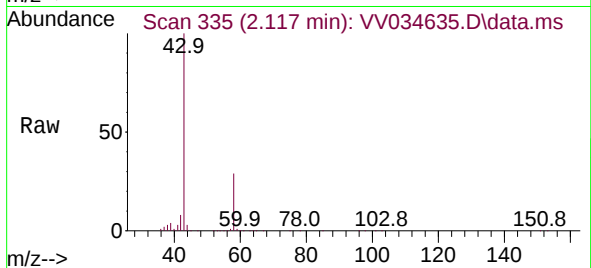
ClientSampleId :

Tgt Ion: 43 Resp: 222388

Ion Ratio Lower Upper

43 100

58 29.2 0.0 57.2



#14

Carbon disulfide

Concen: 50.095 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034635.D

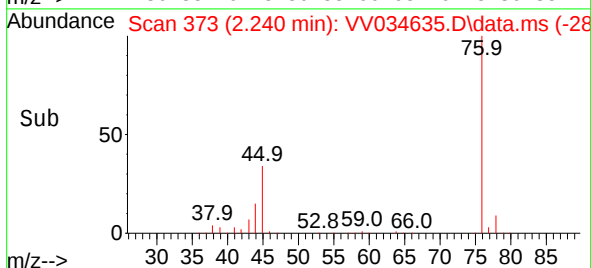
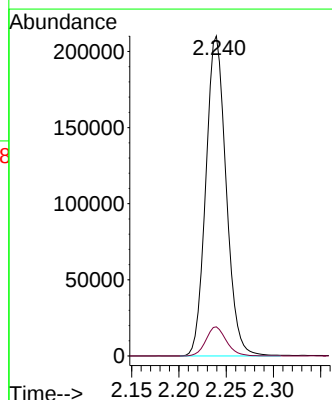
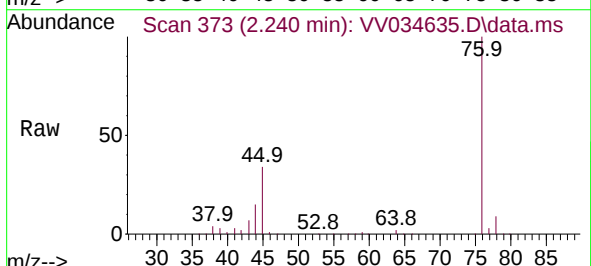
Acq: 15 Mar 2024 04:12

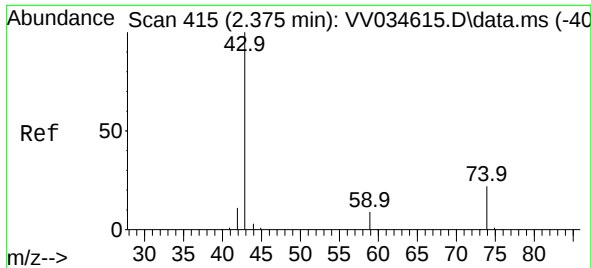
Tgt Ion: 76 Resp: 314010

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 46.064 ug/L

RT: 2.371 min Scan# 415

Delta R.T. -0.003 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

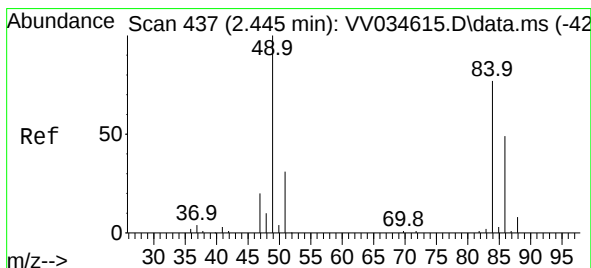
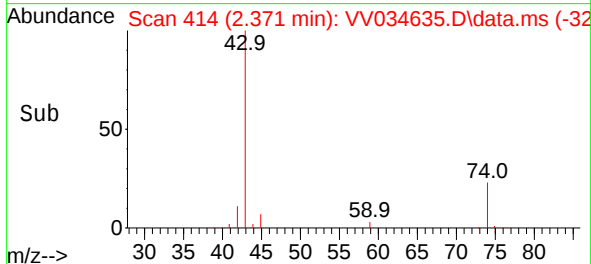
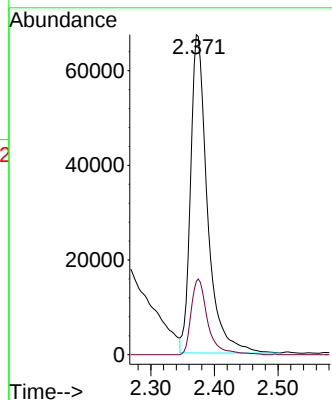
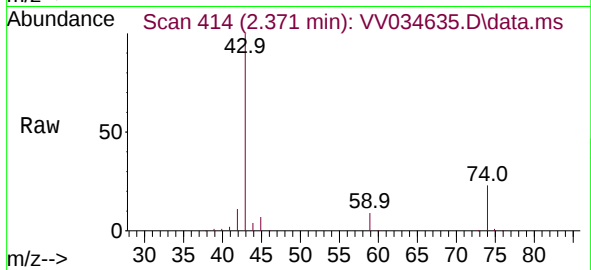
ClientSampleId :

Tgt Ion: 43 Resp: 123883

Ion Ratio Lower Upper

43 100

74 23.4 17.8 26.8



#16

Methylene chloride

Concen: 52.837 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

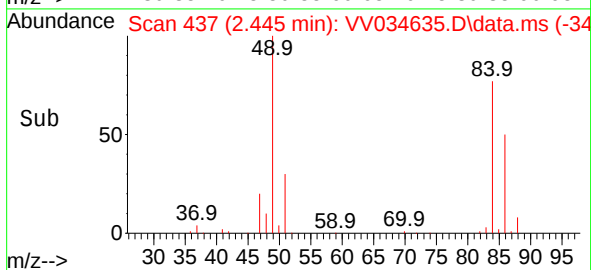
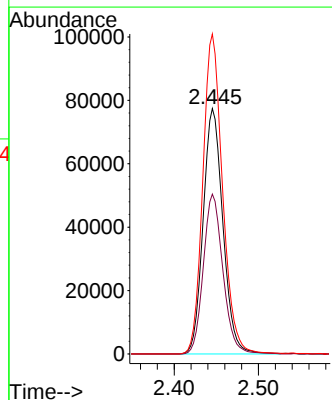
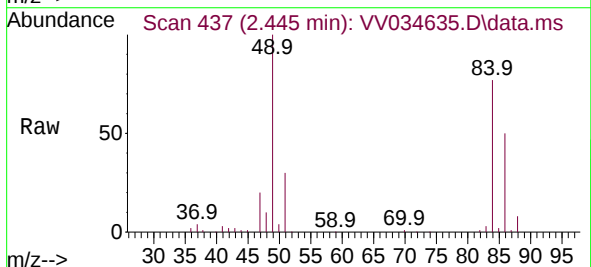
Tgt Ion: 84 Resp: 126586

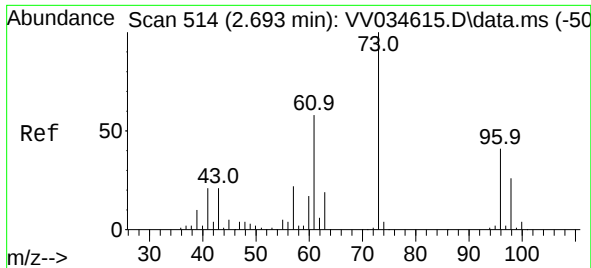
Ion Ratio Lower Upper

84 100

86 65.1 45.6 84.6

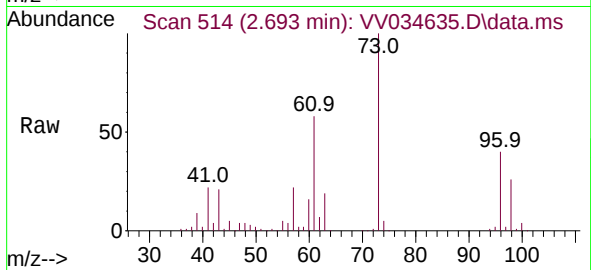
49 130.4 92.3 171.3



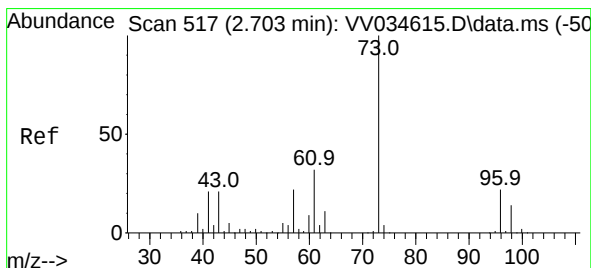
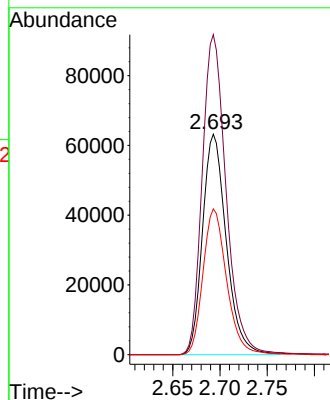
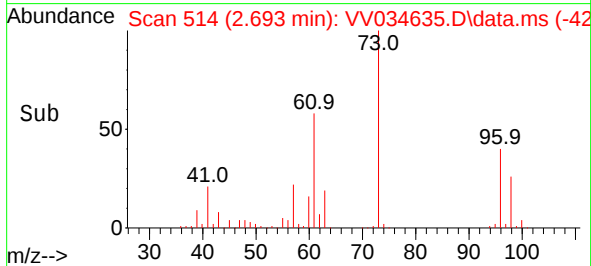


#17
trans-1,2-Dichloroethene
Concen: 50.570 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Instrument :
MSVOA_V
ClientSampleId :

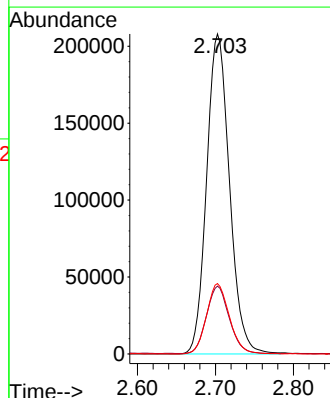
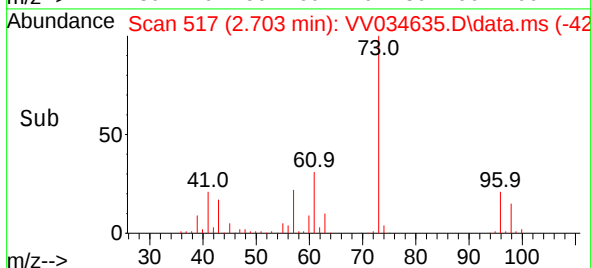
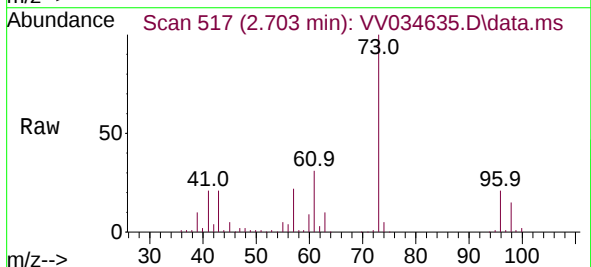


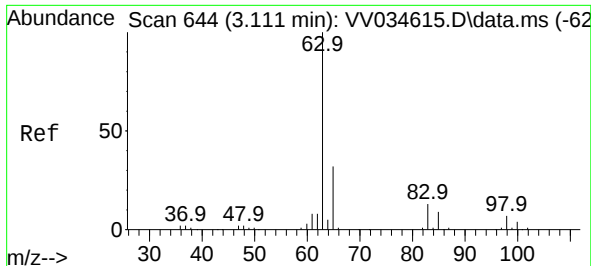
Tgt Ion: 96 Resp: 110550
Ion Ratio Lower Upper
96 100
61 145.2 98.8 183.4
98 66.2 46.1 85.5



#18
Methyl tert-butyl Ether
Concen: 53.960 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

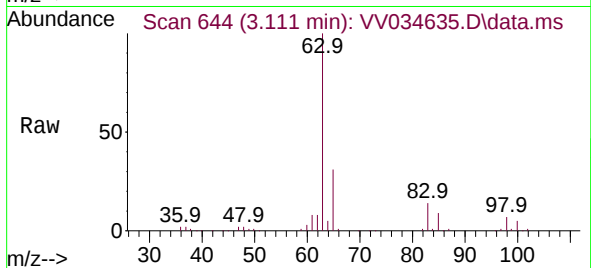
Tgt Ion: 73 Resp: 423615
Ion Ratio Lower Upper
73 100
43 21.0 17.1 25.7
57 22.0 17.6 26.4



