

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103122\
 Data File : VW028778.D
 Acq On : 31 Oct 2022 13:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 04:39:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:34:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	460815	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	421212	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	211387	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	197683	45.253	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.500%
7) Chloroethane-d5	1.561	69	161609	43.276	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.560%
11) 1,1-Dichloroethene-d2	2.105	63	380443	45.783	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.560%
21) 2-Butanone-d5	3.870	46	324524	102.054	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.050%
24) Chloroform-d	4.342	84	313076	47.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.040%
26) 1,2-Dichloroethane-d4	5.024	65	209157	48.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.000%
32) Benzene-d6	5.043	84	635254	48.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.620%
36) 1,2-Dichloropropane-d6	6.066	67	215458	47.727	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.460%
41) Toluene-d8	7.310	98	562647	48.673	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.340%
43) trans-1,3-Dichloroprop...	7.616	79	85423	49.268	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.540%
47) 2-Hexanone-d5	8.082	63	212391	104.110	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.110%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	292089	49.067	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.140%
66) 1,2-Dichlorobenzene-d4	11.615	152	197766	47.396	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	165378	48.799	ug/L	99
3) Chloromethane	1.240	50	269065	47.705	ug/L	99
5) Vinyl chloride	1.310	62	248550	47.975	ug/L	99
6) Bromomethane	1.513	94	133692	46.768	ug/L	96
8) Chloroethane	1.581	64	158220	47.558	ug/L	100
9) Trichlorofluoromethane	1.748	101	293411	47.623	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	167980	48.121	ug/L	99
12) 1,1-Dichloroethene	2.114	96	162681	47.332	ug/L	98
13) Acetone	2.159	43	288506	93.705	ug/L	99
14) Carbon disulfide	2.291	76	467290	48.742	ug/L	99
15) Methyl Acetate	2.423	43	267283	51.724	ug/L	100
16) Methylene chloride	2.503	84	195867	46.969	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	163815	49.275	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	575727	50.131	ug/L	99
19) 1,1-Dichloroethane	3.185	63	355914	49.134	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	183583	50.048	ug/L #	98
22) 2-Butanone	3.953	43	383071	101.277	ug/L	99
23) Bromochloromethane	4.243	128	87712	50.239	ug/L	95
25) Chloroform	4.368	83	331079	49.202	ug/L	99

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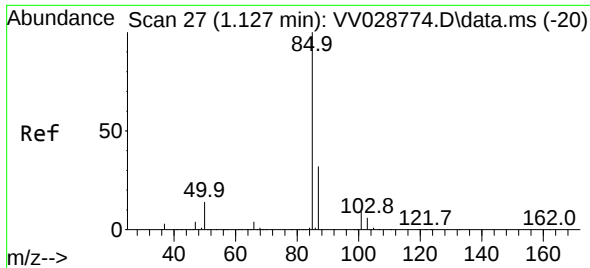
Quant Time: Nov 01 04:39:16 2022
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 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:34:03 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	278819	50.738	ug/L	99
29) Cyclohexane	4.674	56	337260	50.180	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	265390	49.985	ug/L	100
31) Carbon tetrachloride	4.822	117	211997	49.975	ug/L	99
33) Benzene	5.095	78	747129	50.383	ug/L	100
34) Trichloroethene	5.908	95	171633	49.493	ug/L	97
35) Methylcyclohexane	6.127	83	308278	50.121	ug/L	99
37) 1,2-Dichloropropane	6.169	63	205215	50.017	ug/L	100
38) Bromodichloromethane	6.506	83	236974	50.840	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	291710	52.061	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	721543	105.744	ug/L	99
42) Toluene	7.384	91	760151	50.276	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	268893	51.895	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	176007	50.003	ug/L	99
46) Tetrachloroethene	7.969	164	118273	49.210	ug/L	98
48) 2-Hexanone	8.133	43	551429	106.109	ug/L	99
49) Dibromochloromethane	8.239	129	165229	50.710	ug/L	98
50) 1,2-Dibromoethane	8.346	107	181987	51.313	ug/L	99
51) Chlorobenzene	8.876	112	456165	49.271	ug/L	99
52) Ethylbenzene	9.005	91	827790	50.893	ug/L	100
53) m,p-Xylene	9.133	106	298629	50.339	ug/L	97
54) o-Xylene	9.535	106	300039	50.660	ug/L	99
55) Styrene	9.554	104	526235	51.812	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	318611	51.285	ug/L	99
59) Bromoform	9.725	173	106528	50.768	ug/L	99
60) Isopropylbenzene	9.924	105	800555	49.841	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	251110	49.994	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	673706	50.242	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	678075	50.830	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	339971	50.174	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	339909	49.234	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	342166	49.640	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	64763	50.610	ug/L	100
69) 1,3,5-Trichlorobenzene	12.635	180	245201	50.464	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	220114	52.937	ug/L	99
71) Naphthalene	13.490	128	762309	56.308	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	228985	54.408	ug/L	99

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

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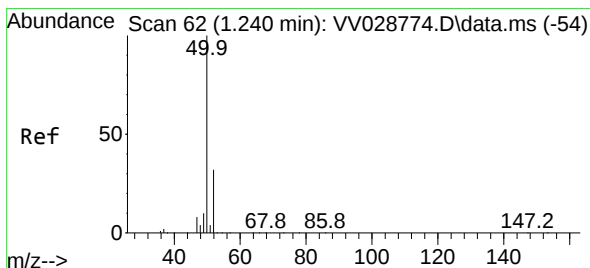
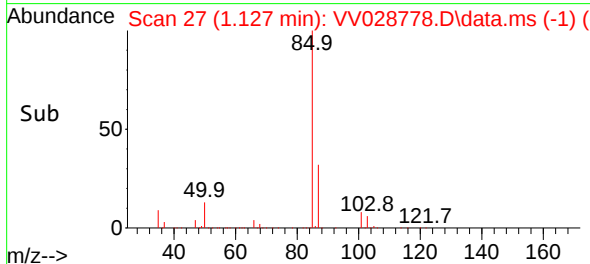
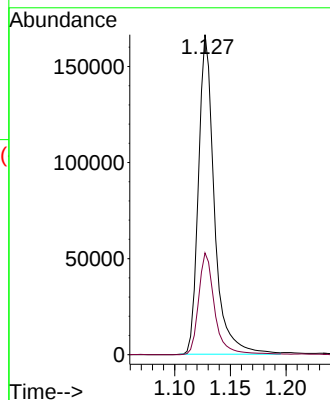
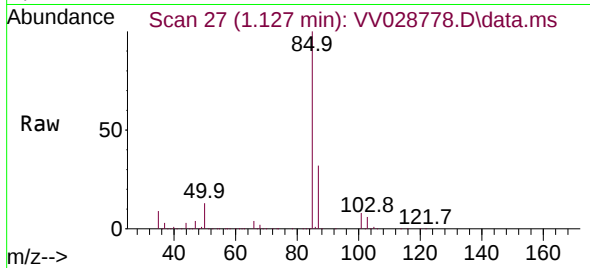




#2
 Dichlorodifluoromethane
 Concen: 48.799 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028778.D
 Acq: 31 Oct 2022 13:44

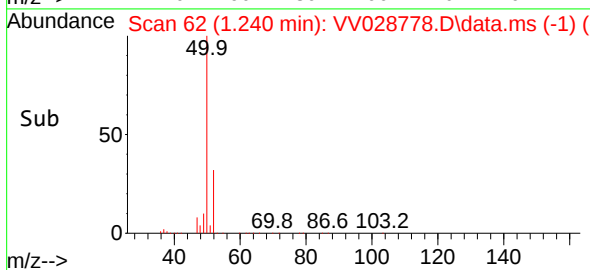
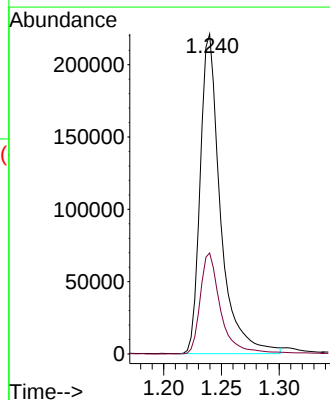
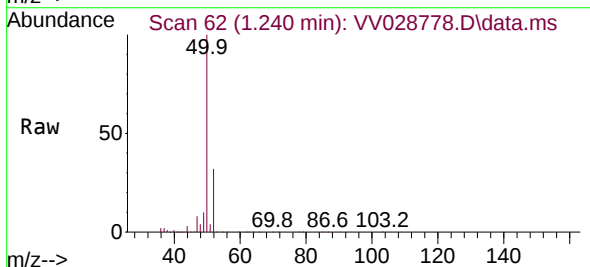
Instrument :
 MSVOA_V
 ClientSampleId :

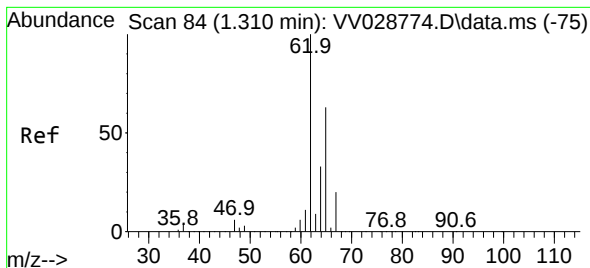
Tgt Ion: 85 Resp: 165378
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.4 38.0



#3
 Chloromethane
 Concen: 47.705 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV028778.D
 Acq: 31 Oct 2022 13:44

Tgt Ion: 50 Resp: 269065
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.7 42.1





#5

Vinyl chloride

Concen: 47.975 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Instrument :

MSVOA_V

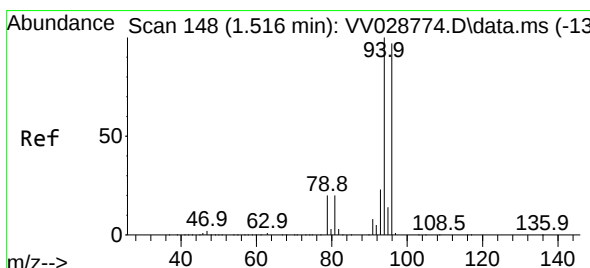
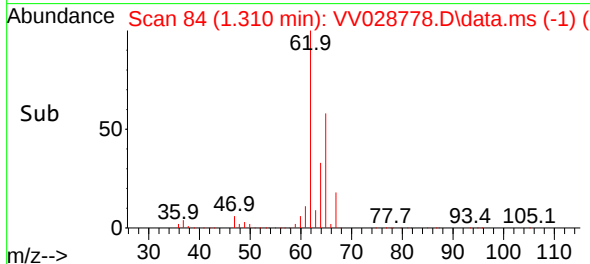
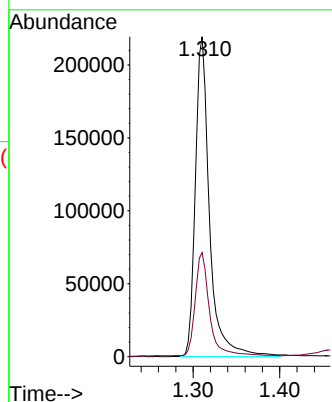
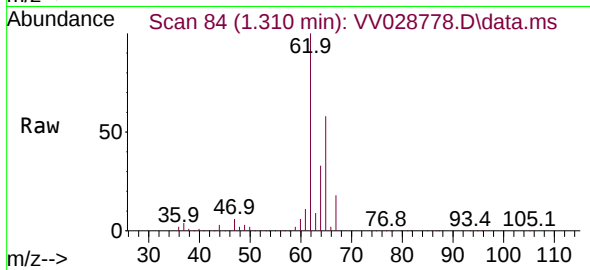
ClientSampleId :

Tgt Ion: 62 Resp: 248550

Ion Ratio Lower Upper

62 100

64 32.6 23.2 43.0



#6

Bromomethane

Concen: 46.768 ug/L

RT: 1.513 min Scan# 147

Delta R.T. -0.003 min

Lab File: VV028778.D

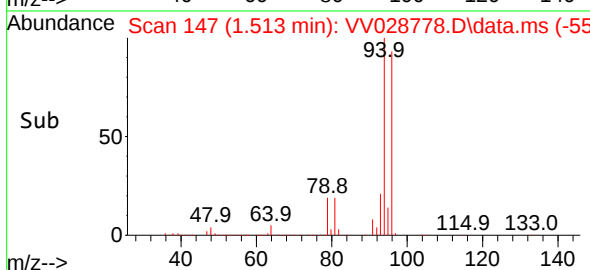
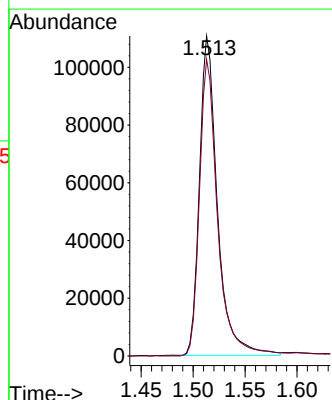
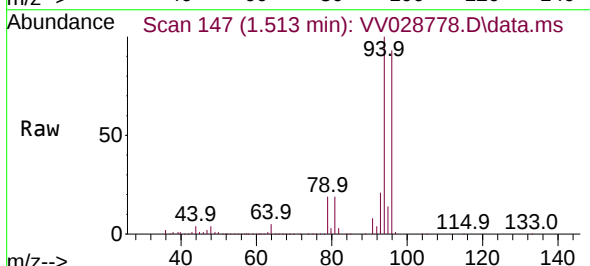
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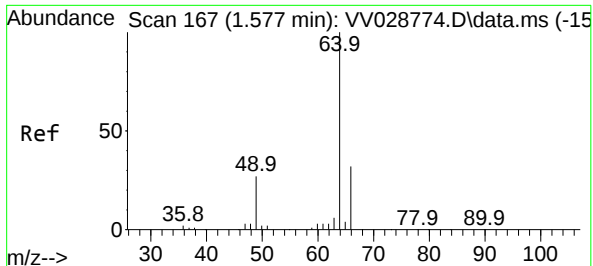
Tgt Ion: 94 Resp: 133692

Ion Ratio Lower Upper

94 100

96 92.7 67.6 125.6





#8

Chloroethane

Concen: 47.558 ug/L

RT: 1.581 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Instrument :

MSVOA_V

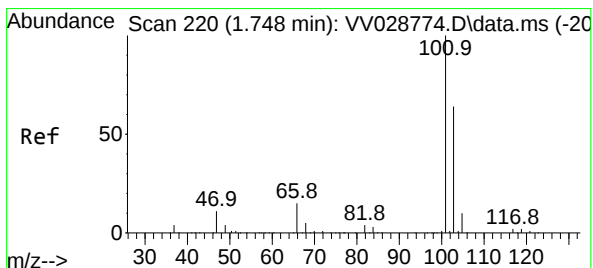
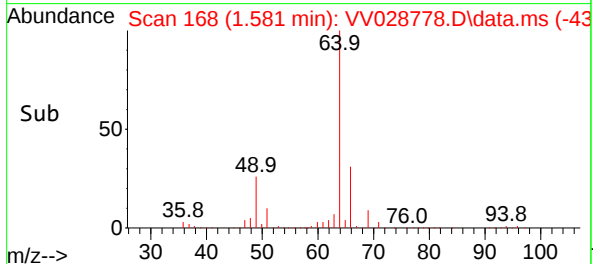
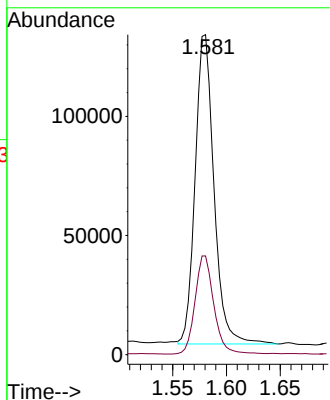
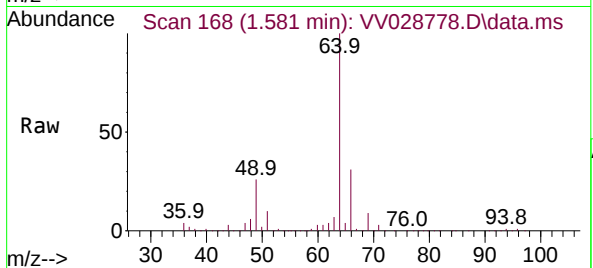
ClientSampleId :

