

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
 Data File : VV028109.D
 Acq On : 23 Sep 2022 18:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 01:29:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 24 01:23:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	180282	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	181549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	100575	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	74265	3.973	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.400%	
7) Chloroethane-d5	1.561	69	63495	4.273	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.400%	
11) 1,1-Dichloroethene-d2	2.101	63	128098	3.952	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.000%	
20) 2-Butanone-d5	3.905	46	171013	54.197	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.400%	
24) Chloroform-d	4.343	84	145747	4.887	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	5.027	65	69507	4.898	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.043	84	262004	4.401	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.066	67	84779	4.568	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.400%	
41) Toluene-d8	7.310	98	233436	4.332	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	7.619	79	30786	4.592	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.088	63	144660	51.704	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.400%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	63275	4.988	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	87660	4.444	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	65068	4.832	ug/L	94
3) Chloromethane	1.237	50	64315	3.607	ug/L	98
5) Vinyl chloride	1.304	62	70710	5.058	ug/L	99
6) Bromomethane	1.516	94	43613	4.790	ug/L	99
8) Chloroethane	1.577	64	44835	4.783	ug/L	99
9) Trichlorofluoromethane	1.748	101	108795	4.901	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	62063	4.852	ug/L	98
12) 1,1-Dichloroethene	2.111	96	55350	4.443	ug/L	92
13) Acetone	2.211	43	84883	34.924	ug/L	98
14) Carbon disulfide	2.285	76	115675	4.838	ug/L	100
15) Methyl Acetate	2.442	43	22789	4.830	ug/L #	90
16) Methylene chloride	2.500	84	74248	5.339	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	138763	5.177	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	56936	5.220	ug/L	99
19) 1,1-Dichloroethane	3.182	63	126651	5.323	ug/L	97
21) 2-Butanone	3.989	43	142191	47.255	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	64775	4.526	ug/L	98
23) Bromochloromethane	4.243	128	29833	5.206	ug/L	94
25) Chloroform	4.368	83	134182	5.256	ug/L	99

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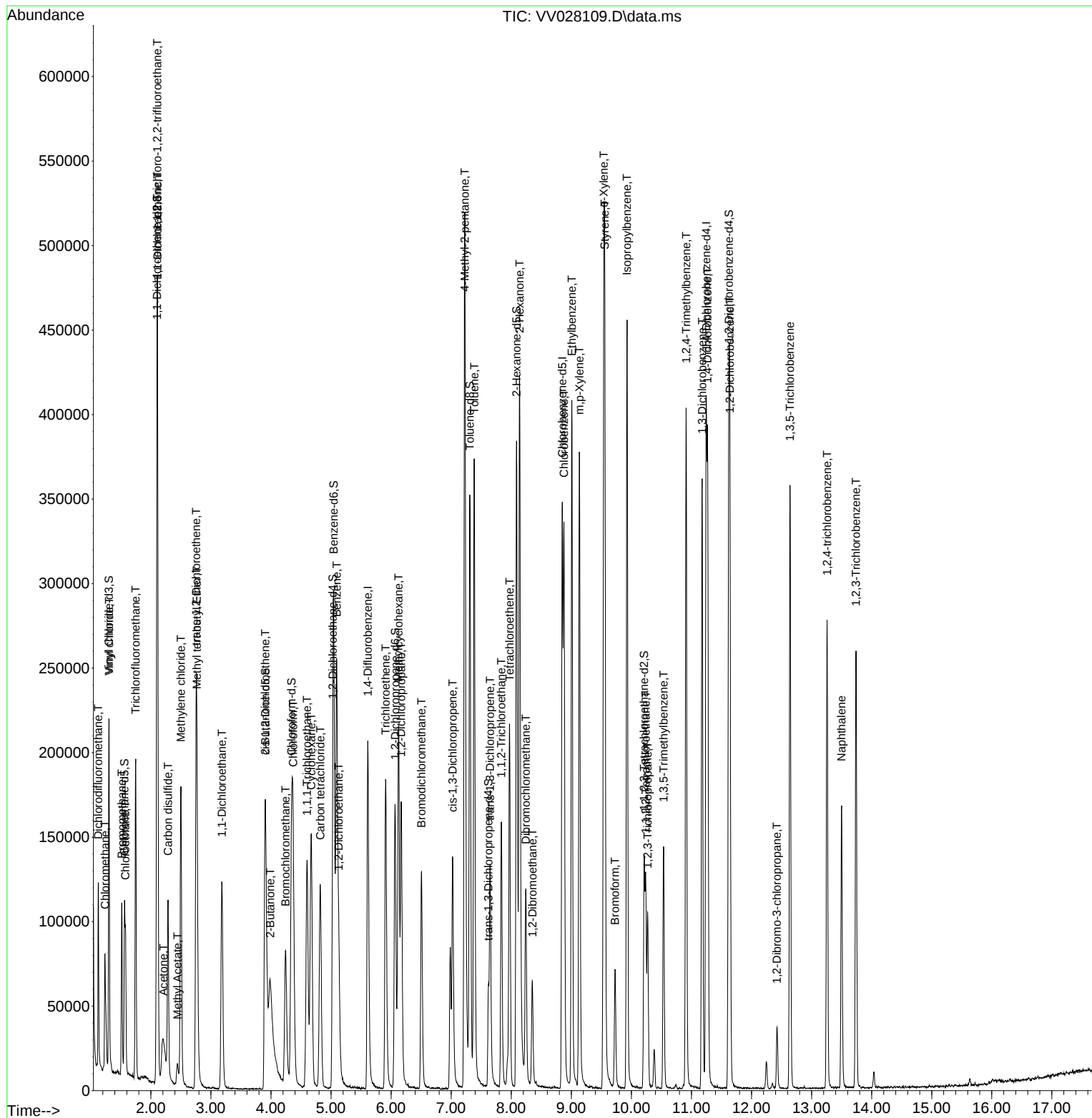
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	69550	5.109	ug/L #	94
29) 1,1,1-Trichloroethane	4.600	97	110701	4.963	ug/L	99
30) Cyclohexane	4.670	56	74530	4.620	ug/L	94
31) Carbon tetrachloride	4.822	117	93130	5.073	ug/L	99
33) Benzene	5.095	78	259372	5.145	ug/L	100
34) Trichloroethene	5.908	95	67454	5.375	ug/L	99
35) Methylcyclohexane	6.124	83	82167	4.774	ug/L	97
37) 1,2-Dichloropropane	6.169	63	69670	4.930	ug/L #	97
38) Bromodichloromethane	6.506	83	90863	5.207	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	87649	4.993	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	376707	54.888	ug/L	99
42) Toluene	7.384	91	277488	5.277	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	76871	5.091	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	48993	5.172	ug/L	97
47) Tetrachloroethene	7.973	164	50872	5.079	ug/L	95
48) 2-Hexanone	8.140	43	279727	53.689	ug/L	100
49) Dibromochloromethane	8.243	129	58622	5.146	ug/L	98
50) 1,2-Dibromoethane	8.352	107	43231	5.251	ug/L	97
51) Chlorobenzene	8.876	112	174610	4.950	ug/L	97
52) Ethylbenzene	9.008	91	278029	4.997	ug/L	99
53) m,p-Xylene	9.137	106	108811	5.104	ug/L	97
54) o-Xylene	9.542	106	106631	5.065	ug/L	100
55) Styrene	9.558	104	187652	5.144	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	58749	5.322	ug/L	99
59) Bromoform	9.728	173	31759	4.974	ug/L	99
60) Isopropylbenzene	9.927	105	285222	4.831	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	42784	5.072	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	75803	4.559	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	215039	4.626	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	145587	4.956	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	145284	4.943	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	136594	4.922	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	9575	5.178	ug/L	88
69) 1,3,5-Trichlorobenzene	12.641	180	111064	4.777	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	86738	4.665	ug/L	100
71) Naphthalene	13.500	128	137461	4.514	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	81075	4.820	ug/L	98