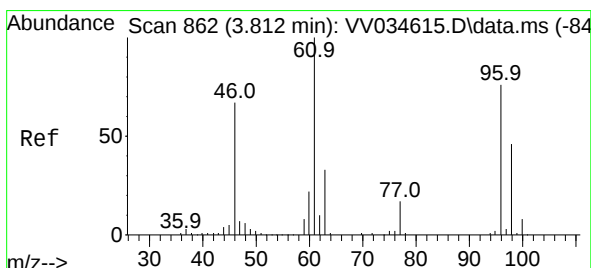
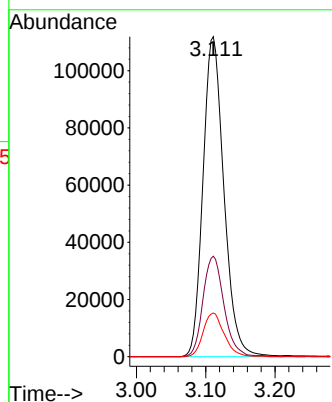
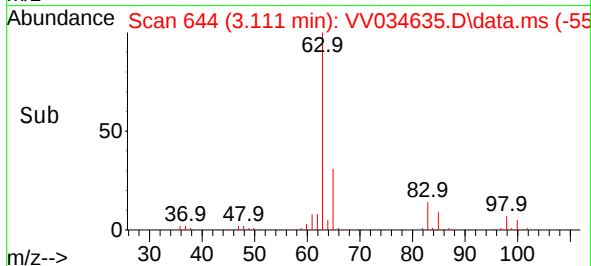


#19
1,1-Dichloroethane
Concen: 54.703 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Instrument :
MSVOA_V
ClientSampleId :

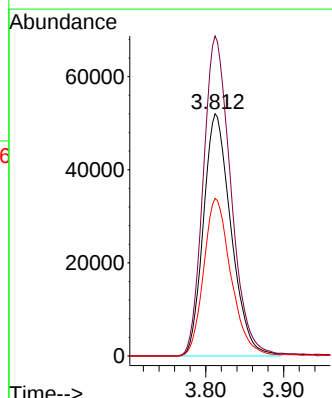
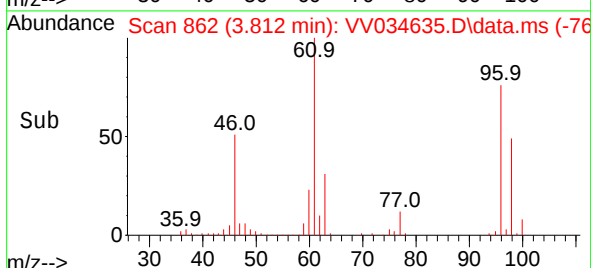
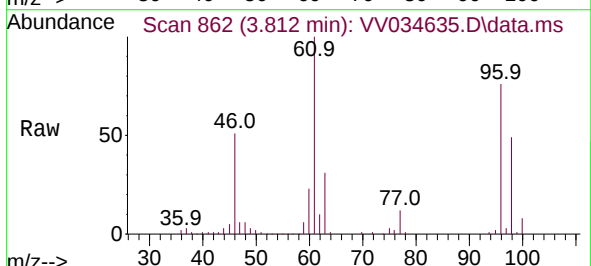


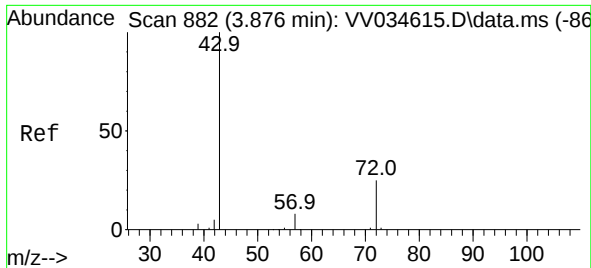
Tgt Ion: 63 Resp: 234262
Ion Ratio Lower Upper
63 100
65 31.4 22.1 41.1
83 13.7 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 53.986 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Tgt Ion: 96 Resp: 128049
Ion Ratio Lower Upper
96 100
61 132.1 96.0 178.4
98 65.1 46.0 85.4

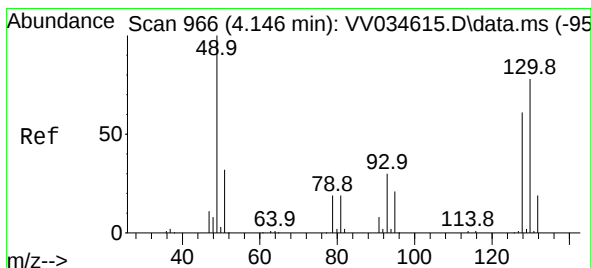
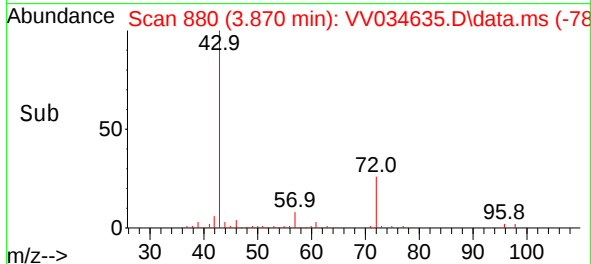
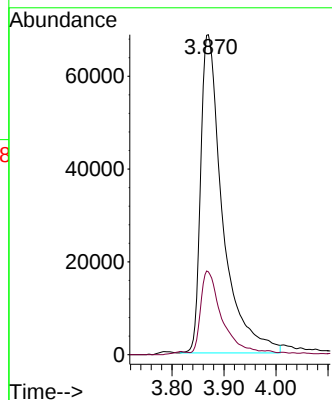
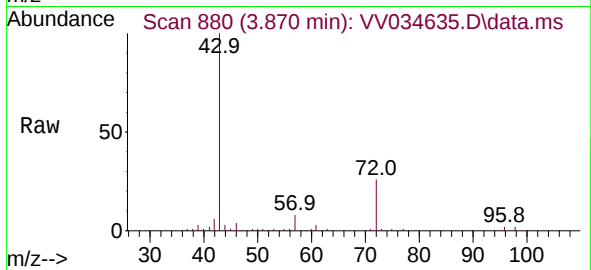




#22
2-Butanone
Concen: 96.902 ug/L
RT: 3.870 min Scan# 881
Delta R.T. -0.007 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

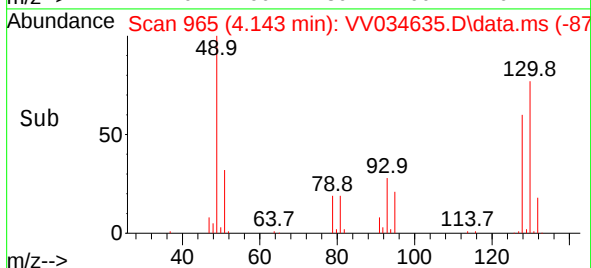
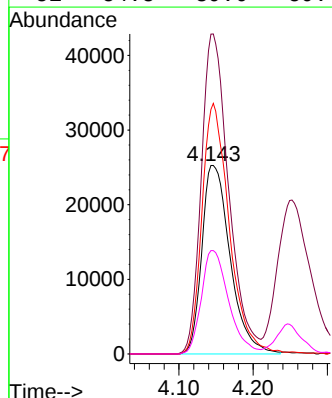
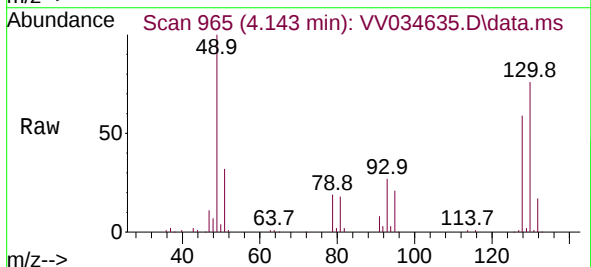
Instrument :
MSVOA_V
ClientSampleId :

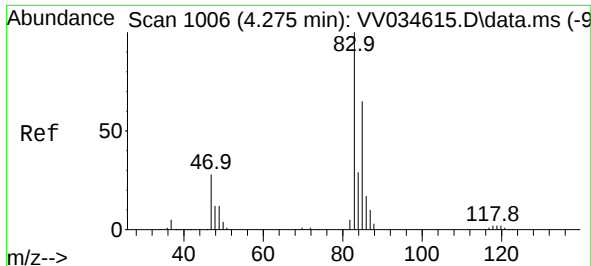
Tgt Ion: 43 Resp: 201152
Ion Ratio Lower Upper
43 100
72 24.0 11.5 34.4



#23
Bromochloromethane
Concen: 54.524 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.003 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Tgt Ion:128 Resp: 66874
Ion Ratio Lower Upper
128 100
49 169.7 109.4 203.2
130 129.7 87.7 162.9
51 54.8 39.6 59.4





#25

Chloroform

Concen: 53.267 ug/L

RT: 4.275 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

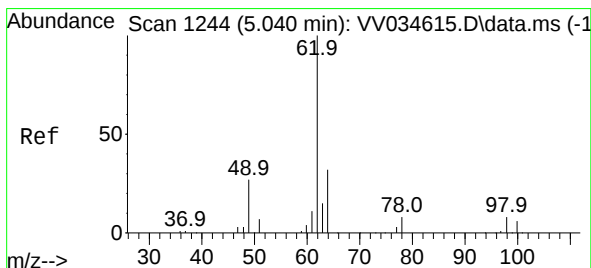
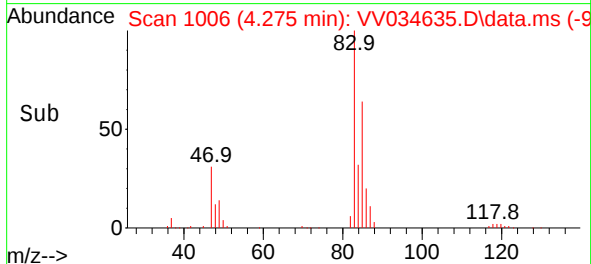
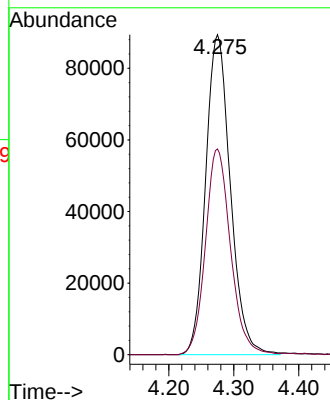
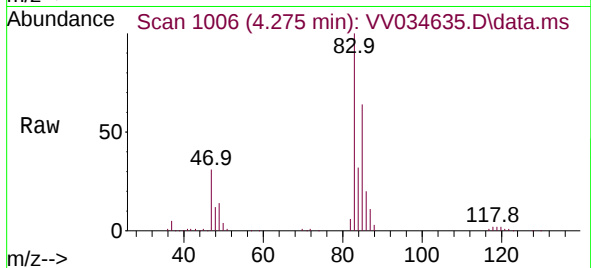
ClientSampleId :

Tgt Ion: 83 Resp: 236436

Ion Ratio Lower Upper

83 100

85 64.3 45.5 84.5



#27

1,2-Dichloroethane

Concen: 52.049 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.000 min

Lab File: VV034635.D

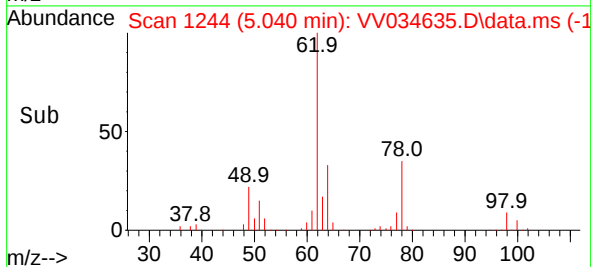
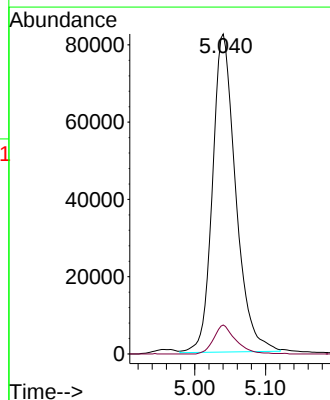
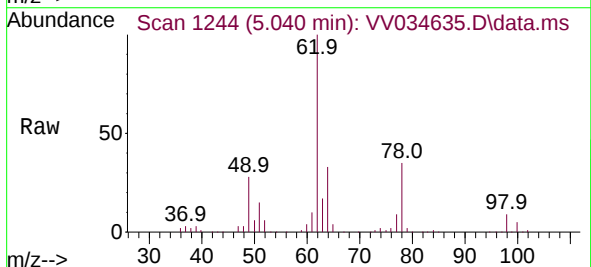
Acq: 15 Mar 2024 04:12