Tgt Ion: 64 Resp: 158220

Ion Ratio Lower Upper

64 100

66 30.9 21.7 40.3



#9

Trichlorofluoromethane

Concen: 47.623 ug/L

RT: 1.748 min Scan# 220

Delta R.T. 0.000 min

Lab File: VV028778.D

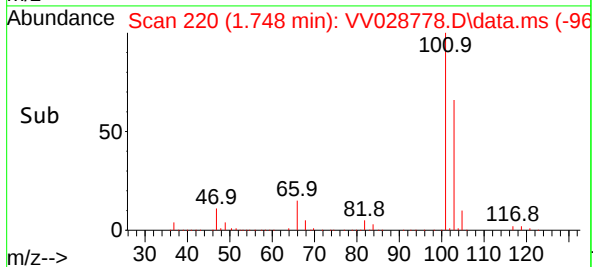
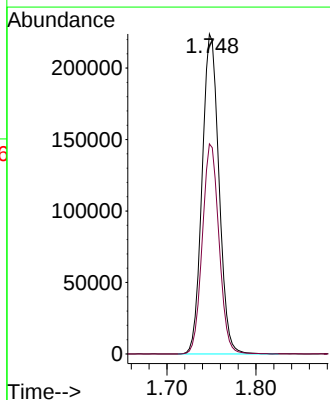
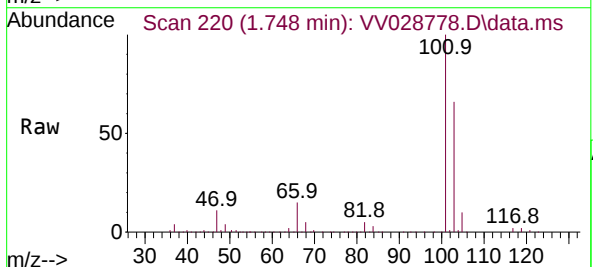
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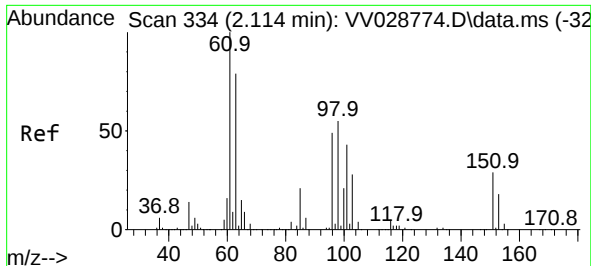
Tgt Ion:101 Resp: 293411

Ion Ratio Lower Upper

101 100

103 65.0 51.6 77.4





#10

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

Concen: 48.121 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Instrument :

MSVOA_V

ClientSampleId :

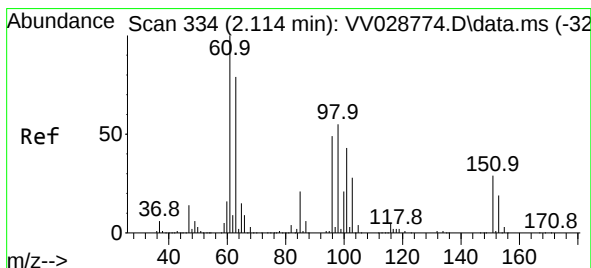
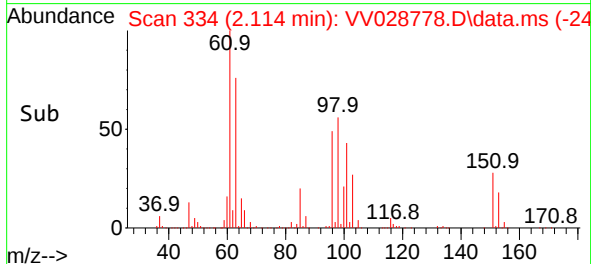
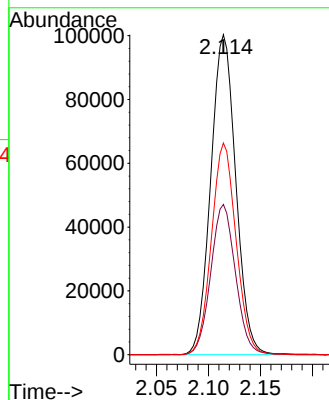
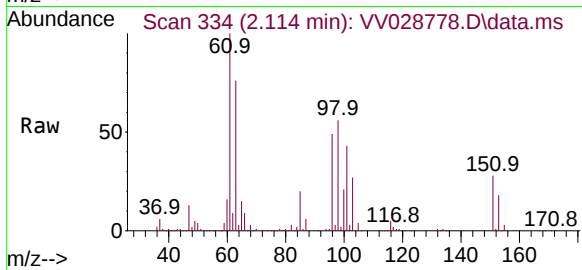
Tgt Ion:101 Resp: 167980

Ion Ratio Lower Upper

101 100

85 46.4 38.0 57.0

151 65.2 52.7 79.1



#12

1,1-Dichloroethene

Concen: 47.332 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

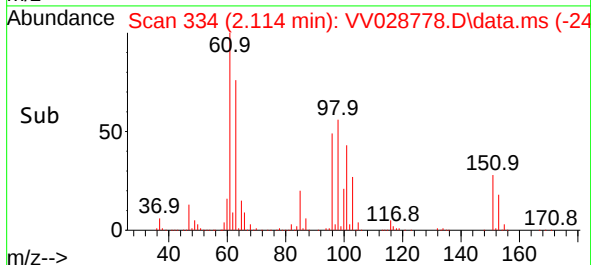
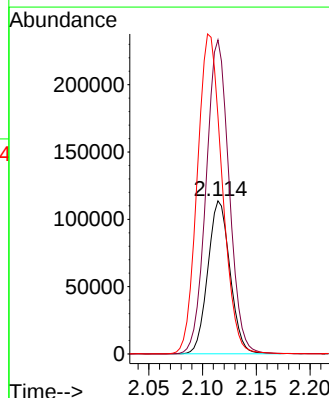
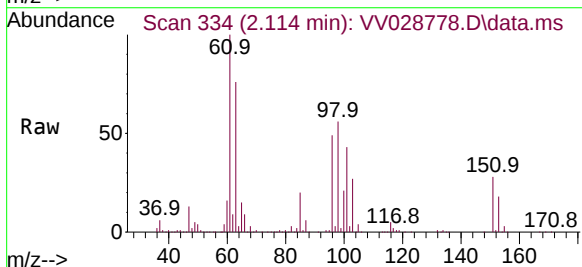
Tgt Ion: 96 Resp: 162681

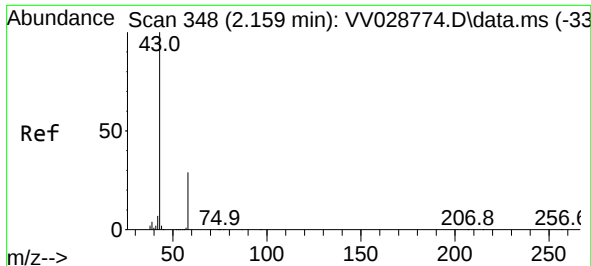
Ion Ratio Lower Upper

96 100

61 205.1 142.7 265.1

63 155.2 112.5 208.9





#13

Acetone

Concen: 93.705 ug/L

RT: 2.159 min Scan# 348

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Instrument :

MSVOA_V

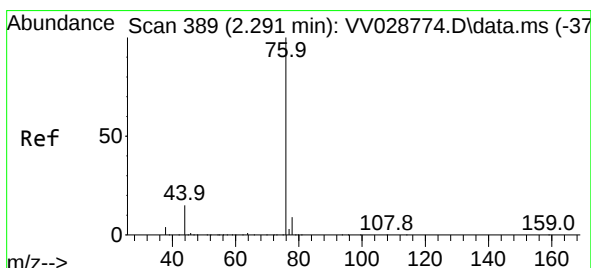
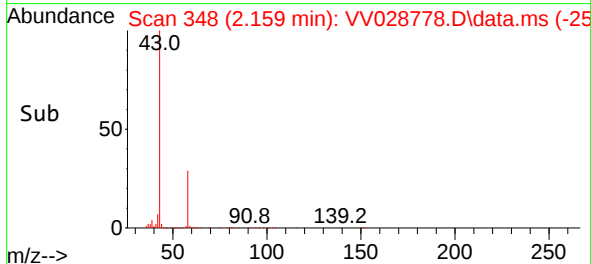
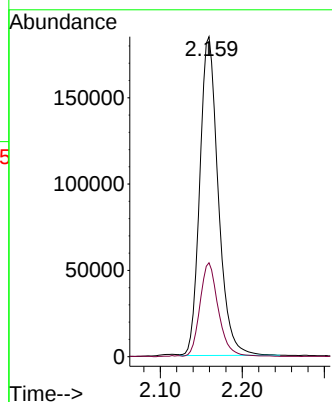
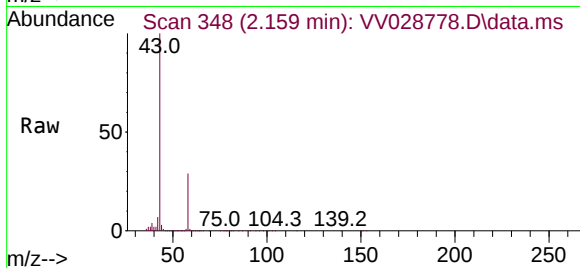
ClientSampleId :

Tgt Ion: 43 Resp: 288506

Ion Ratio Lower Upper

43 100

58 28.9 0.0 59.0



#14

Carbon disulfide

Concen: 48.742 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV028778.D

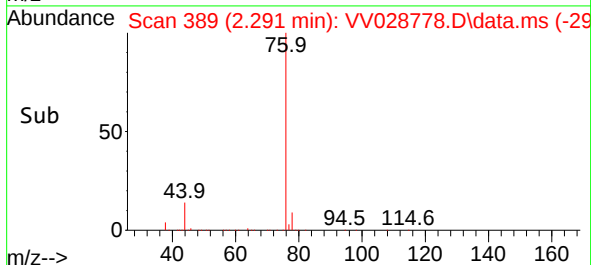
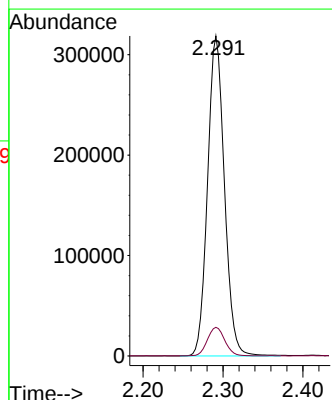
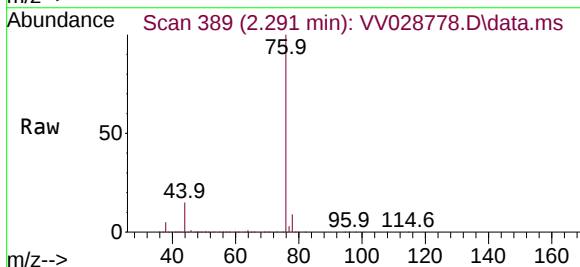
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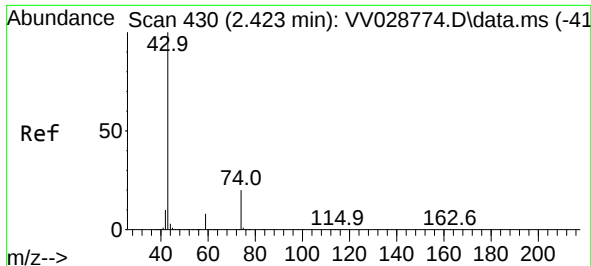
Tgt Ion: 76 Resp: 467290

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

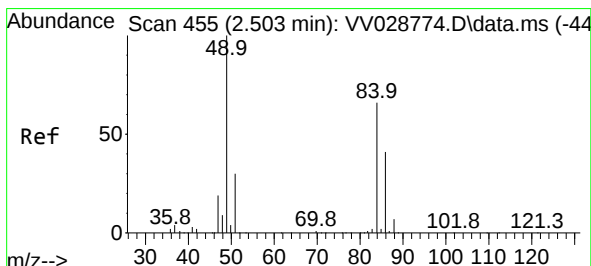
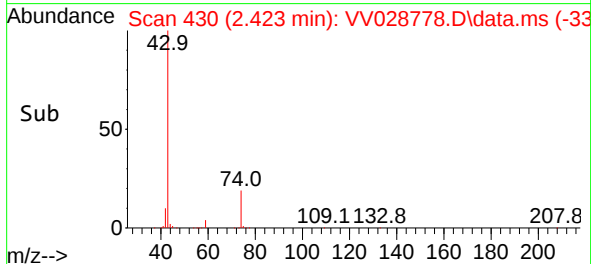
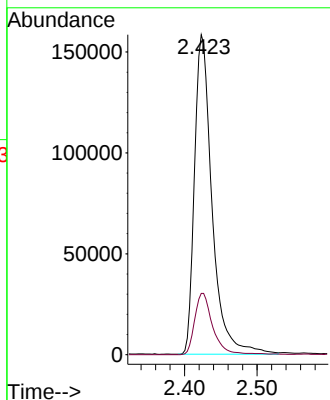
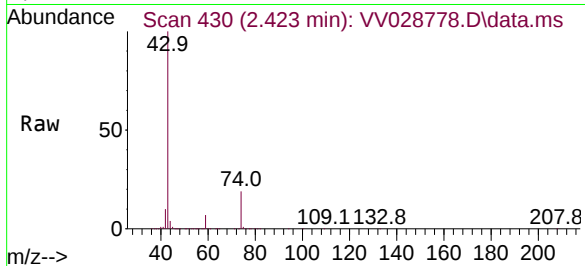




#15
Methyl Acetate
Concen: 51.724 ug/L
RT: 2.423 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

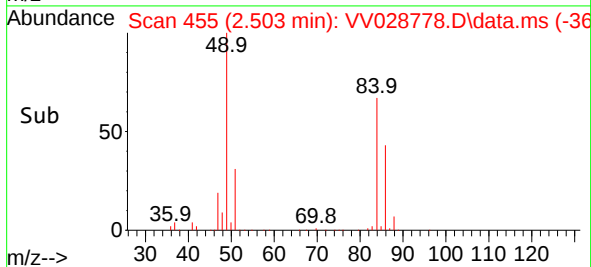
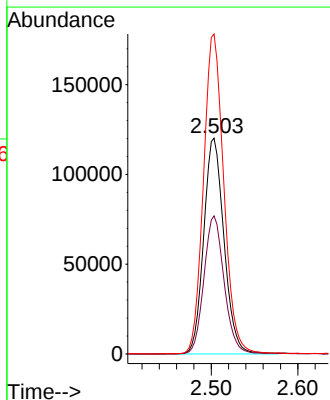
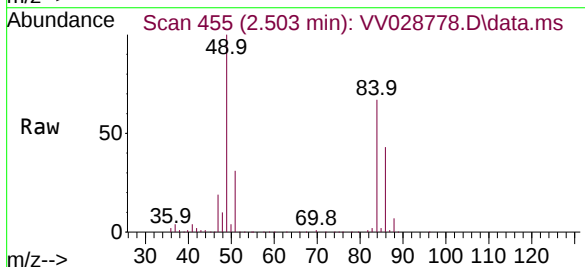
Instrument :
MSVOA_V
ClientSampleId :

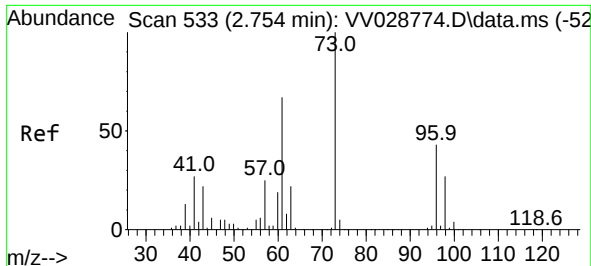
Tgt Ion: 43 Resp: 267283
Ion Ratio Lower Upper
43 100
74 19.4 15.6 23.4



#16
Methylene chloride
Concen: 46.969 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

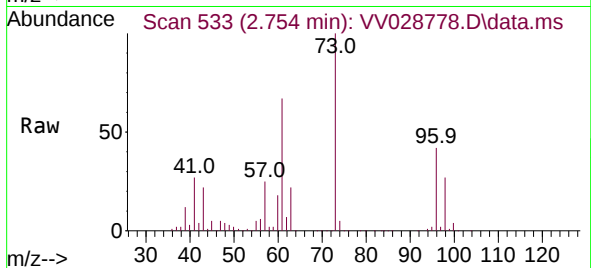
Tgt Ion: 84 Resp: 195867
Ion Ratio Lower Upper
84 100
86 64.0 43.7 81.1
49 148.3 105.3 195.5



