

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122322\
 Data File : VV029776.D
 Acq On : 23 Dec 2022 09:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 24 01:42:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 21 00:15:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	474138	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	463538	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	266858	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	167959	57.849	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 115.700%		
7) Chloroethane-d5	1.561	69	143881	64.989	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 129.980%		
11) 1,1-Dichloroethene-d2	2.105	63	286387	63.240	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 126.480%#		
21) 2-Butanone-d5	3.867	46	205846	116.221	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 116.220%		
24) Chloroform-d	4.336	84	296195	54.212	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 108.420%		
26) 1,2-Dichloroethane-d4	5.021	65	169868	54.436	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 108.880%		
32) Benzene-d6	5.040	84	633193	51.697	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 103.400%		
36) 1,2-Dichloropropane-d6	6.059	67	190889	51.023	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 102.040%		
41) Toluene-d8	7.307	98	578786	50.152	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 100.300%		
43) trans-1,3-Dichloroprop...	7.609	79	81586	43.185	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 86.380%		
47) 2-Hexanone-d5	8.079	63	170288	106.589	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 106.590%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	264553	49.484	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 98.960%		
66) 1,2-Dichlorobenzene-d4	11.612	152	225555	44.401	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 88.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	170365	45.617	ug/L	100
3) Chloromethane	1.240	50	187218	43.967	ug/L	99
5) Vinyl chloride	1.307	62	191195	53.667	ug/L	98
6) Bromomethane	1.516	94	80644	56.257	ug/L	98
8) Chloroethane	1.581	64	117885	59.425	ug/L	100
9) Trichlorofluoromethane	1.748	101	247651	55.529	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	147269	59.426	ug/L	98
12) 1,1-Dichloroethene	2.114	96	146114	57.653	ug/L	94
13) Acetone	2.156	43	135487	117.425	ug/L	99
14) Carbon disulfide	2.288	76	419821	49.773	ug/L	100
15) Methyl Acetate	2.423	43	161128	61.294	ug/L	96
16) Methylene chloride	2.500	84	176667	56.064	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	157880	54.065	ug/L	97
18) Methyl tert-butyl Ether	2.761	73	486402	54.365	ug/L	99
19) 1,1-Dichloroethane	3.179	63	280502	56.070	ug/L	98
20) cis-1,2-Dichloroethene	3.899	96	174798	54.436	ug/L	98
22) 2-Butanone	3.950	43	222130	120.990	ug/L	99
23) Bromochloromethane	4.236	128	89443	54.093	ug/L	94
25) Chloroform	4.362	83	299337	57.716	ug/L	100

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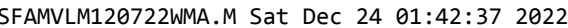
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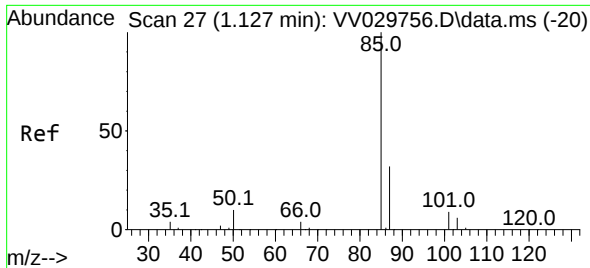
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	205400	56.064	ug/L	100
29) Cyclohexane	4.667	56	247985	49.386	ug/L	96
30) 1,1,1-Trichloroethane	4.597	97	255392	50.570	ug/L	98
31) Carbon tetrachloride	4.818	117	217736	49.372	ug/L	100
33) Benzene	5.088	78	683039	52.277	ug/L	100
34) Trichloroethene	5.905	95	167297	51.097	ug/L	98
35) Methylcyclohexane	6.121	83	277496	49.902	ug/L	98
37) 1,2-Dichloropropane	6.162	63	168995	53.589	ug/L	99
38) Bromodichloromethane	6.500	83	222473	51.103	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	230348	44.414	ug/L	100
40) 4-Methyl-2-pentanone	7.217	43	438008	116.492	ug/L	97
42) Toluene	7.378	91	724635	51.527	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	224780	45.765	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	170371	52.293	ug/L	97
46) Tetrachloroethene	7.966	164	132618	50.380	ug/L	99
48) 2-Hexanone	8.130	43	342591	119.260	ug/L	97
49) Dibromochloromethane	8.236	129	184477	51.286	ug/L	97
50) 1,2-Dibromoethane	8.339	107	175611	52.320	ug/L	100
51) Chlorobenzene	8.870	112	459562	51.606	ug/L	98
52) Ethylbenzene	9.002	91	763796	51.659	ug/L	100
53) m,p-Xylene	9.127	106	299263	51.140	ug/L	99
54) o-Xylene	9.532	106	292392	50.513	ug/L	98
55) Styrene	9.551	104	541281	53.809	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	276674	53.088	ug/L	99
59) Bromoform	9.719	173	141480	47.994	ug/L	99
60) Isopropylbenzene	9.921	105	757463	48.346	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	208570	50.634	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	645468	46.594	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	650674	47.384	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	373633	48.773	ug/L	100
65) 1,4-Dichlorobenzene	11.259	146	381195	48.962	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	378196	48.278	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.413	75	60903	47.571	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	284990	46.747	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	255265	47.086	ug/L	100
71) Naphthalene	13.490	128	688605	55.999	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	257966	48.582	ug/L	100

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

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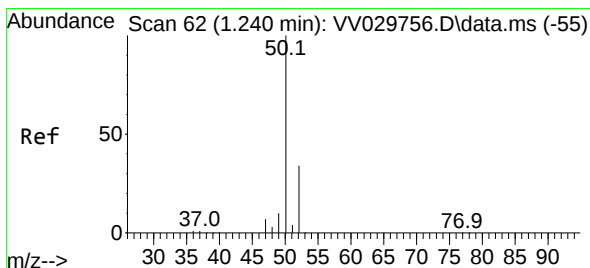
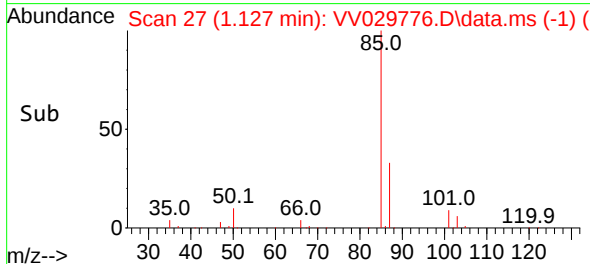
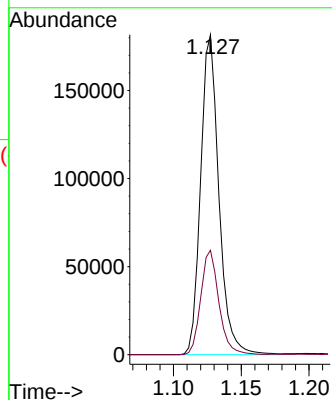
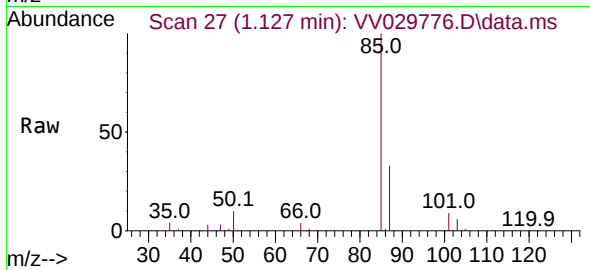




#2
 Dichlorodifluoromethane
 Concen: 45.617 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029776.D
 Acq: 23 Dec 2022 09:21

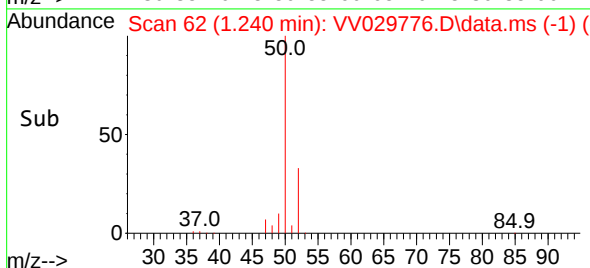
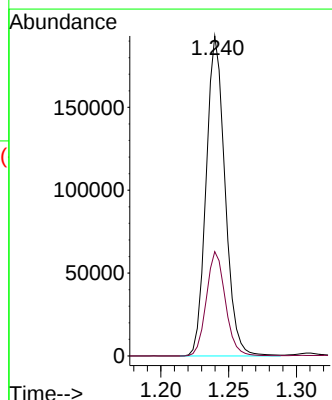
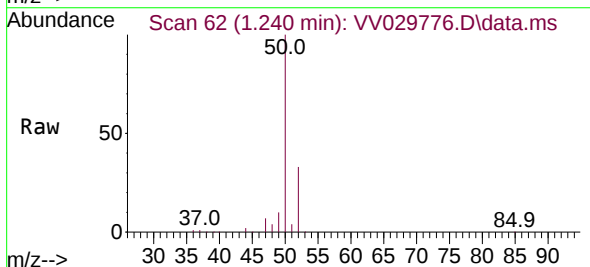
Instrument :
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 ClientSampleId :

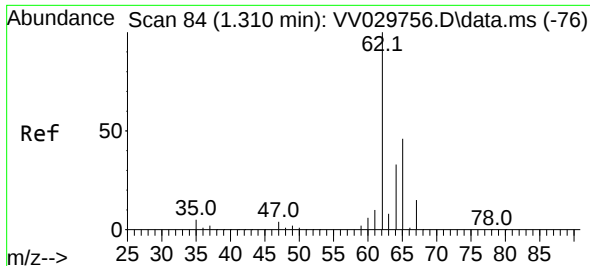
Tgt Ion: 85 Resp: 170365
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 43.967 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029776.D
 Acq: 23 Dec 2022 09:21

Tgt Ion: 50 Resp: 187218
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.3 43.3

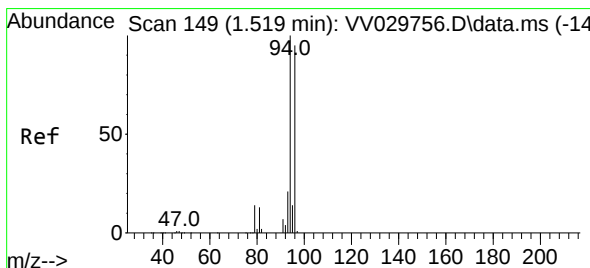
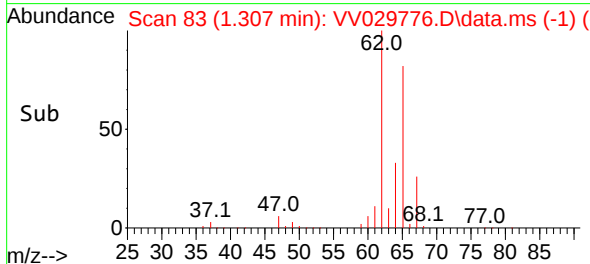
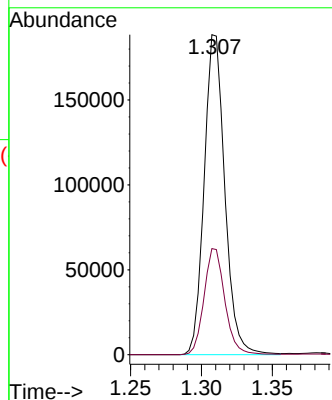
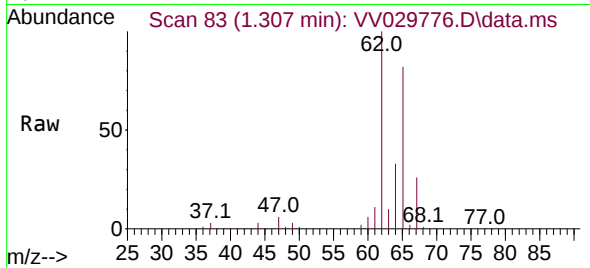




#5
 Vinyl chloride
 Concen: 53.667 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV029776.D
 Acq: 23 Dec 2022 09:21

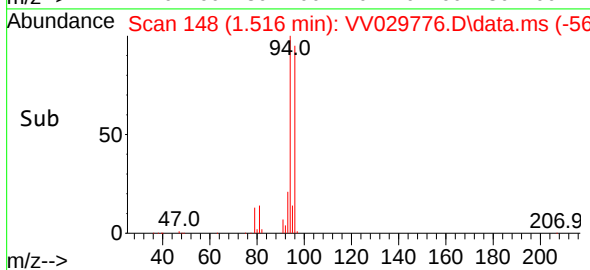
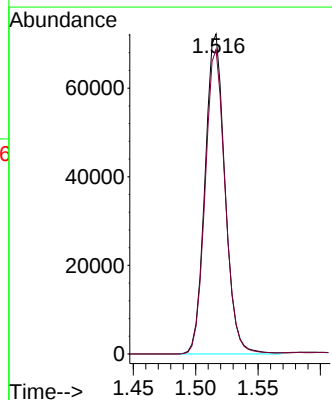
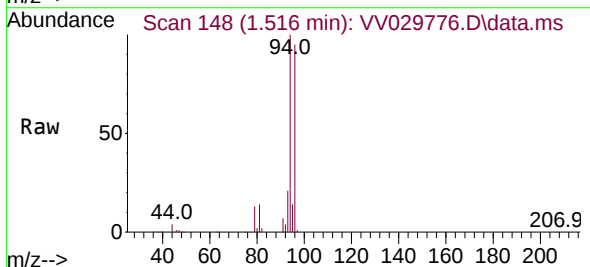
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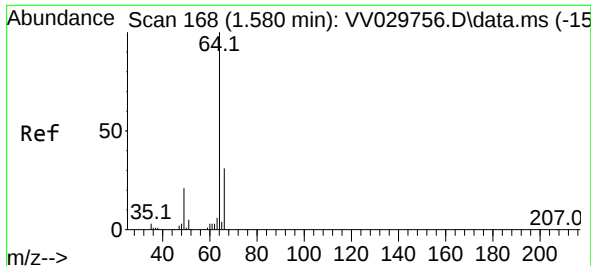
Tgt Ion: 62 Resp: 191195
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.5 41.9



#6
 Bromomethane
 Concen: 56.257 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV029776.D
 Acq: 23 Dec 2022 09:21

Tgt Ion: 94 Resp: 80644
 Ion Ratio Lower Upper
 94 100
 96 95.1 65.1 120.9

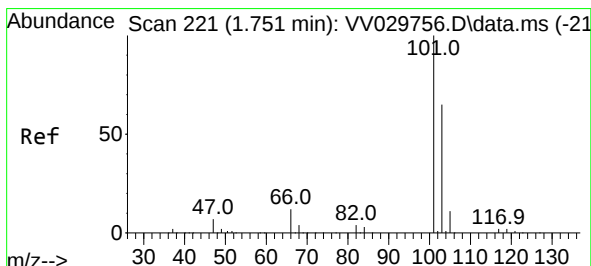
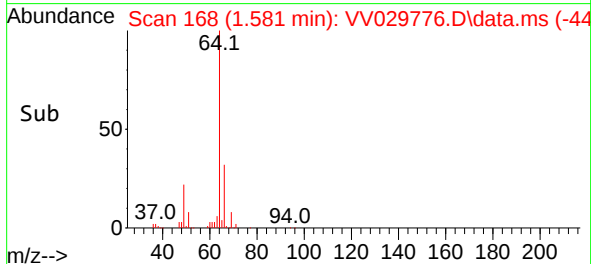
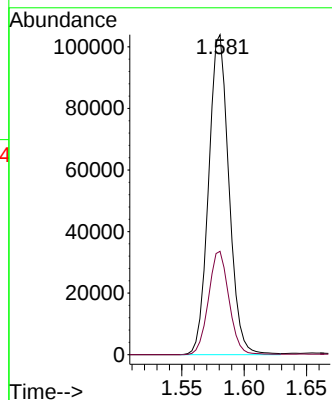
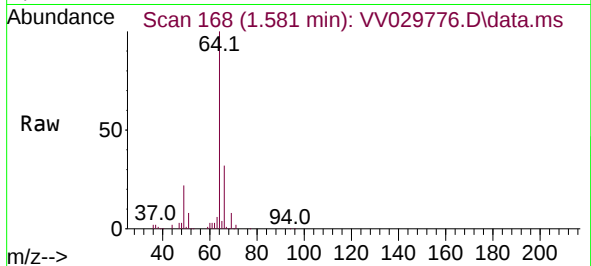




#8
Chloroethane
Concen: 59.425 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