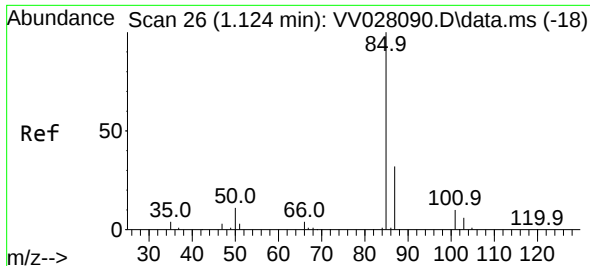
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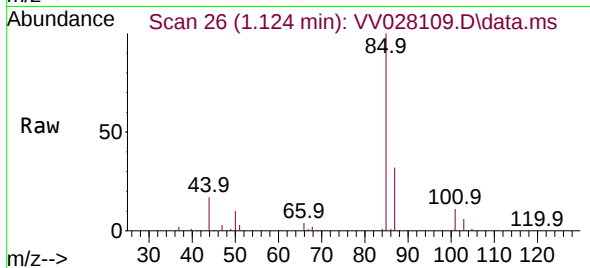
Quant Time: Sep 24 01:29:14 2022
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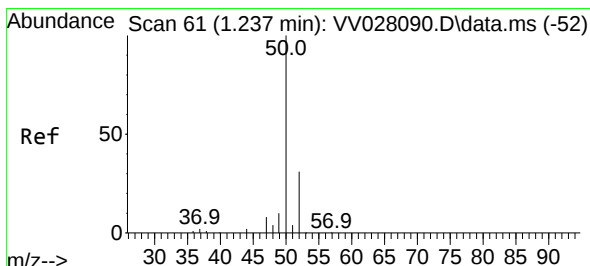
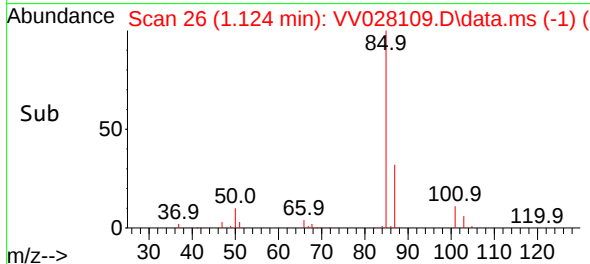
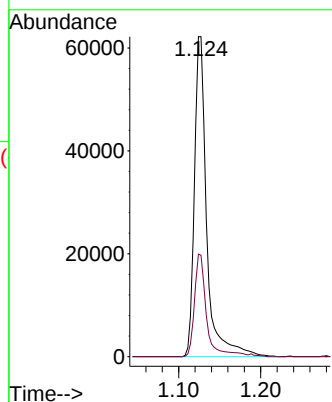


#2
 Dichlorodifluoromethane
 Concen: 4.832 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV028109.D
 Acq: 23 Sep 2022 18:15

Instrument :
 MSVOA_V
 ClientSampleId :

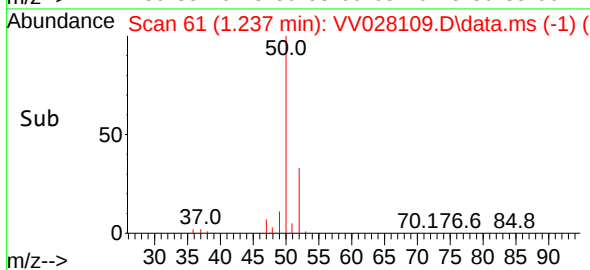
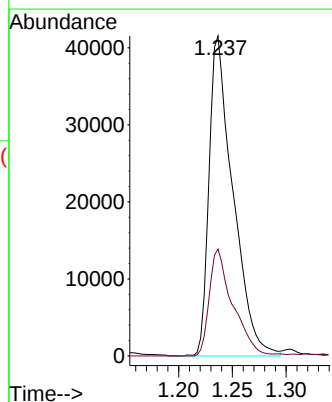
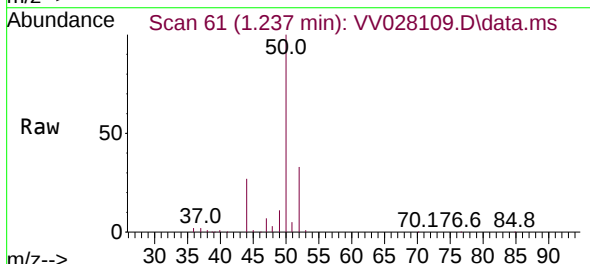


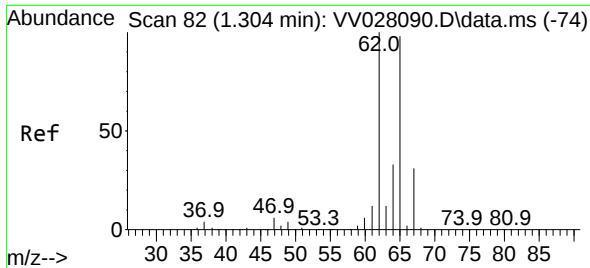
Tgt Ion: 85 Resp: 65068
 Ion Ratio Lower Upper
 85 100
 87 31.8 22.8 34.2



#3
 Chloromethane
 Concen: 3.607 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028109.D
 Acq: 23 Sep 2022 18:15

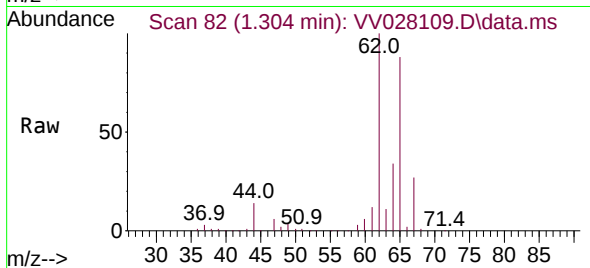
Tgt Ion: 50 Resp: 64315
 Ion Ratio Lower Upper
 50 100
 52 33.4 24.4 45.2



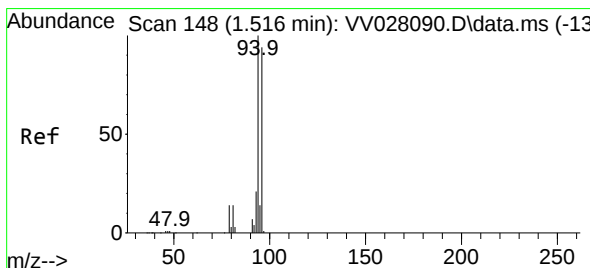
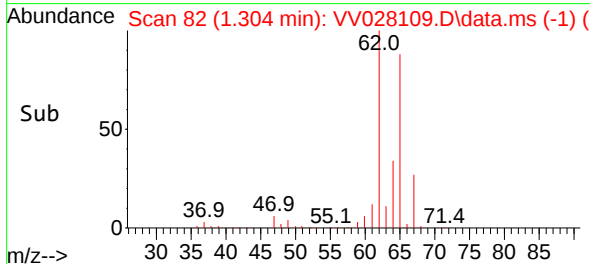
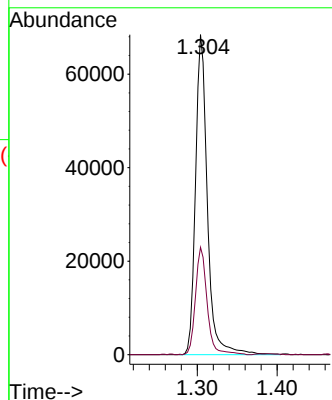


#5
 Vinyl chloride
 Concen: 5.058 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028109.D
 Acq: 23 Sep 2022 18:15

Instrument :
 MSVOA_V
 ClientSampleId :