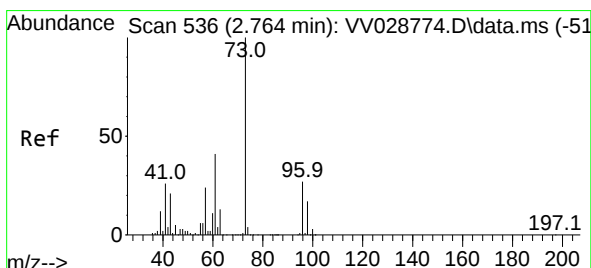
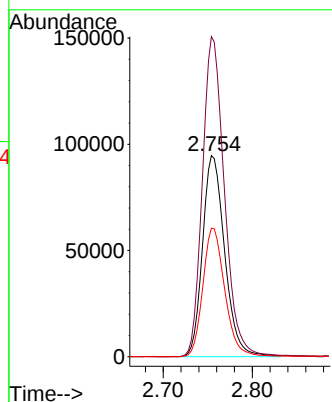
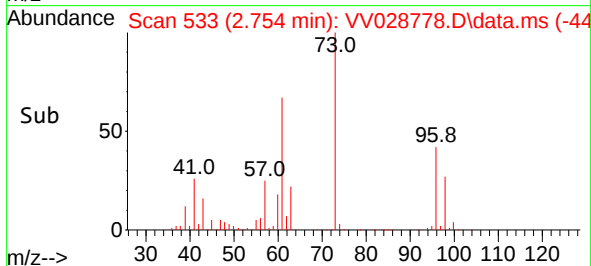


#17
trans-1,2-Dichloroethene
Concen: 49.275 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

Instrument :
MSVOA_V
ClientSampleId :

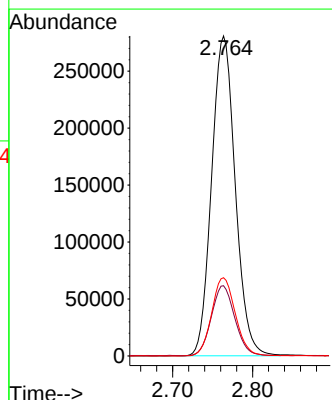
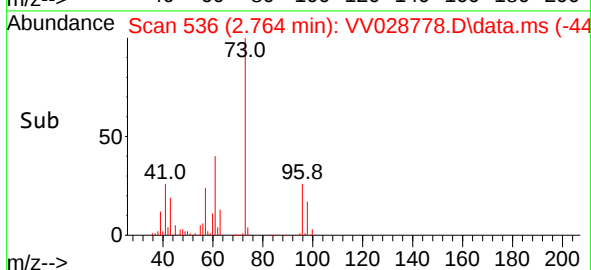
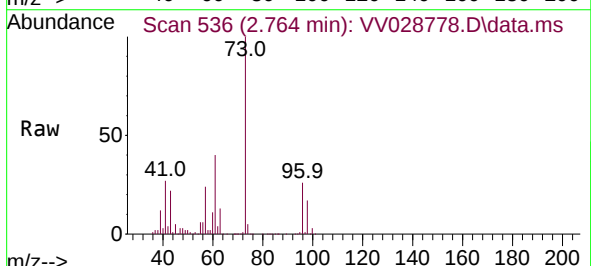


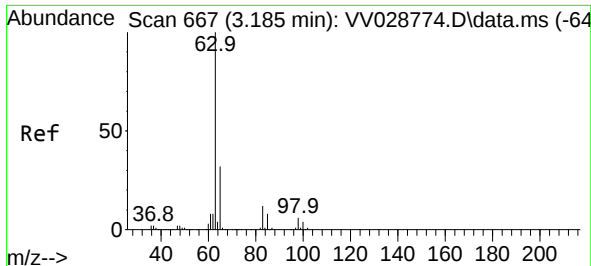
Tgt Ion: 96 Resp: 163815
Ion Ratio Lower Upper
96 100
61 159.2 109.4 203.2
98 63.9 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 50.131 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

Tgt Ion: 73 Resp: 575727
Ion Ratio Lower Upper
73 100
43 21.6 17.1 25.7
57 24.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 49.134 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Instrument :

MSVOA_V

ClientSampleId :

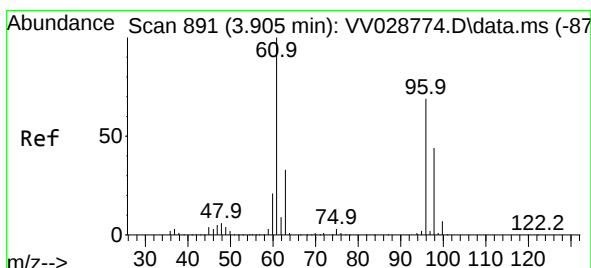
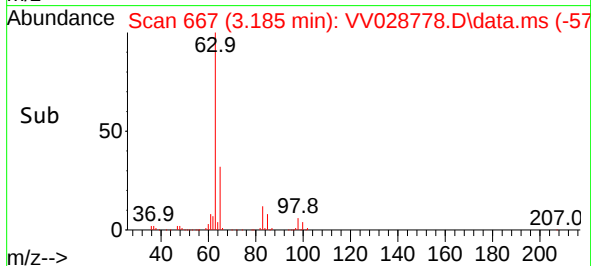
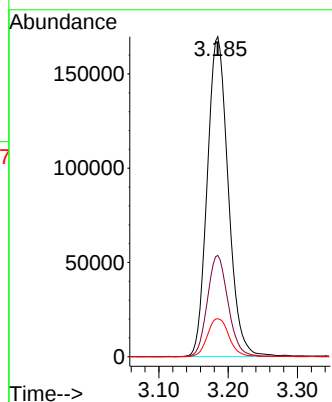
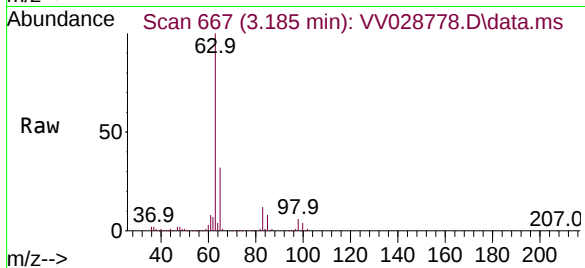
Tgt Ion: 63 Resp: 355914

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.9

83 11.8 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 50.048 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

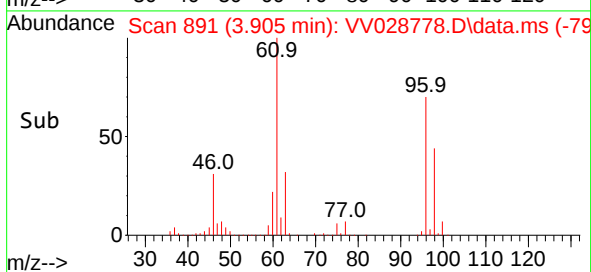
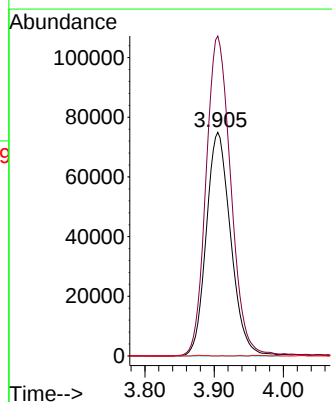
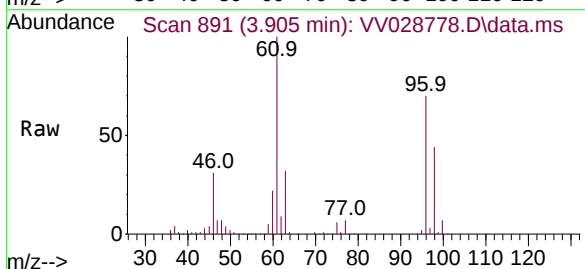
Tgt Ion: 96 Resp: 183583

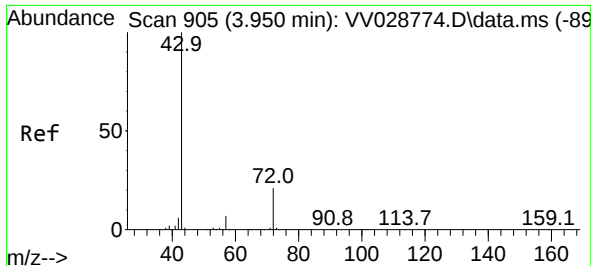
Ion Ratio Lower Upper

96 100

61 143.1 102.3 190.1

68 0.0 0.1 0.3

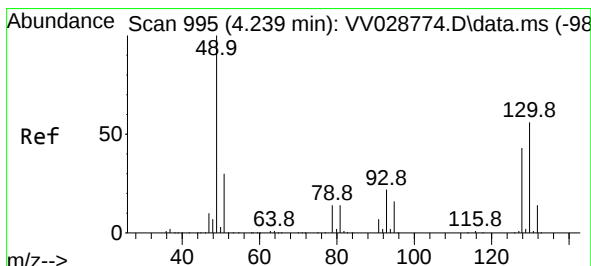
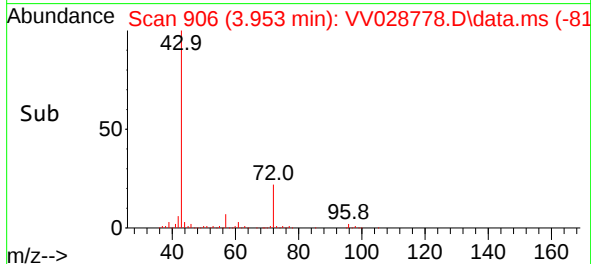
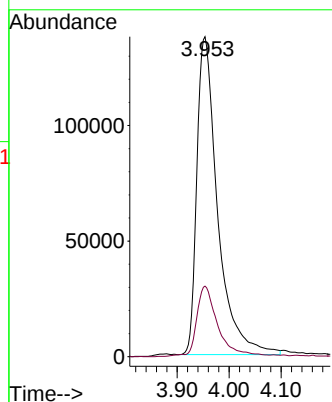
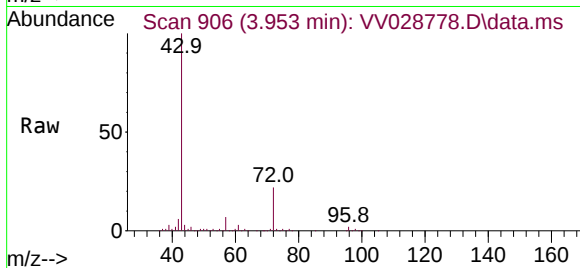




#22
2-Butanone
Concen: 101.277 ug/L
RT: 3.953 min Scan# 905
Delta R.T. 0.003 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

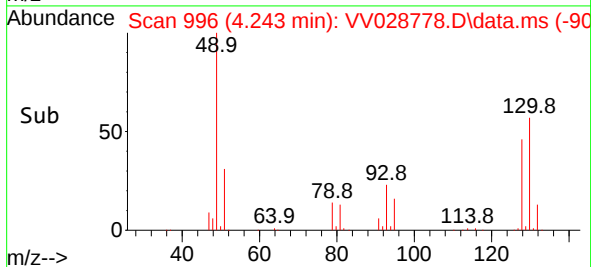
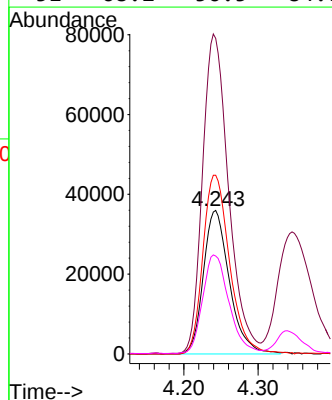
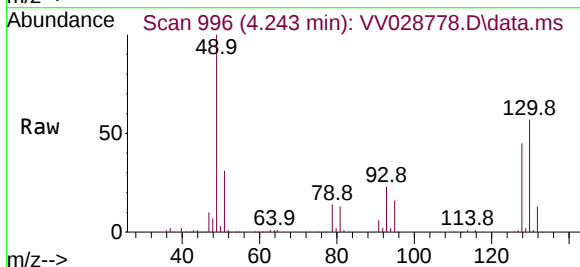
Instrument :
MSVOA_V
ClientSampleId :

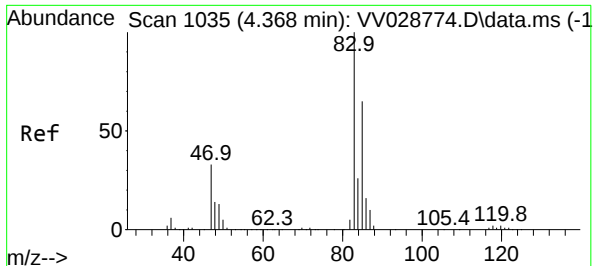
Tgt Ion: 43 Resp: 383071
Ion Ratio Lower Upper
43 100
72 20.5 10.0 30.0



#23
Bromochloromethane
Concen: 50.239 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.003 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

Tgt Ion:128 Resp: 87712
Ion Ratio Lower Upper
128 100
49 219.9 161.8 300.6
130 124.6 89.9 166.9
51 68.2 56.5 84.7





#25

Chloroform

Concen: 49.202 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Instrument :

MSVOA_V

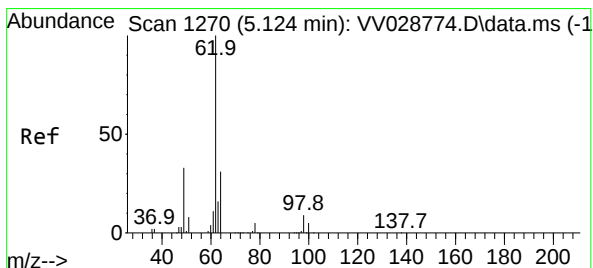
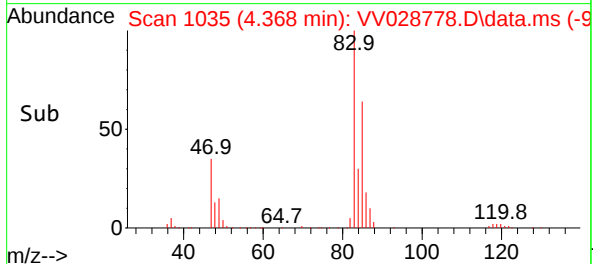
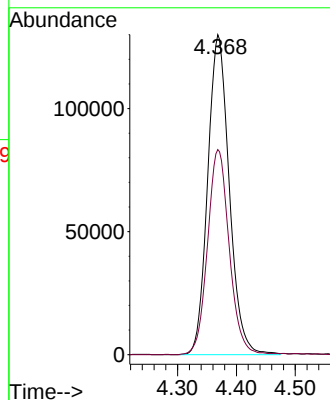
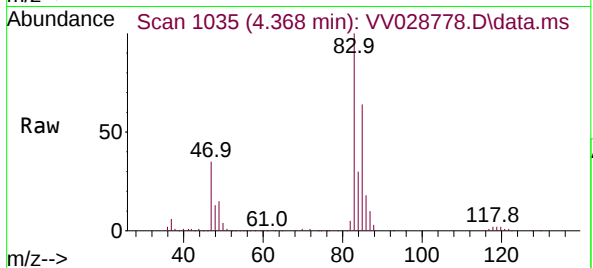
ClientSampleId :

Tgt Ion: 83 Resp: 331079

Ion Ratio Lower Upper

83 100

85 64.1 45.3 84.1



#27

1,2-Dichloroethane

Concen: 50.738 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV028778.D

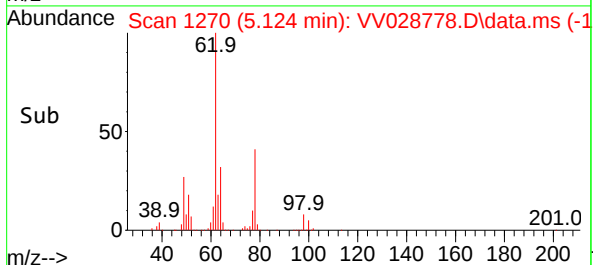
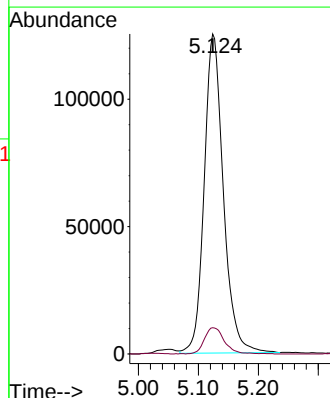
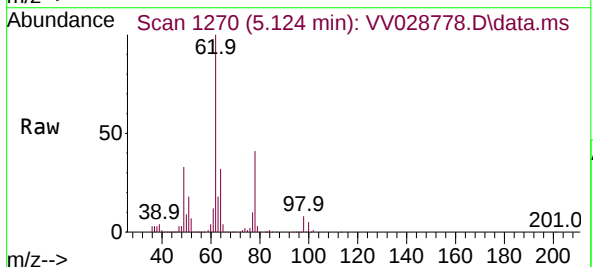
Acq: 31 Oct 2022 13:44