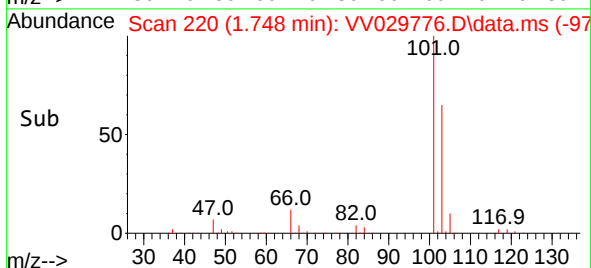
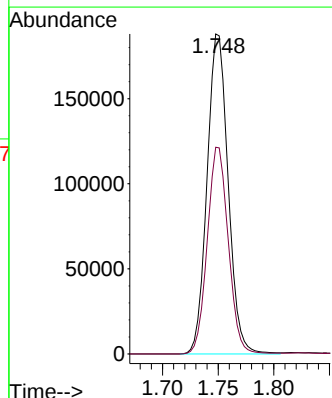
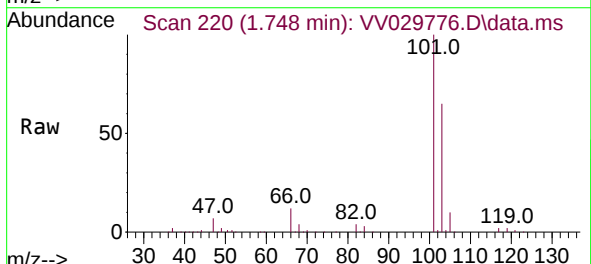
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ClientSampleId :

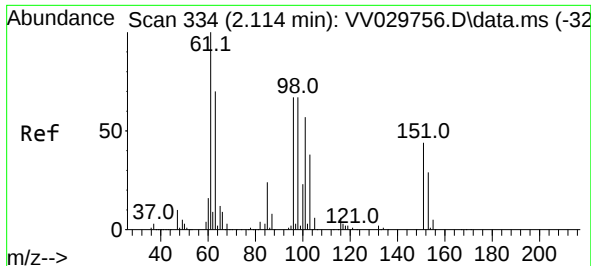
Tgt Ion: 64 Resp: 117885
Ion Ratio Lower Upper
64 100
66 32.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 55.529 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

Tgt Ion:101 Resp: 247651
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

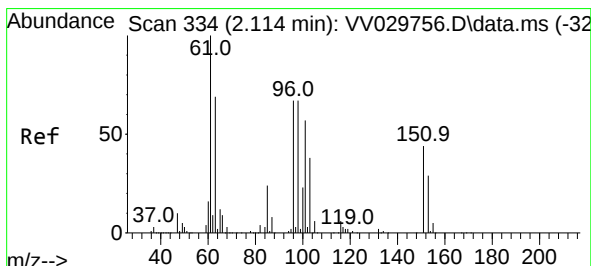
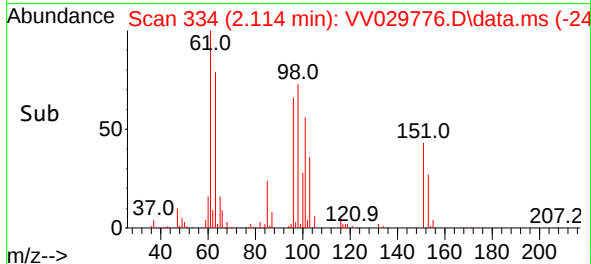
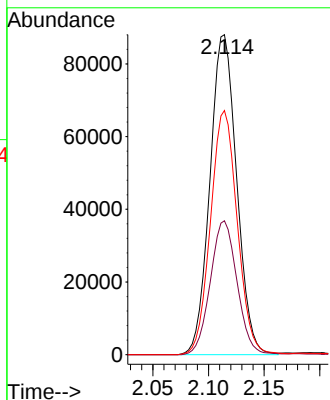
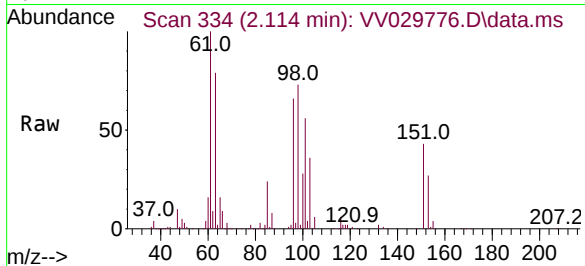




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 59.426 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029776.D
 Acq: 23 Dec 2022 09:21

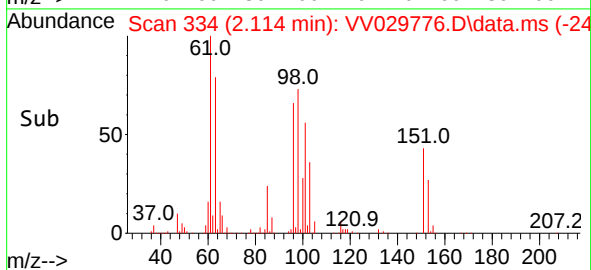
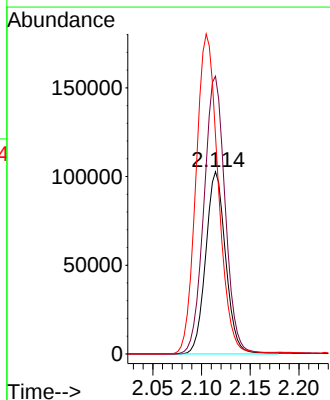
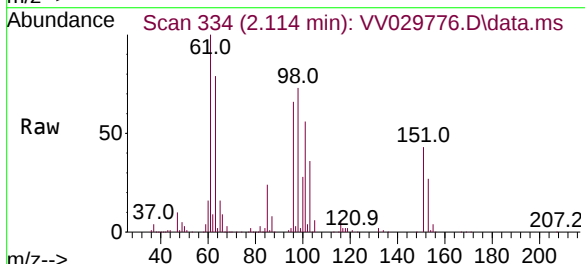
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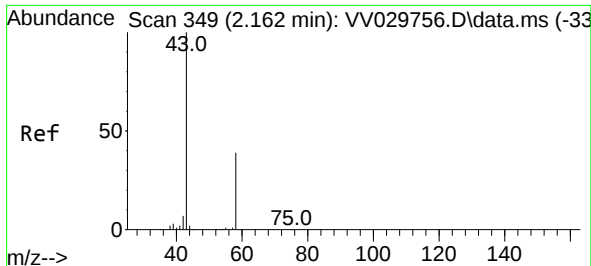
Tgt Ion:101 Resp: 147269
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.6 50.4
 151 76.4 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 57.653 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029776.D
 Acq: 23 Dec 2022 09:21

Tgt Ion: 96 Resp: 146114
 Ion Ratio Lower Upper
 96 100
 61 152.4 103.3 191.9
 63 120.0 77.3 143.7





#13

Acetone

Concen: 117.425 ug/L

RT: 2.156 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

Instrument :

MSVOA_V

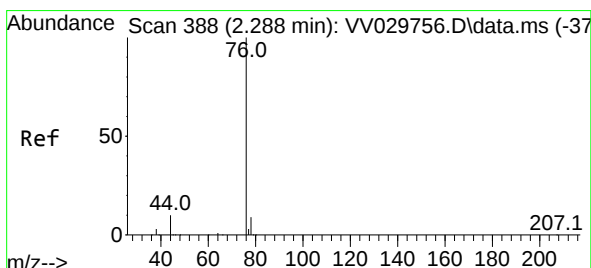
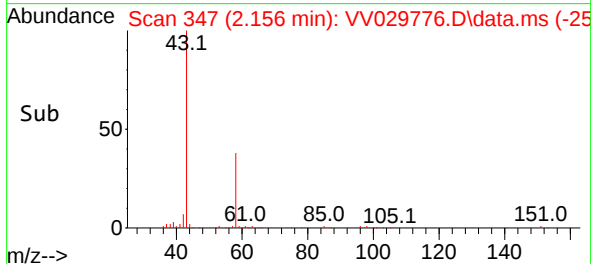
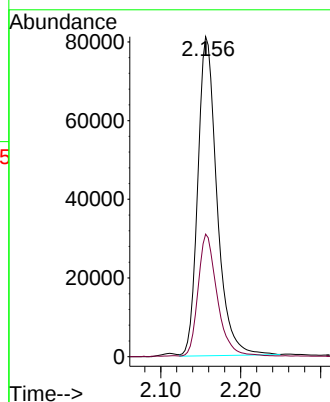
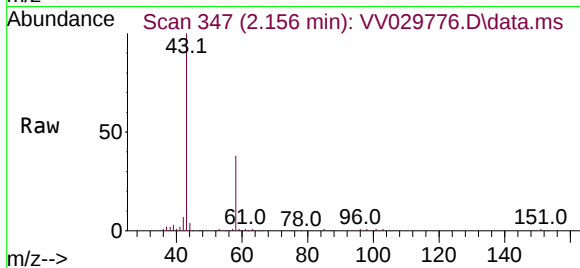
ClientSampleId :

Tgt Ion: 43 Resp: 135487

Ion Ratio Lower Upper

43 100

58 38.2 0.0 74.8



#14

Carbon disulfide

Concen: 49.773 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV029776.D

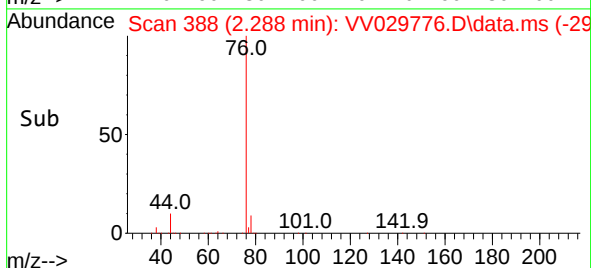
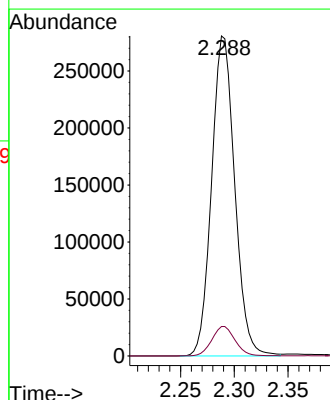
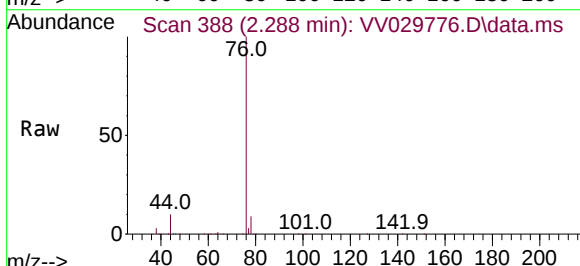
Acq: 23 Dec 2022 09:21

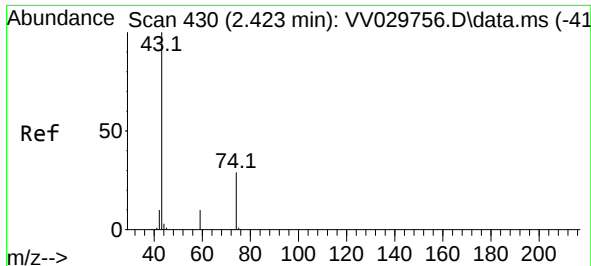
Tgt Ion: 76 Resp: 419821

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

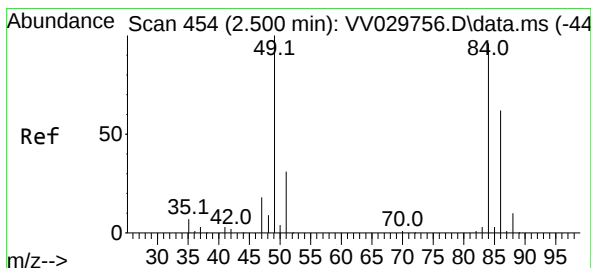
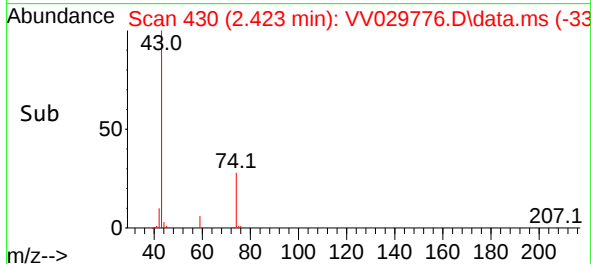
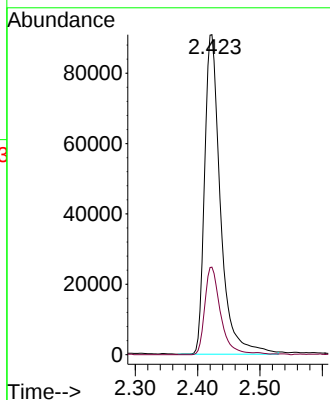
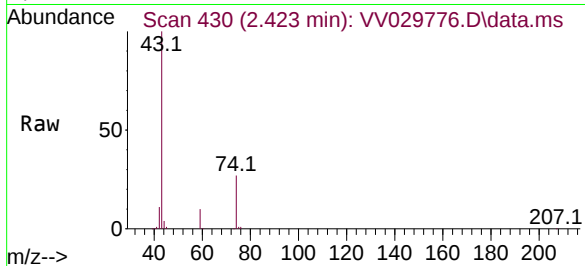




#15
Methyl Acetate
Concen: 61.294 ug/L
RT: 2.423 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

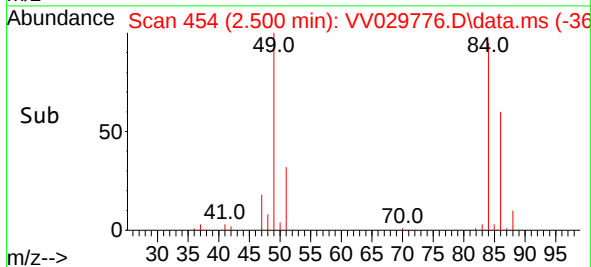
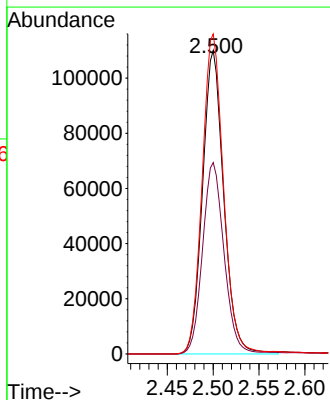
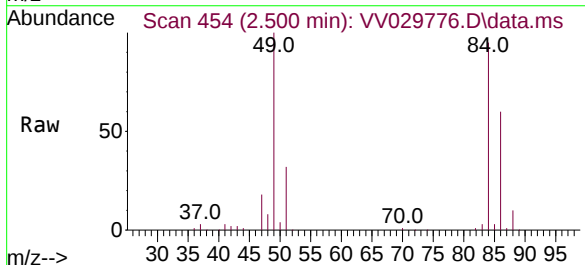
Instrument :
MSVOA_V
ClientSampleId :

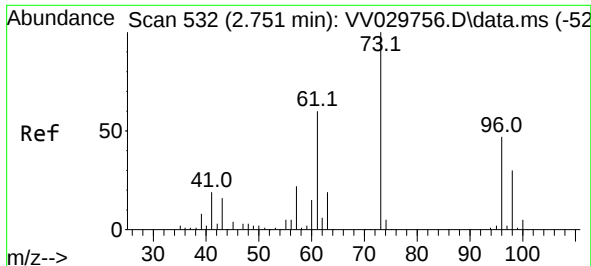
Tgt Ion: 43 Resp: 161128
Ion Ratio Lower Upper
43 100
74 27.1 23.5 35.3



#16
Methylene chloride
Concen: 56.064 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

Tgt Ion: 84 Resp: 176667
Ion Ratio Lower Upper
84 100
86 63.1 46.0 85.4
49 105.4 72.2 134.0