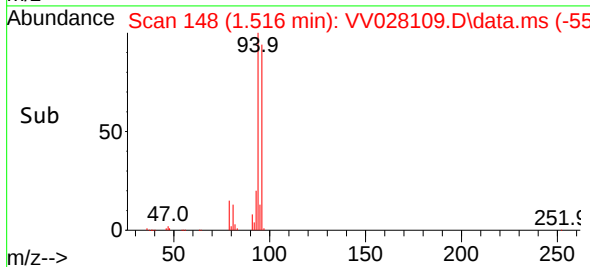
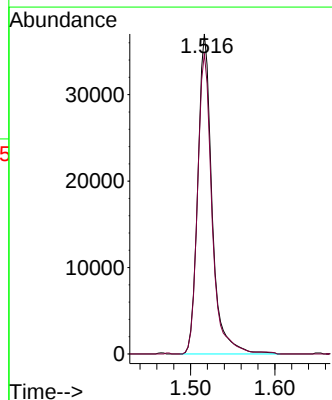
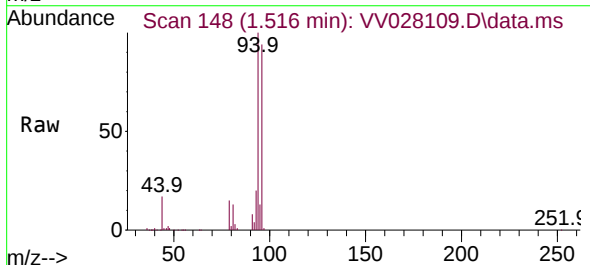


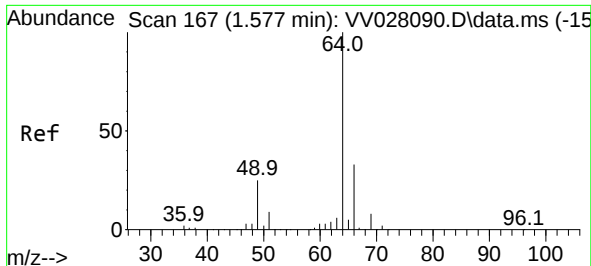
Tgt Ion: 62 Resp: 70710
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.0 42.8



#6
 Bromomethane
 Concen: 4.790 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028109.D
 Acq: 23 Sep 2022 18:15

Tgt Ion: 94 Resp: 43613
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.7 123.9

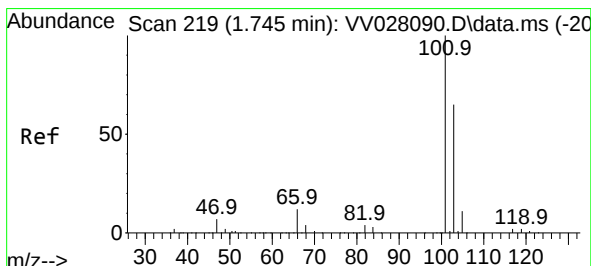
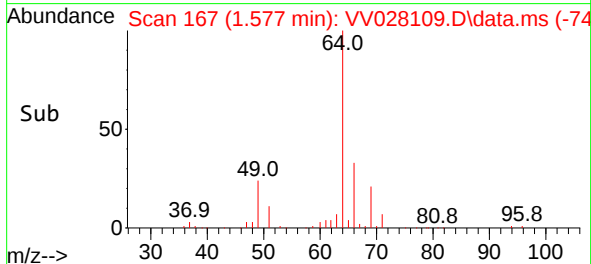
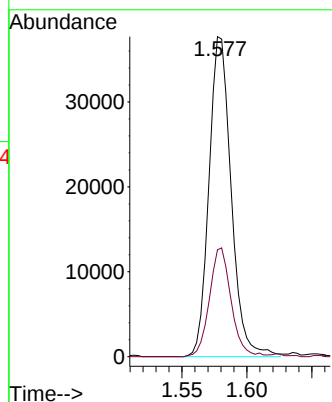
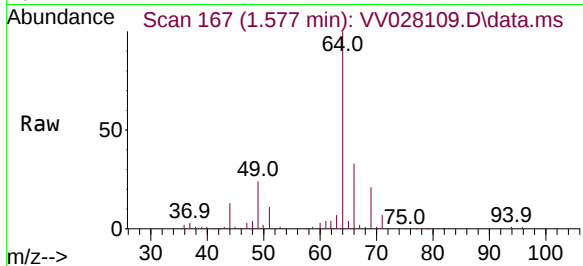




#8
Chloroethane
Concen: 4.783 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

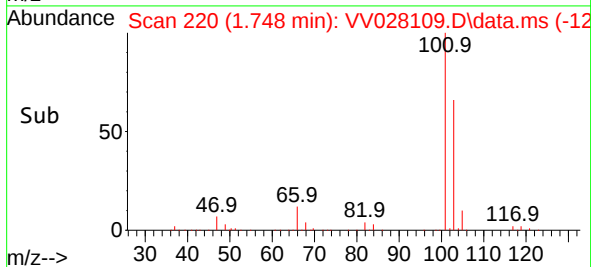
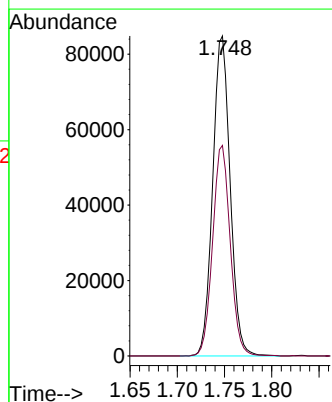
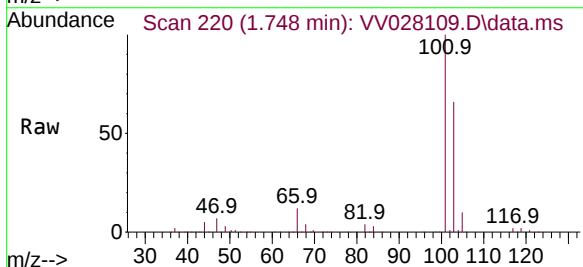
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MSVOA_V
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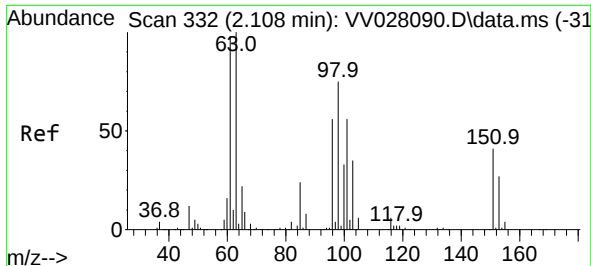
Tgt Ion: 64 Resp: 44835
Ion Ratio Lower Upper
64 100
66 33.4 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.901 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

Tgt Ion:101 Resp: 108795
Ion Ratio Lower Upper
101 100
103 66.5 51.4 77.0





#10

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

Concen: 4.852 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.000 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

Instrument :

MSVOA_V

ClientSampleId :