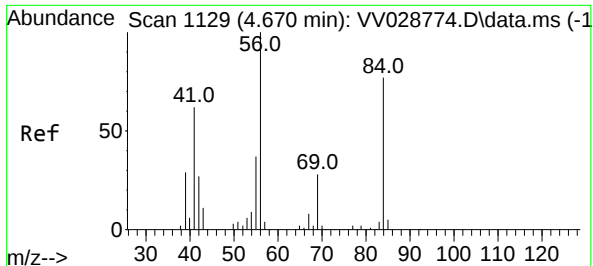
Tgt Ion: 62 Resp: 278819

Ion Ratio Lower Upper

62 100

98 8.2 6.9 10.3





#29

Cyclohexane

Concen: 50.180 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Instrument :

MSVOA_V

ClientSampleId :

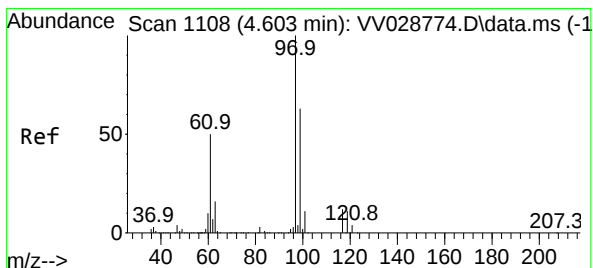
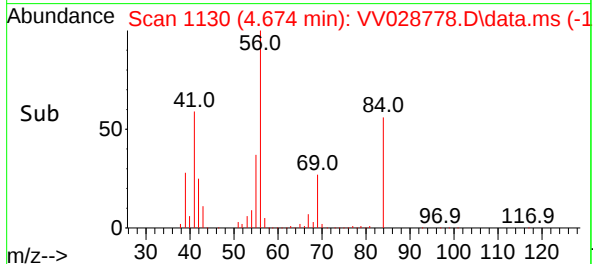
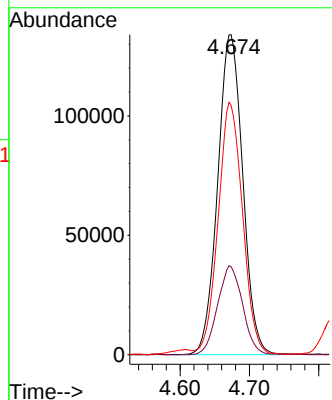
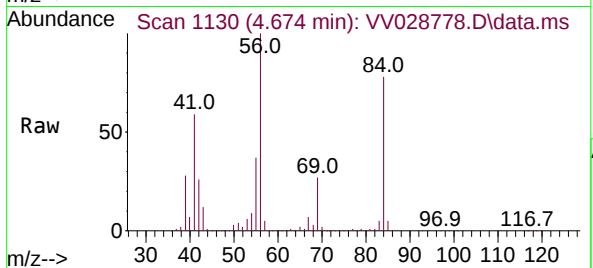
Tgt Ion: 56 Resp: 337260

Ion Ratio Lower Upper

56 100

69 27.6 22.2 33.2

84 76.9 62.3 93.5



#30

1,1,1-Trichloroethane

Concen: 49.985 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

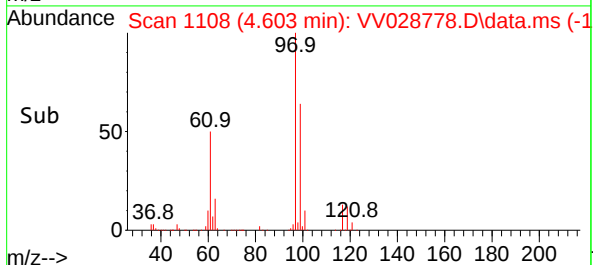
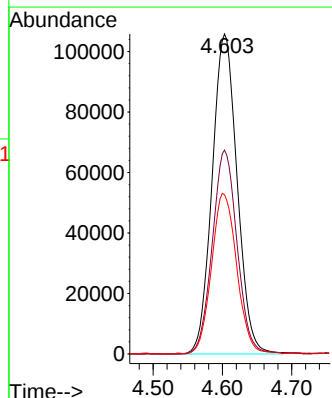
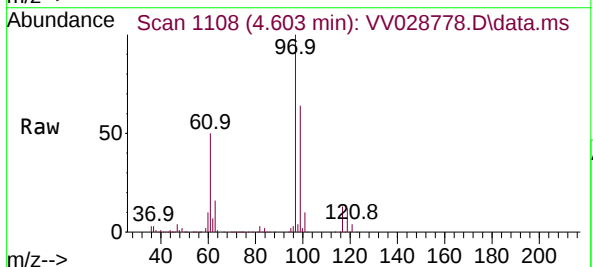
Tgt Ion: 97 Resp: 265390

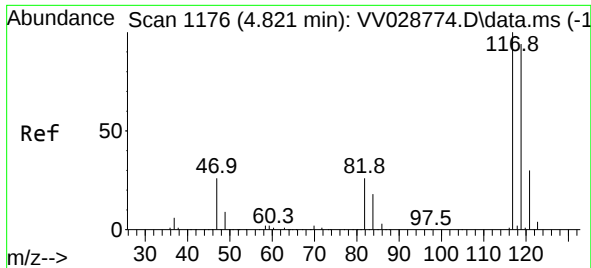
Ion Ratio Lower Upper

97 100

99 63.1 50.2 75.4

61 50.1 40.2 60.4

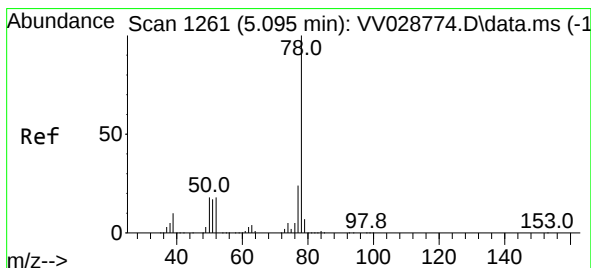
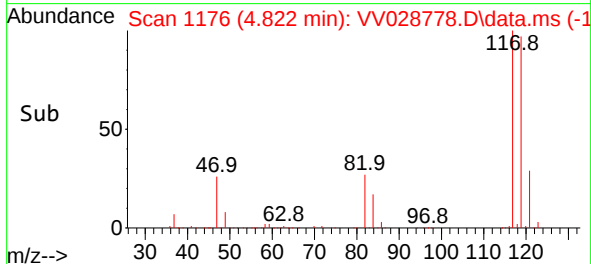
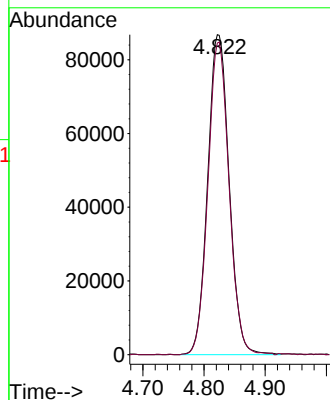
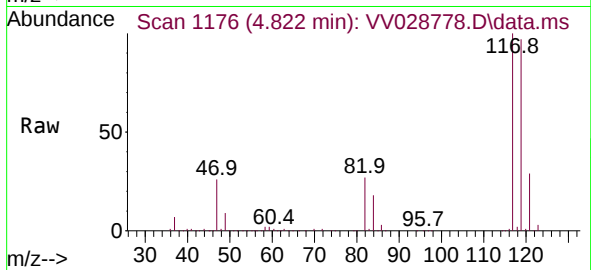




#31
Carbon tetrachloride
Concen: 49.975 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

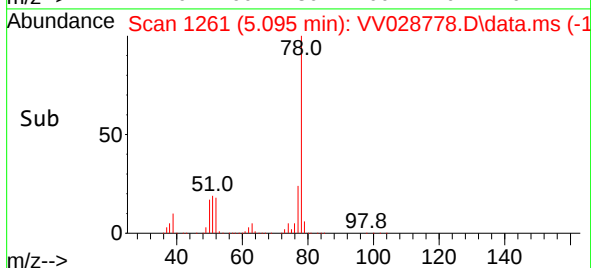
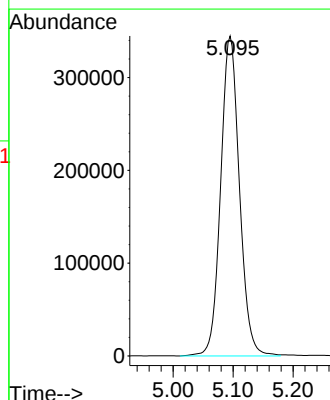
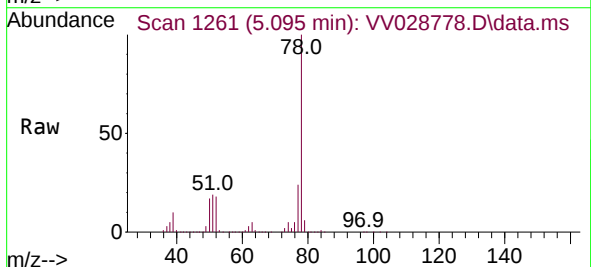
Instrument :
MSVOA_V
ClientSampleId :

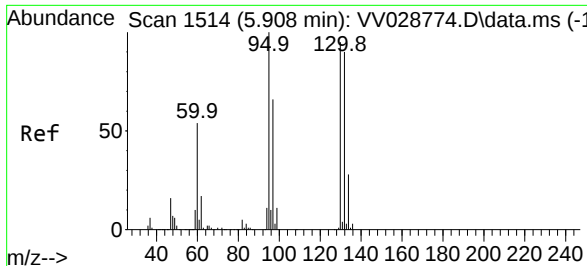
Tgt Ion:117 Resp: 211997
Ion Ratio Lower Upper
117 100
119 95.8 76.1 114.1



#33
Benzene
Concen: 50.383 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

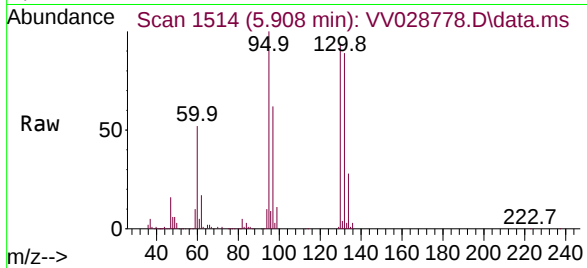
Tgt Ion: 78 Resp: 747129



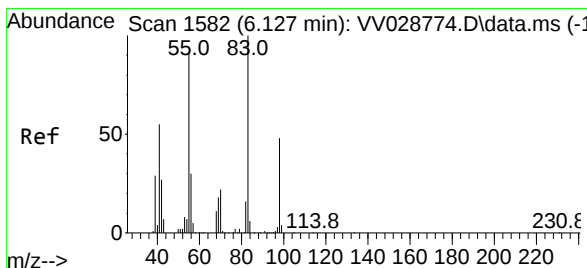
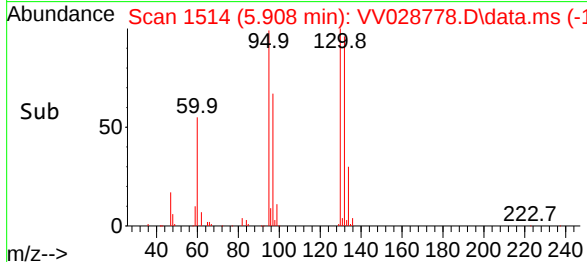
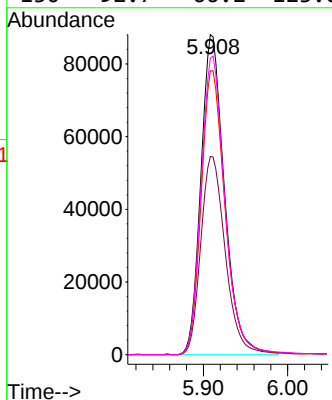


#34
Trichloroethene
Concen: 49.493 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

Instrument :
MSVOA_V
ClientSampleId :

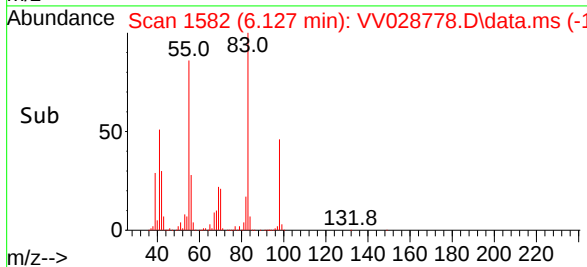
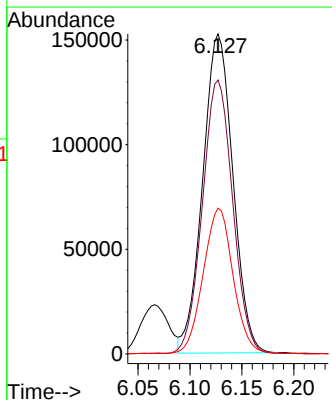
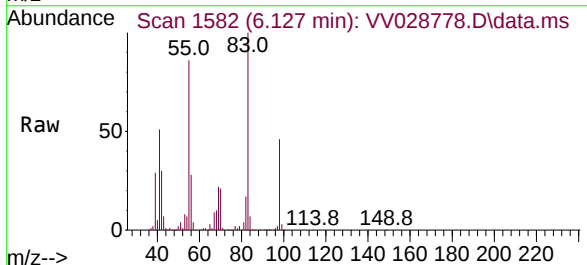


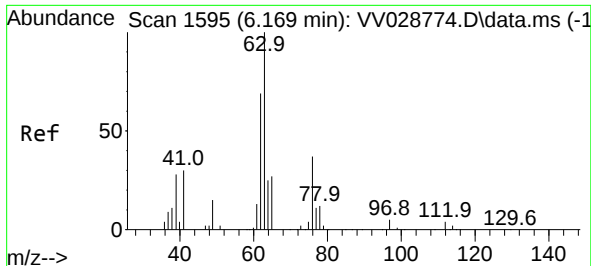
Tgt Ion: 95 Resp: 171633
Ion Ratio Lower Upper
95 100
97 62.0 46.2 85.8
132 88.7 63.2 117.4
130 92.7 66.2 123.0



#35
Methylcyclohexane
Concen: 50.121 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

Tgt Ion: 83 Resp: 308278
Ion Ratio Lower Upper
83 100
55 86.2 69.4 104.2
98 45.0 37.0 55.4





#37

1,2-Dichloropropane

Concen: 50.017 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Instrument :

MSVOA_V

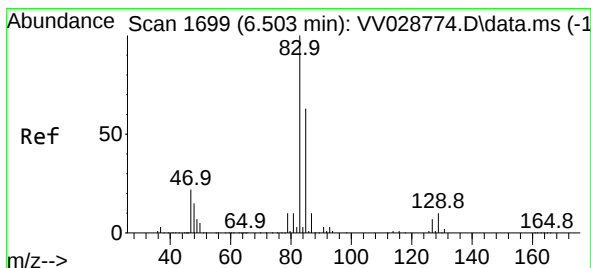
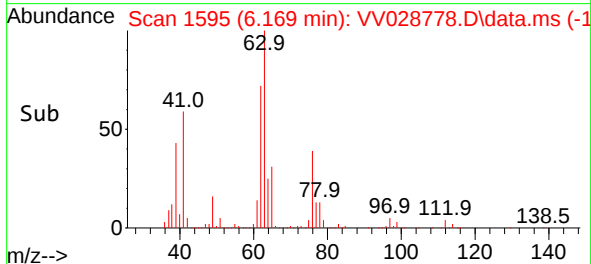
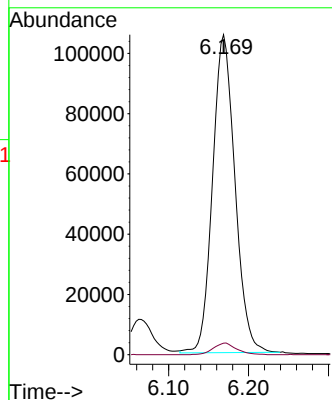
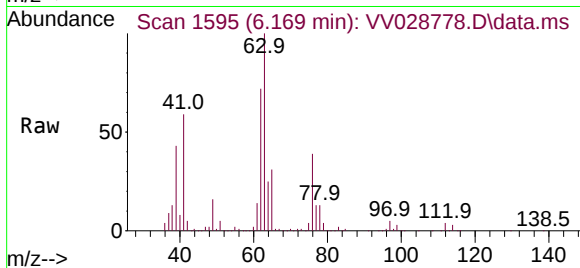
ClientSampleId :