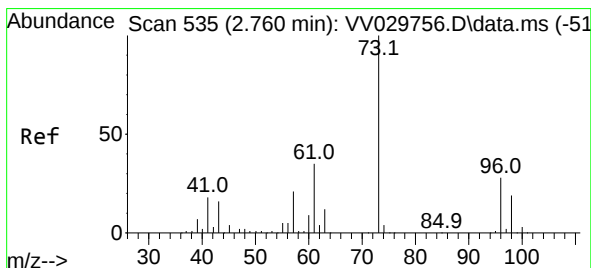
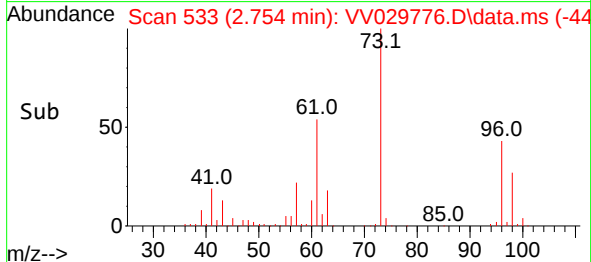
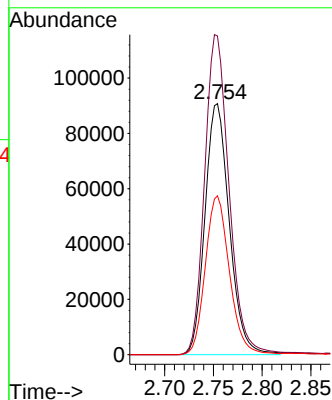
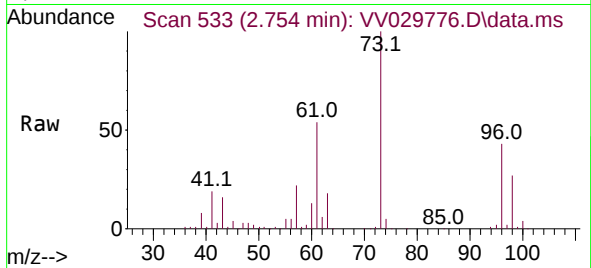




#17
trans-1,2-Dichloroethene
Concen: 54.065 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

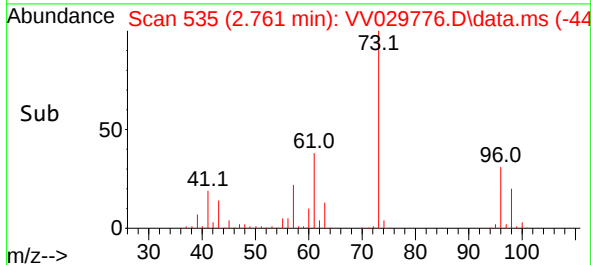
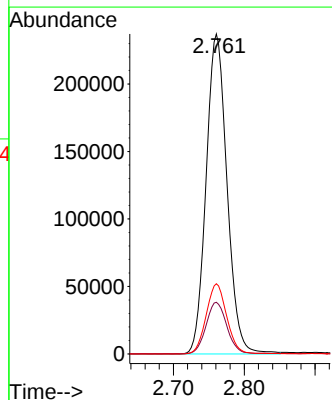
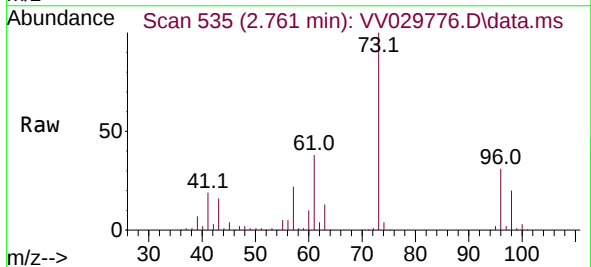
Instrument :
MSVOA_V
ClientSampleId :

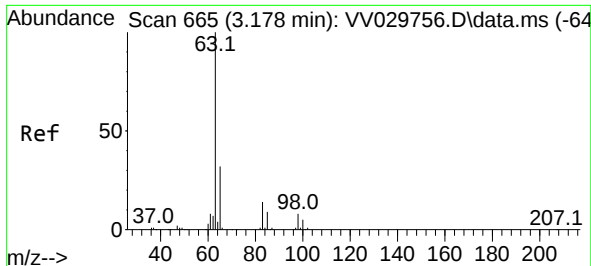
Tgt Ion: 96 Resp: 157880
Ion Ratio Lower Upper
96 100
61 127.0 86.4 160.4
98 63.3 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 54.365 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

Tgt Ion: 73 Resp: 486402
Ion Ratio Lower Upper
73 100
43 15.9 12.7 19.1
57 21.5 16.7 25.1





#19

1,1-Dichloroethane

Concen: 56.070 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.003 min

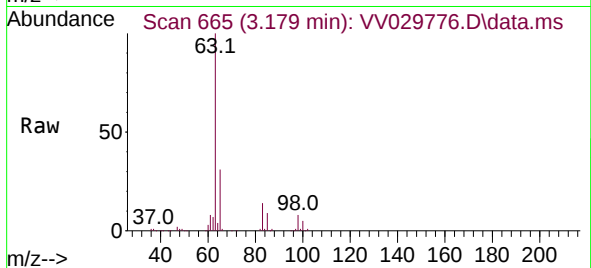
Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

Instrument :

MSVOA_V

ClientSampleId :



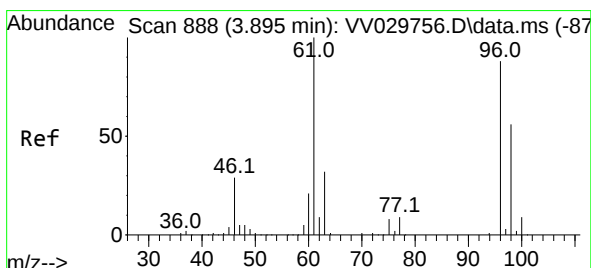
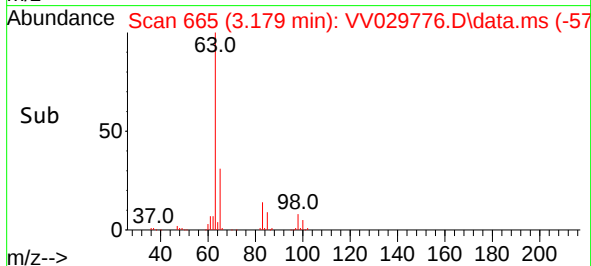
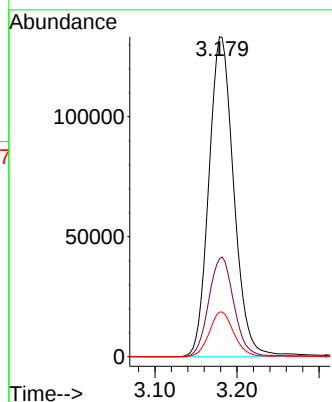
Tgt Ion: 63 Resp: 280502

Ion Ratio Lower Upper

63 100

65 30.7 22.5 41.7

83 13.9 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 54.436 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

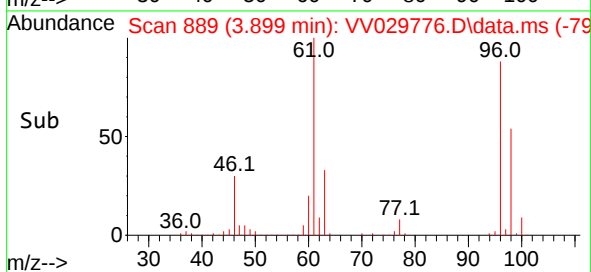
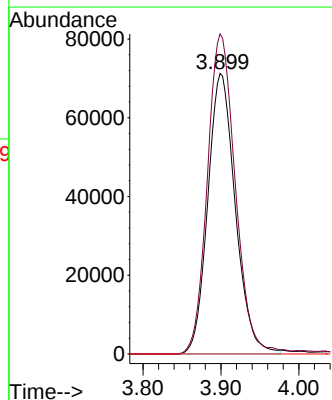
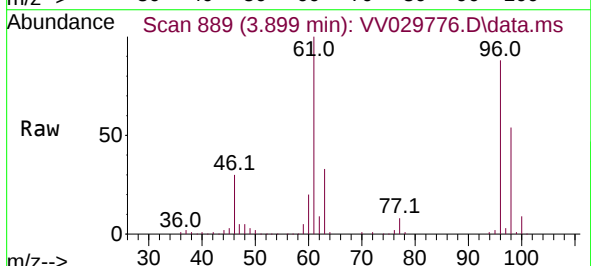
Tgt Ion: 96 Resp: 174798

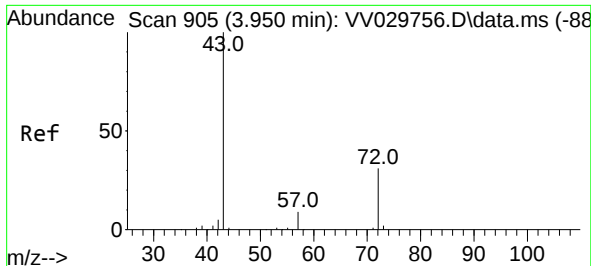
Ion Ratio Lower Upper

96 100

61 114.1 78.0 144.9

68 0.0 0.0 0.0

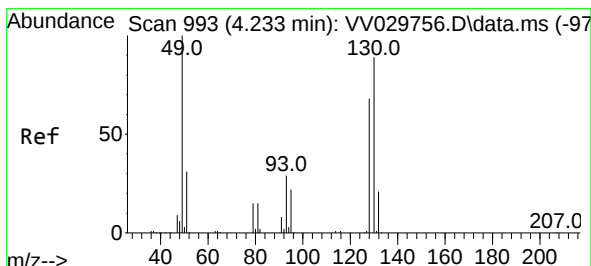
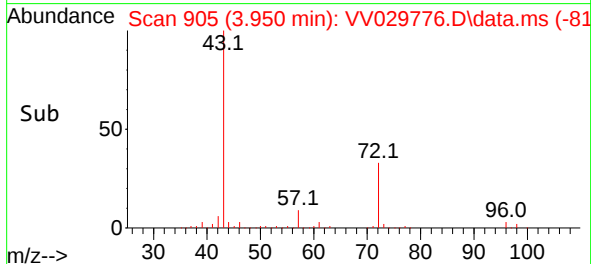
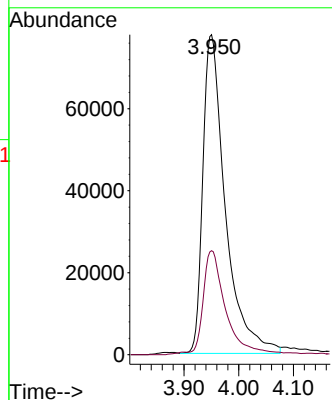
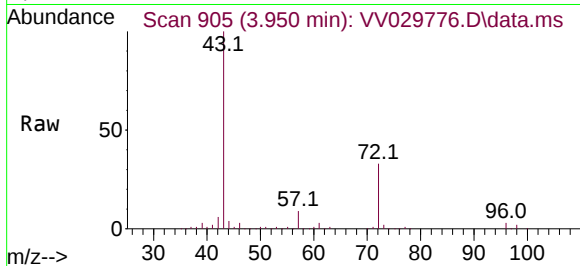




#22
2-Butanone
Concen: 120.990 ug/L
RT: 3.950 min Scan# 905
Delta R.T. -0.003 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

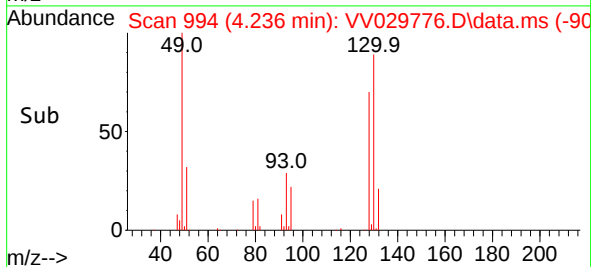
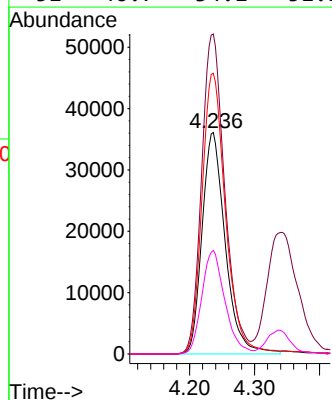
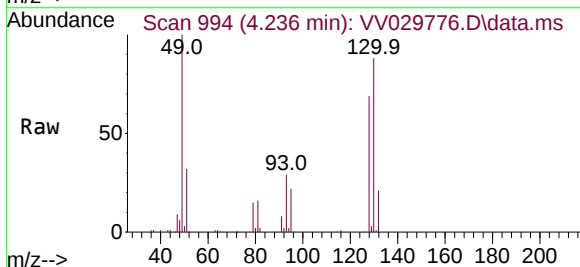
Instrument :
MSVOA_V
ClientSampleId :

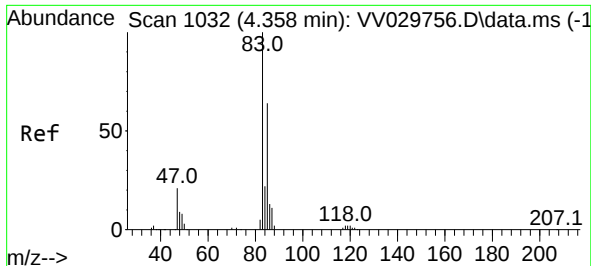
Tgt Ion: 43 Resp: 222130
Ion Ratio Lower Upper
43 100
72 31.0 15.9 47.6



#23
Bromochloromethane
Concen: 54.093 ug/L
RT: 4.236 min Scan# 994
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

Tgt Ion:128 Resp: 89443
Ion Ratio Lower Upper
128 100
49 144.5 92.2 171.2
130 126.7 88.3 164.1
51 46.7 34.1 51.1

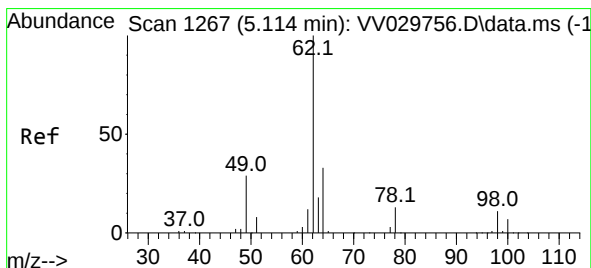
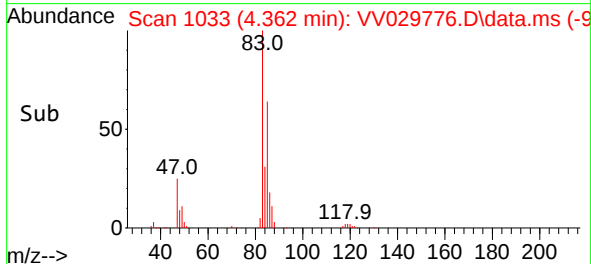
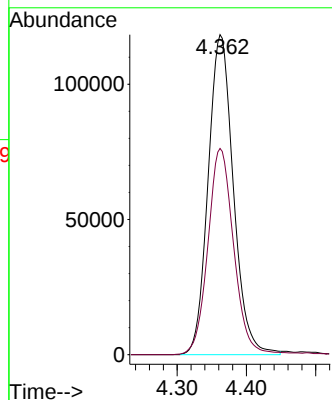
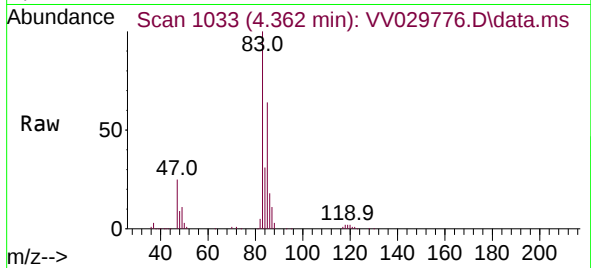




#25
Chloroform
Concen: 57.716 ug/L
RT: 4.362 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

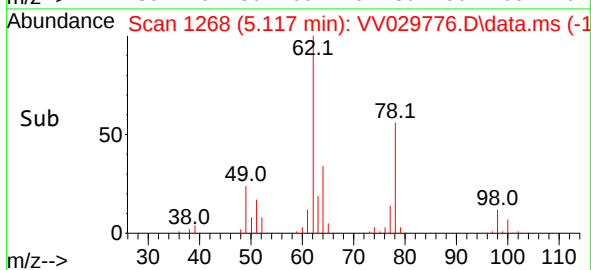
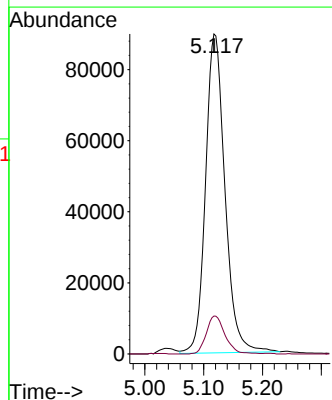
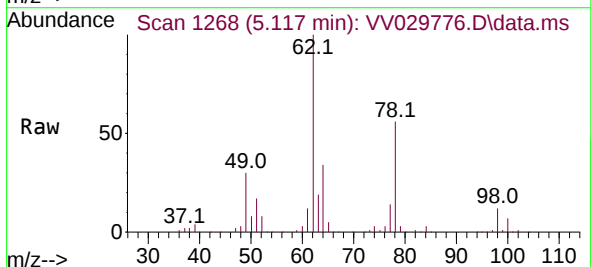
Instrument :
MSVOA_V
ClientSampleId :