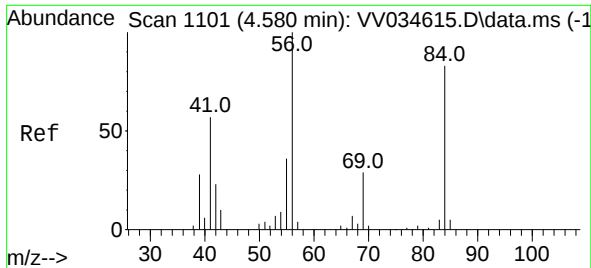
Tgt Ion: 62 Resp: 187703

Ion Ratio Lower Upper

62 100

98 9.1 6.6 10.0

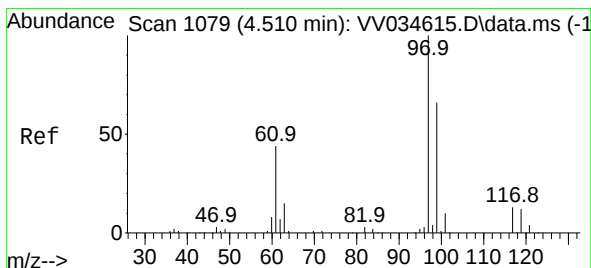
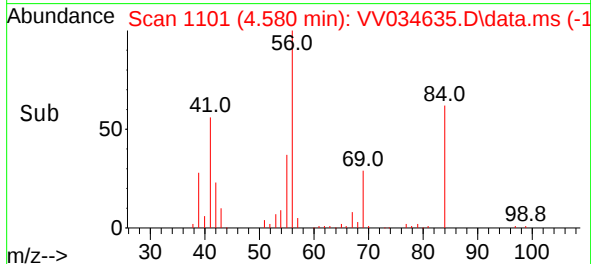
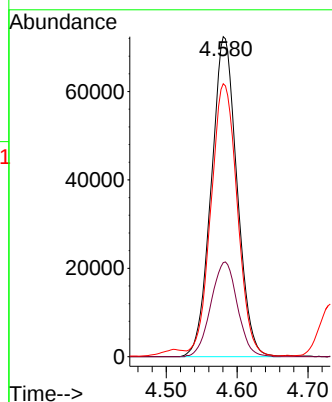
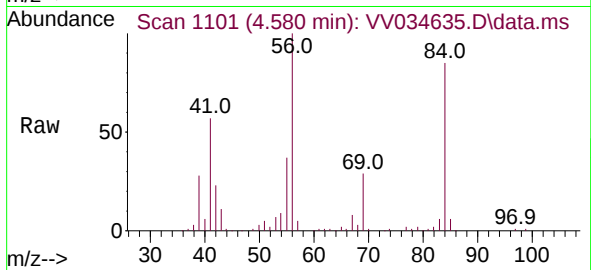




#29
Cyclohexane
Concen: 50.214 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

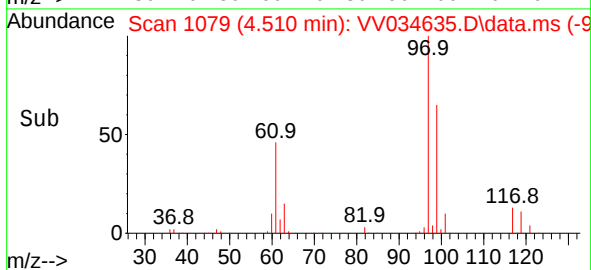
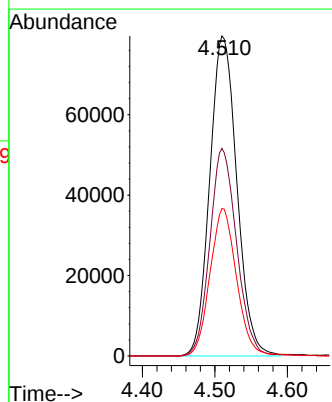
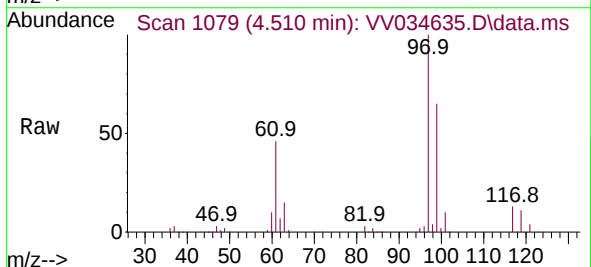
Instrument :
MSVOA_V
ClientSampleId :

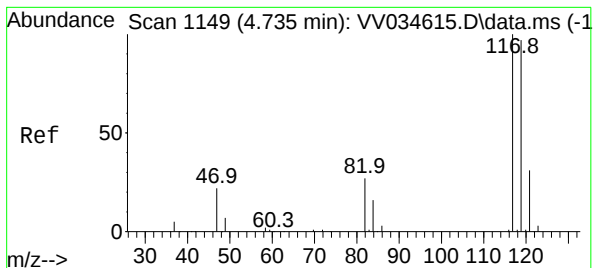
Tgt Ion: 56 Resp: 182942
Ion Ratio Lower Upper
56 100
69 30.4 24.2 36.4
84 86.9 70.5 105.7



#30
1,1,1-Trichloroethane
Concen: 52.045 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Tgt Ion: 97 Resp: 206715
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 45.1 36.0 54.0





#31

Carbon tetrachloride

Concen: 52.179 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

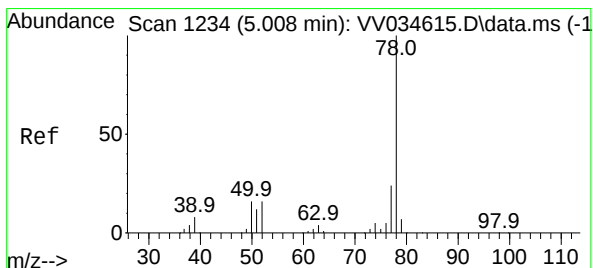
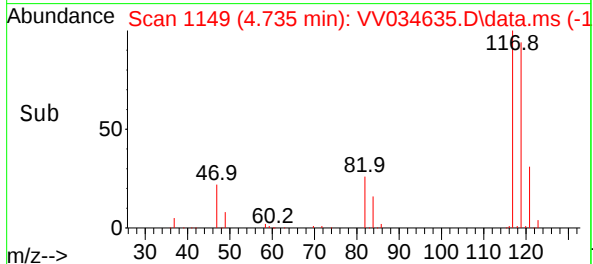
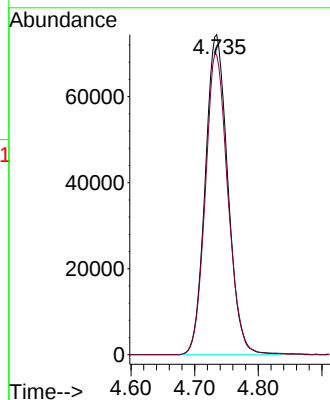
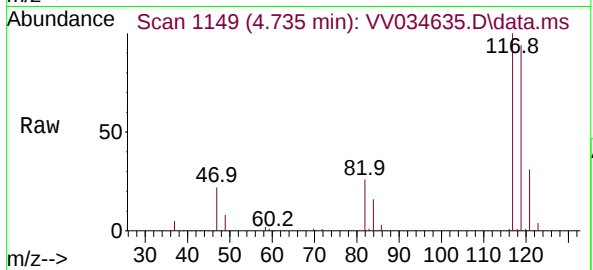
ClientSampleId :

Tgt Ion:117 Resp: 183490

Ion Ratio Lower Upper

117 100

119 94.1 77.5 116.3



#33

Benzene

Concen: 53.569 ug/L

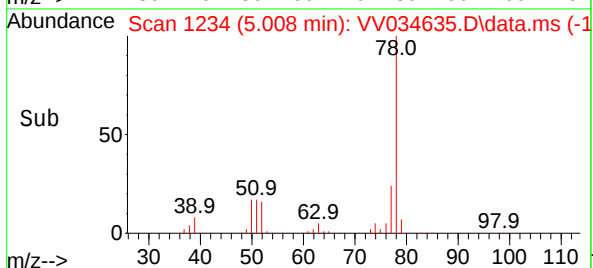
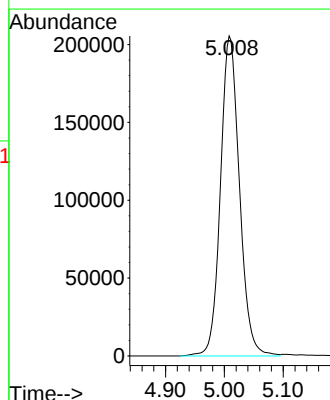
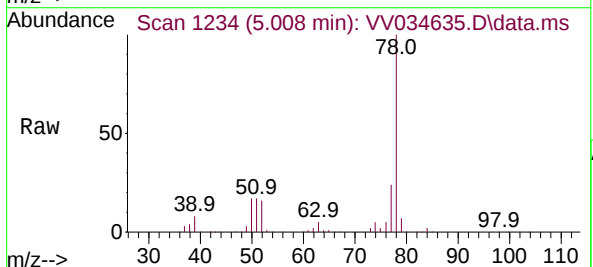
RT: 5.008 min Scan# 1234

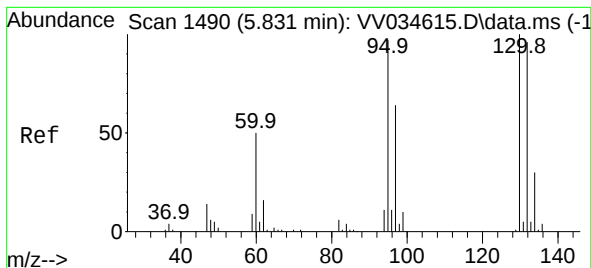
Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Tgt Ion: 78 Resp: 460561





#34

Trichloroethene

Concen: 49.235 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

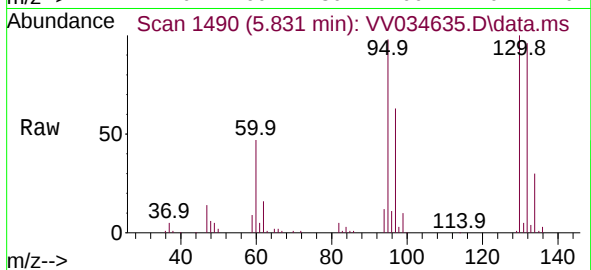
Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 120325

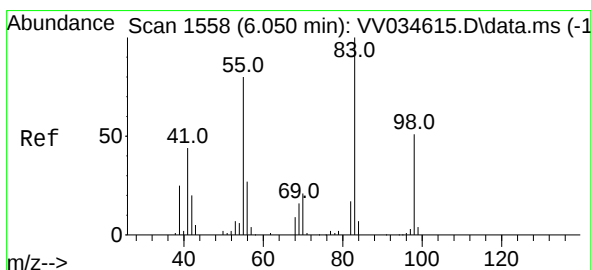
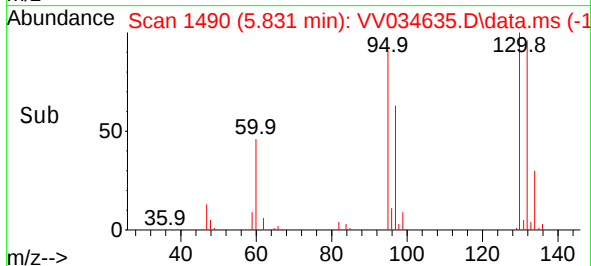
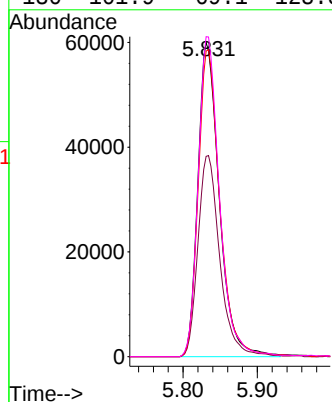
Ion Ratio Lower Upper

95 100

97 63.8 44.7 83.1

132 97.3 65.3 121.3

130 101.9 69.1 128.3



#35

Methylcyclohexane

Concen: 49.662 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

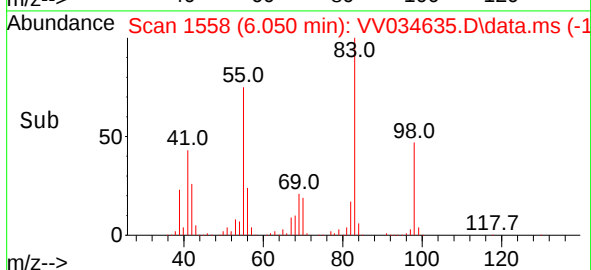
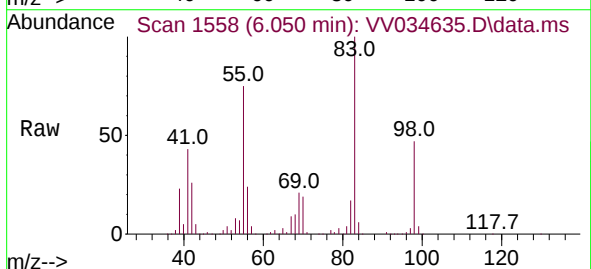
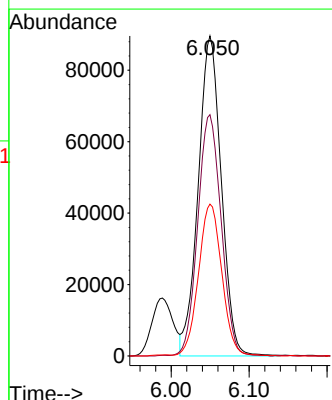
Tgt Ion: 83 Resp: 184510