Tgt Ion: 63 Resp: 205215

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#38

Bromodichloromethane

Concen: 50.840 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

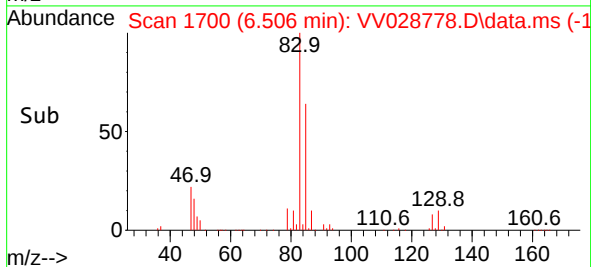
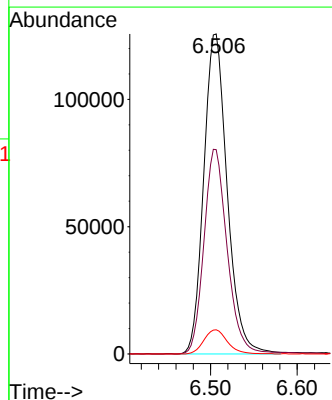
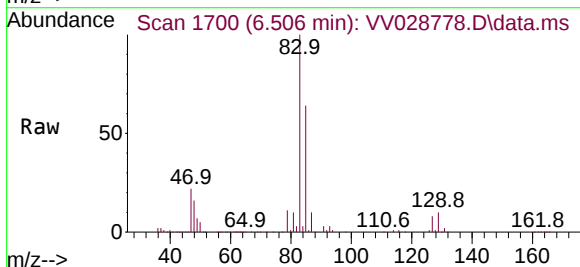
Tgt Ion: 83 Resp: 236974

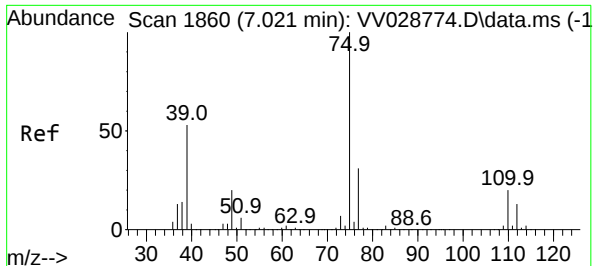
Ion Ratio Lower Upper

83 100

85 63.9 44.3 82.3

127 7.5 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 52.061 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Instrument :

MSVOA_V

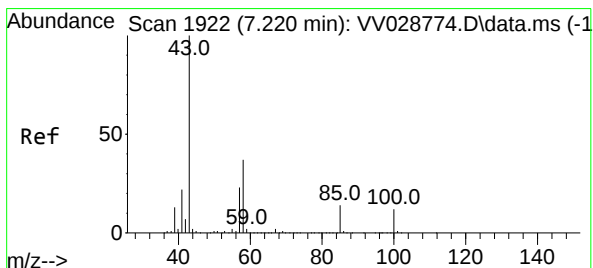
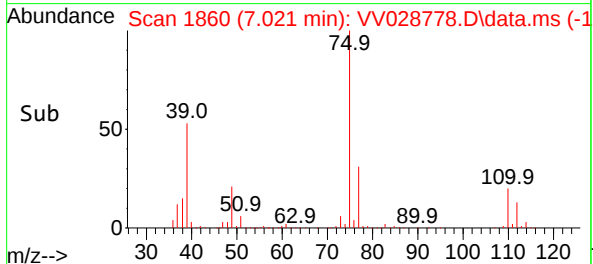
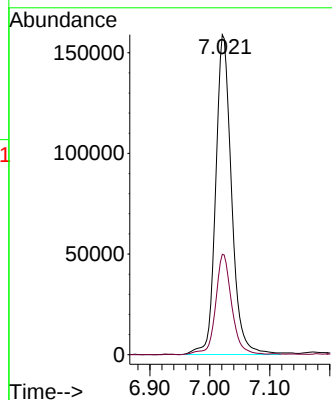
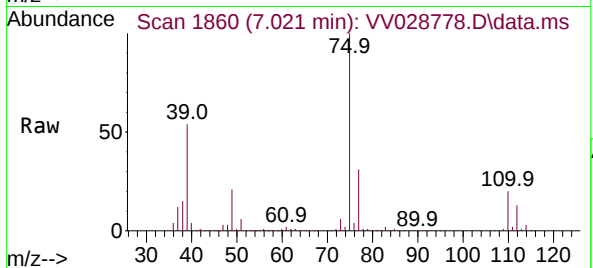
ClientSampleId :

Tgt Ion: 75 Resp: 291710

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 105.744 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

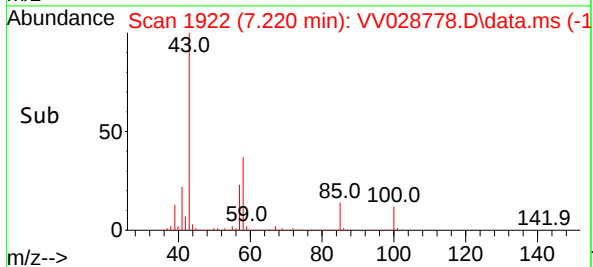
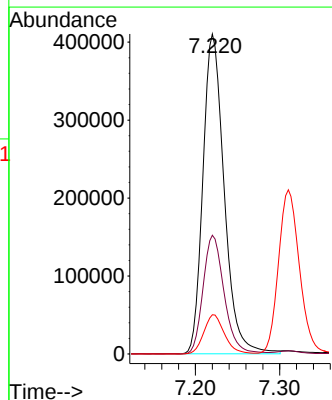
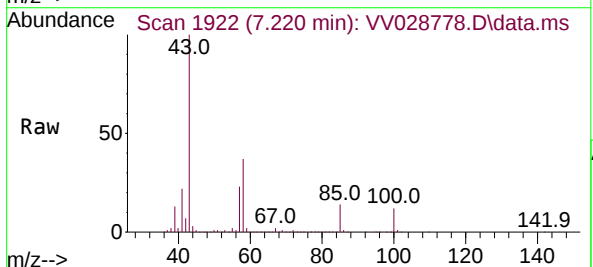
Tgt Ion: 43 Resp: 721543

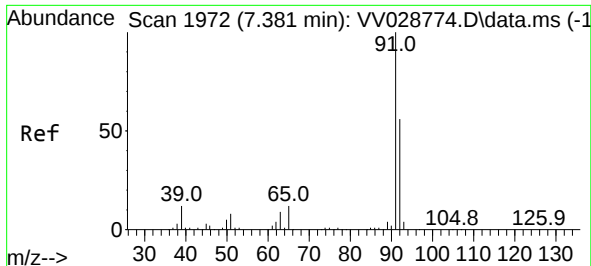
Ion Ratio Lower Upper

43 100

58 36.9 29.1 43.7

100 12.0 9.5 14.3





#42

Toluene

Concen: 50.276 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Instrument :

MSVOA_V

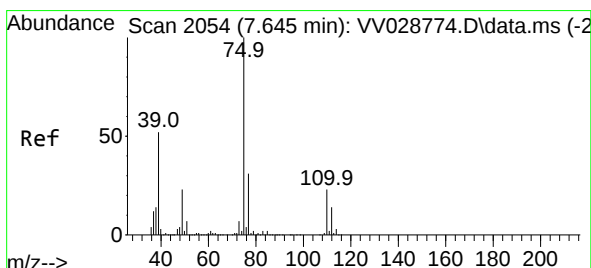
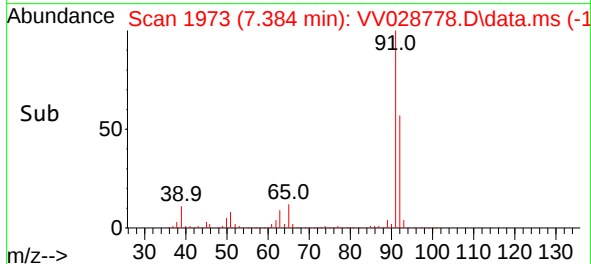
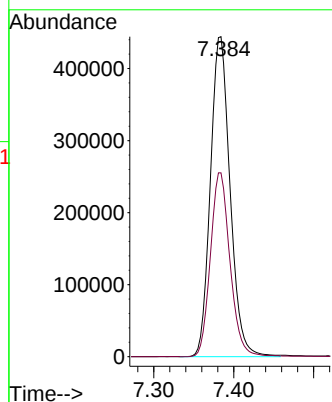
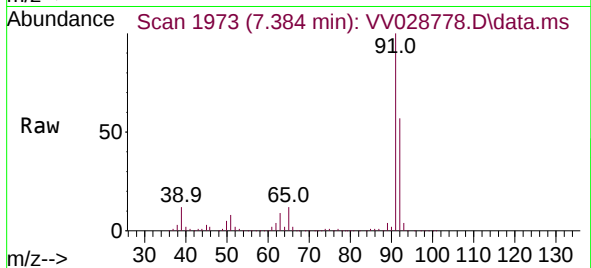
ClientSampleId :

Tgt Ion: 91 Resp: 760151

Ion Ratio Lower Upper

91 100

92 57.4 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 51.895 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VV028778.D

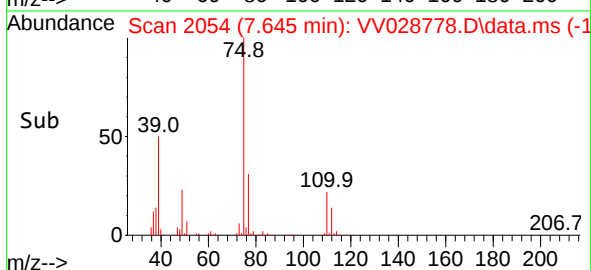
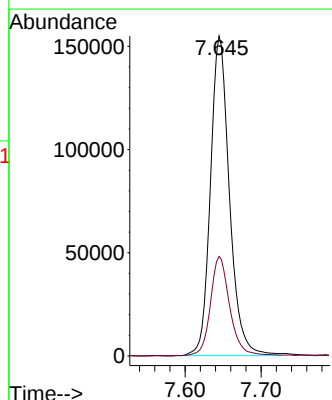
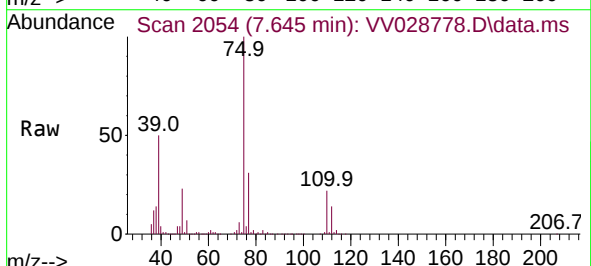
Acq: 31 Oct 2022 13:44

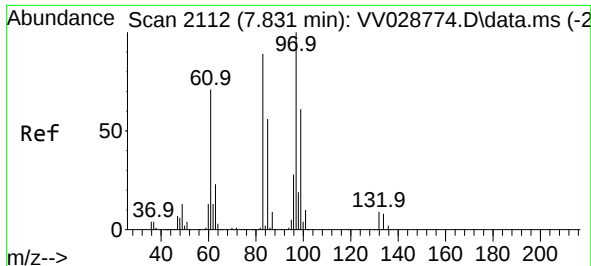
Tgt Ion: 75 Resp: 268893

Ion Ratio Lower Upper

75 100

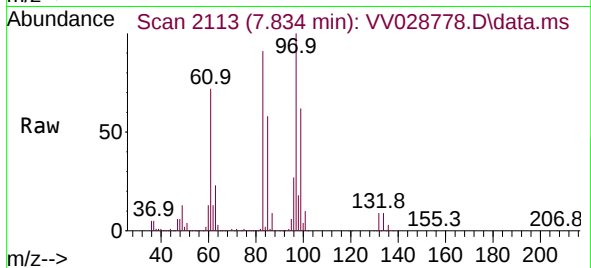
77 31.1 22.0 41.0



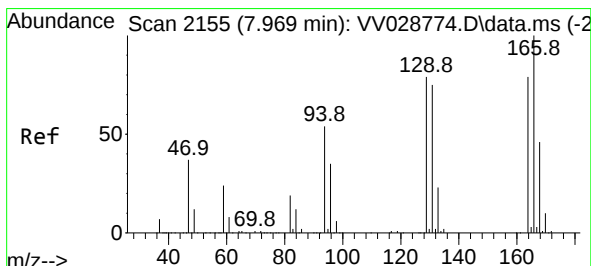
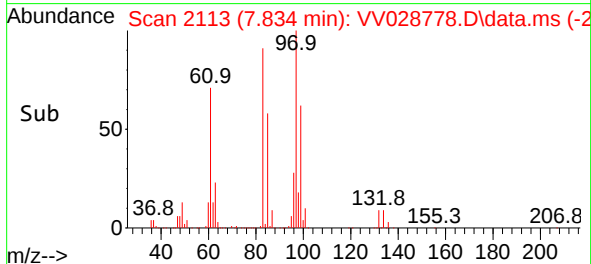
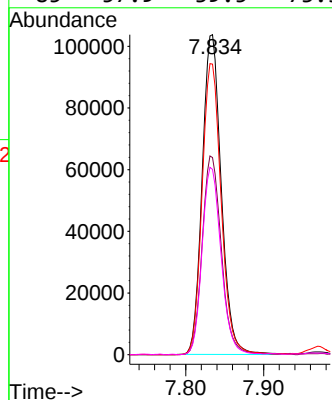


#45
1,1,2-Trichloroethane
Concen: 50.003 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

Instrument :
MSVOA_V
ClientSampleId :

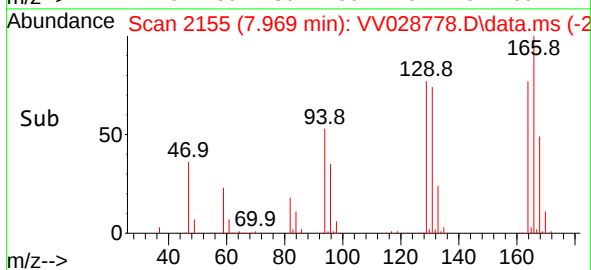
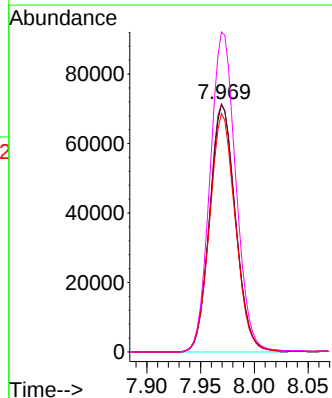
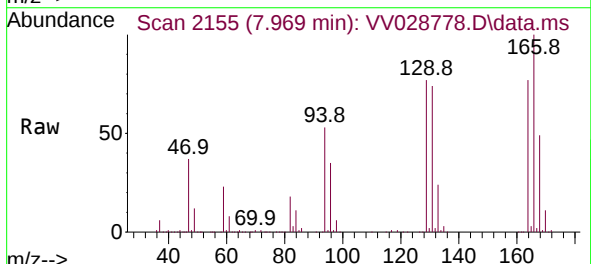


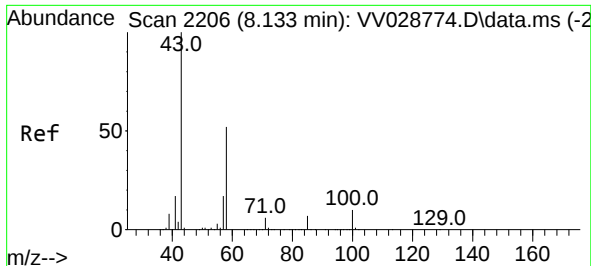
Tgt Ion: 97 Resp: 176007
Ion Ratio Lower Upper
97 100
99 61.6 42.9 79.7
83 90.8 62.7 116.5
85 57.9 39.5 73.3