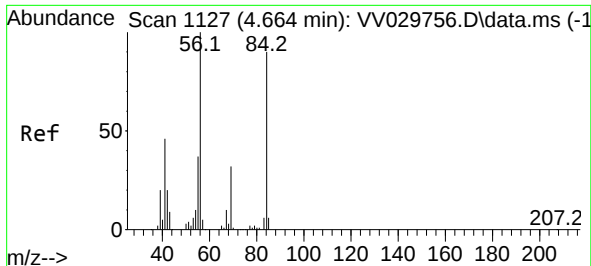
Tgt Ion: 83 Resp: 299337
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 56.064 ug/L
RT: 5.117 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

Tgt Ion: 62 Resp: 205400
Ion Ratio Lower Upper
62 100
98 11.9 9.4 14.0

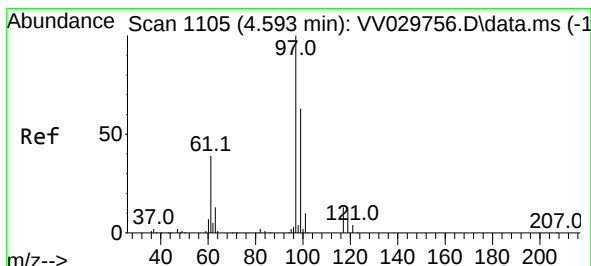
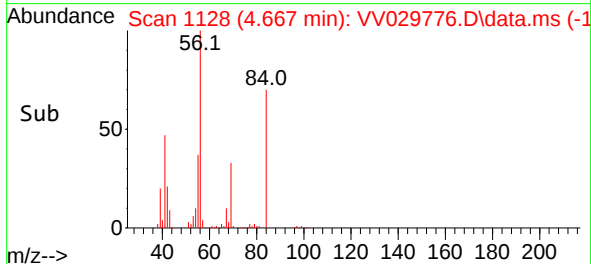
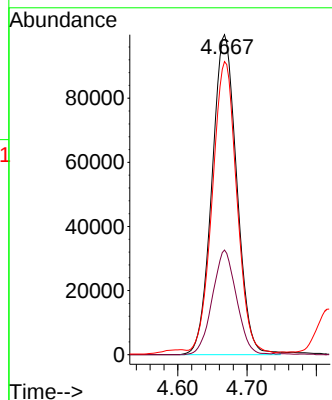
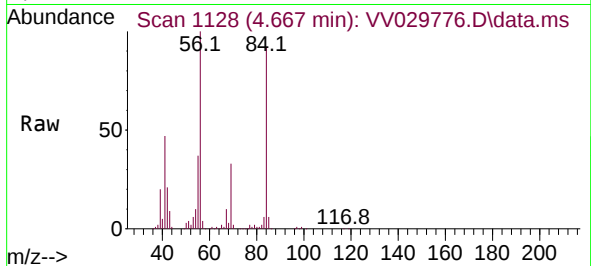




#29
Cyclohexane
Concen: 49.386 ug/L
RT: 4.667 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

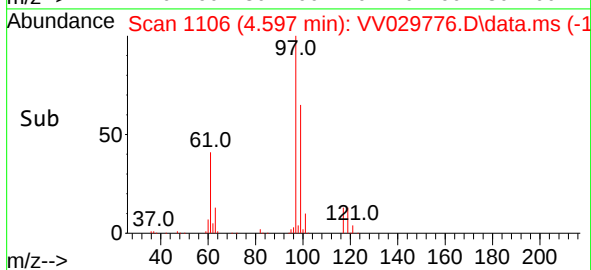
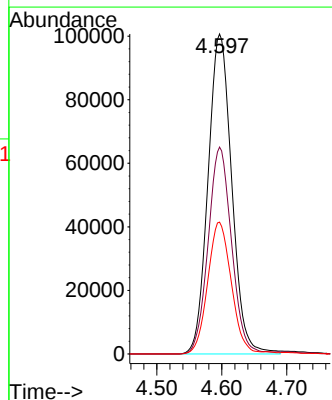
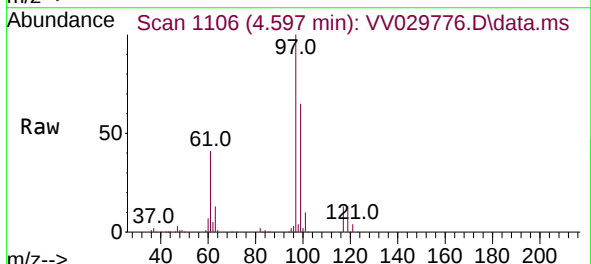
Instrument :
MSVOA_V
ClientSampleId :

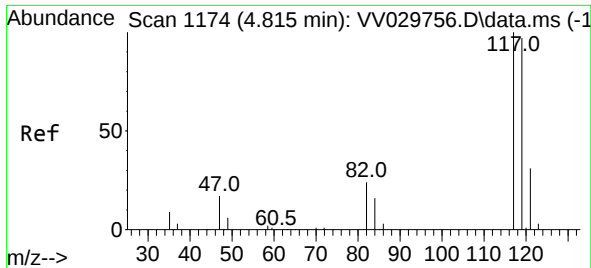
Tgt Ion: 56 Resp: 247985
Ion Ratio Lower Upper
56 100
69 31.8 25.8 38.8
84 90.8 76.6 114.8



#30
1,1,1-Trichloroethane
Concen: 50.570 ug/L
RT: 4.597 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

Tgt Ion: 97 Resp: 255392
Ion Ratio Lower Upper
97 100
99 63.9 52.1 78.1
61 40.9 31.8 47.8

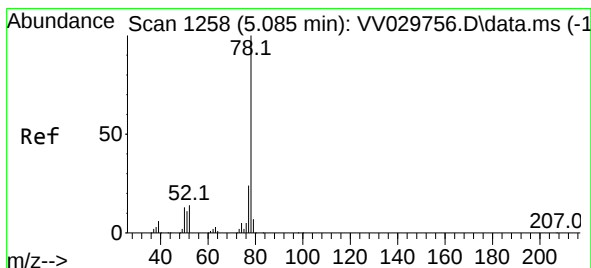
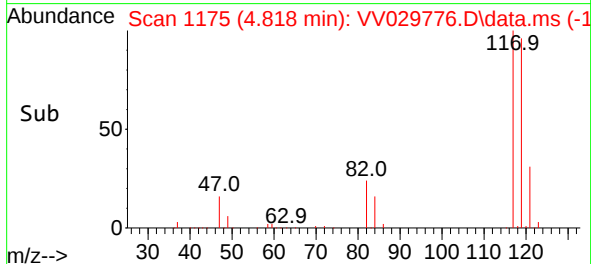
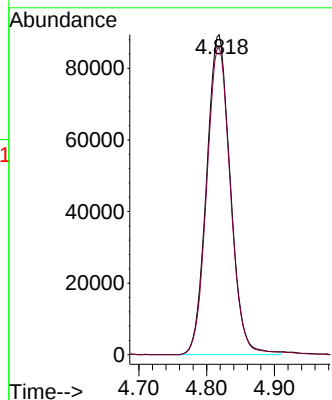
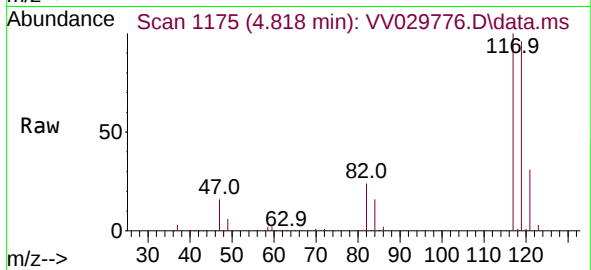




#31
Carbon tetrachloride
Concen: 49.372 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

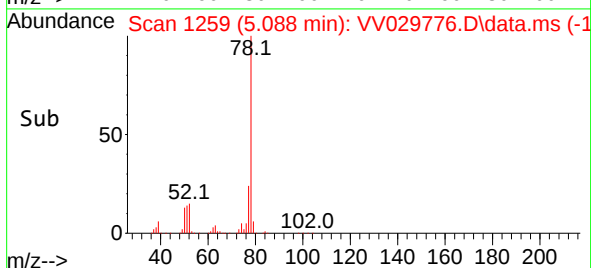
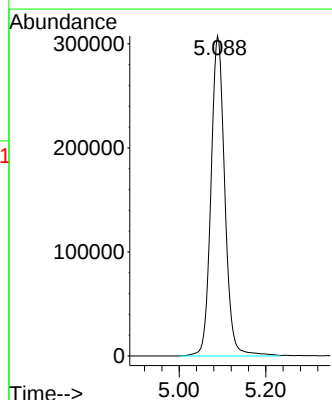
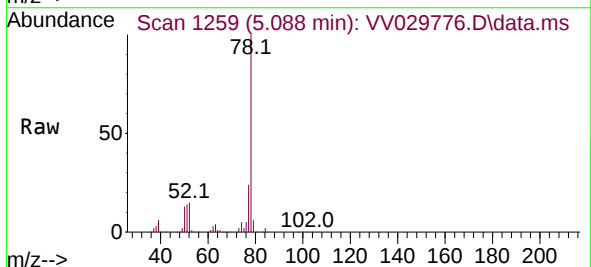
Instrument :
MSVOA_V
ClientSampleId :

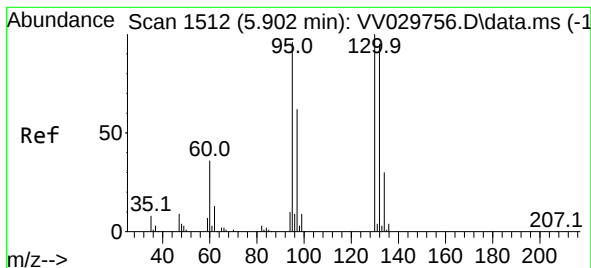
Tgt Ion:117 Resp: 217736
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1



#33
Benzene
Concen: 52.277 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

Tgt Ion: 78 Resp: 683039





#34

Trichloroethene

Concen: 51.097 ug/L

RT: 5.905 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 167297

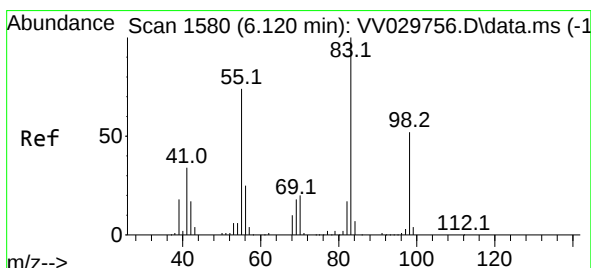
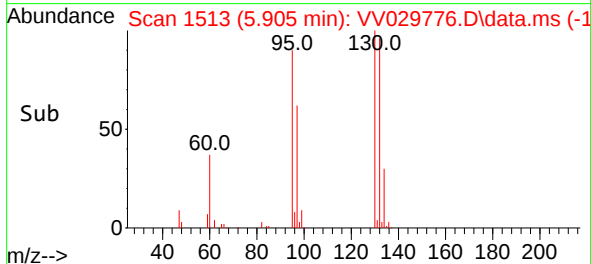
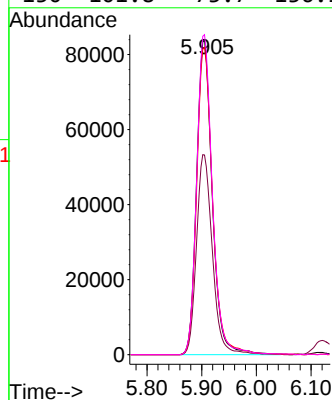
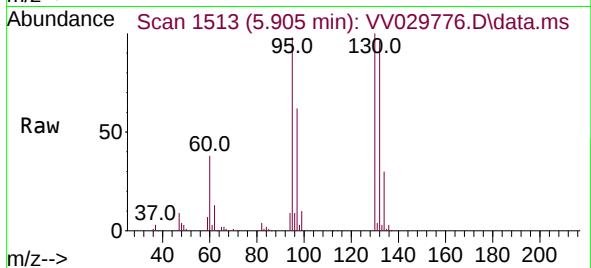
Ion Ratio Lower Upper

95 100

97 63.5 44.0 81.8

132 97.8 69.9 129.9

130 101.8 73.7 136.9



#35

Methylcyclohexane

Concen: 49.902 ug/L

RT: 6.121 min Scan# 1580

Delta R.T. -0.003 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

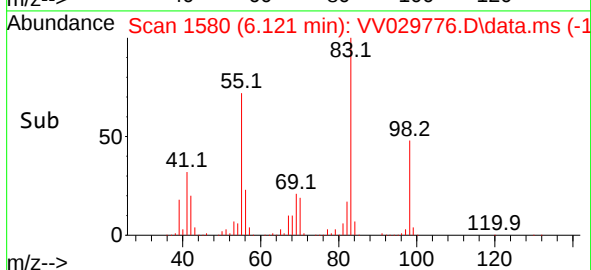
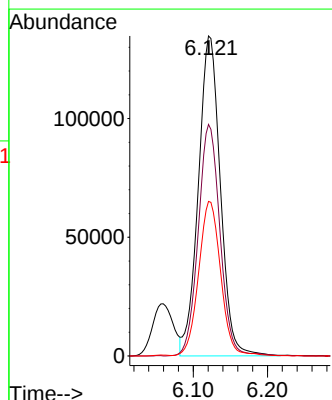
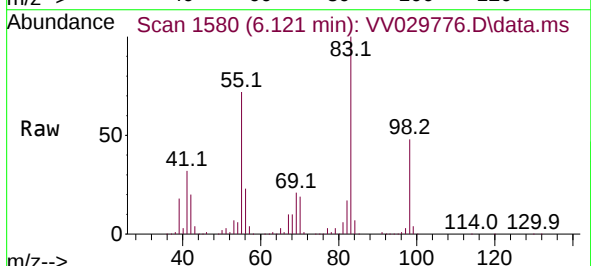
Tgt Ion: 83 Resp: 277496

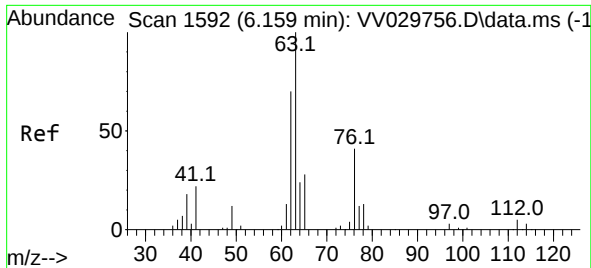
Ion Ratio Lower Upper

83 100

55 71.2 55.5 83.3

98 48.3 39.8 59.8





#37

1,2-Dichloropropane

Concen: 53.589 ug/L

RT: 6.162 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

Instrument :

MSVOA_V

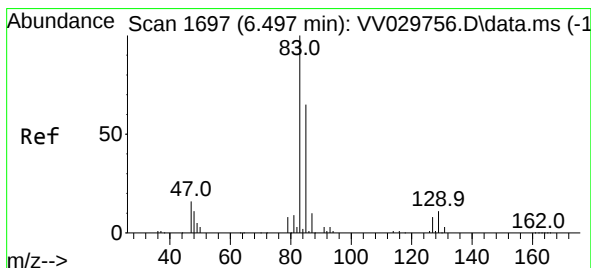
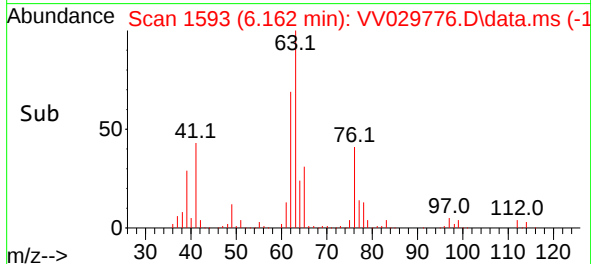
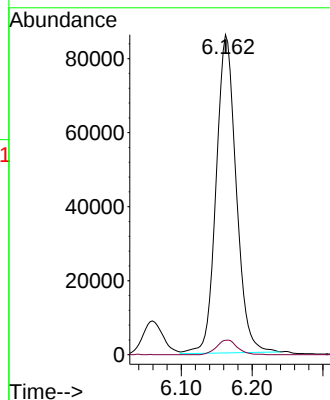
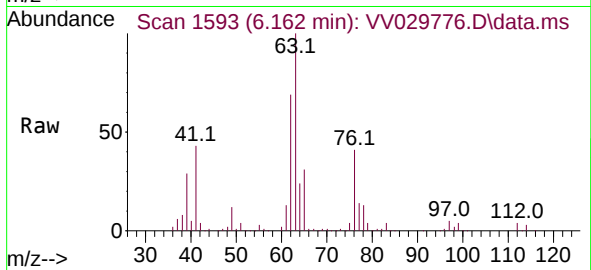
ClientSampleId :