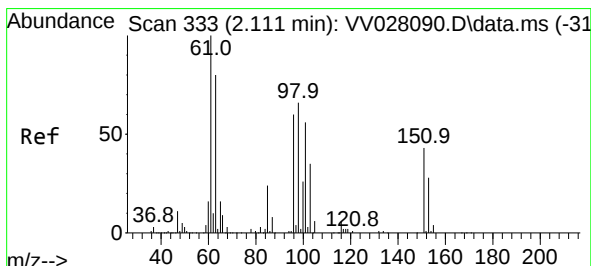
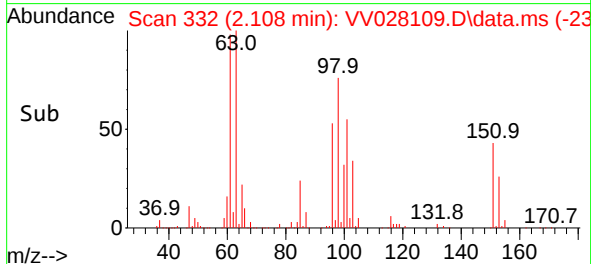
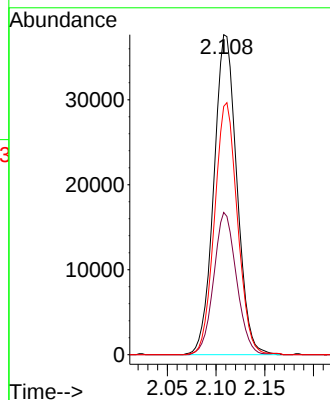
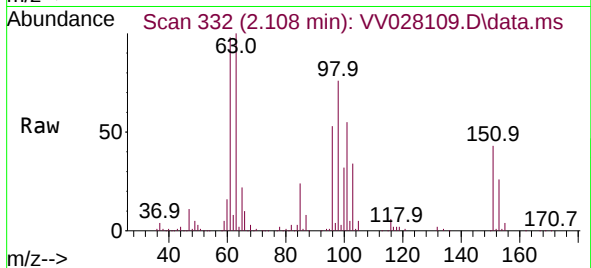
Tgt Ion:101 Resp: 62063

Ion Ratio Lower Upper

101 100

85 43.8 34.4 51.6

151 78.3 61.1 91.7



#12

1,1-Dichloroethene

Concen: 4.443 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

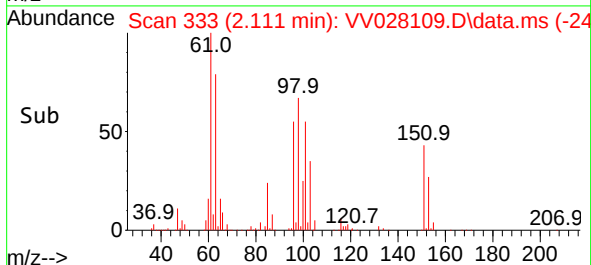
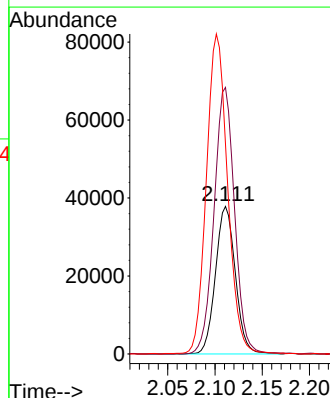
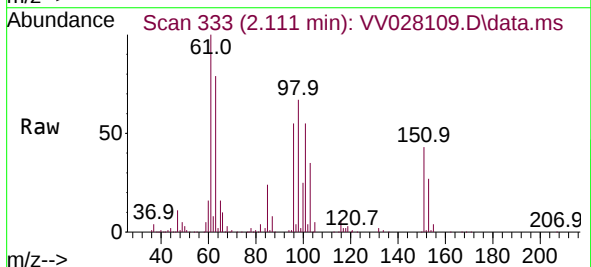
Tgt Ion: 96 Resp: 55350

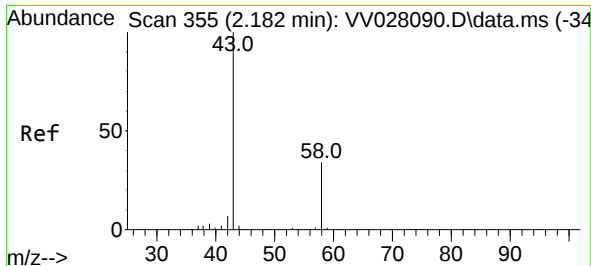
Ion Ratio Lower Upper

96 100

61 180.7 128.3 238.3

63 142.4 112.7 209.3





#13

Acetone

Concen: 34.924 ug/L

RT: 2.211 min Scan# 3

Delta R.T. 0.029 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

Instrument :

MSVOA_V

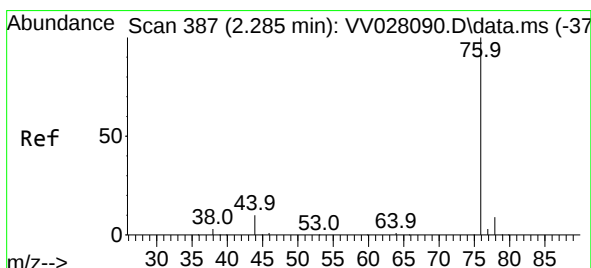
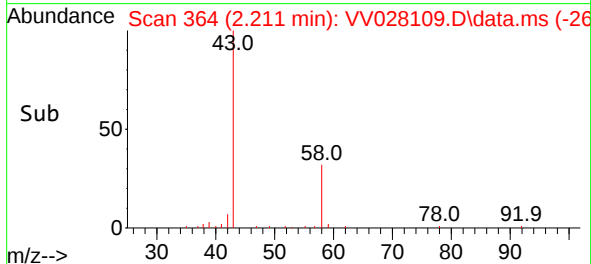
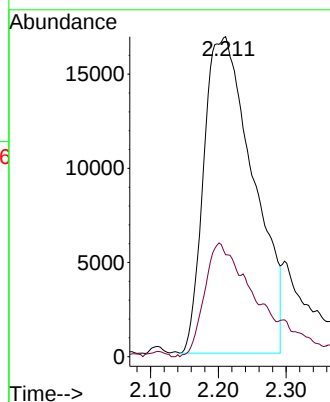
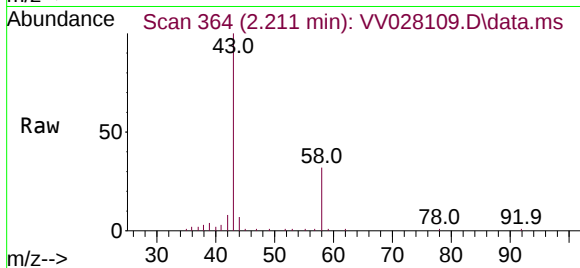
ClientSampleId :

Tgt Ion: 43 Resp: 84883

Ion Ratio Lower Upper

43 100

58 34.2 0.0 65.6



#14

Carbon disulfide

Concen: 4.838 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV028109.D

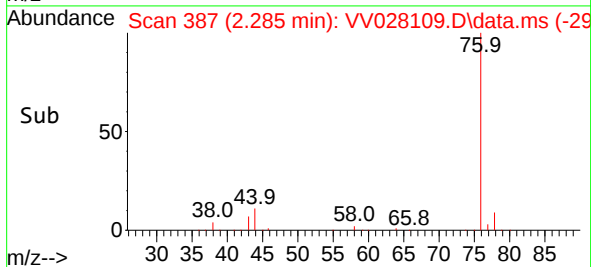
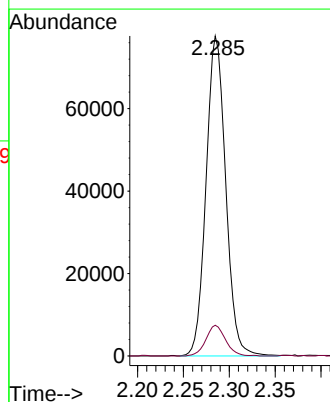
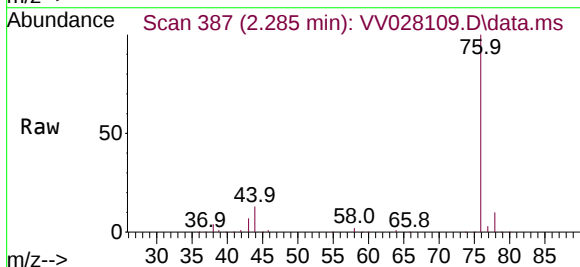
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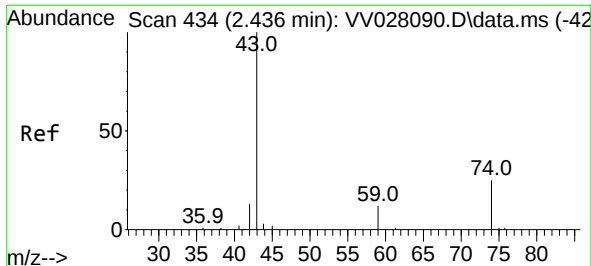
Tgt Ion: 76 Resp: 115675