#46
Tetrachloroethene
Concen: 49.210 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

Tgt Ion: 164 Resp: 118273
Ion Ratio Lower Upper
164 100
129 100.0 69.5 129.1
131 96.2 66.4 123.2
166 129.2 88.5 164.3

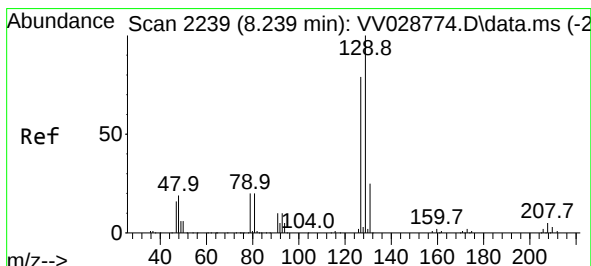
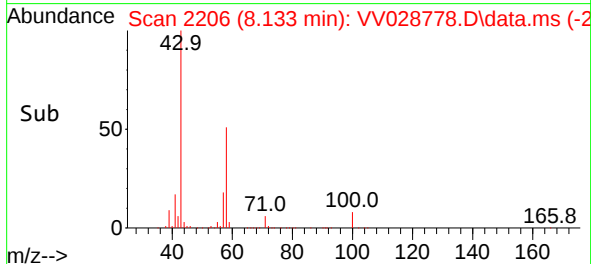
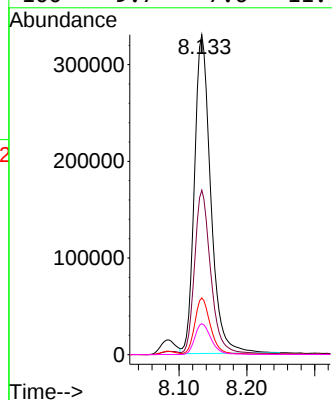
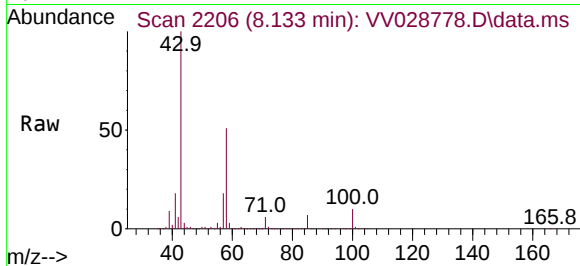




#48
2-Hexanone
Concen: 106.109 ug/L
RT: 8.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

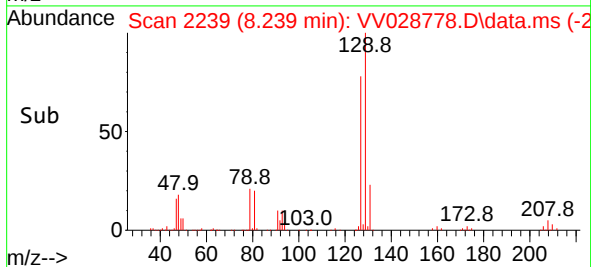
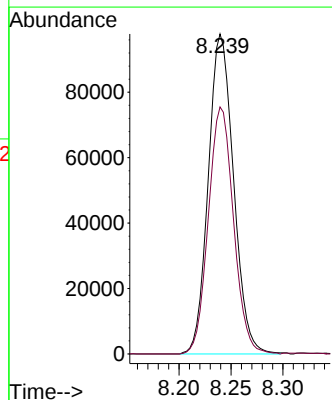
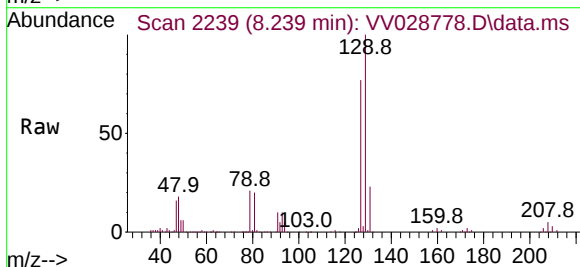
Instrument :
MSVOA_V
ClientSampleId :

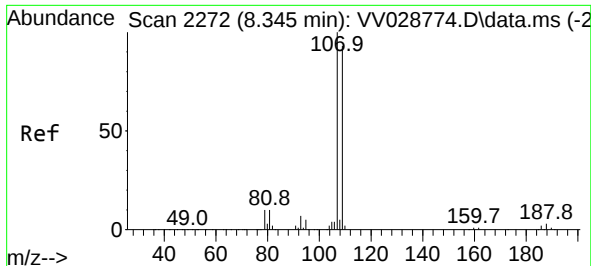
Tgt Ion: 43 Resp: 551429
Ion Ratio Lower Upper
43 100
58 51.1 41.4 62.0
57 16.3 13.8 20.6
100 9.7 7.6 11.4



#49
Dibromochloromethane
Concen: 50.710 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

Tgt Ion:129 Resp: 165229
Ion Ratio Lower Upper
129 100
127 77.2 55.3 102.7





#50

1,2-Dibromoethane

Concen: 51.313 ug/L

RT: 8.346 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Instrument :

MSVOA_V

ClientSampleId :

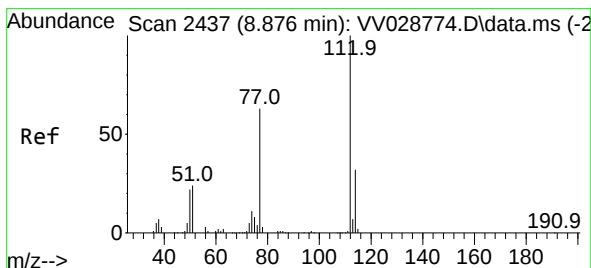
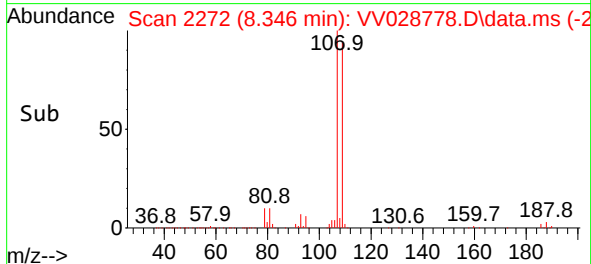
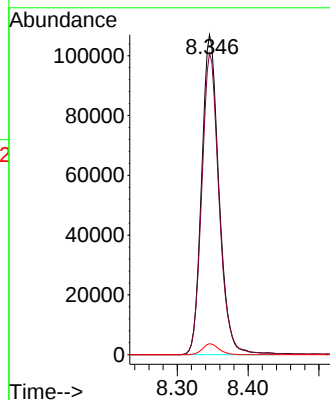
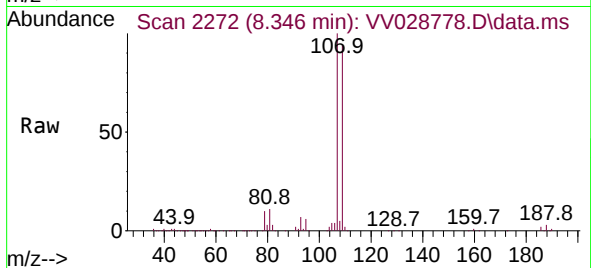
Tgt Ion:107 Resp: 181987

Ion Ratio Lower Upper

107 100

109 94.2 65.2 121.0

188 3.4 2.6 4.0



#51

Chlorobenzene

Concen: 49.271 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

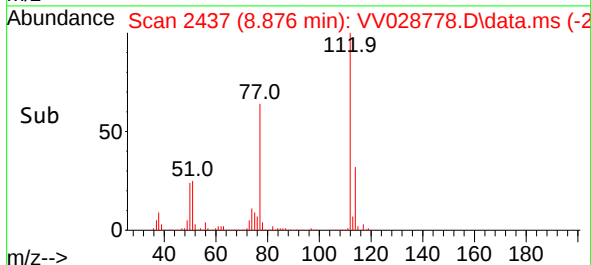
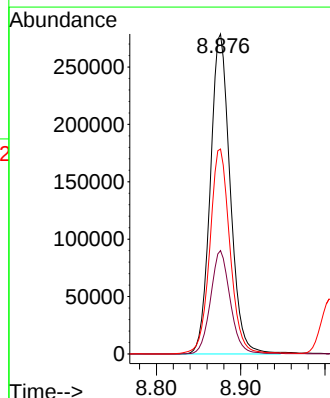
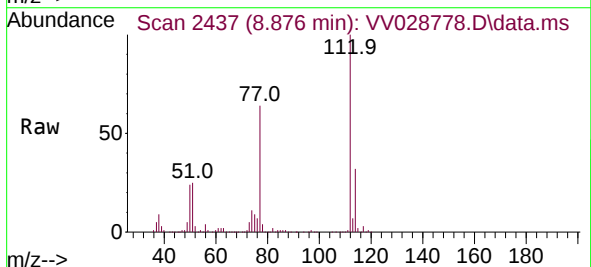
Tgt Ion:112 Resp: 456165

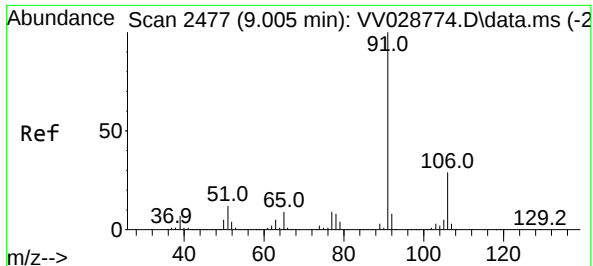
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.5

77 64.1 50.6 75.8





#52

Ethylbenzene

Concen: 50.893 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Instrument :

MSVOA_V

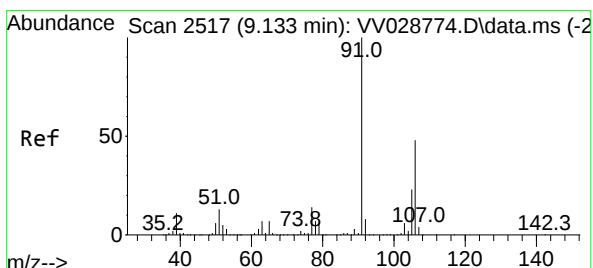
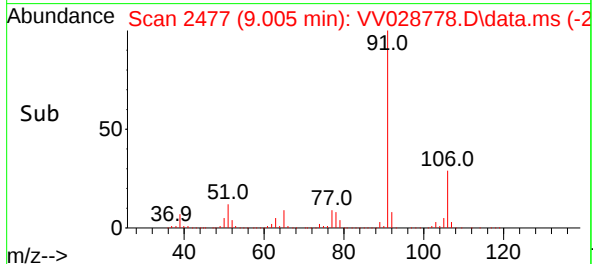
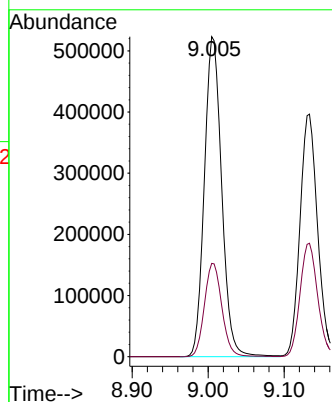
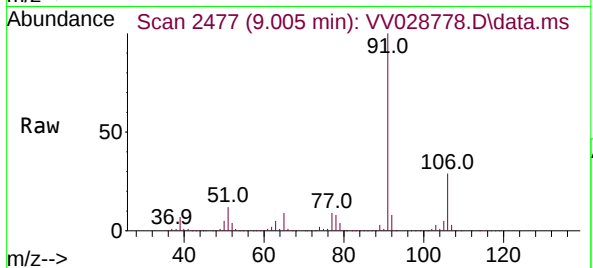
ClientSampleId :

Tgt Ion: 91 Resp: 827790

Ion Ratio Lower Upper

91 100

106 29.1 20.4 38.0



#53

m,p-Xylene

Concen: 50.339 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.000 min

Lab File: VV028778.D

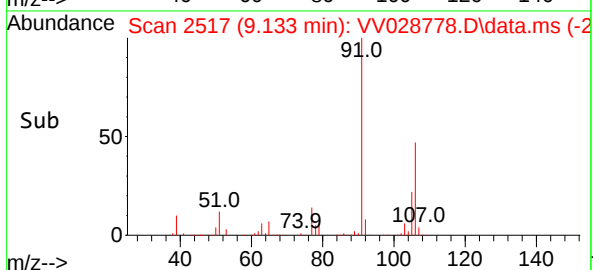
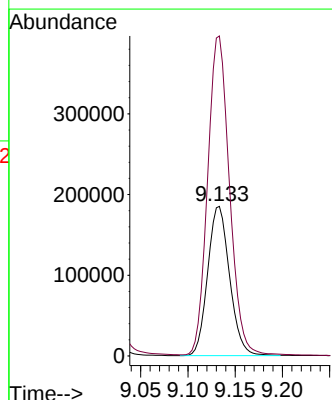
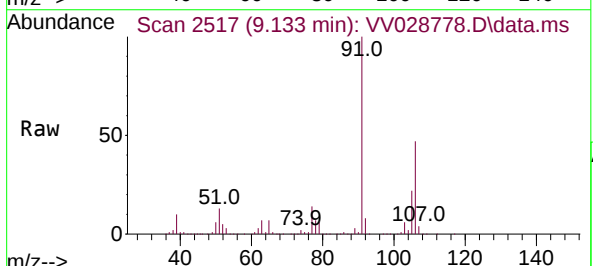
Acq: 31 Oct 2022 13:44

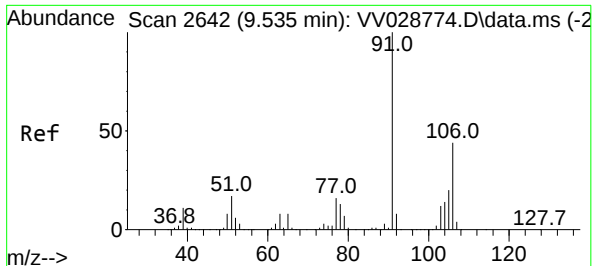
Tgt Ion: 106 Resp: 298629

Ion Ratio Lower Upper

106 100

91 213.8 146.2 271.6

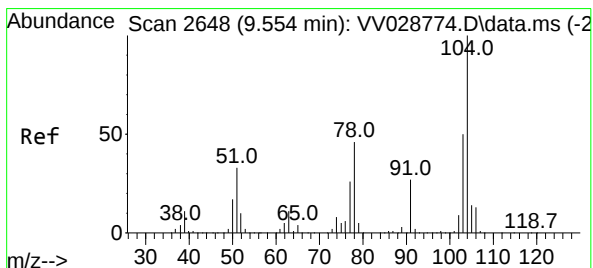
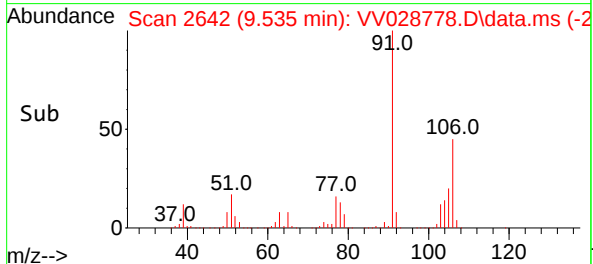
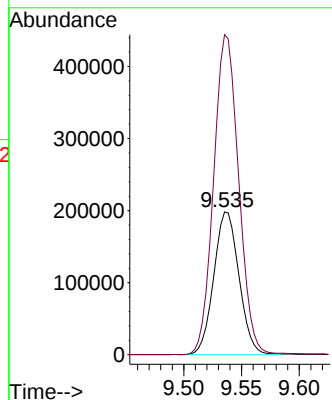
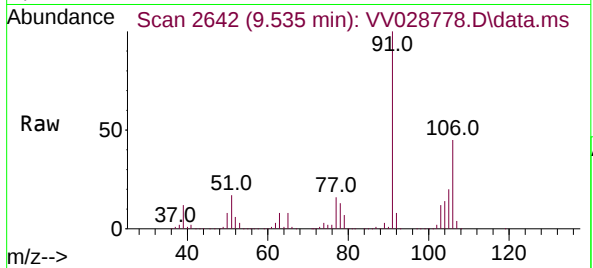