Tgt Ion: 63 Resp: 168995

Ion Ratio Lower Upper

63 100

112 4.7 3.9 5.9



#38

Bromodichloromethane

Concen: 51.103 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

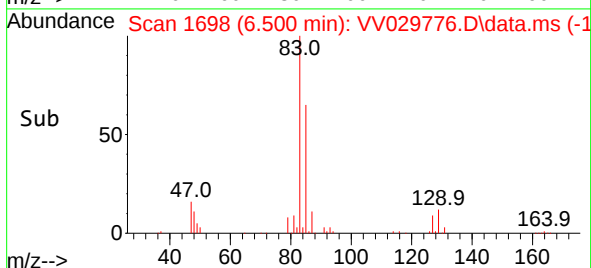
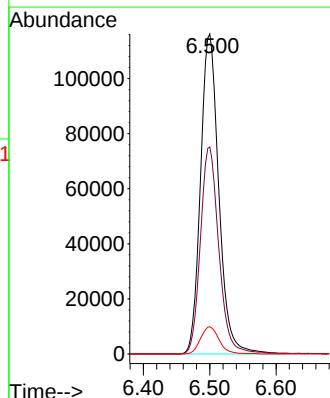
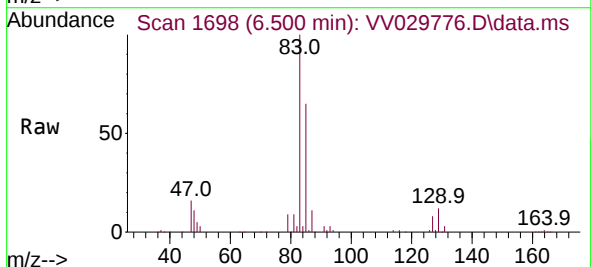
Tgt Ion: 83 Resp: 222473

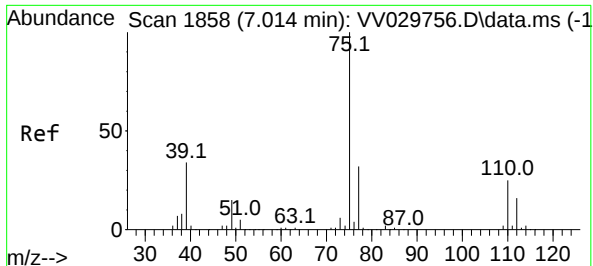
Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1

127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 44.414 ug/L

RT: 7.018 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

Instrument :

MSVOA_V

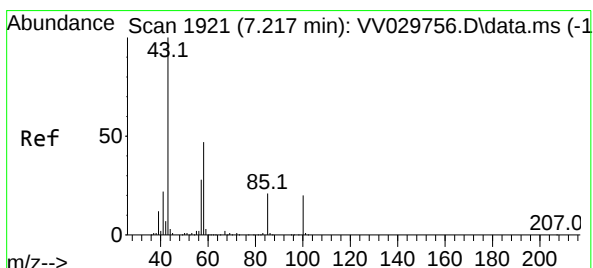
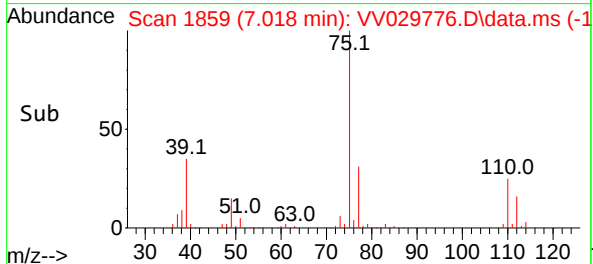
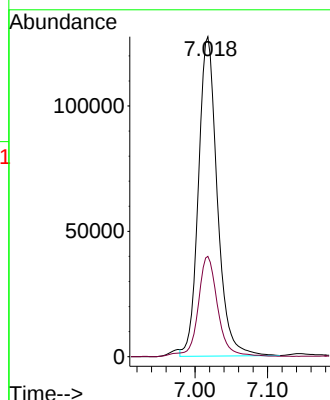
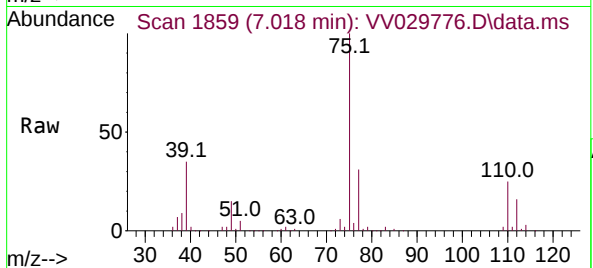
ClientSampleId :

Tgt Ion: 75 Resp: 230348

Ion Ratio Lower Upper

75 100

77 31.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 116.492 ug/L

RT: 7.217 min Scan# 1921

Delta R.T. -0.003 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

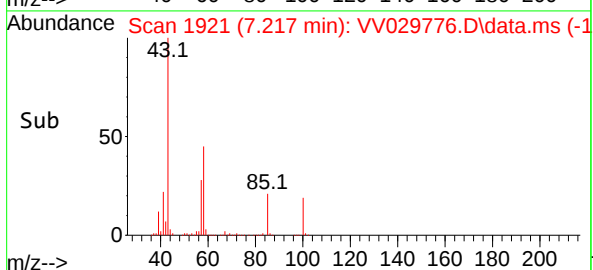
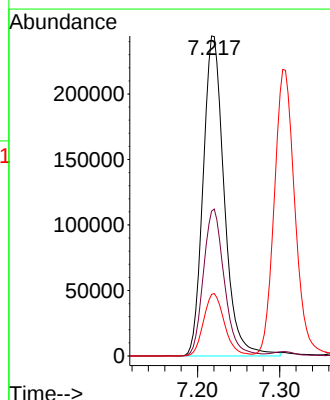
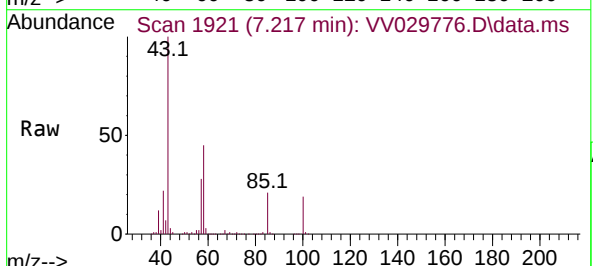
Tgt Ion: 43 Resp: 438008

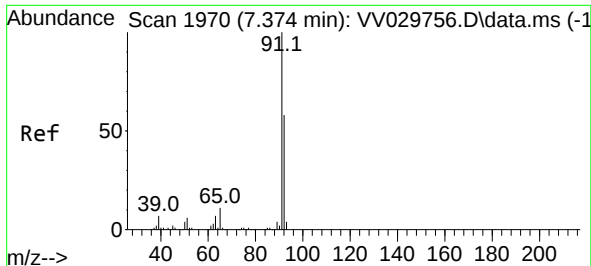
Ion Ratio Lower Upper

43 100

58 45.5 37.5 56.3

100 19.3 16.7 25.1





#42

Toluene

Concen: 51.527 ug/L

RT: 7.378 min Scan# 1970

Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

Instrument :

MSVOA_V

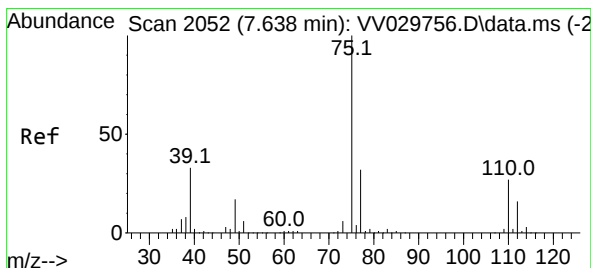
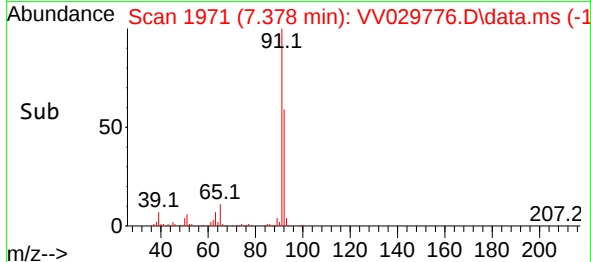
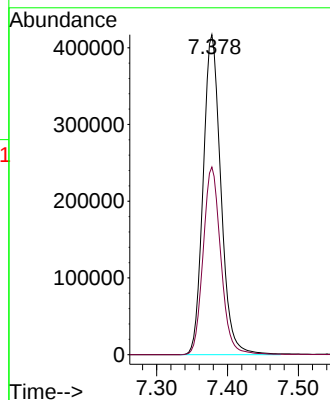
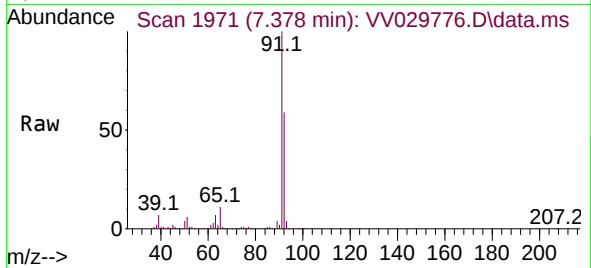
ClientSampleId :

Tgt Ion: 91 Resp: 724635

Ion Ratio Lower Upper

91 100

92 58.7 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 45.765 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VV029776.D

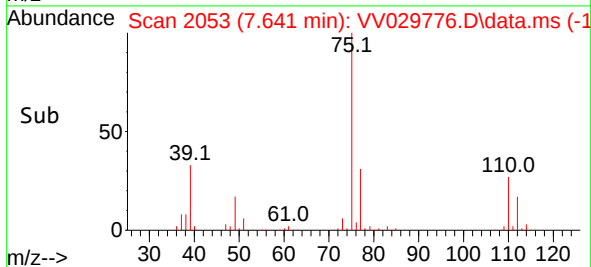
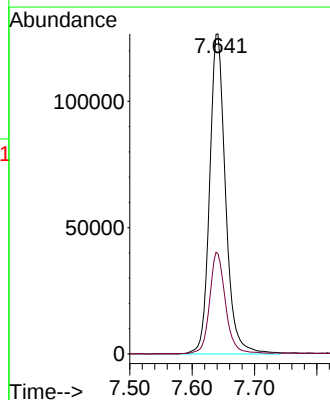
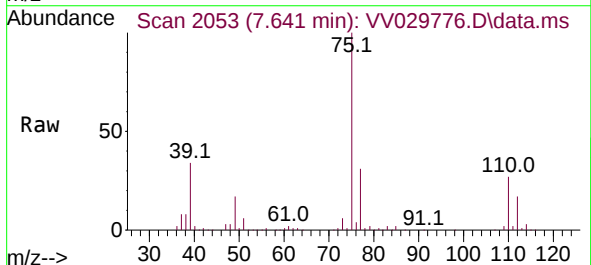
Acq: 23 Dec 2022 09:21

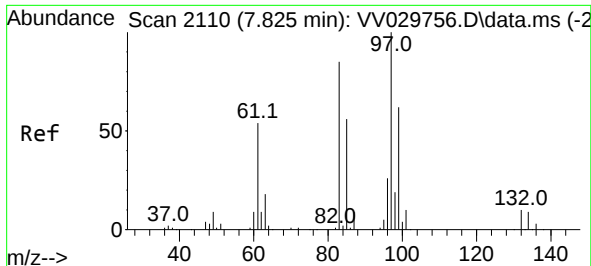
Tgt Ion: 75 Resp: 224780

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.5

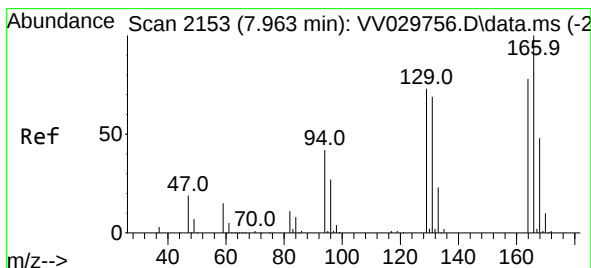
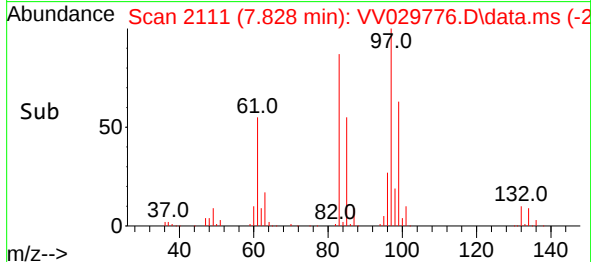
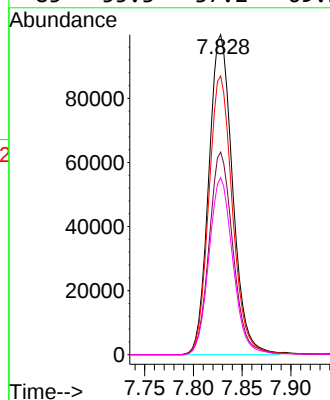
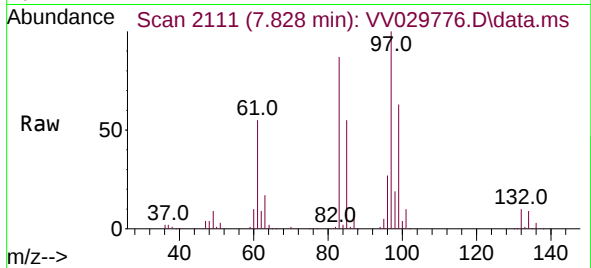




#45
1,1,2-Trichloroethane
Concen: 52.293 ug/L
RT: 7.828 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

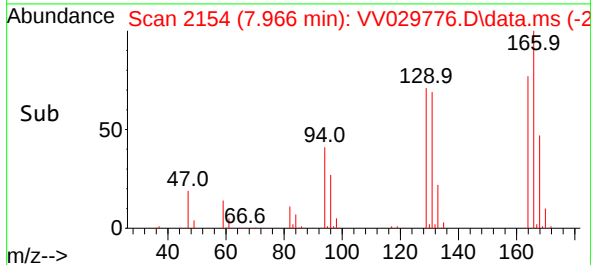
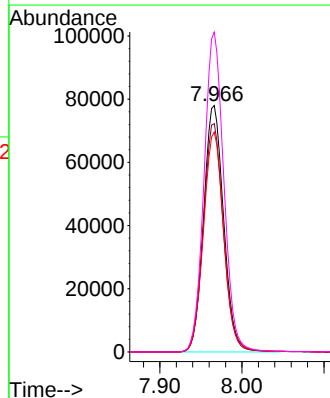
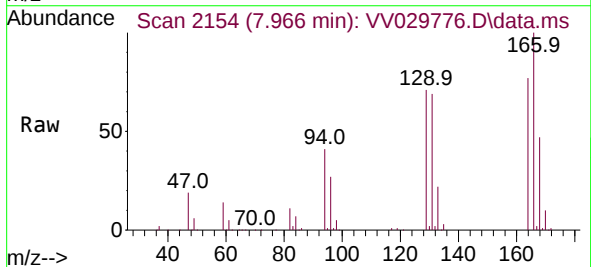
Instrument :
MSVOA_V
ClientSampleId :

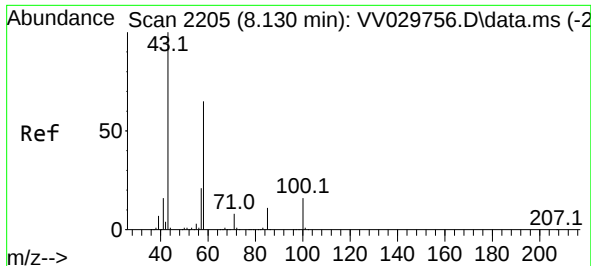
Tgt Ion: 97	Resp: 170371
Ion Ratio	Lower Upper
97 100	
99 63.3	43.8 81.3
83 87.1	58.6 108.8
85 55.3	37.2 69.2



#46
Tetrachloroethene
Concen: 50.380 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