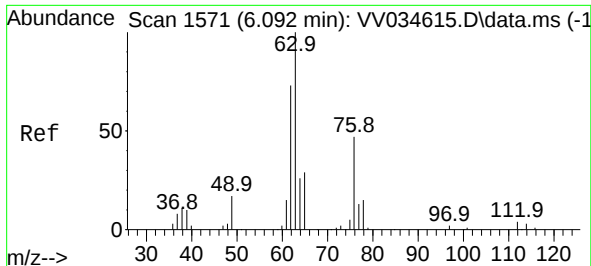
Ion Ratio Lower Upper

83 100

55 76.4 62.6 94.0

98 47.8 39.5 59.3

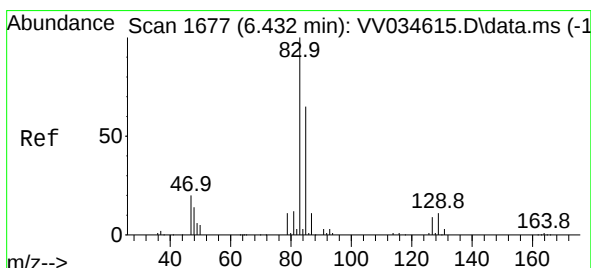
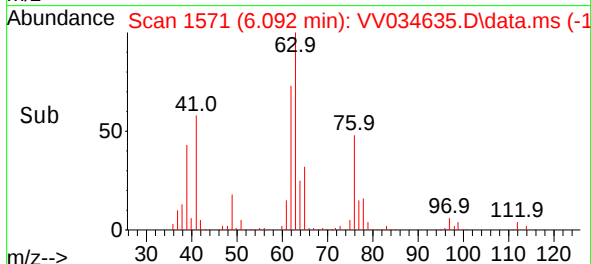
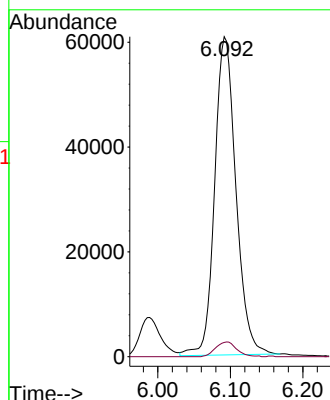
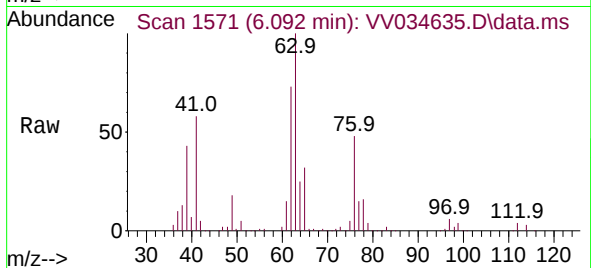




#37
1,2-Dichloropropane
Concen: 55.008 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

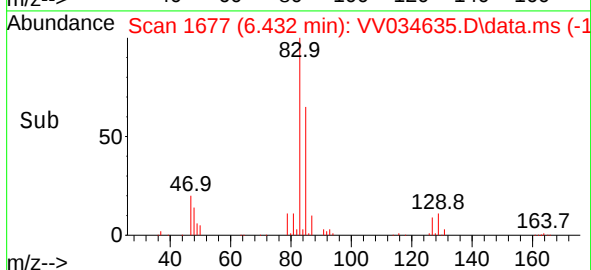
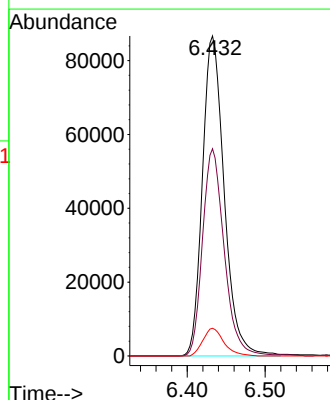
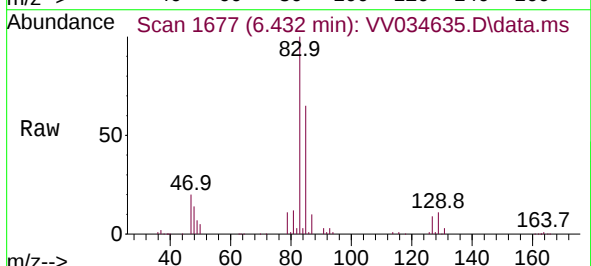
Instrument :
MSVOA_V
ClientSampleId :

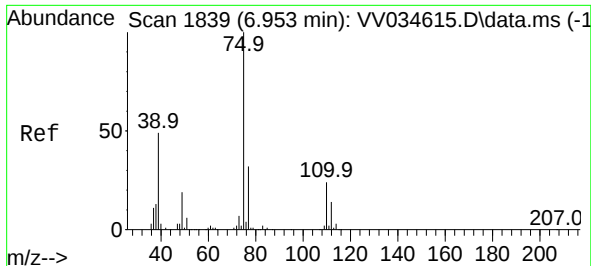
Tgt Ion: 63 Resp: 123818
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 53.158 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Tgt Ion: 83 Resp: 168307
Ion Ratio Lower Upper
83 100
85 64.8 44.6 82.8
127 8.7 6.9 10.3

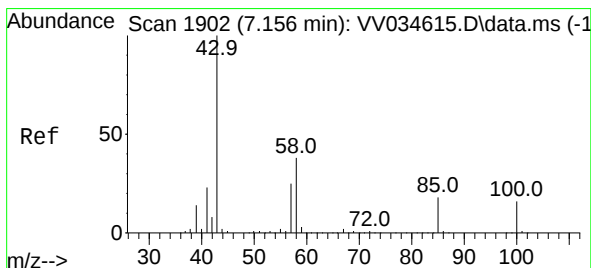
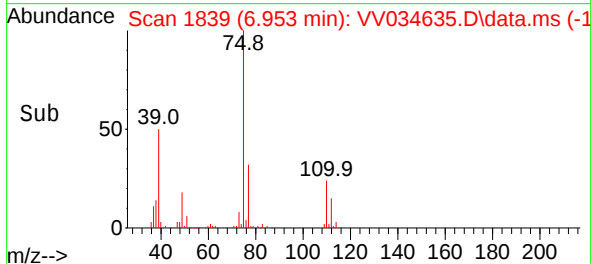
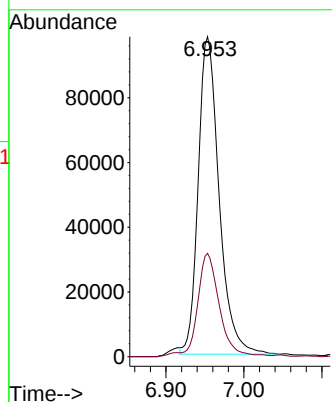
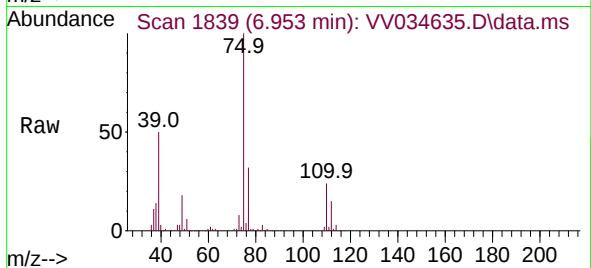




#39
cis-1,3-Dichloropropene
Concen: 50.155 ug/L
RT: 6.953 min Scan# 1839
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

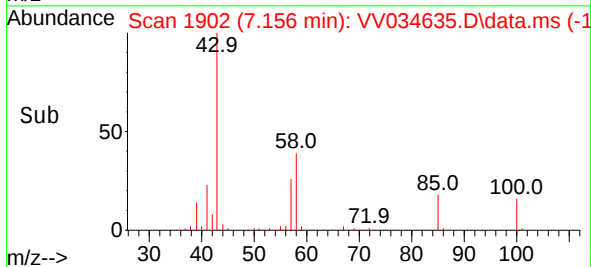
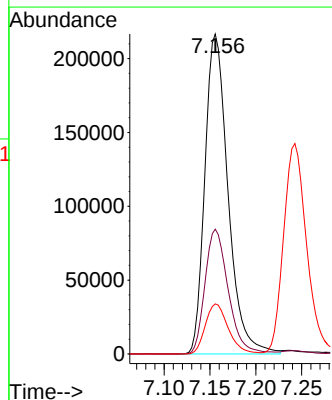
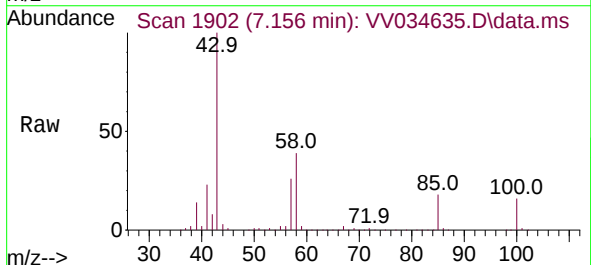
Instrument :
MSVOA_V
ClientSampleId :

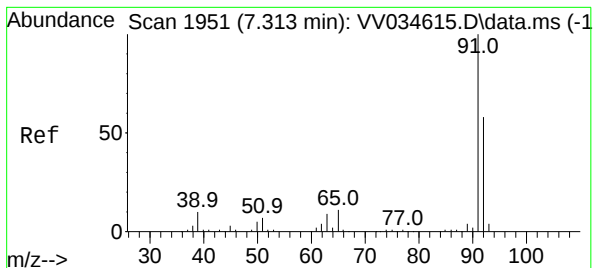
Tgt Ion: 75 Resp: 182910
Ion Ratio Lower Upper
75 100
77 32.3 20.9 38.9



#40
4-Methyl-2-pentanone
Concen: 114.741 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Tgt Ion: 43 Resp: 380838
Ion Ratio Lower Upper
43 100
58 39.2 30.6 46.0
100 15.5 12.5 18.7





#42

Toluene

Concen: 53.347 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

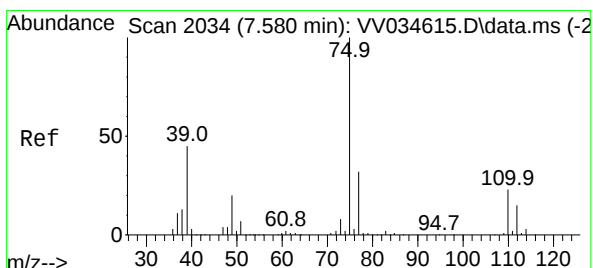
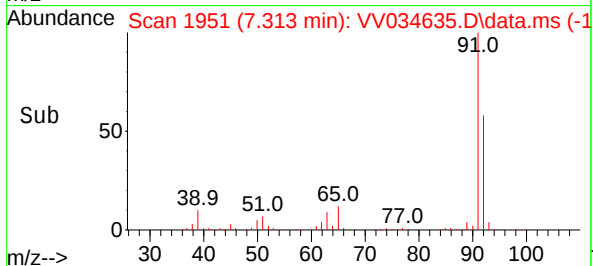
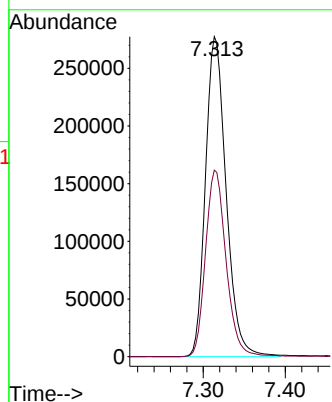
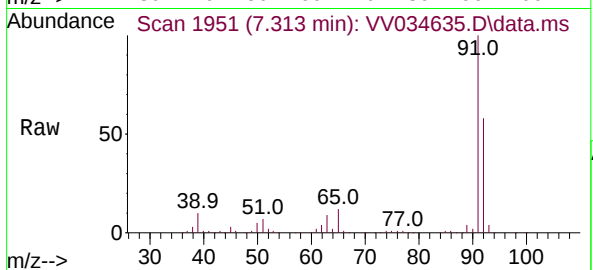
ClientSampleId :

Tgt Ion: 91 Resp: 485410

Ion Ratio Lower Upper

91 100

92 58.3 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 51.561 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV034635.D

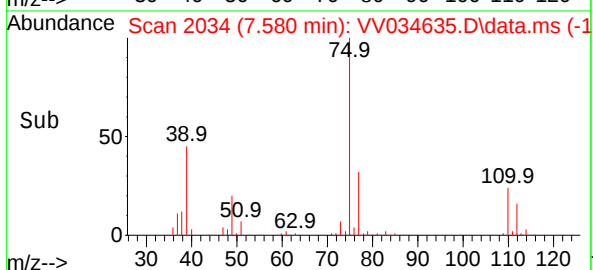
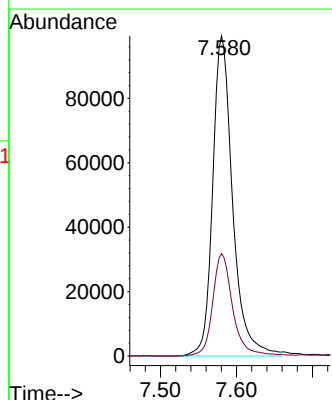
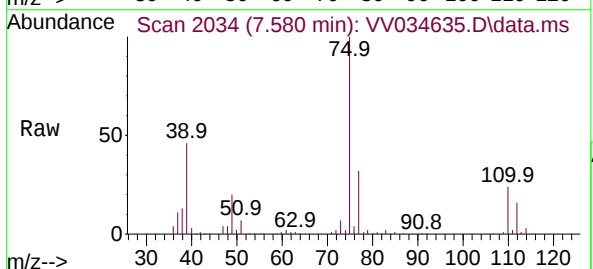
Acq: 15 Mar 2024 04:12