Ion Ratio Lower Upper

76 100

78 9.6 7.6 11.4

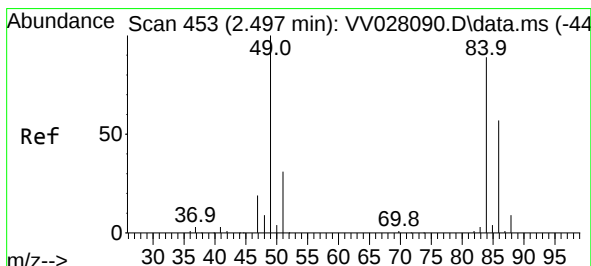
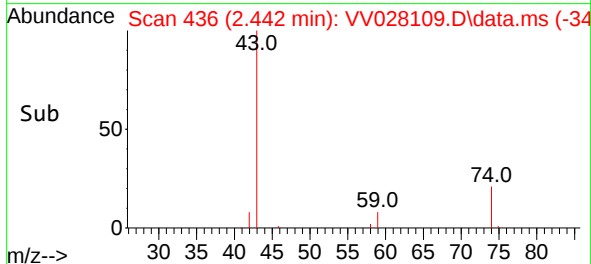
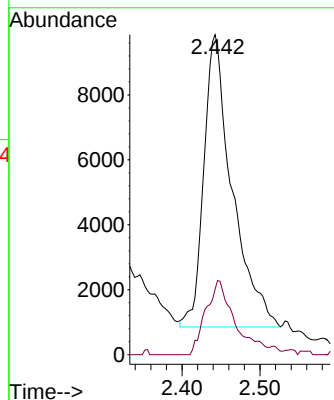
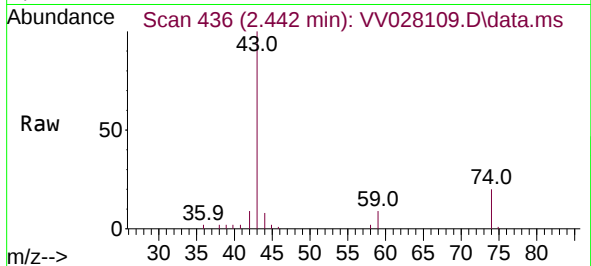




#15
Methyl Acetate
Concen: 4.830 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

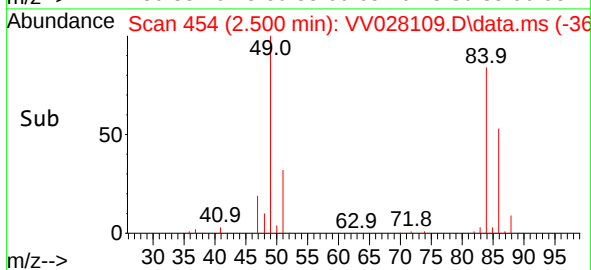
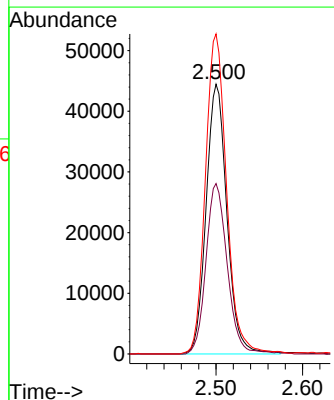
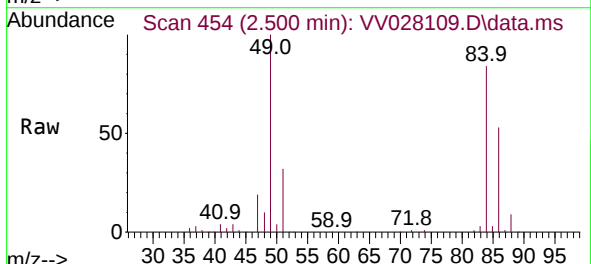
Instrument :
MSVOA_V
ClientSampleId :

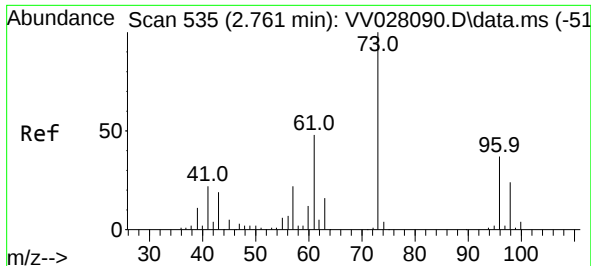
Tgt Ion: 43 Resp: 22789
Ion Ratio Lower Upper
43 100
74 25.9 16.9 25.3#



#16
Methylene chloride
Concen: 5.339 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

Tgt Ion: 84 Resp: 74248
Ion Ratio Lower Upper
84 100
86 63.2 46.8 86.8
49 118.6 87.5 162.5

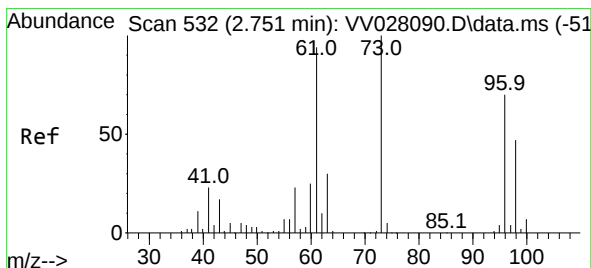
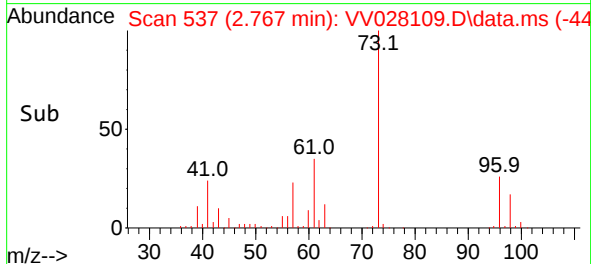
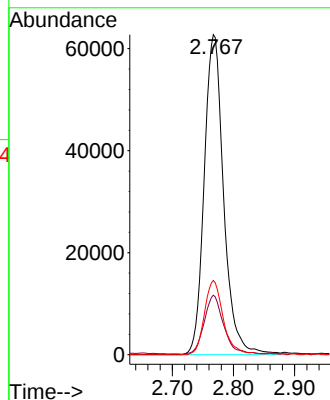
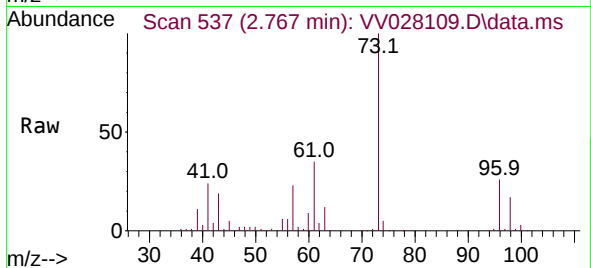




#17
Methyl tert-butyl Ether
Concen: 5.177 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