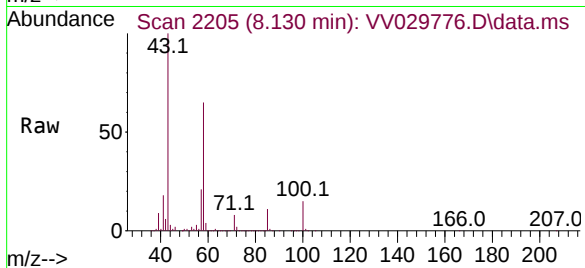
Tgt	Ion:164	Resp:	132618
Ion	Ratio	Lower	Upper
164	100		
129	92.7	65.3	121.3
131	89.2	63.1	117.1
166	129.9	90.8	168.6



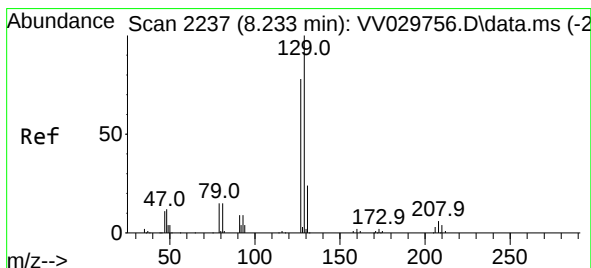
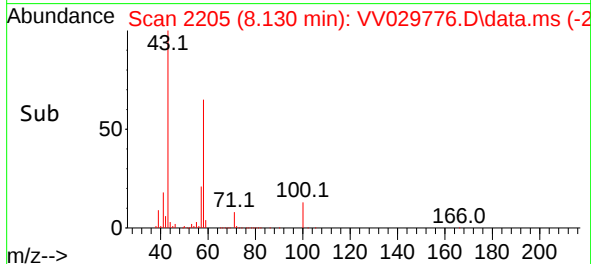
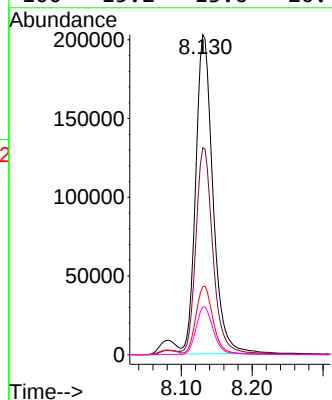


#48
2-Hexanone
Concen: 119.260 ug/L
RT: 8.130 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

Instrument :
MSVOA_V
ClientSampleId :

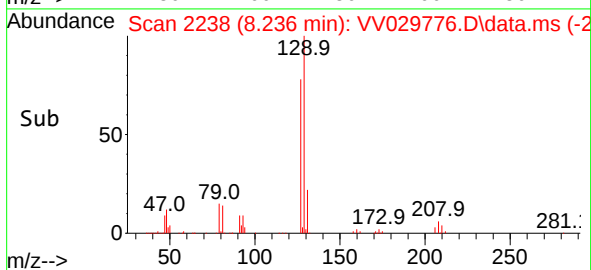
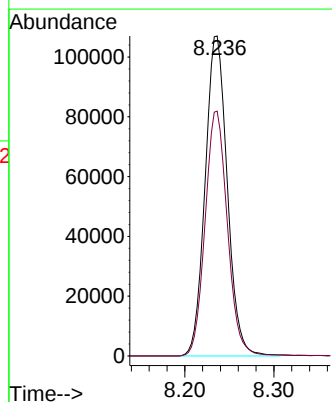
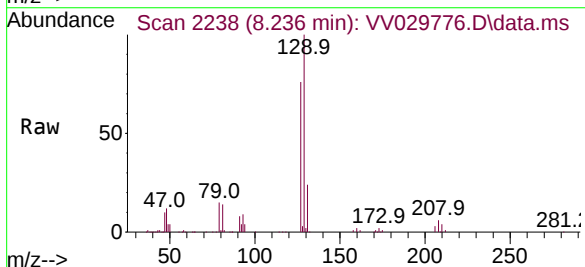


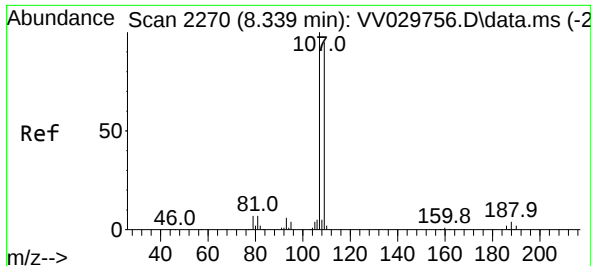
Tgt Ion: 43 Resp: 342591
Ion Ratio Lower Upper
43 100
58 64.5 54.1 81.1
57 21.3 17.4 26.0
100 15.2 13.6 20.4



#49
Dibromochloromethane
Concen: 51.286 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

Tgt Ion: 129 Resp: 184477
Ion Ratio Lower Upper
129 100
127 76.5 55.2 102.4





#50

1,2-Dibromoethane

Concen: 52.320 ug/L

RT: 8.339 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV029776.D

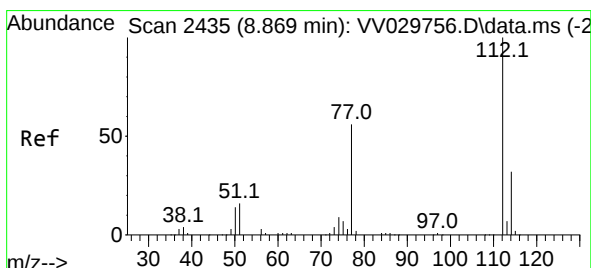
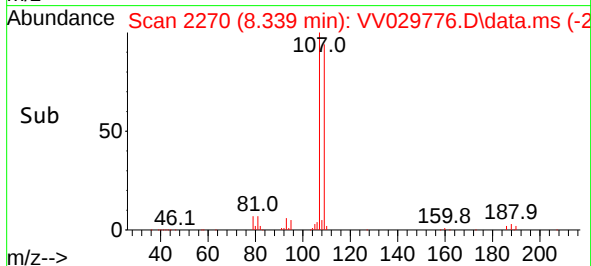
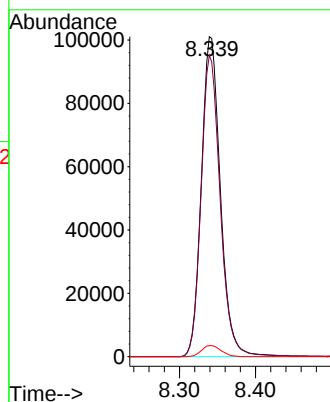
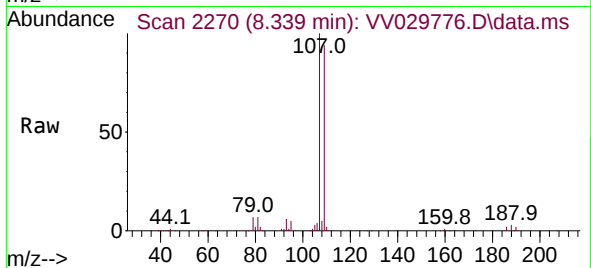
Acq: 23 Dec 2022 09:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp: 175611
Ion Ratio	Lower Upper
107 100	
109 94.2	66.0 122.6
188 3.5	3.2 4.8



#51

Chlorobenzene

Concen: 51.606 ug/L

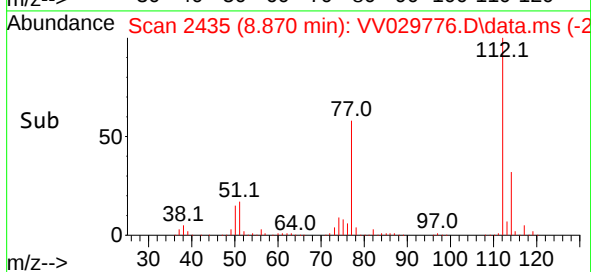
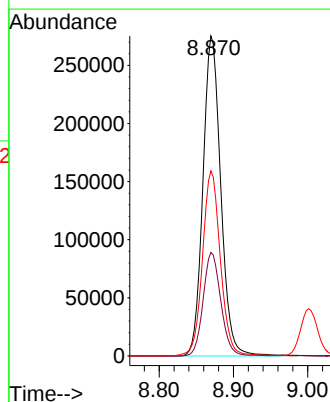
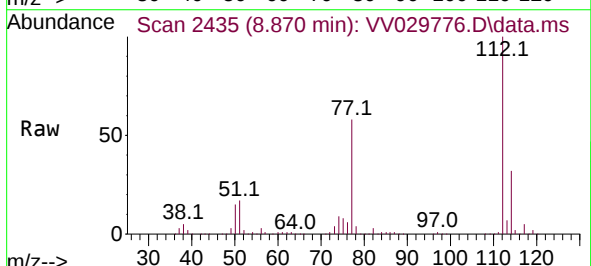
RT: 8.870 min Scan# 2435

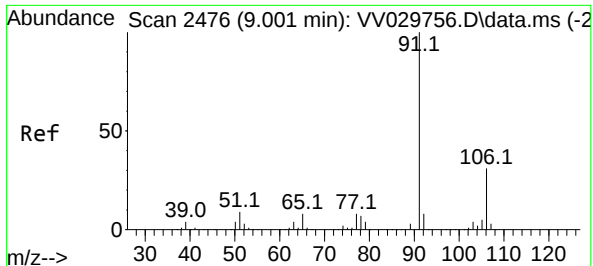
Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

Tgt Ion:112	Resp: 459562
Ion Ratio	Lower Upper
112 100	
114 32.4	22.3 41.3
77 57.9	45.0 67.4





#52

Ethylbenzene

Concen: 51.659 ug/L

RT: 9.002 min Scan# 2476

Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

Instrument :

MSVOA_V

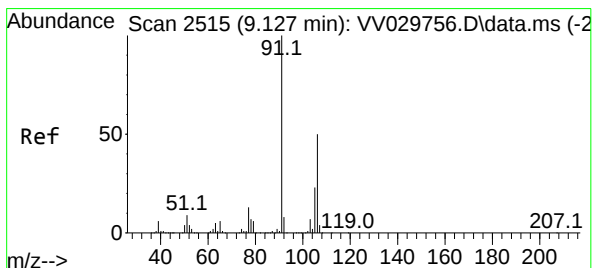
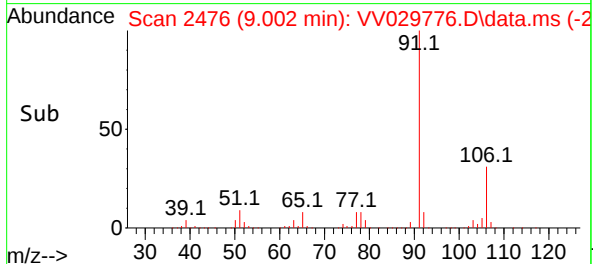
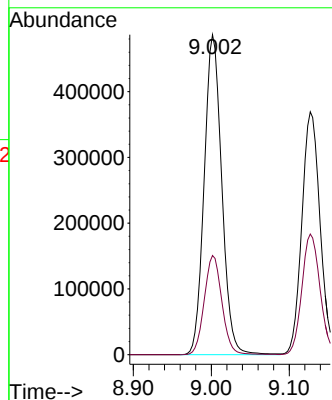
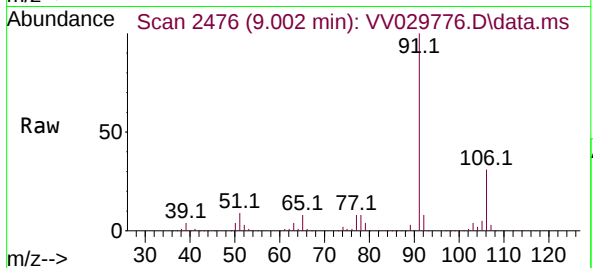
ClientSampleId :

Tgt Ion: 91 Resp: 763796

Ion Ratio Lower Upper

91 100

106 31.0 21.8 40.6



#53

m,p-Xylene

Concen: 51.140 ug/L

RT: 9.127 min Scan# 2515

Delta R.T. 0.000 min

Lab File: VV029776.D

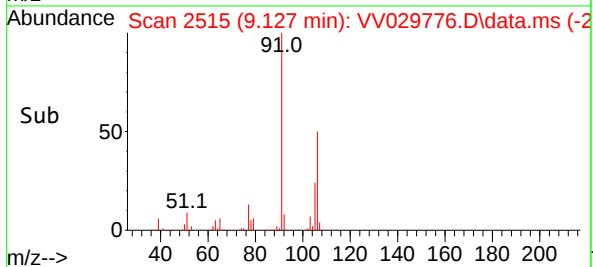
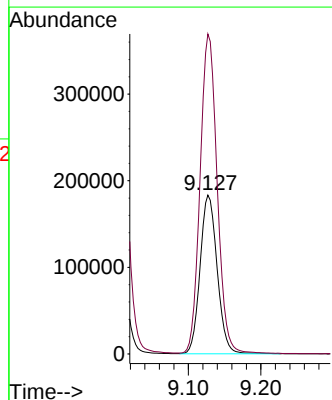
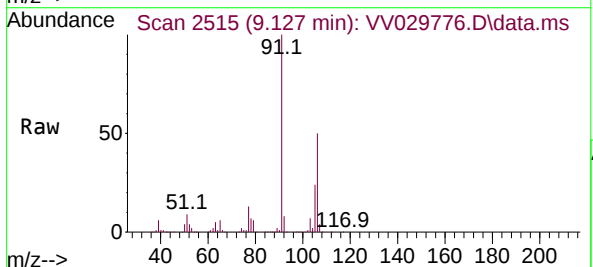
Acq: 23 Dec 2022 09:21

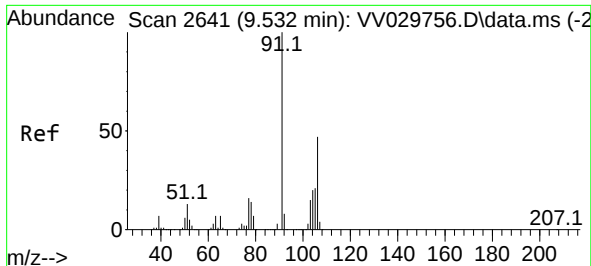
Tgt Ion: 106 Resp: 299263

Ion Ratio Lower Upper

106 100

91 201.4 139.5 259.1

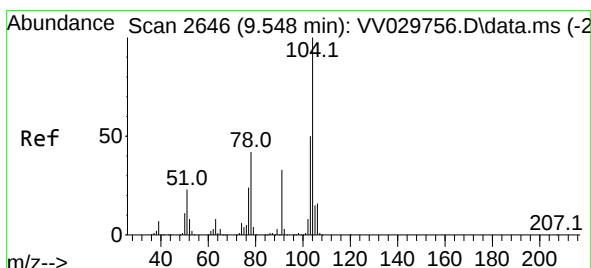
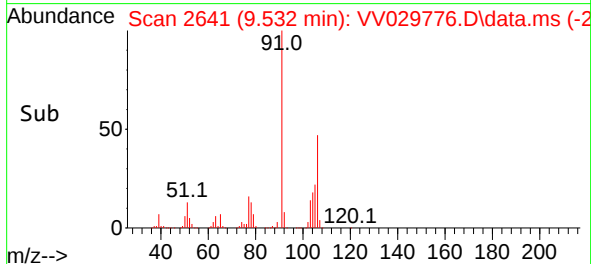
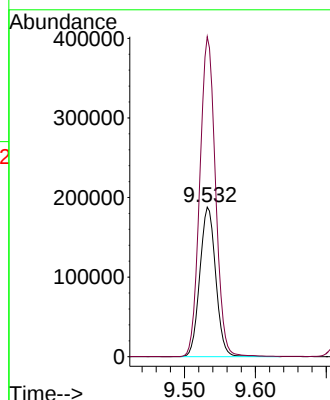
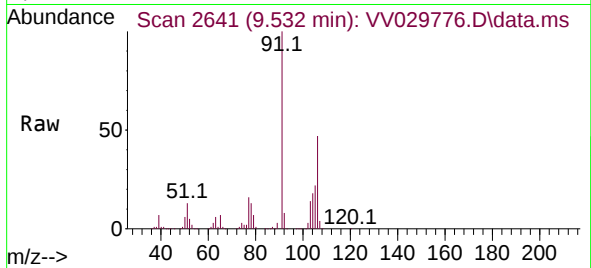




#54
o-Xylene
Concen: 50.513 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