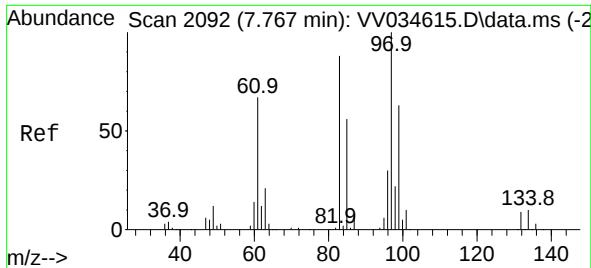
Tgt Ion: 75 Resp: 180851

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.4

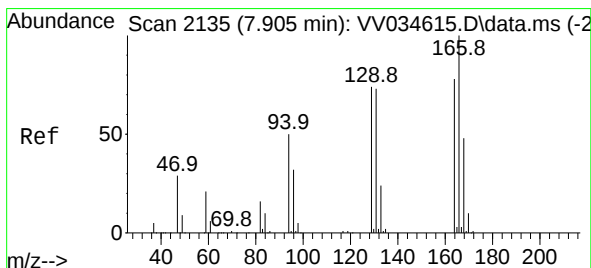
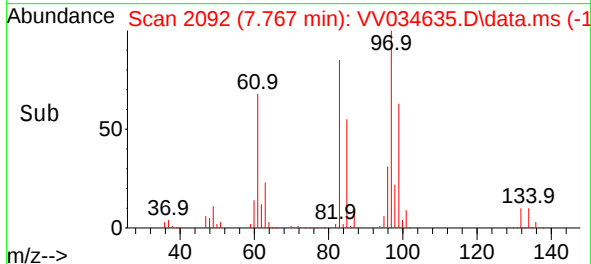
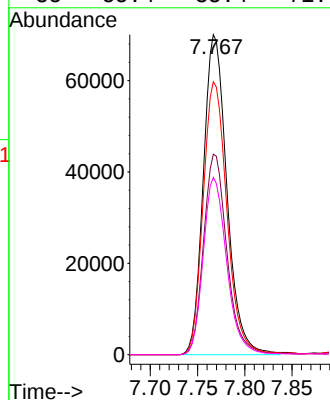
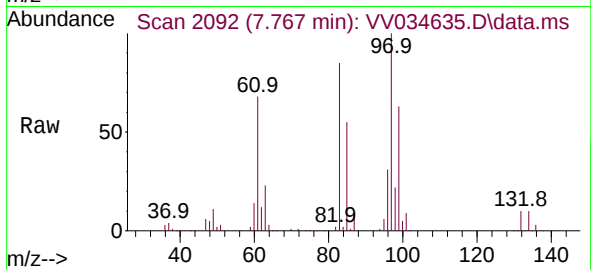




#45
1,1,2-Trichloroethane
Concen: 55.942 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

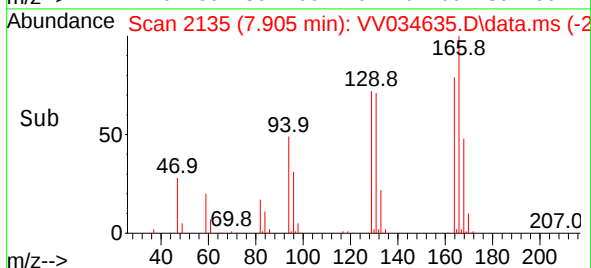
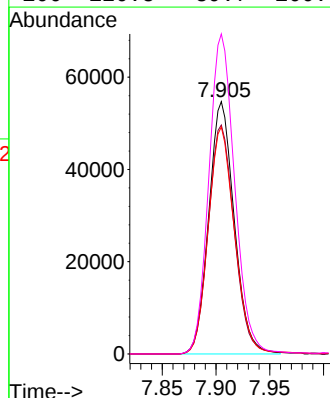
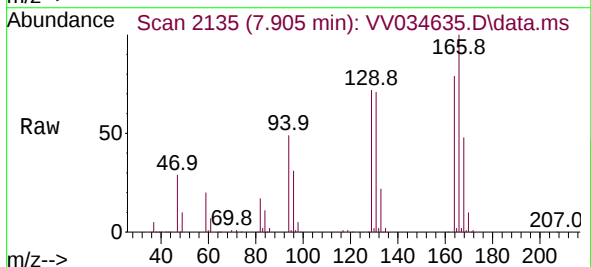
Instrument :
MSVOA_V
ClientSampleId :

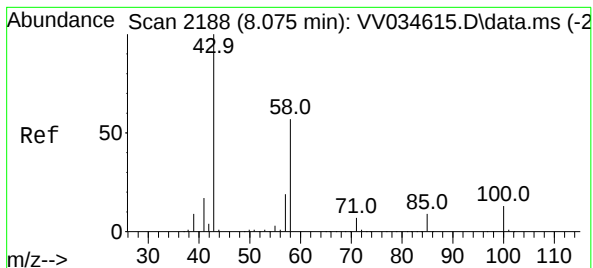
Tgt Ion:	97	Resp:	121497
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.8	81.4
83	85.3	59.4	110.2
85	55.4	38.4	71.4



#46
Tetrachloroethene
Concen: 49.767 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Tgt Ion:	164	Resp:	90451
Ion	Ratio	Lower	Upper
164	100		
129	90.7	65.7	121.9
131	90.0	62.2	115.6
166	126.8	89.7	166.7





#48

2-Hexanone

Concen: 112.524 ug/L

RT: 8.072 min Scan# 2188

Delta R.T. -0.003 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 297605

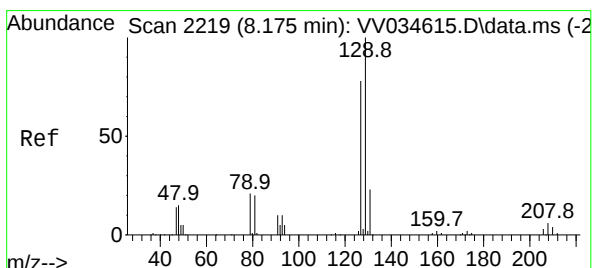
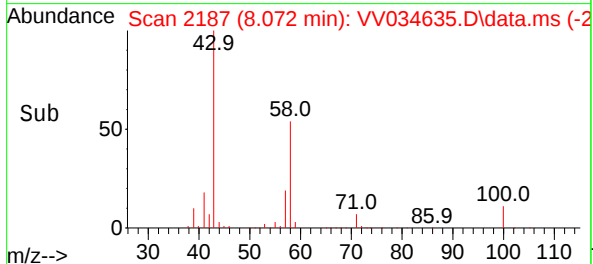
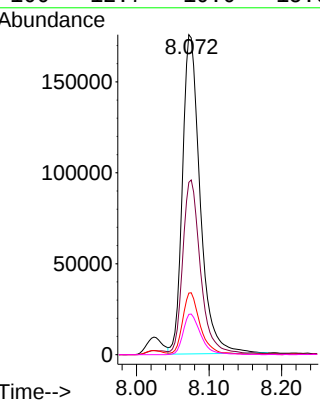
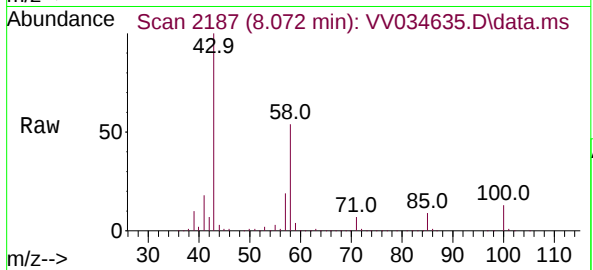
Ion Ratio Lower Upper

43 100

58 54.1 42.0 63.0

57 19.6 15.2 22.8

100 12.7 10.0 15.0



#49

Dibromochloromethane

Concen: 54.448 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV034635.D

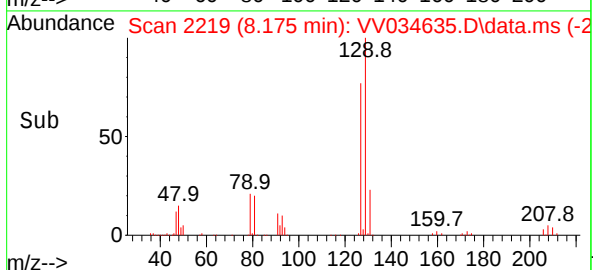
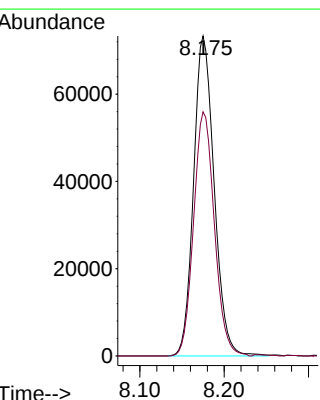
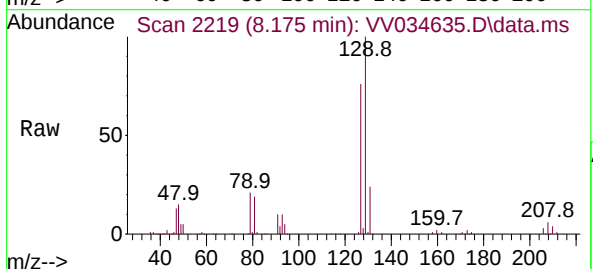
Acq: 15 Mar 2024 04:12

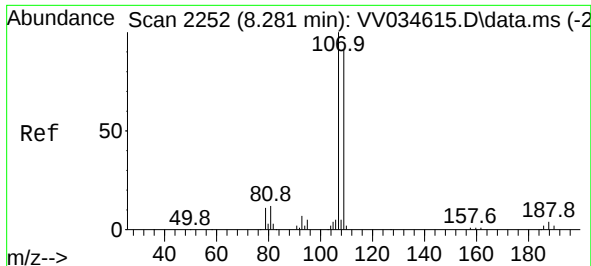
Tgt Ion:129 Resp: 124788

Ion Ratio Lower Upper

129 100

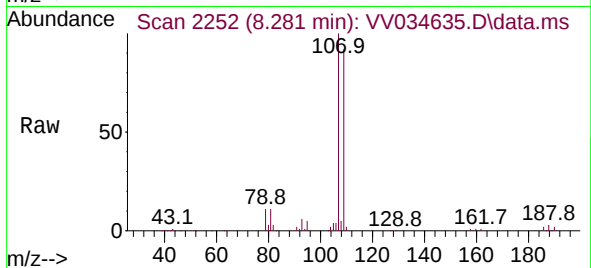
127 76.3 53.3 98.9



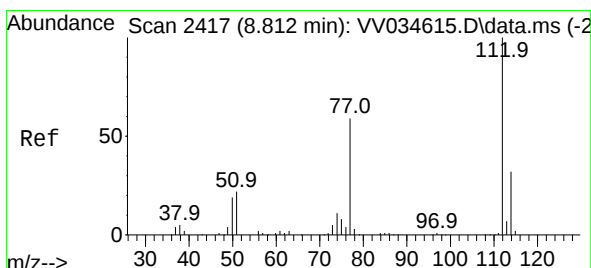
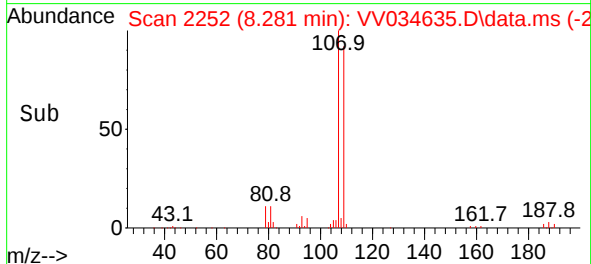
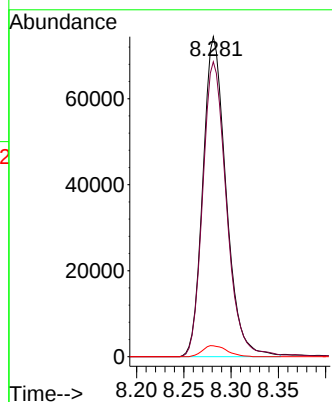


#50
1,2-Dibromoethane
Concen: 55.147 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Instrument :
MSVOA_V
ClientSampleId :

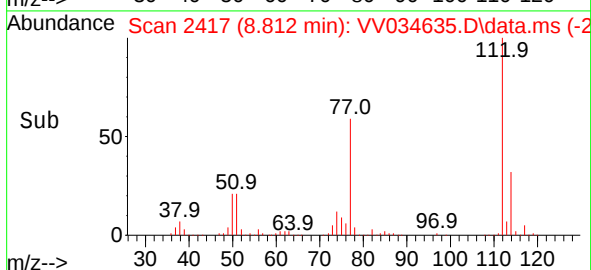
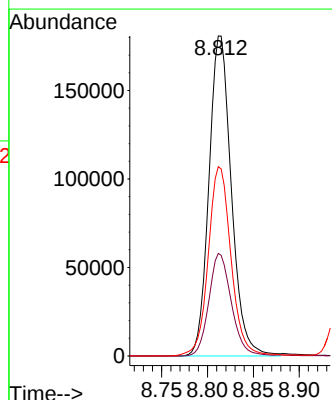
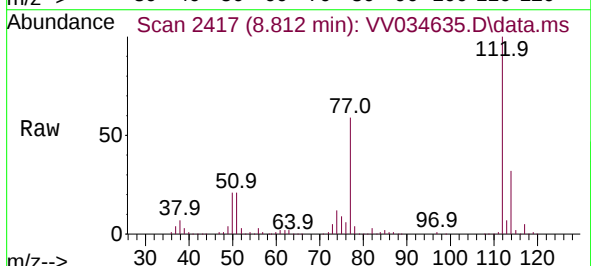