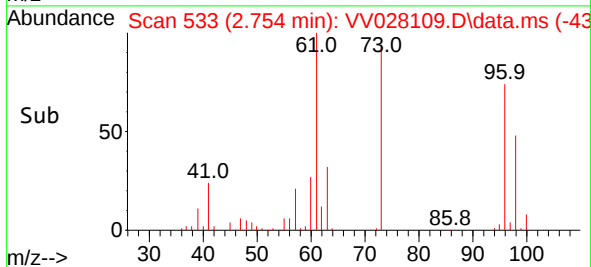
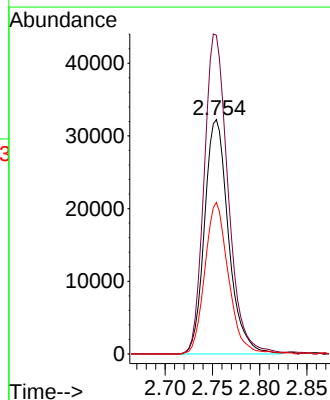
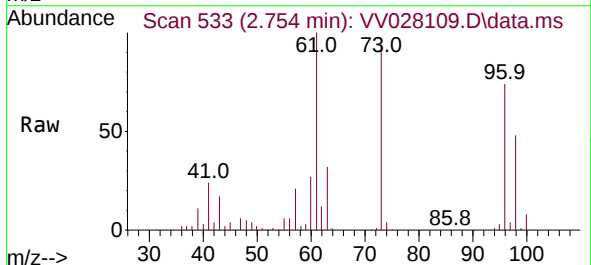
Instrument :
MSVOA_V
ClientSampleId :

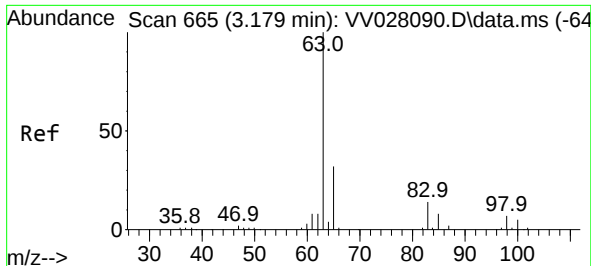
Tgt Ion: 73 Resp: 138763
Ion Ratio Lower Upper
73 100
43 18.4 15.7 23.5
57 22.5 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.220 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

Tgt Ion: 96 Resp: 56936
Ion Ratio Lower Upper
96 100
61 136.0 96.2 178.6
98 64.6 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.323 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

Instrument :

MSVOA_V

ClientSampleId :

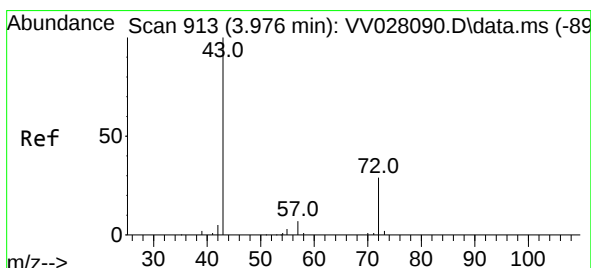
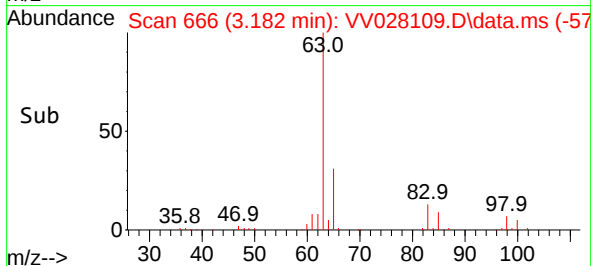
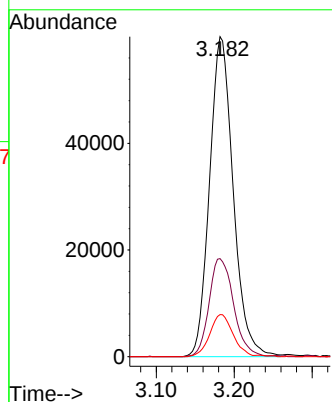
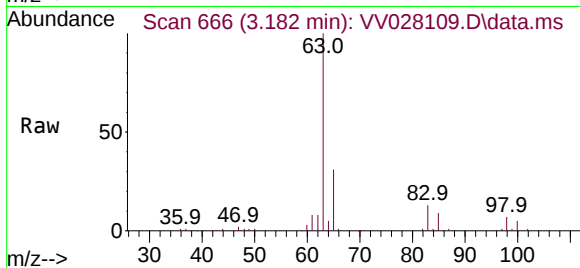
Tgt Ion: 63 Resp: 126651

Ion Ratio Lower Upper

63 100

65 30.6 23.0 42.8

83 13.2 9.2 17.2



#21

2-Butanone

Concen: 47.255 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.013 min

Lab File: VV028109.D

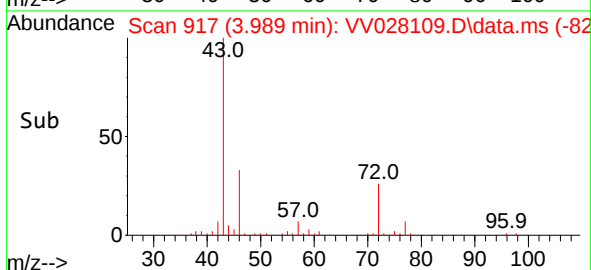
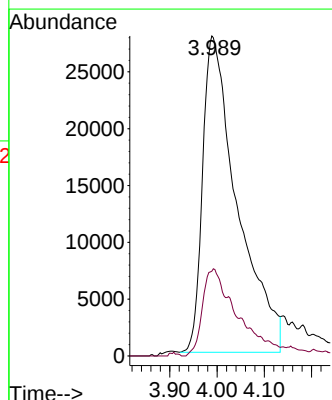
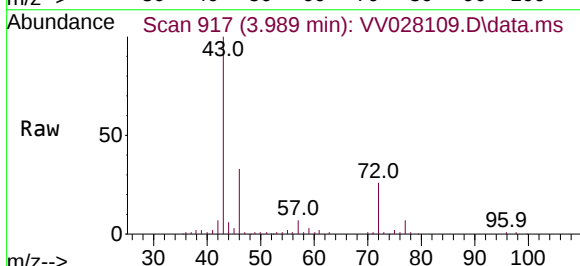
Acq: 23 Sep 2022 18:15