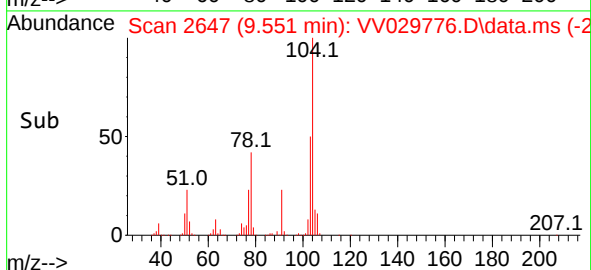
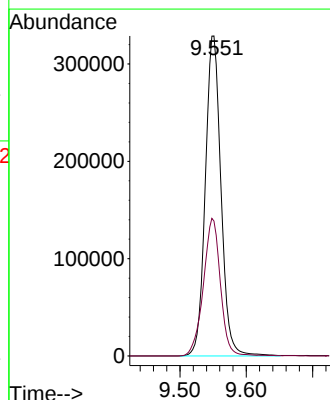
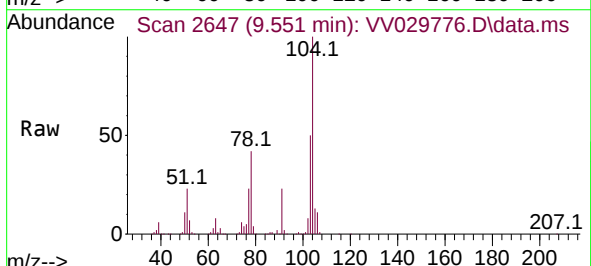
Instrument :
MSVOA_V
ClientSampleId :

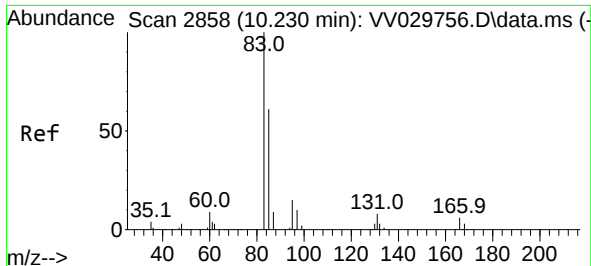
Tgt Ion:106 Resp: 292392
Ion Ratio Lower Upper
106 100
91 213.9 148.0 274.8



#55
Styrene
Concen: 53.809 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

Tgt Ion:104 Resp: 541281
Ion Ratio Lower Upper
104 100
78 42.2 29.4 54.6





#57

1,1,2,2-Tetrachloroethane

Concen: 53.088 ug/L

RT: 10.230 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

Instrument :

MSVOA_V

ClientSampleId :

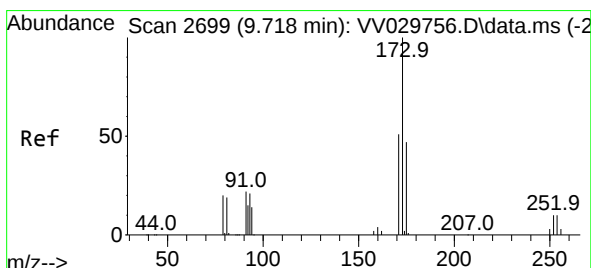
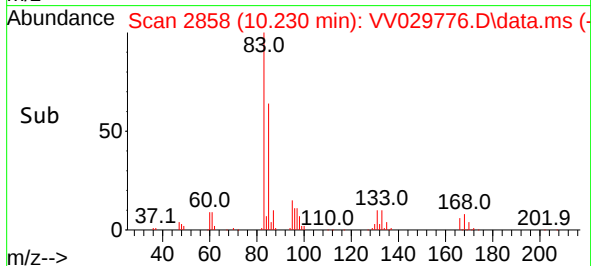
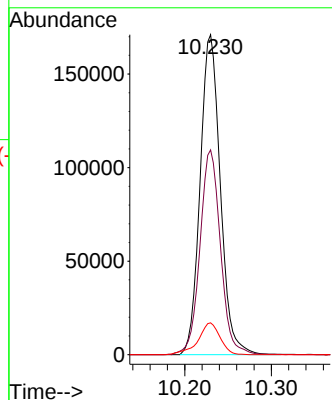
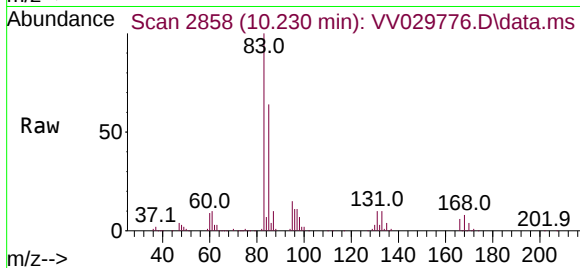
Tgt Ion: 83 Resp: 276674

Ion Ratio Lower Upper

83 100

85 64.0 45.7 84.9

131 9.9 7.9 11.9



#59

Bromoform

Concen: 47.994 ug/L

RT: 9.719 min Scan# 2699

Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

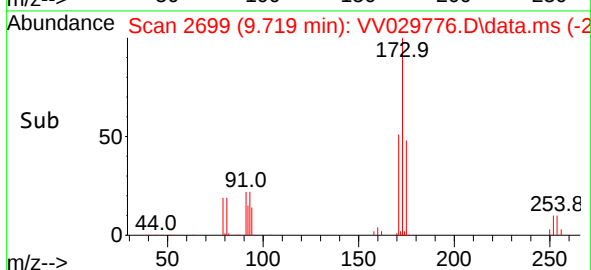
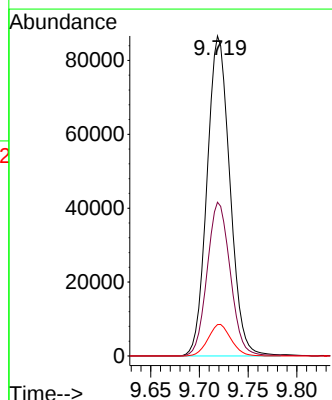
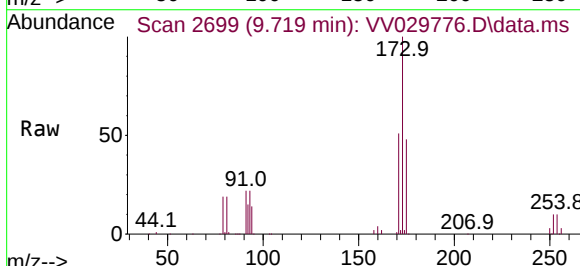
Tgt Ion: 173 Resp: 141480

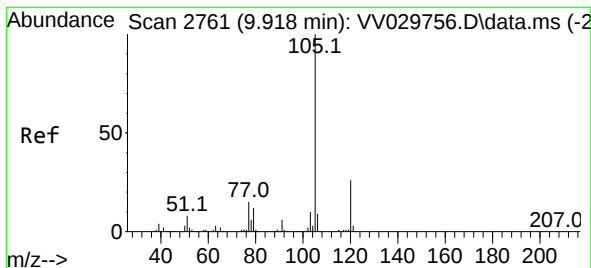
Ion Ratio Lower Upper

173 100

175 48.6 38.4 57.6

254 9.9 7.8 11.8





#60

Isopropylbenzene

Concen: 48.346 ug/L

RT: 9.921 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

Instrument :

MSVOA_V

ClientSampleId :

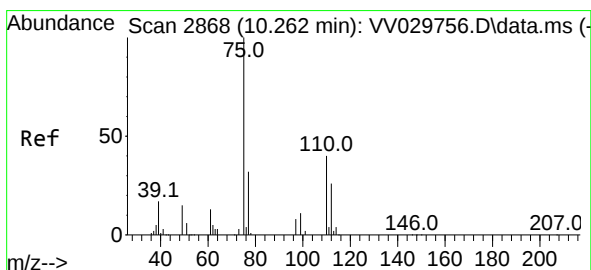
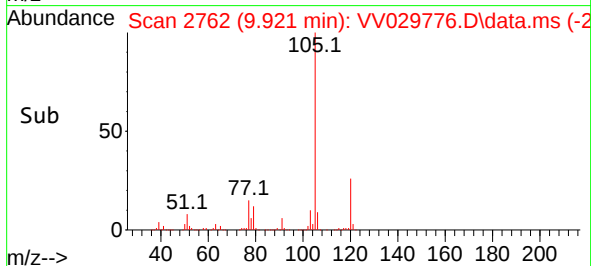
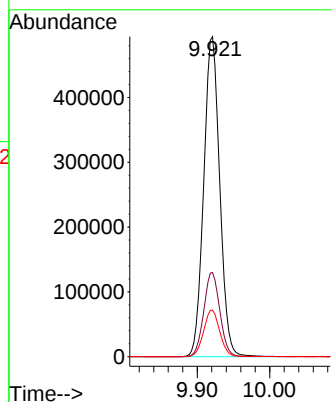
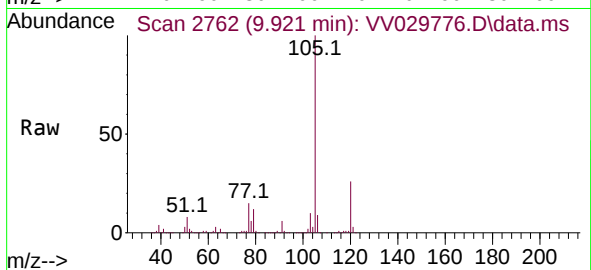
Tgt Ion:105 Resp: 757463

Ion Ratio Lower Upper

105 100

120 26.3 21.1 31.7

77 14.7 11.6 17.4



#61

1,2,3-Trichloropropane

Concen: 50.634 ug/L

RT: 10.262 min Scan# 2868

Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

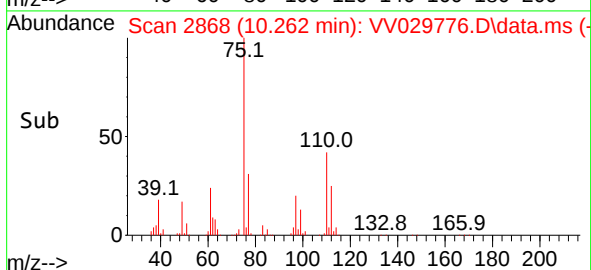
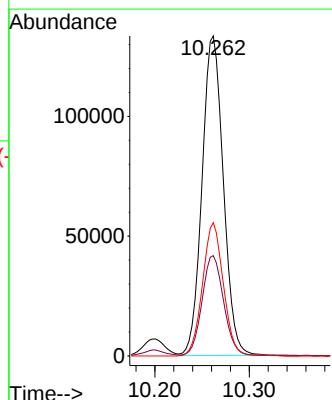
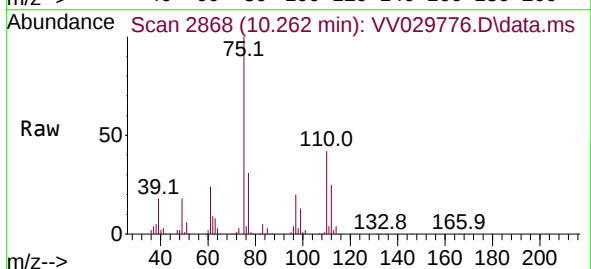
Tgt Ion: 75 Resp: 208570

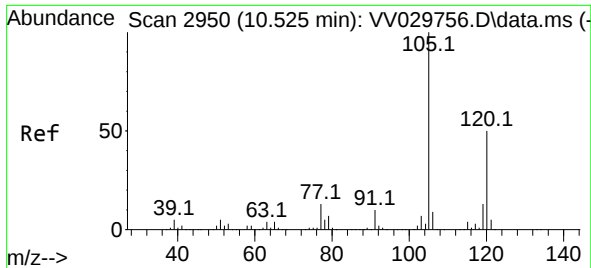
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

110 40.8 32.7 49.1

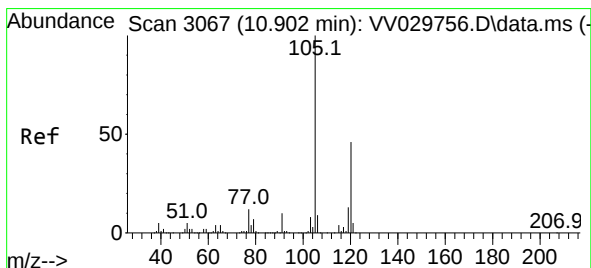
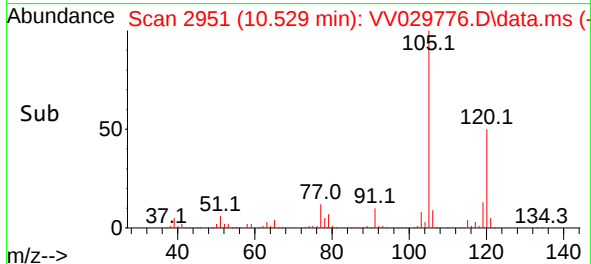
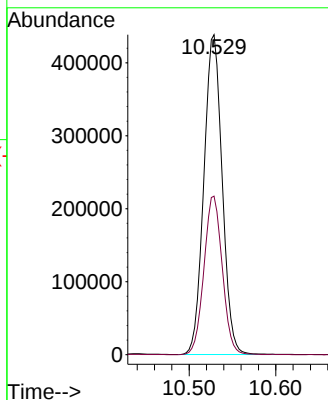
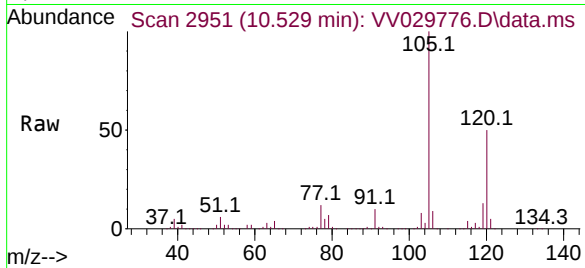




#62
1,3,5-Trimethylbenzene
Concen: 46.594 ug/L
RT: 10.529 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

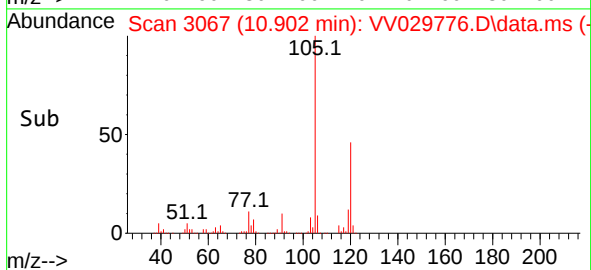
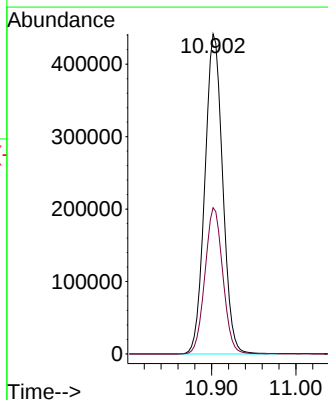
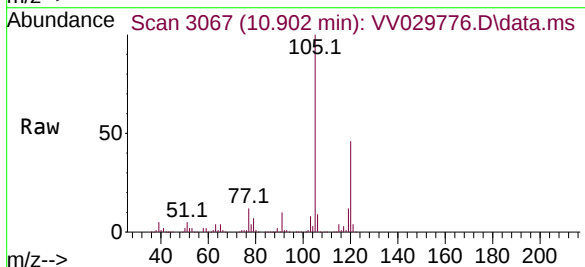
Instrument :
MSVOA_V
ClientSampleId :

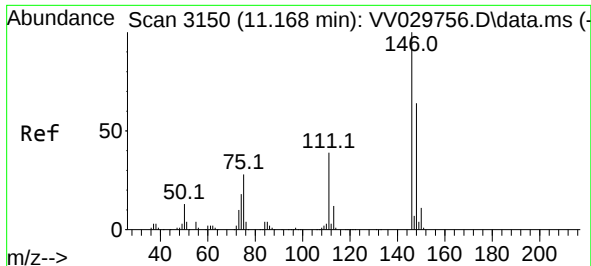
Tgt Ion:105 Resp: 645468
Ion Ratio Lower Upper
105 100
120 49.6 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 47.384 ug/L
RT: 10.902 min Scan# 3067
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