#54
o-Xylene
Concen: 50.660 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

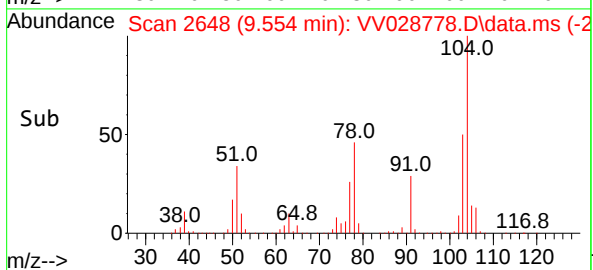
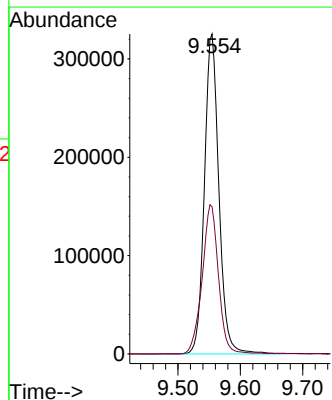
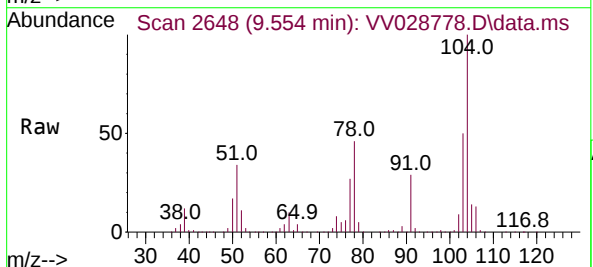
Instrument :
MSVOA_V
ClientSampleId :

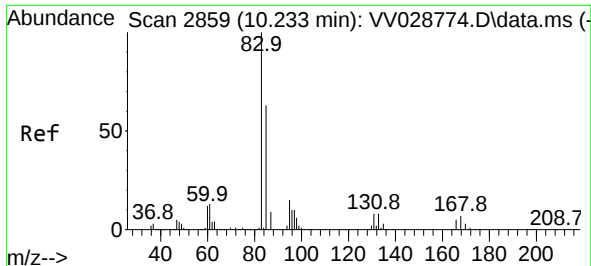
Tgt Ion:106 Resp: 300039
Ion Ratio Lower Upper
106 100
91 224.2 158.1 293.7



#55
Styrene
Concen: 51.812 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

Tgt Ion:104 Resp: 526235
Ion Ratio Lower Upper
104 100
78 46.0 31.9 59.3

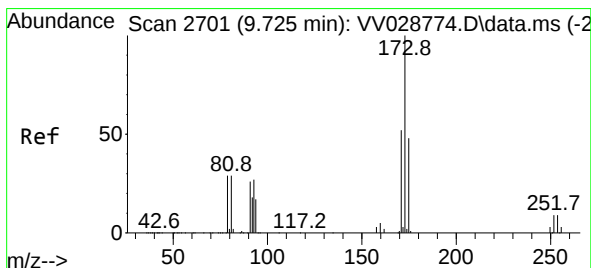
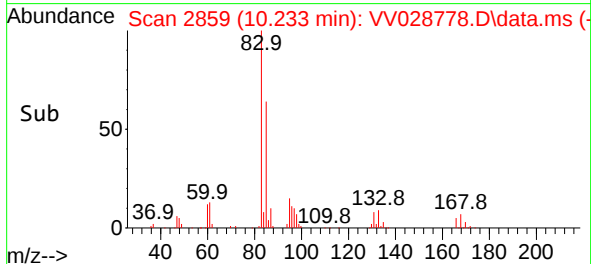
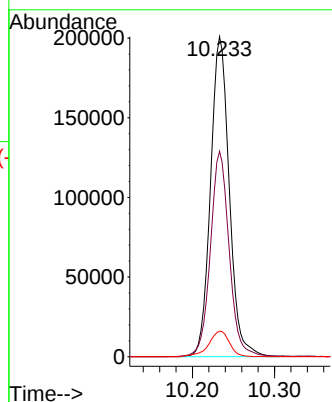
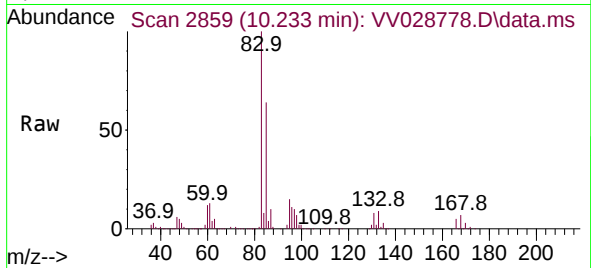




#57
1,1,2,2-Tetrachloroethane
Concen: 51.285 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

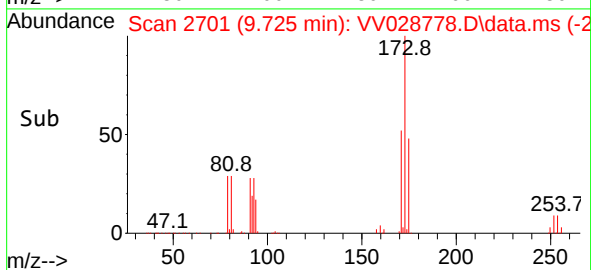
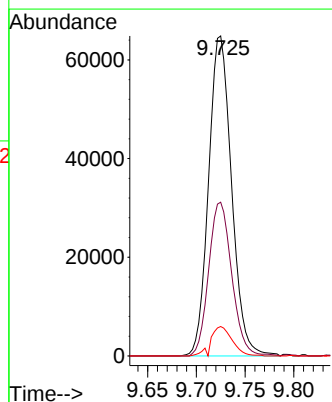
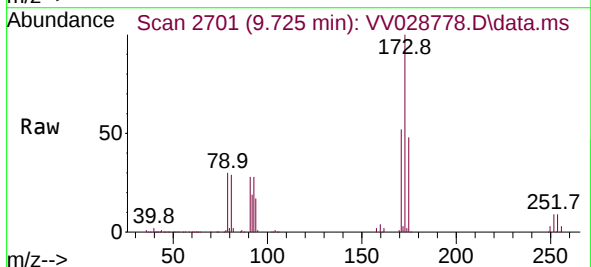
Instrument :
MSVOA_V
ClientSampleId :

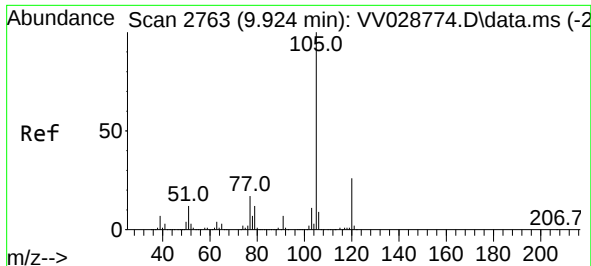
Tgt Ion: 83 Resp: 318611
Ion Ratio Lower Upper
83 100
85 64.2 44.4 82.4
131 8.0 6.5 9.7



#59
Bromoform
Concen: 50.768 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

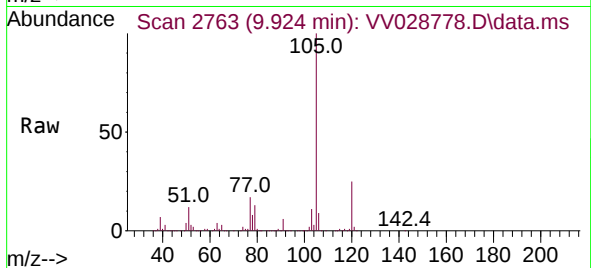
Tgt Ion: 173 Resp: 106528
Ion Ratio Lower Upper
173 100
175 48.1 38.7 58.1
254 7.8 7.2 10.8



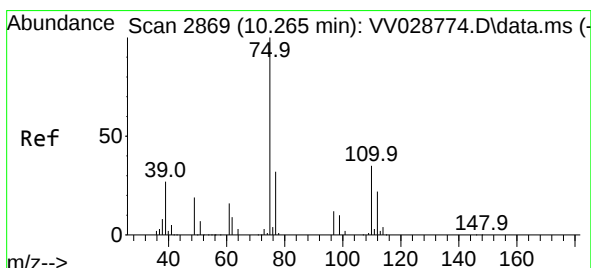
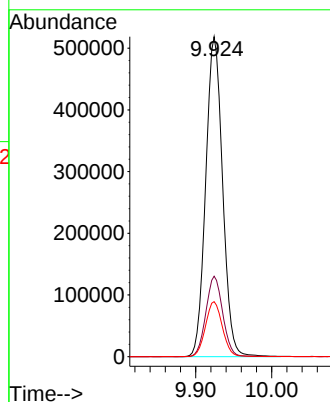
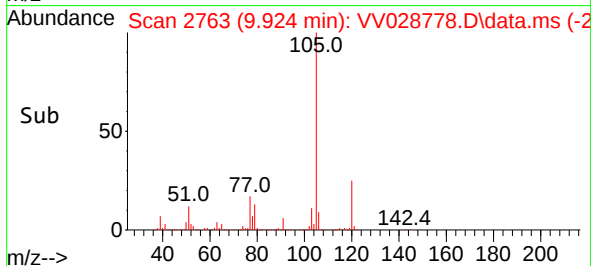


#60
Isopropylbenzene
Concen: 49.841 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

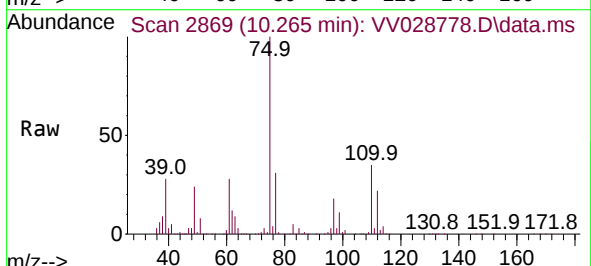
Instrument :
MSVOA_V
ClientSampleId :



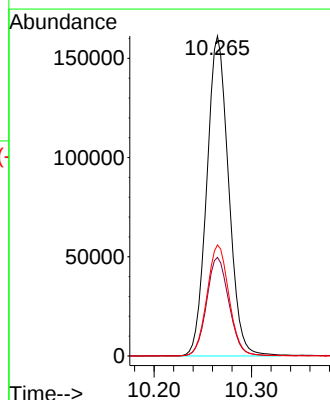
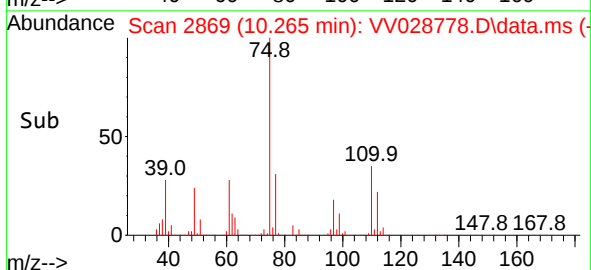
Tgt Ion:105 Resp: 800555
Ion Ratio Lower Upper
105 100
120 25.1 20.5 30.7
77 17.2 13.4 20.2

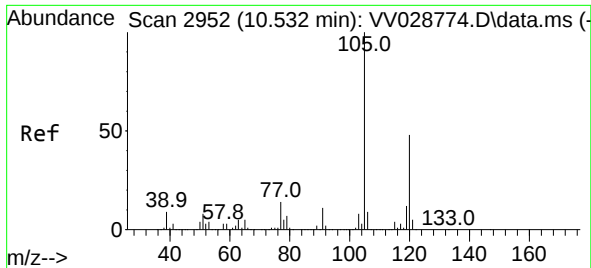


#61
1,2,3-Trichloropropane
Concen: 49.994 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44



Tgt Ion: 75 Resp: 251110
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
110 35.2 28.2 42.2

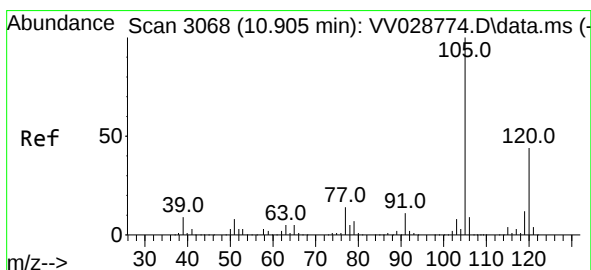
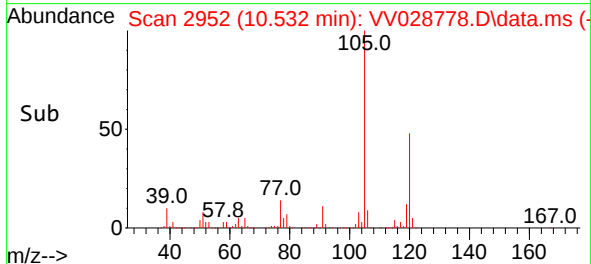
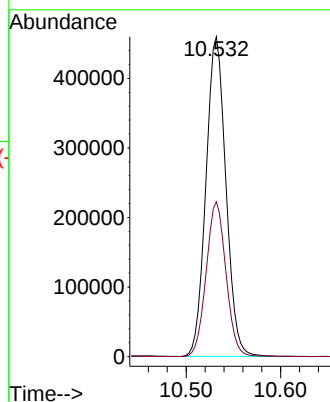
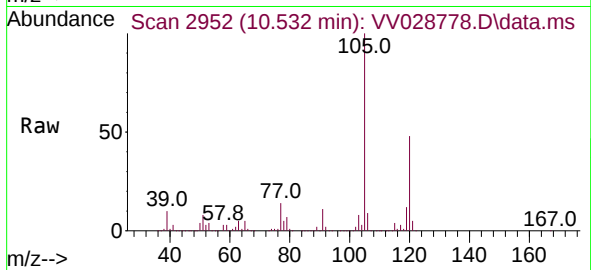




#62
 1,3,5-Trimethylbenzene
 Concen: 50.242 ug/L
 RT: 10.532 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: VV028778.D
 Acq: 31 Oct 2022 13:44

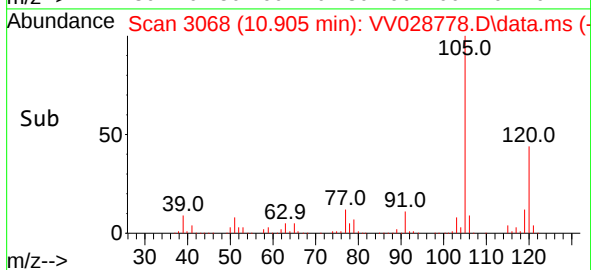
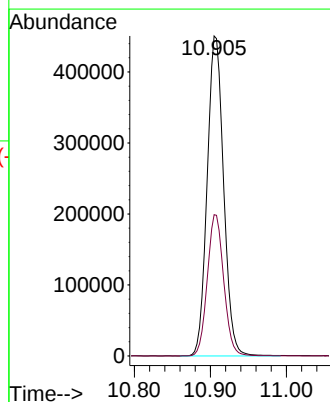
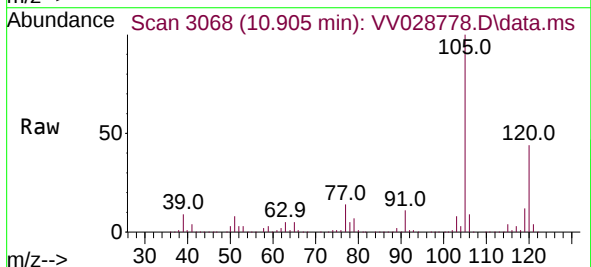
Instrument :
 MSVOA_V
 ClientSampleId :

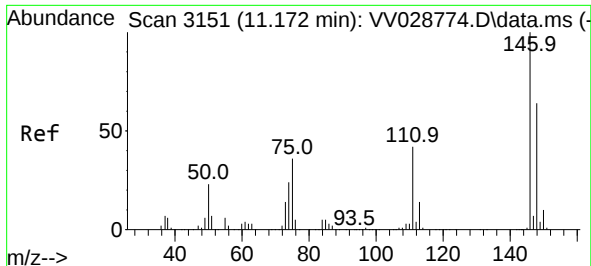
Tgt Ion:105 Resp: 673706
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 50.830 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV028778.D
 Acq: 31 Oct 2022 13:44