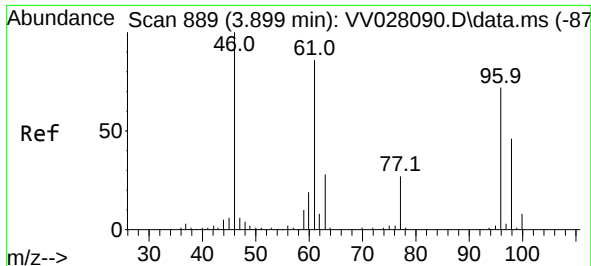
Tgt Ion: 43 Resp: 142191

Ion Ratio Lower Upper

43 100

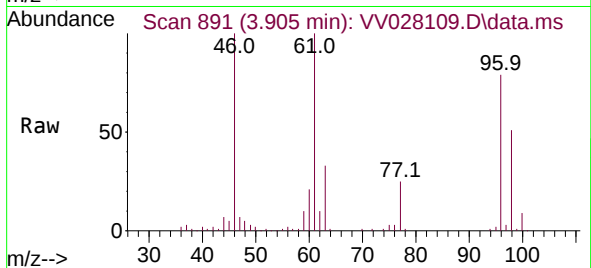
72 28.0 12.7 38.1





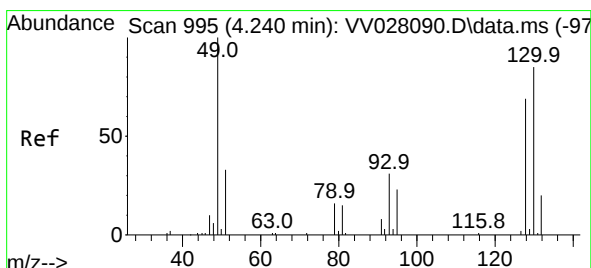
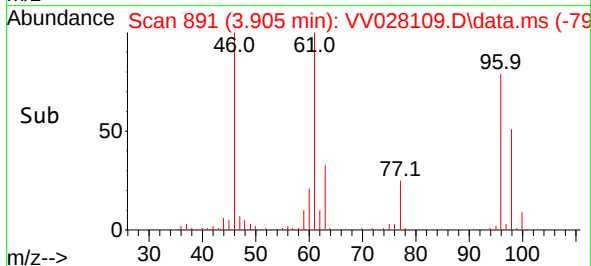
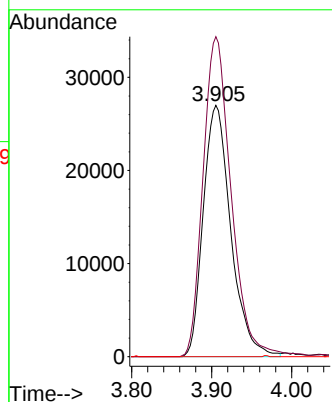
#22
 cis-1,2-Dichloroethene
 Concen: 4.526 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028109.D
 Acq: 23 Sep 2022 18:15

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 64775

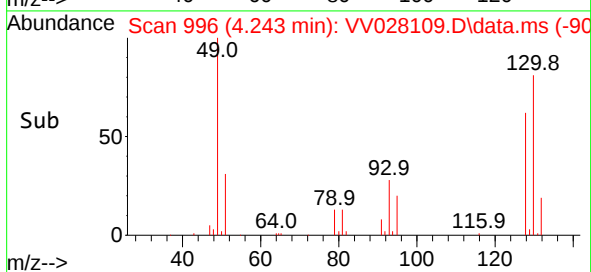
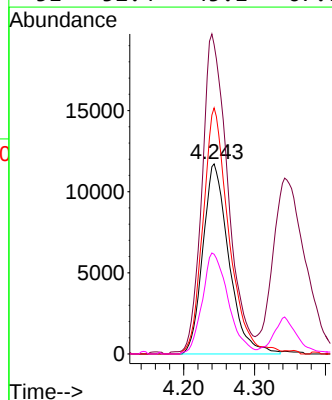
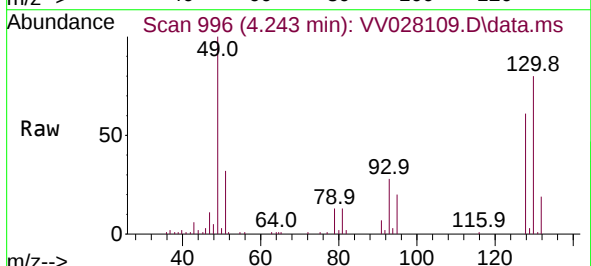
Ion	Ratio	Lower	Upper
96	100		
61	127.3	87.2	161.9
68	0.0	0.0	0.0

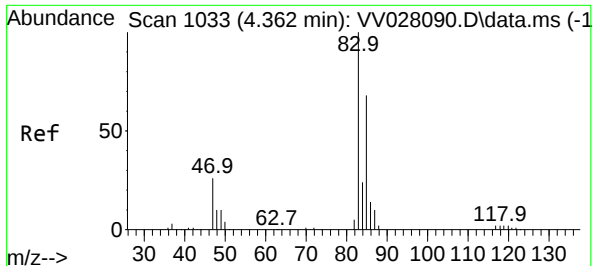


#23
 Bromochloromethane
 Concen: 5.206 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV028109.D
 Acq: 23 Sep 2022 18:15

Tgt Ion: 128 Resp: 29833

Ion	Ratio	Lower	Upper
128	100		
49	162.7	119.9	222.7
130	129.4	94.6	175.8
51	52.4	45.1	67.7

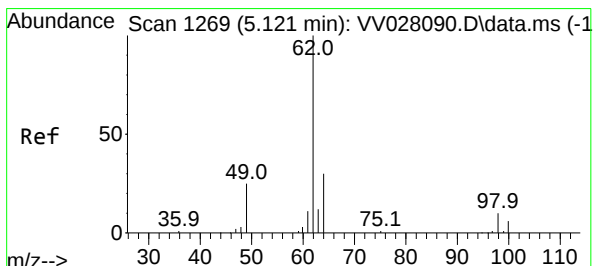
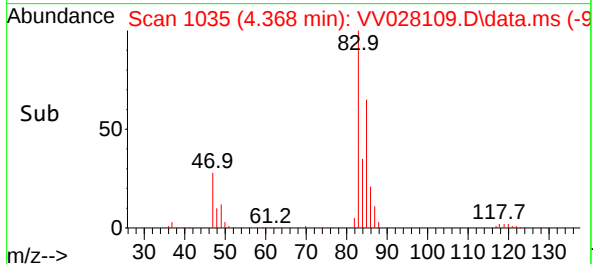
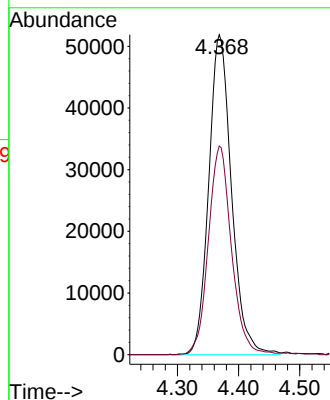
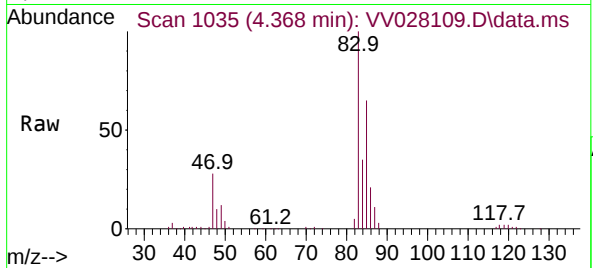




#25
Chloroform
Concen: 5.256 ug/L
RT: 4.368 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

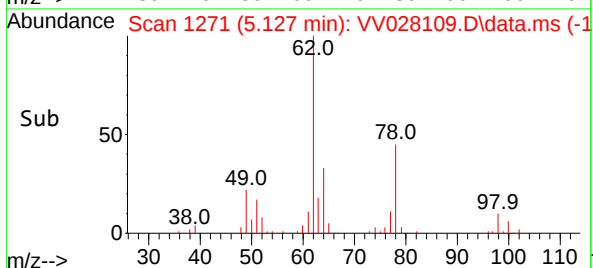
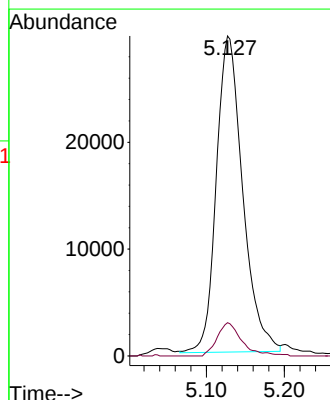
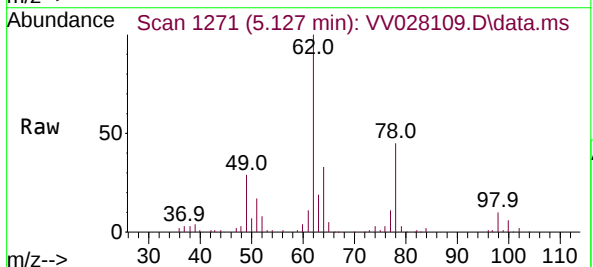
Instrument :
MSVOA_V
ClientSampleId :