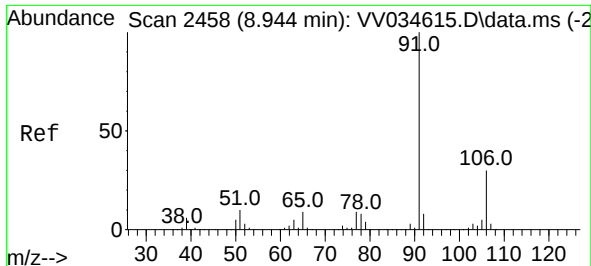
Tgt Ion:107 Resp: 127094
Ion Ratio Lower Upper
107 100
109 92.2 66.5 123.5
188 3.4 3.4 5.2#



#51
Chlorobenzene
Concen: 52.271 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Tgt Ion:112 Resp: 307478
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 59.2 47.7 71.5

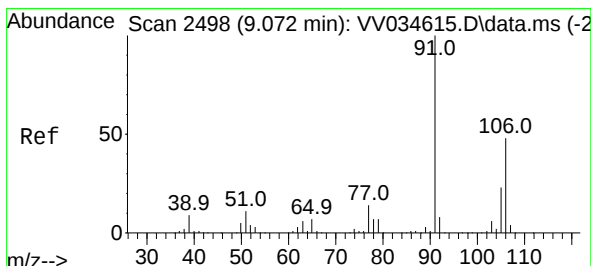
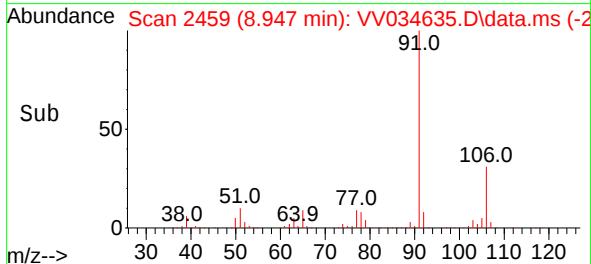
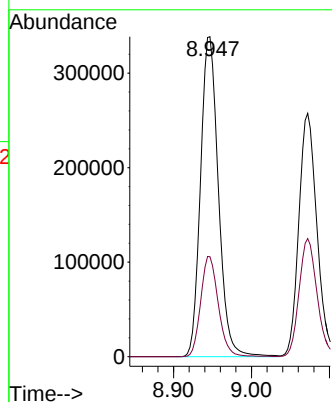
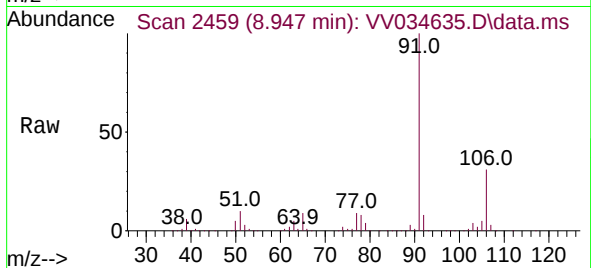




#52
Ethylbenzene
Concen: 52.919 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

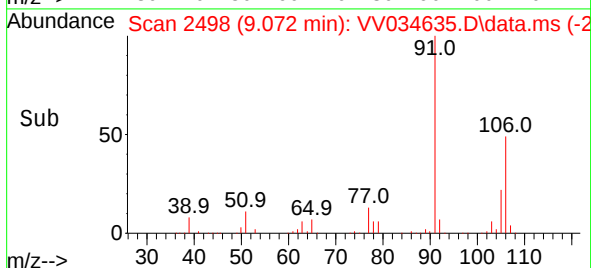
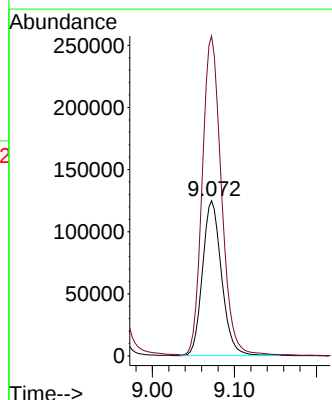
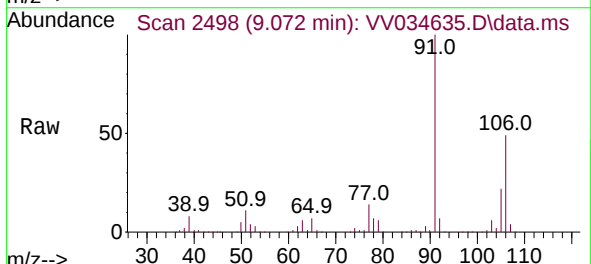
Instrument :
MSVOA_V
ClientSampleId :

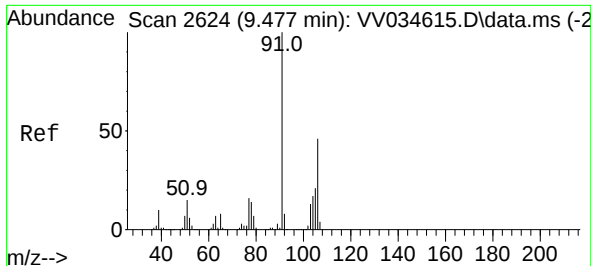
Tgt Ion: 91 Resp: 539539
Ion Ratio Lower Upper
91 100
106 31.3 21.3 39.5



#53
m,p-Xylene
Concen: 51.870 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Tgt Ion:106 Resp: 200683
Ion Ratio Lower Upper
106 100
91 206.2 145.3 269.9

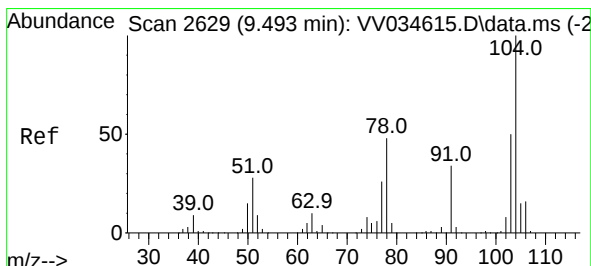
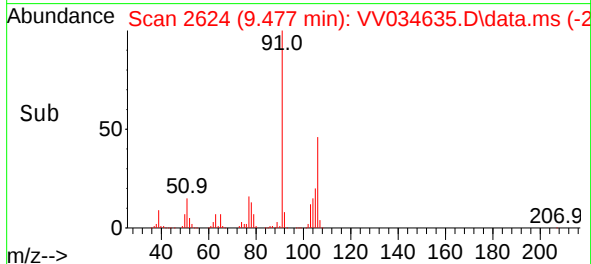
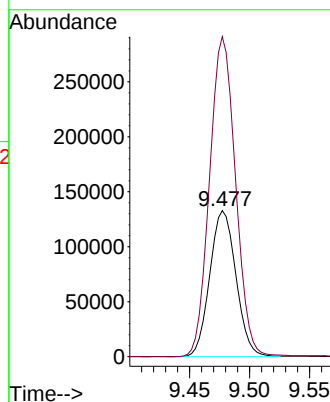
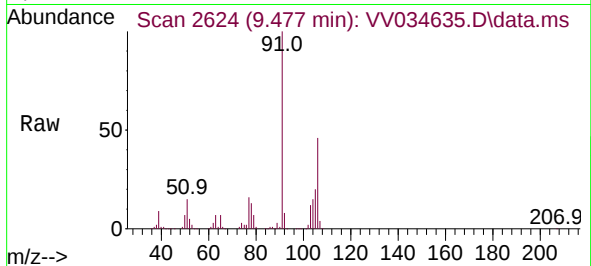




#54
o-Xylene
Concen: 53.258 ug/L
RT: 9.477 min Scan# 201772
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

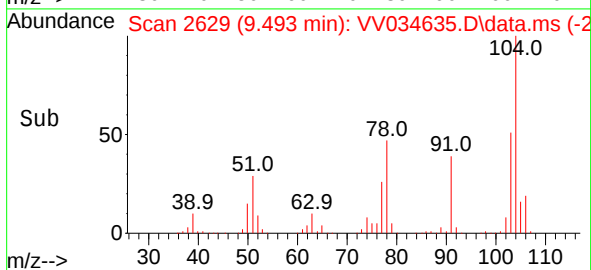
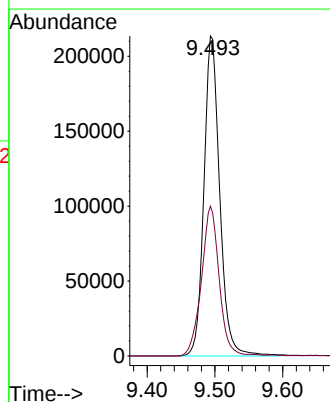
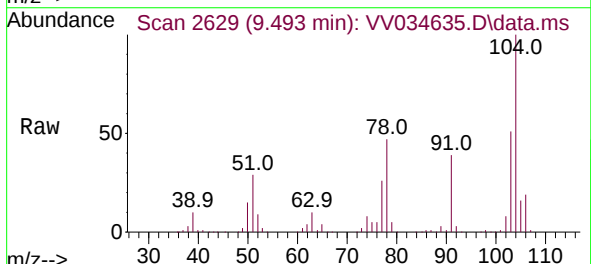
Instrument :
MSVOA_V
ClientSampleId :

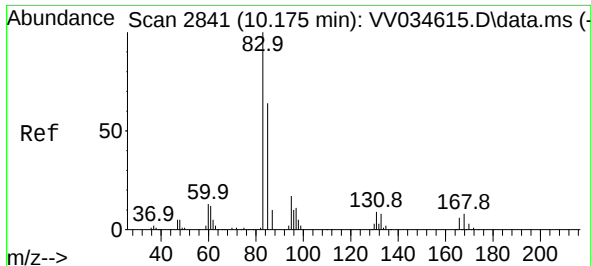
Tgt Ion:106 Resp: 201772
Ion Ratio Lower Upper
106 100
91 219.0 152.2 282.7



#55
Styrene
Concen: 53.947 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Tgt Ion:104 Resp: 346047
Ion Ratio Lower Upper
104 100
78 46.8 33.0 61.4

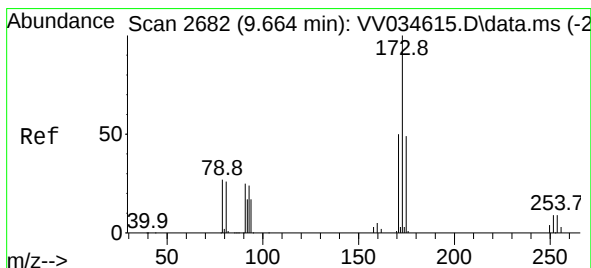
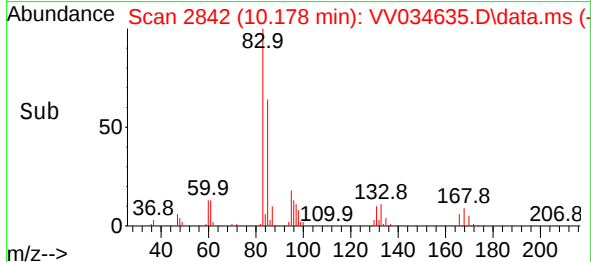
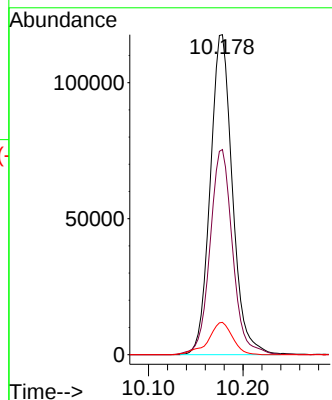
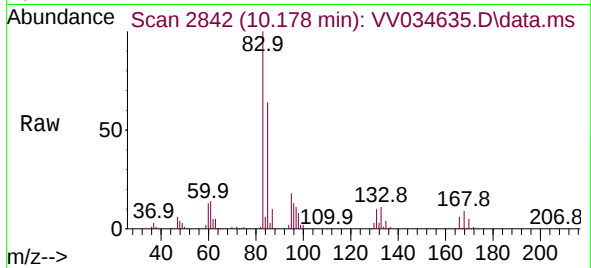




#57
1,1,2,2-Tetrachloroethane
Concen: 58.849 ug/L
RT: 10.178 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