Tgt Ion:105 Resp: 678075
 Ion Ratio Lower Upper
 105 100
 120 44.0 35.4 53.0

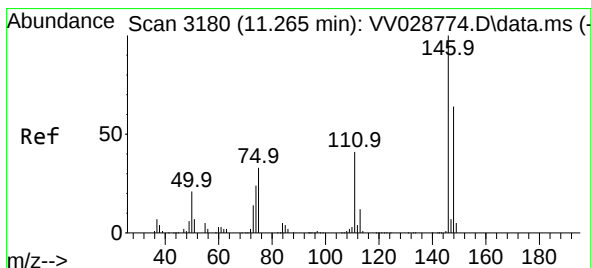
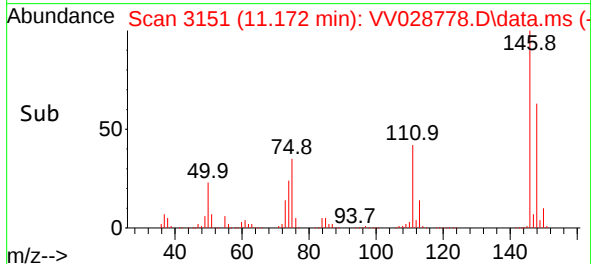
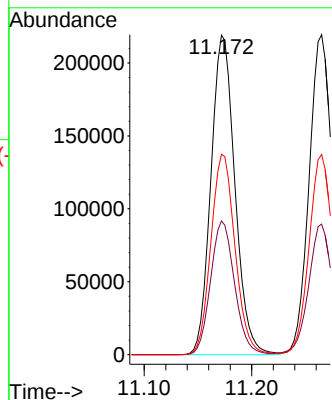
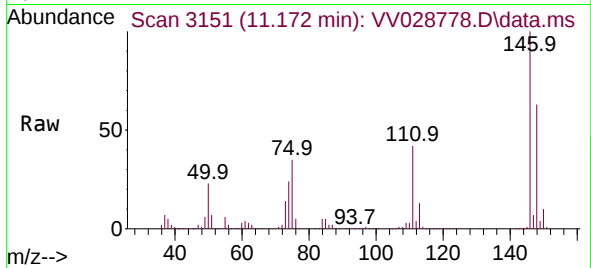




#64
1,3-Dichlorobenzene
Concen: 50.174 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

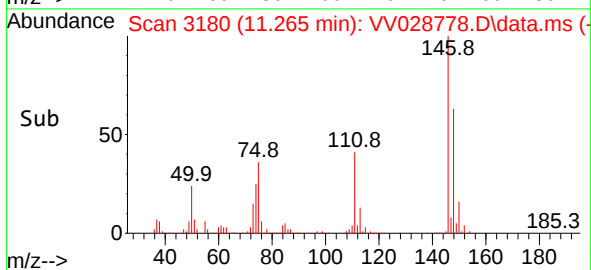
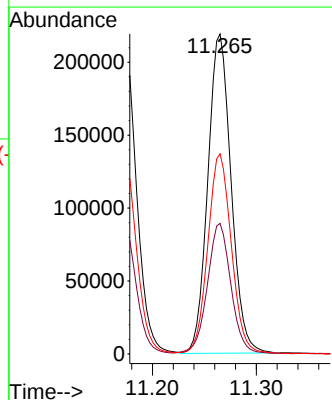
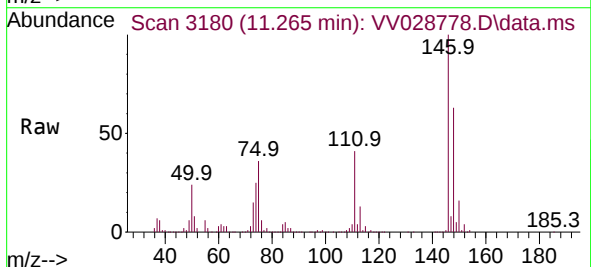
Instrument :
MSVOA_V
ClientSampleId :

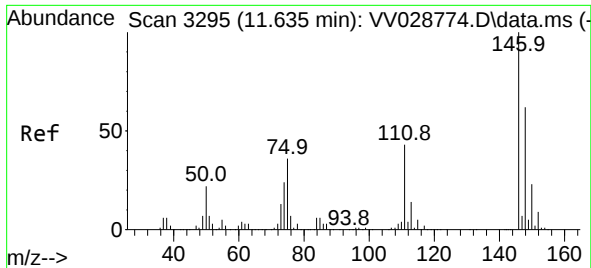
Tgt Ion:146 Resp: 339971
Ion Ratio Lower Upper
146 100
111 41.9 29.6 55.0
148 62.8 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 49.234 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

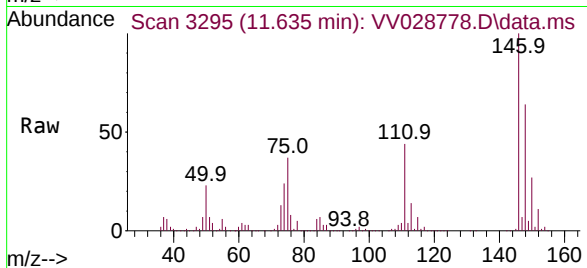
Tgt Ion:146 Resp: 339909
Ion Ratio Lower Upper
146 100
111 40.8 28.7 53.3
148 62.6 45.1 83.7



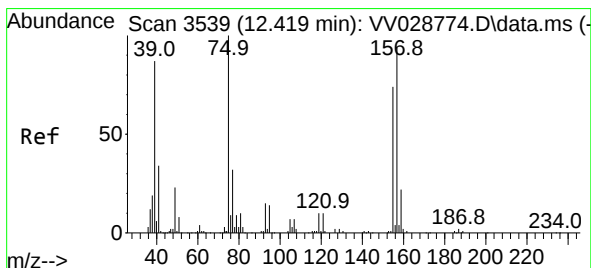
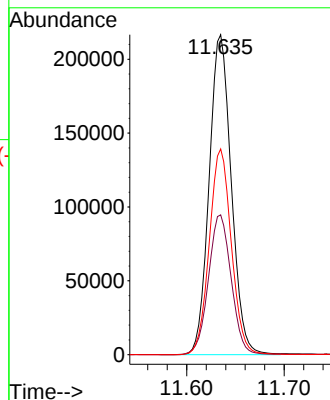
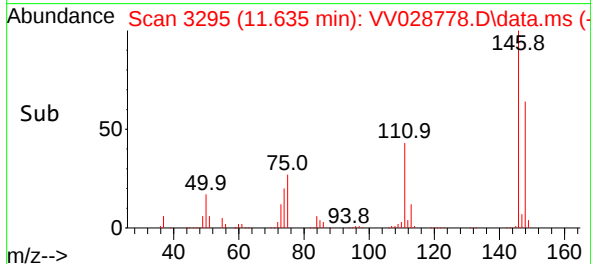


#67
1,2-Dichlorobenzene
Concen: 49.640 ug/L
RT: 11.635 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44

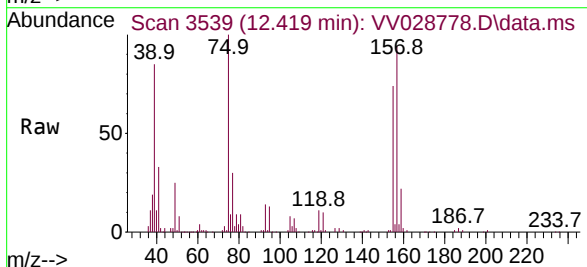
Instrument :
MSVOA_V
ClientSampleId :



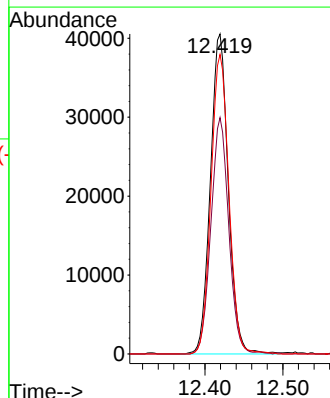
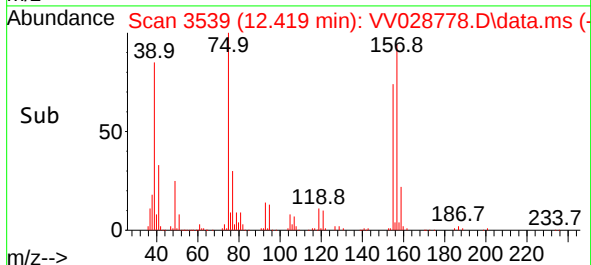
Tgt Ion:146 Resp: 342166
Ion Ratio Lower Upper
146 100
111 43.7 34.2 51.2
148 64.3 49.5 74.3

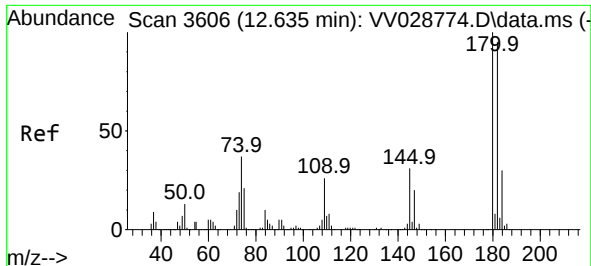


#68
1,2-Dibromo-3-chloropropane
Concen: 50.610 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VV028778.D
Acq: 31 Oct 2022 13:44



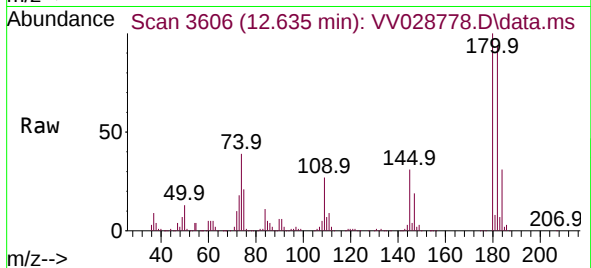
Tgt Ion: 75 Resp: 64763
Ion Ratio Lower Upper
75 100
155 73.8 59.4 89.0
157 93.6 74.9 112.3



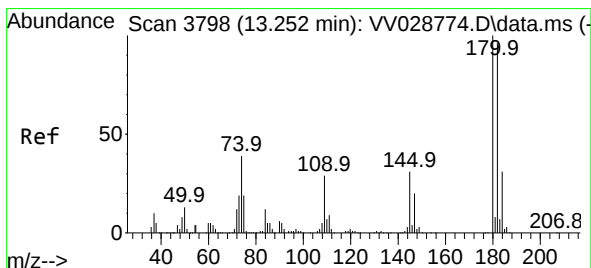
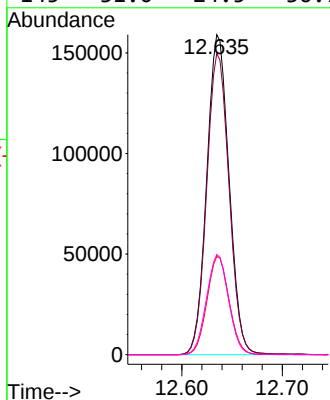
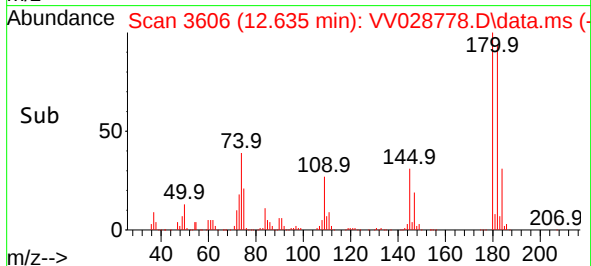


#69
 1,3,5-Trichlorobenzene
 Concen: 50.464 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV028778.D
 Acq: 31 Oct 2022 13:44

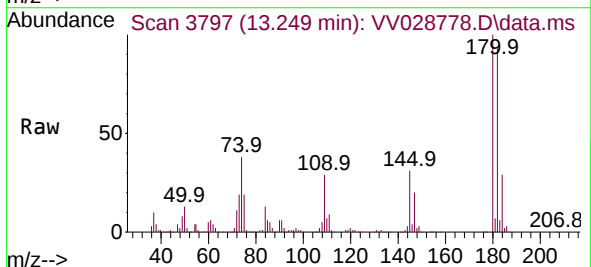
Instrument :
 MSVOA_V
 ClientSampleId :



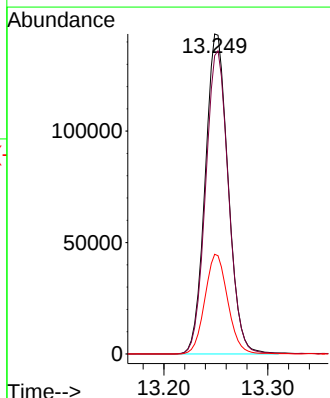
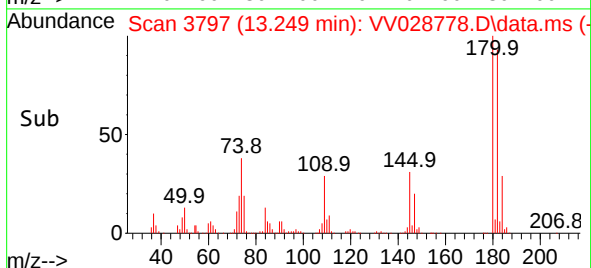
Tgt Ion:180 Resp: 245201
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.6 113.4
 184 30.5 23.9 35.9
 145 31.0 24.5 36.7

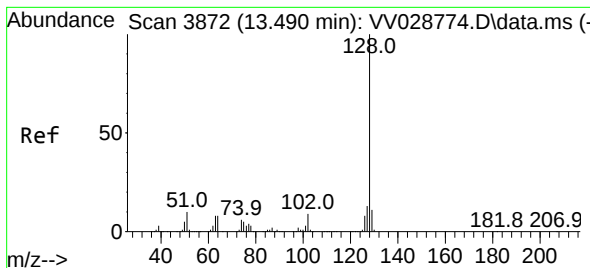


#70
 1,2,4-trichlorobenzene
 Concen: 52.937 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.003 min
 Lab File: VV028778.D
 Acq: 31 Oct 2022 13:44



Tgt Ion:180 Resp: 220114
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.6 115.0
 145 31.1 25.1 37.7





#71

Naphthalene

Concen: 56.308 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Instrument :

MSVOA_V

ClientSampleId :

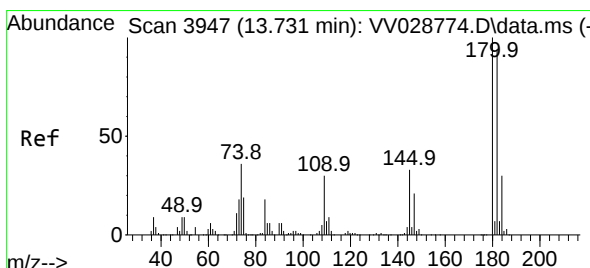
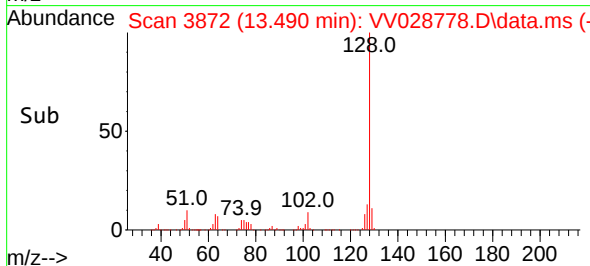
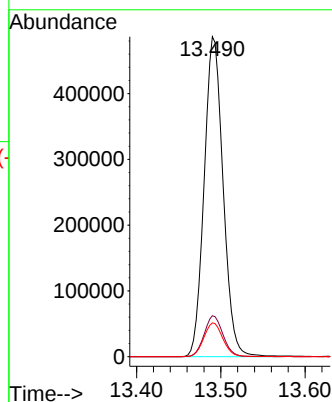
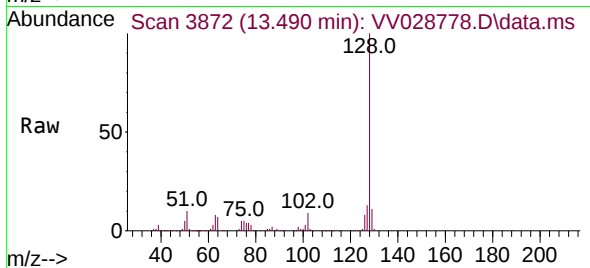
Tgt Ion:128 Resp: 762309

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 54.408 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV028778.D

Acq: 31 Oct 2022 13:44

Tgt Ion:180 Resp: 228985

Ion Ratio Lower Upper

180 100

182 93.4 75.5 113.3

145 33.5 26.2 39.4