Tgt Ion:105 Resp: 650674
Ion Ratio Lower Upper
105 100
120 45.8 36.7 55.1

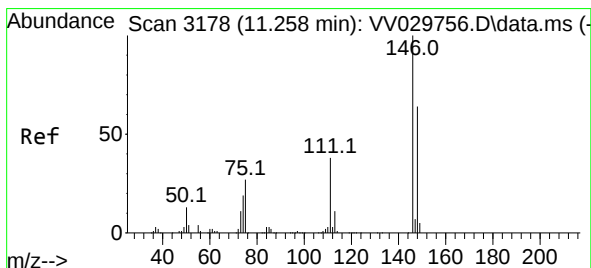
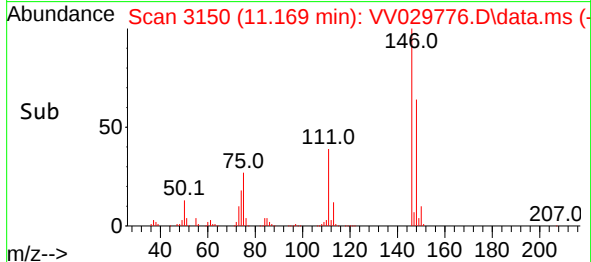
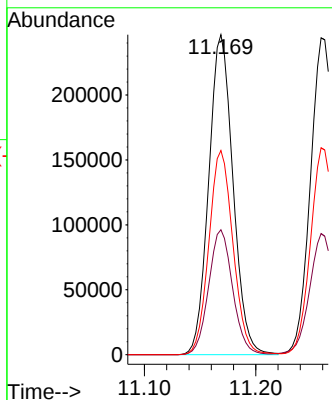
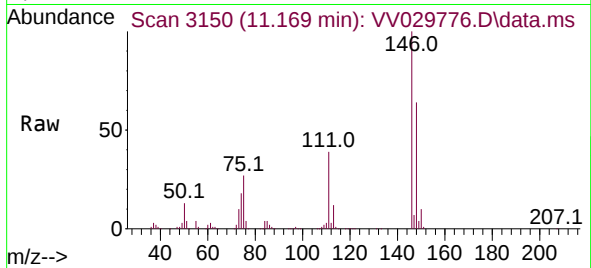




#64
1,3-Dichlorobenzene
Concen: 48.773 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

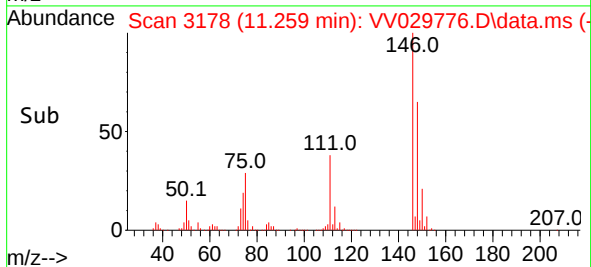
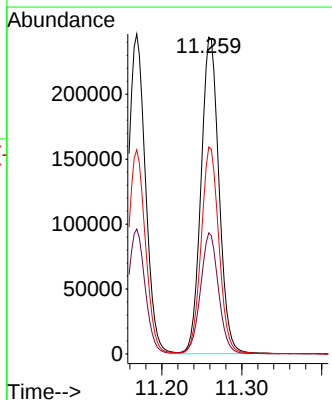
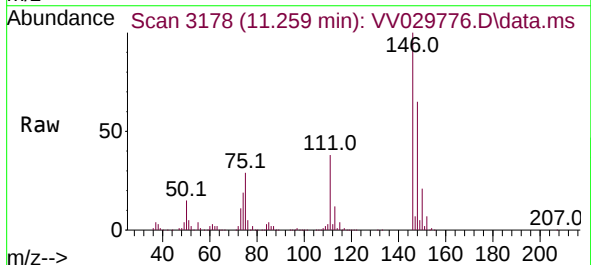
Instrument :
MSVOA_V
ClientSampleId :

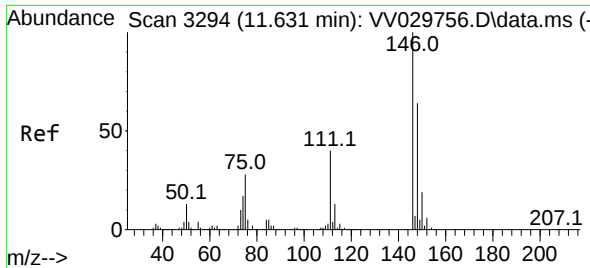
Tgt Ion:146 Resp: 373633
Ion Ratio Lower Upper
146 100
111 39.0 27.4 51.0
148 63.8 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 48.962 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. 0.000 min
Lab File: VV029776.D
Acq: 23 Dec 2022 09:21

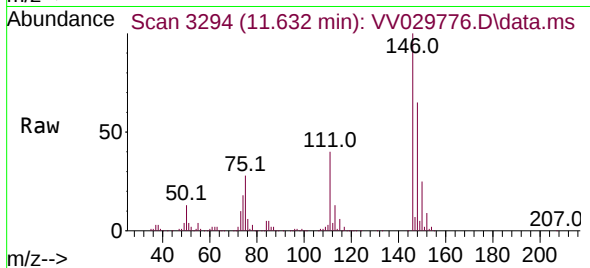
Tgt Ion:146 Resp: 381195
Ion Ratio Lower Upper
146 100
111 38.2 26.2 48.8
148 65.3 44.7 83.1



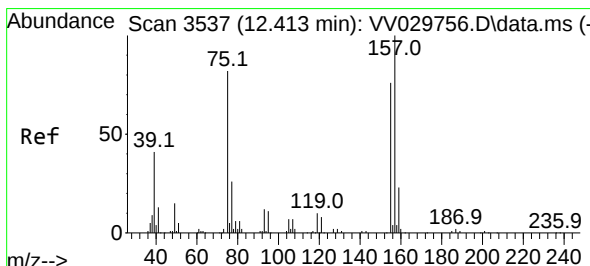
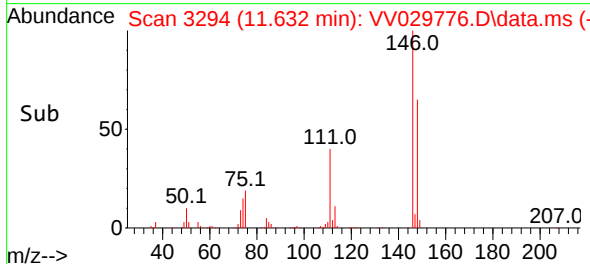
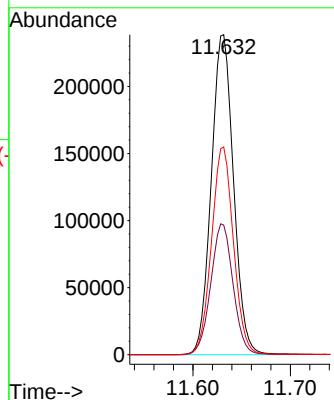


#67
 1,2-Dichlorobenzene
 Concen: 48.278 ug/L
 RT: 11.632 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV029776.D
 Acq: 23 Dec 2022 09:21

Instrument :
 MSVOA_V
 ClientSampleId :

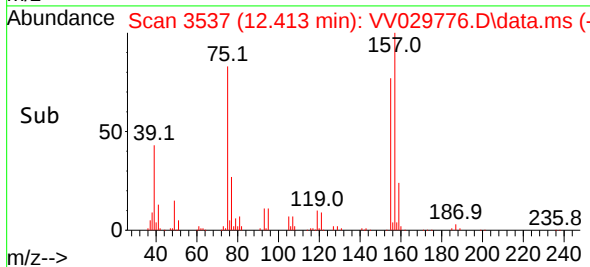
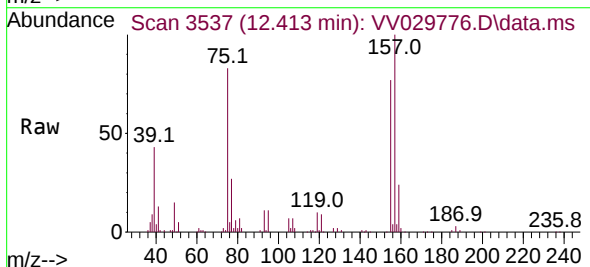
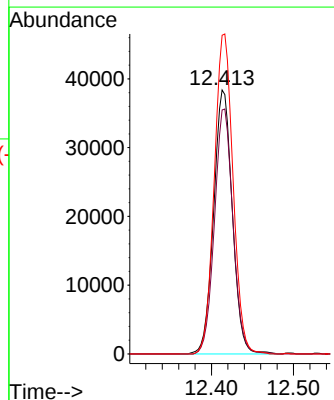


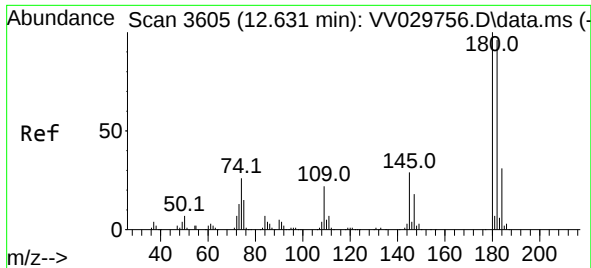
Tgt Ion:146 Resp: 378196
 Ion Ratio Lower Upper
 146 100
 111 40.5 32.0 48.0
 148 64.9 50.6 76.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 47.571 ug/L
 RT: 12.413 min Scan# 3537
 Delta R.T. 0.000 min
 Lab File: VV029776.D
 Acq: 23 Dec 2022 09:21

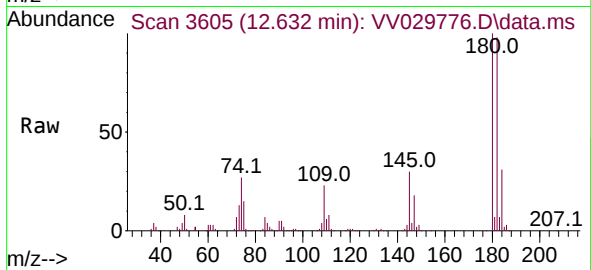
Tgt Ion: 75 Resp: 60903
 Ion Ratio Lower Upper
 75 100
 155 92.4 76.2 114.2
 157 120.7 96.0 144.0



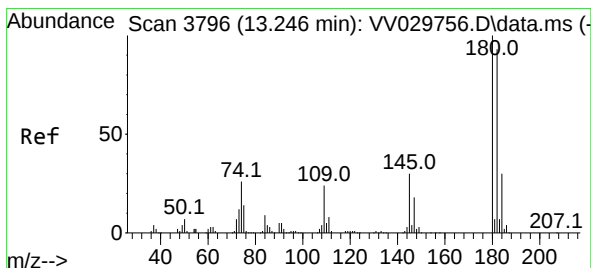
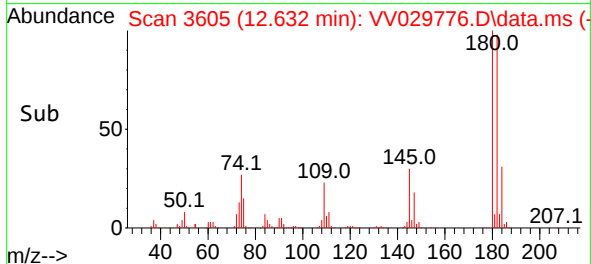
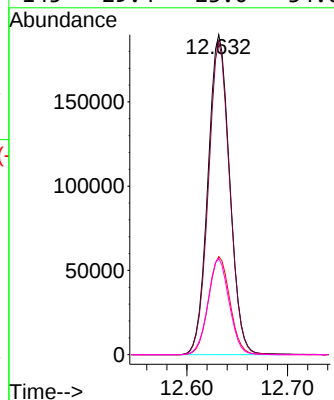


#69
 1,3,5-Trichlorobenzene
 Concen: 46.747 ug/L
 RT: 12.632 min Scan# 3605
 Delta R.T. 0.000 min
 Lab File: VV029776.D
 Acq: 23 Dec 2022 09:21

Instrument :
 MSVOA_V
 ClientSampleId :

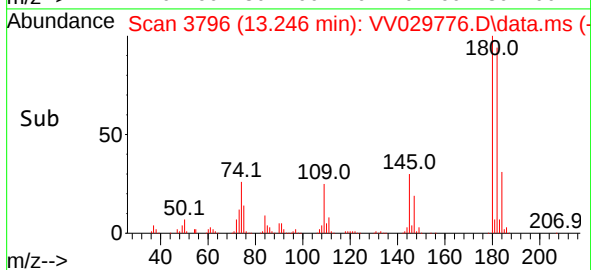
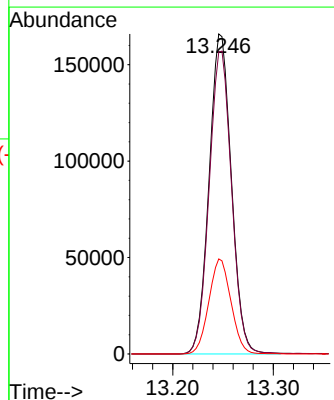
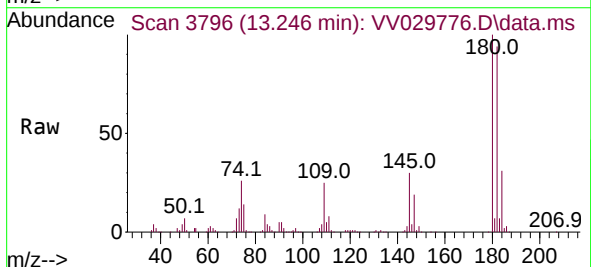


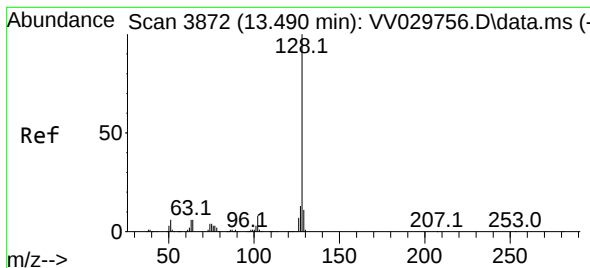
Tgt Ion:180 Resp: 284990
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.5 114.7
 184 30.4 24.6 36.8
 145 29.4 23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 47.086 ug/L
 RT: 13.246 min Scan# 3796
 Delta R.T. -0.003 min
 Lab File: VV029776.D
 Acq: 23 Dec 2022 09:21

Tgt Ion:180 Resp: 255265
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.3 114.5
 145 29.6 23.7 35.5





#71

Naphthalene

Concen: 55.999 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

Instrument :

MSVOA_V

ClientSampleId :

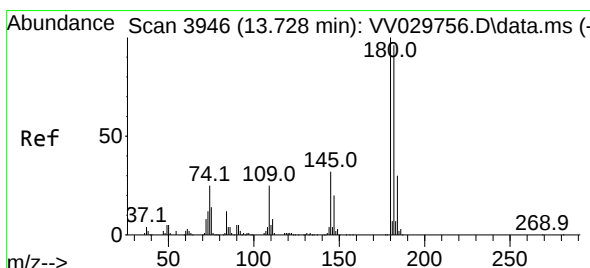
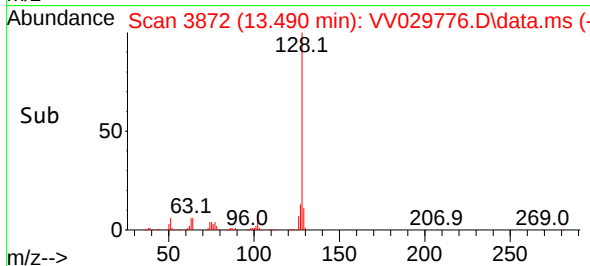
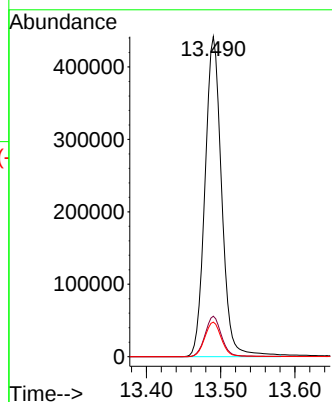
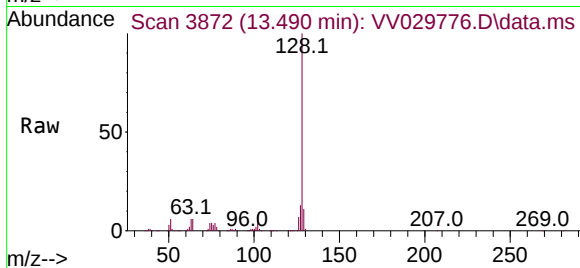
Tgt Ion:128 Resp: 688605

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 48.582 ug/L

RT: 13.728 min Scan# 3946

Delta R.T. 0.000 min

Lab File: VV029776.D

Acq: 23 Dec 2022 09:21

Tgt Ion:180 Resp: 257966

Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 31.3 25.0 37.6