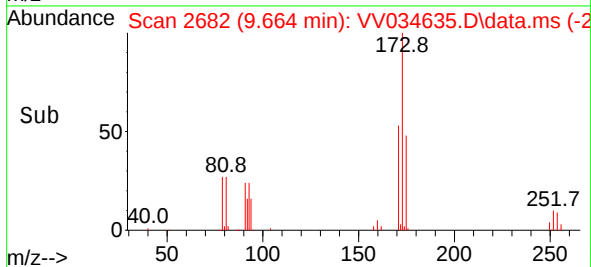
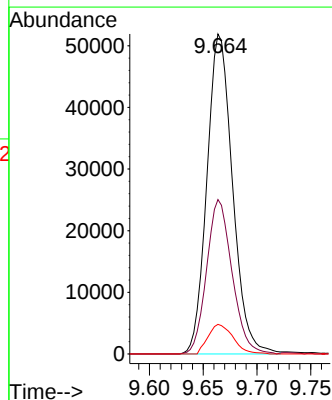
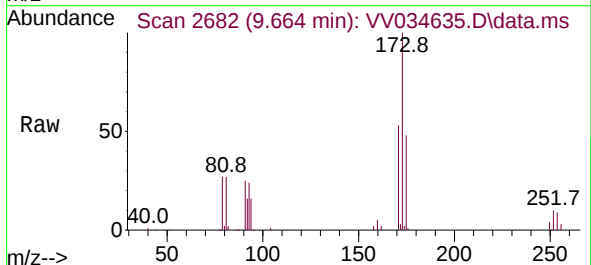
Instrument :
MSVOA_V
ClientSampleId :

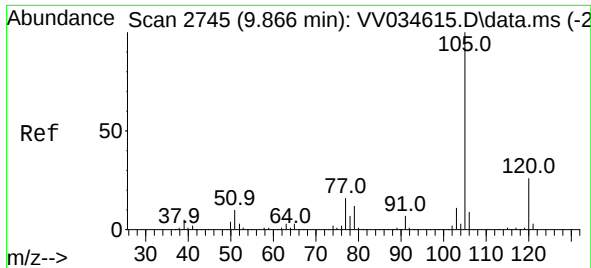
Tgt Ion: 83 Resp: 191965
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.2
131 10.1 8.3 12.5



#59
Bromoform
Concen: 52.954 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Tgt Ion: 173 Resp: 86152
Ion Ratio Lower Upper
173 100
175 47.8 39.1 58.7
254 9.0 7.8 11.8

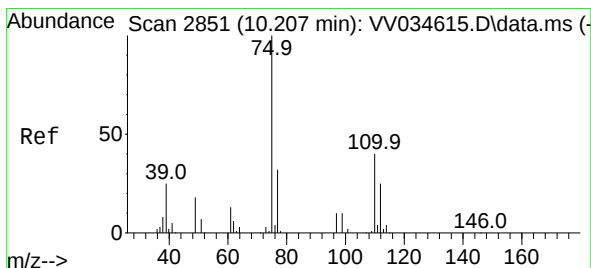
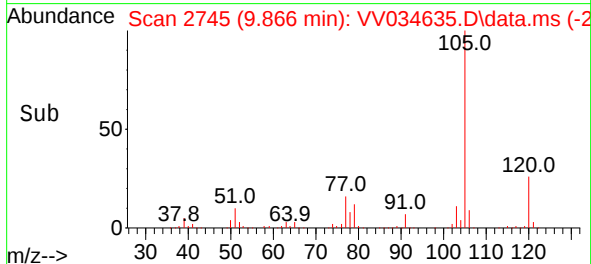
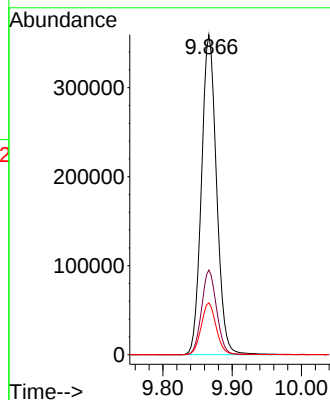
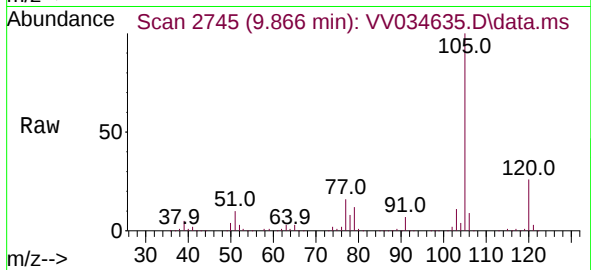




#60
Isopropylbenzene
Concen: 52.443 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

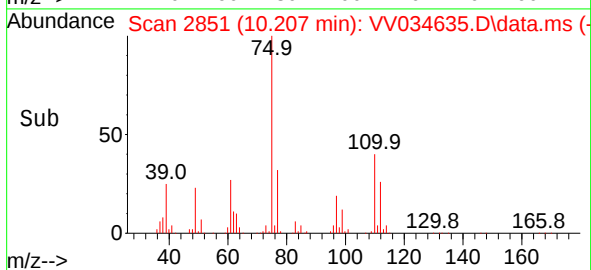
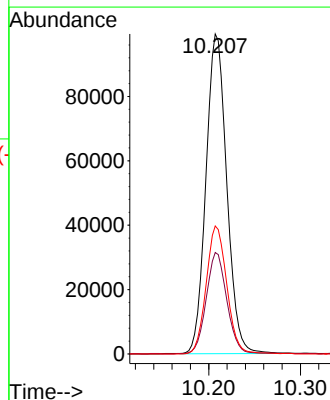
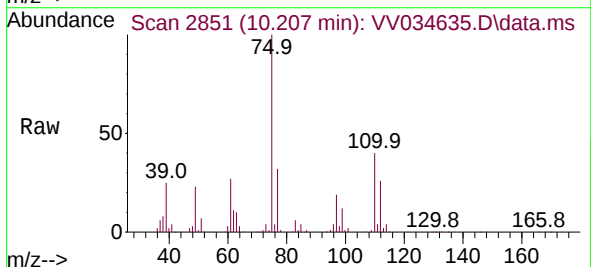
Instrument :
MSVOA_V
ClientSampleId :

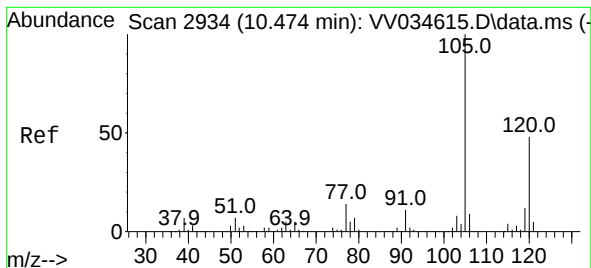
Tgt Ion:105 Resp: 544261
Ion Ratio Lower Upper
105 100
120 26.4 20.8 31.2
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 56.014 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV034635.D
Acq: 15 Mar 2024 04:12

Tgt Ion: 75 Resp: 156901
Ion Ratio Lower Upper
75 100
77 31.5 25.9 38.9
110 39.6 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 51.871 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

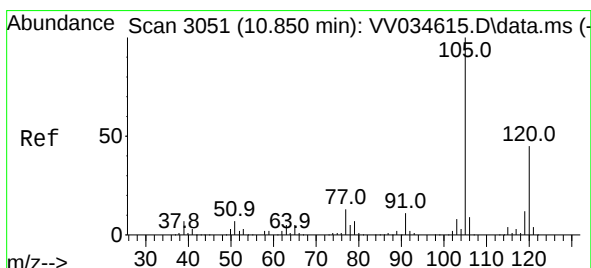
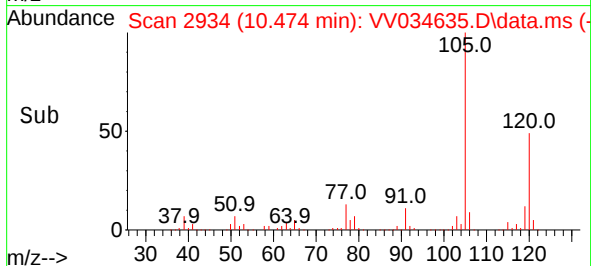
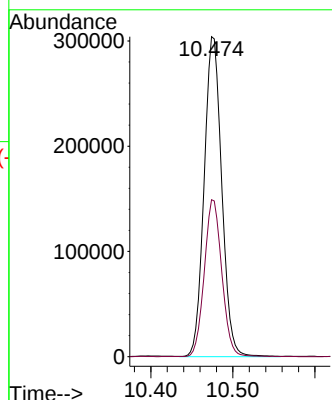
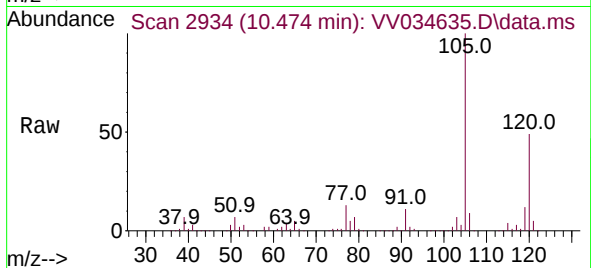
ClientSampleId :

Tgt Ion:105 Resp: 454101

Ion Ratio Lower Upper

105 100

120 48.7 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 52.131 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034635.D

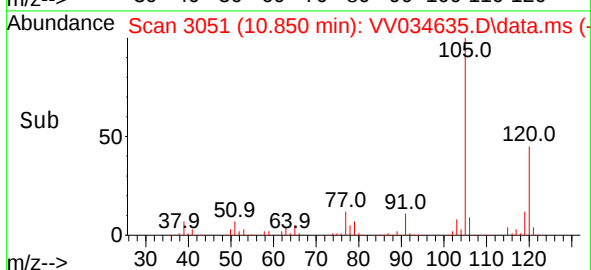
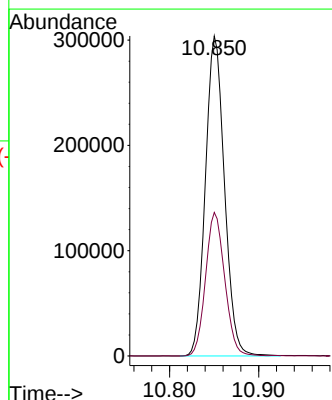
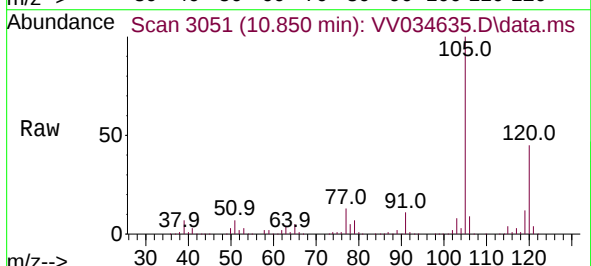
Acq: 15 Mar 2024 04:12

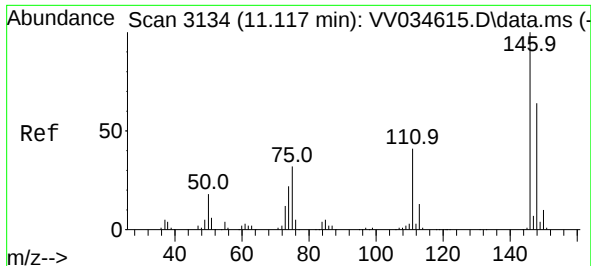
Tgt Ion:105 Resp: 451378

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 51.028 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

ClientSampleId :

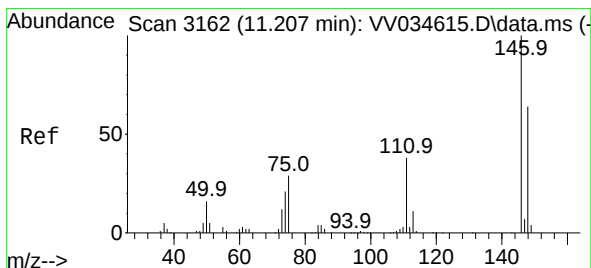
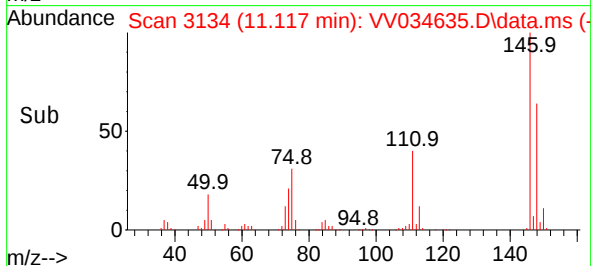
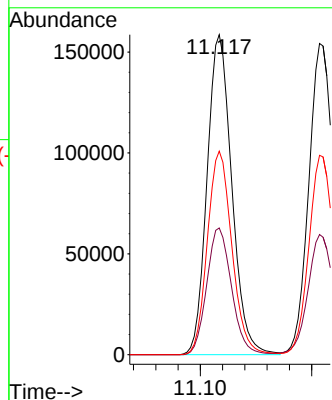
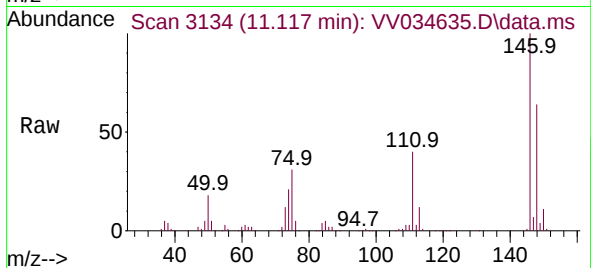
Tgt Ion:146 Resp: 244855

Ion Ratio Lower Upper

146 100

111 39.6 27.9 51.7

148 63.6 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 50.535 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

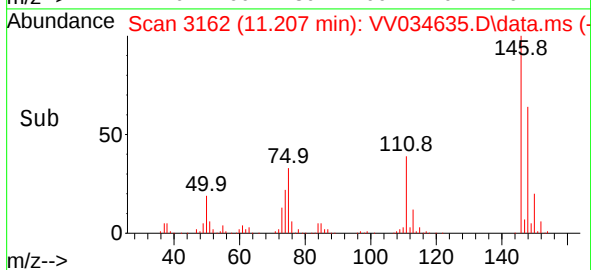
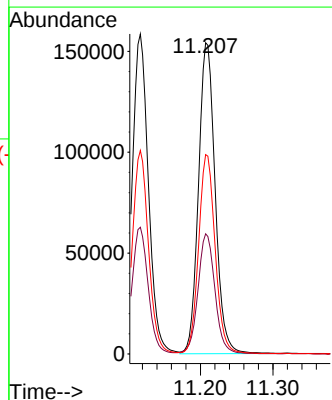
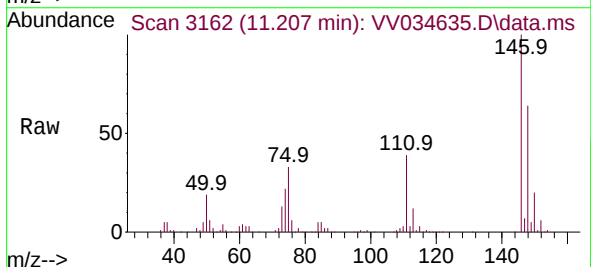
Tgt Ion:146 Resp: 246250

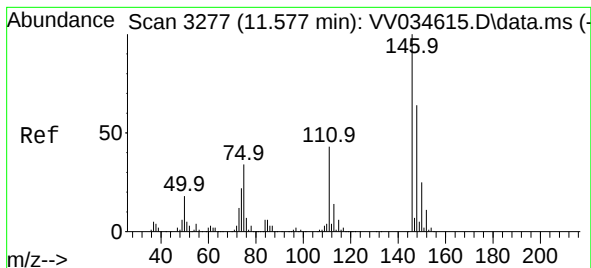
Ion Ratio Lower Upper

146 100

111 38.6 26.5 49.1

148 64.1 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 50.337 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

ClientSampleId :

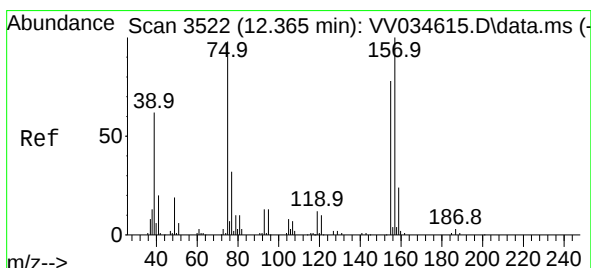
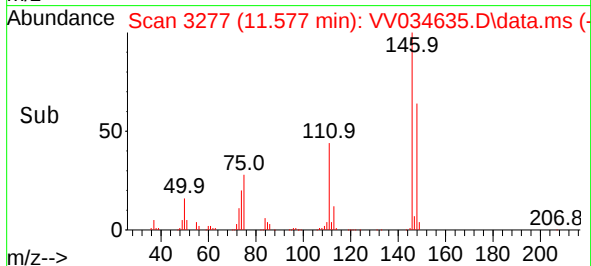
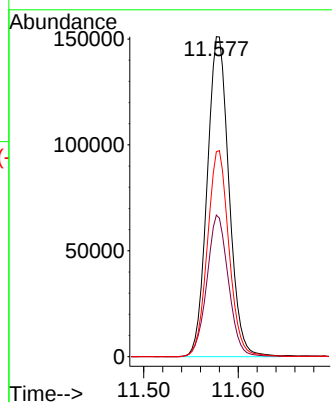
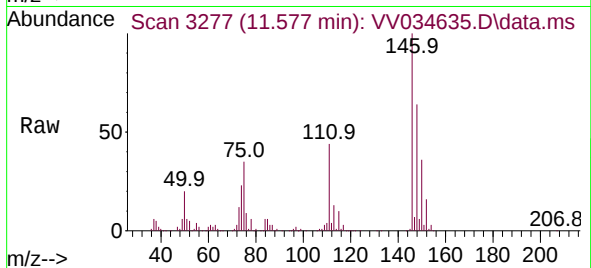
Tgt Ion:146 Resp: 242033

Ion Ratio Lower Upper

146 100

111 44.3 33.8 50.8

148 64.0 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 55.333 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

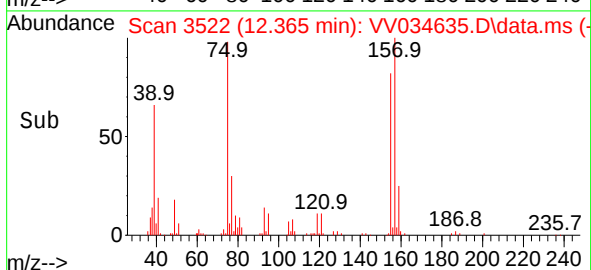
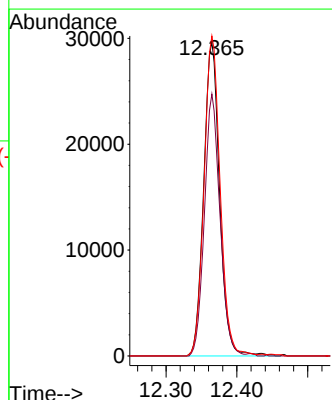
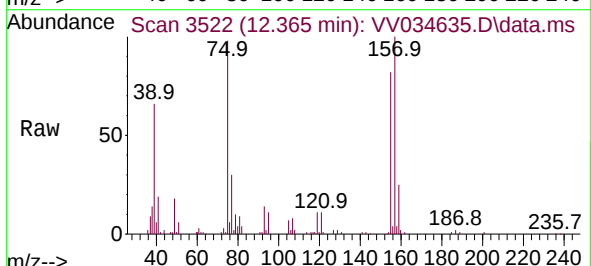
Tgt Ion: 75 Resp: 46170

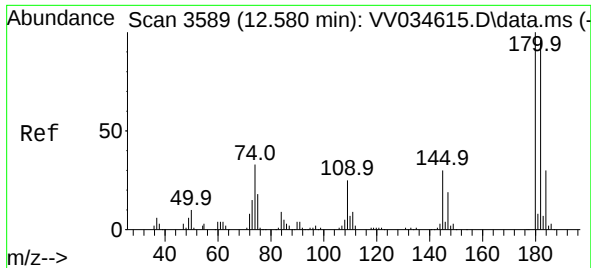
Ion Ratio Lower Upper

75 100

155 83.4 63.3 94.9

157 101.9 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 46.903 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

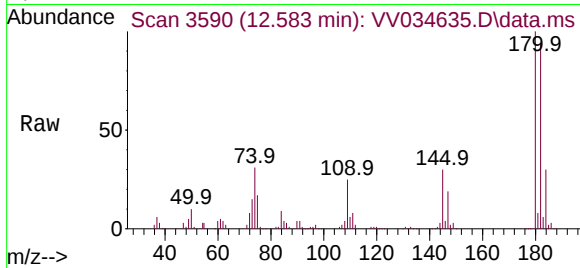
Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 168839

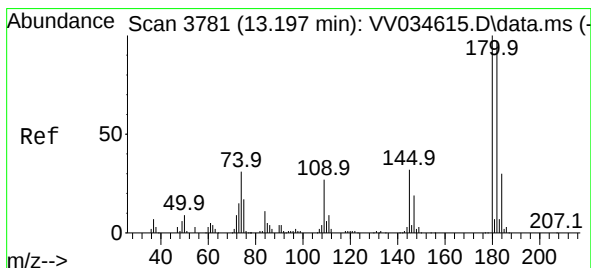
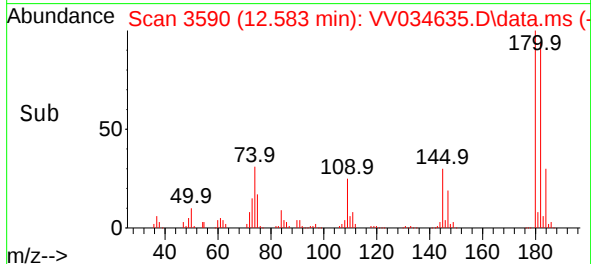
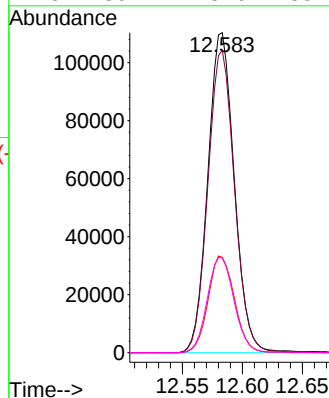
Ion Ratio Lower Upper

180 100

182 95.3 74.6 112.0

184 30.1 23.6 35.4

145 30.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 47.170 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

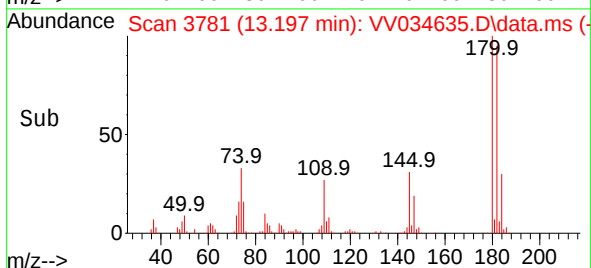
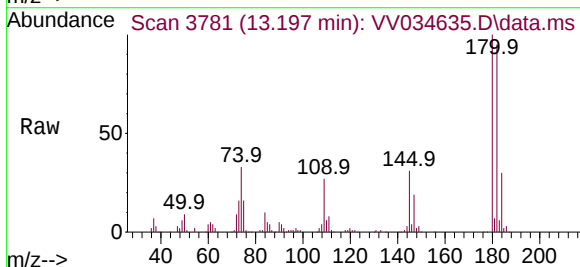
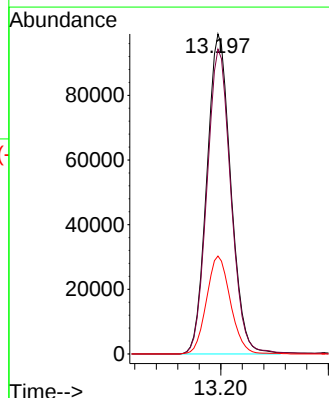
Tgt Ion:180 Resp: 152789

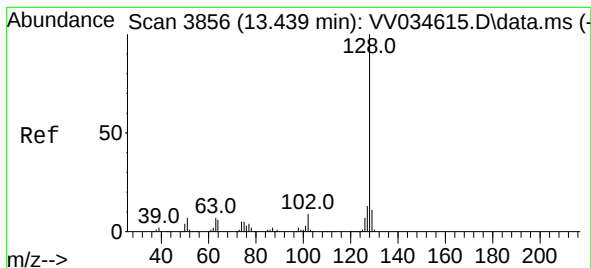
Ion Ratio Lower Upper

180 100

182 95.2 74.8 112.2

145 30.6 24.2 36.4





#71

Naphthalene

Concen: 50.694 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Instrument :

MSVOA_V

ClientSampleId :

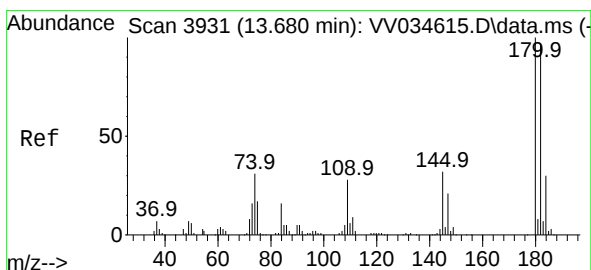
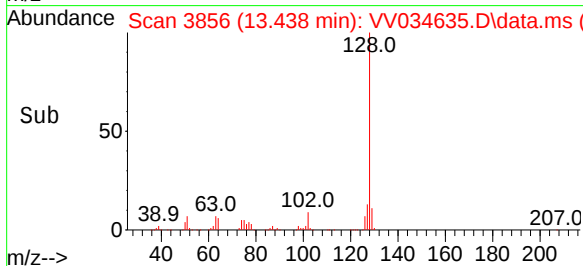
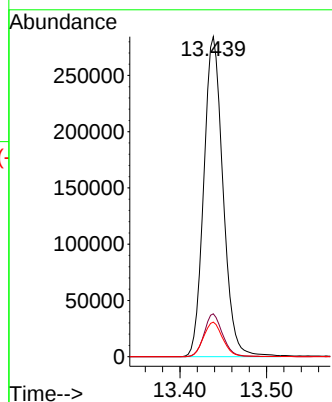
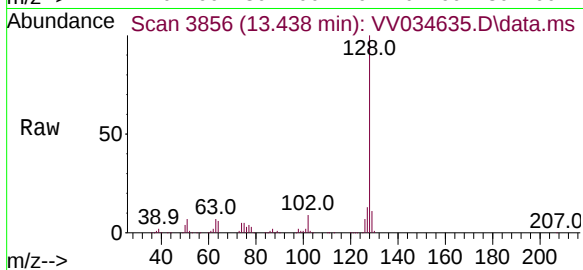
Tgt Ion:128 Resp: 439229

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.502 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034635.D

Acq: 15 Mar 2024 04:12

Tgt Ion:180 Resp: 159578

Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 32.3 25.5 38.3