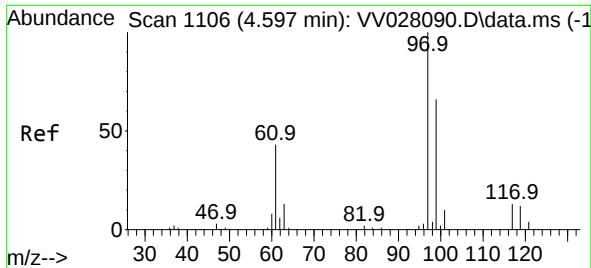
Tgt Ion: 83 Resp: 134182
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 5.109 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.006 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

Tgt Ion: 62 Resp: 69550
Ion Ratio Lower Upper
62 100
98 10.4 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 4.963 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

Instrument :

MSVOA_V

ClientSampleId :

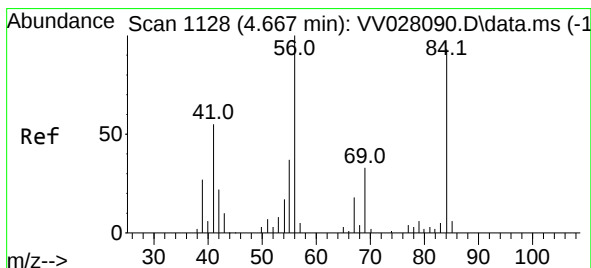
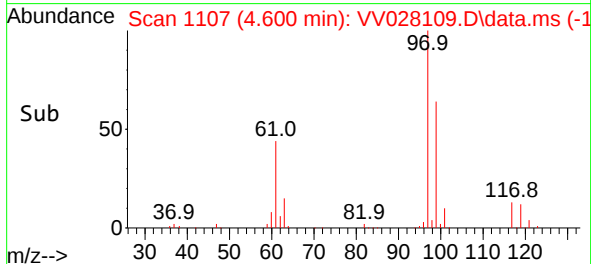
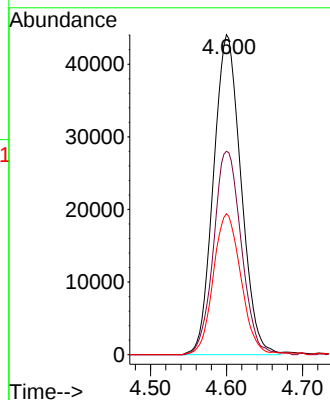
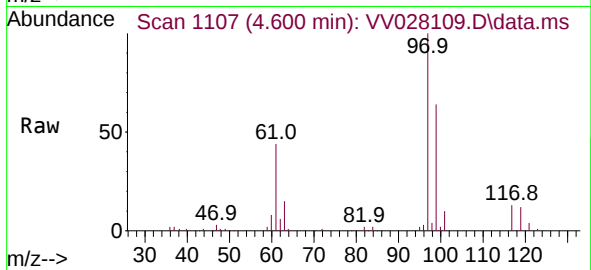
Tgt Ion: 97 Resp: 110701

Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 44.4 34.8 52.2



#30

Cyclohexane

Concen: 4.620 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

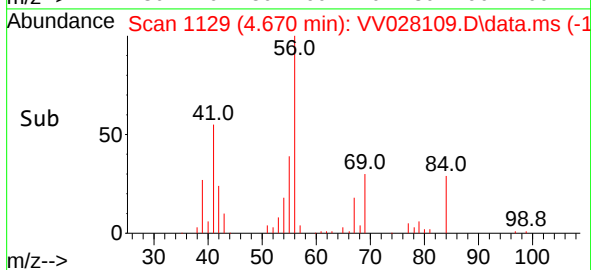
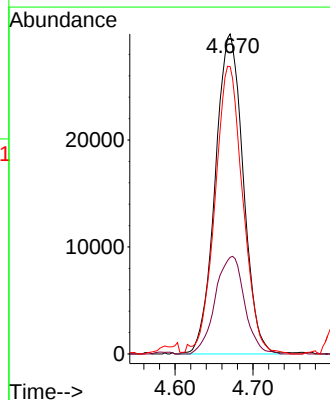
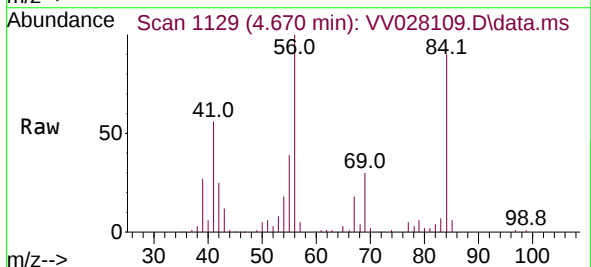
Tgt Ion: 56 Resp: 74530

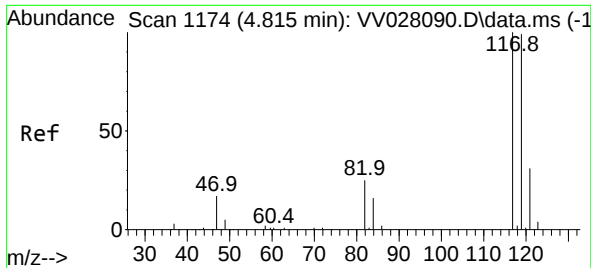
Ion Ratio Lower Upper

56 100

69 32.0 23.7 35.5

84 89.8 67.3 100.9

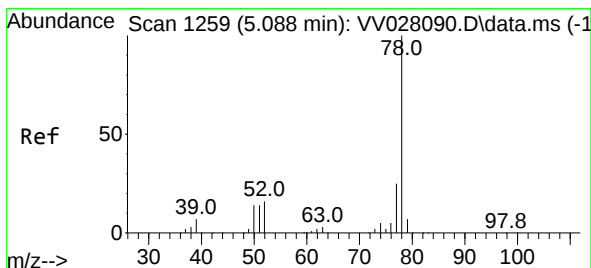
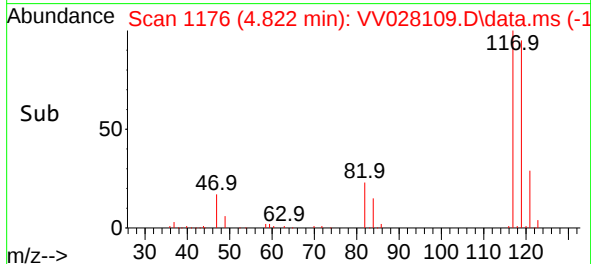
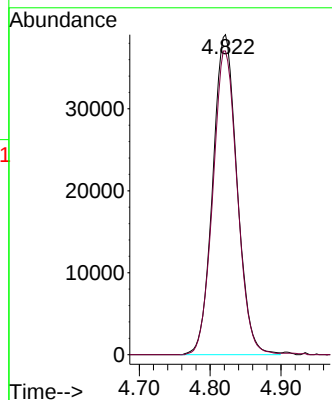
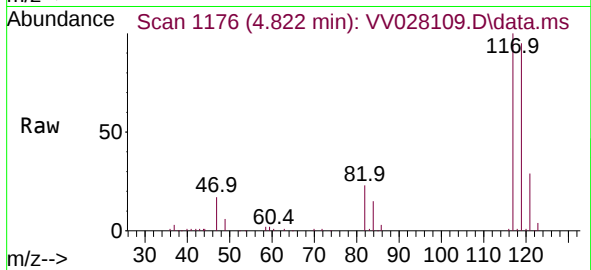




#31
Carbon tetrachloride
Concen: 5.073 ug/L
RT: 4.822 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

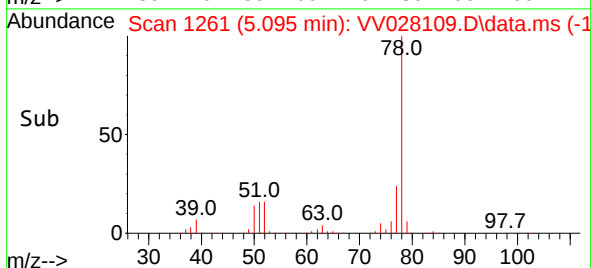
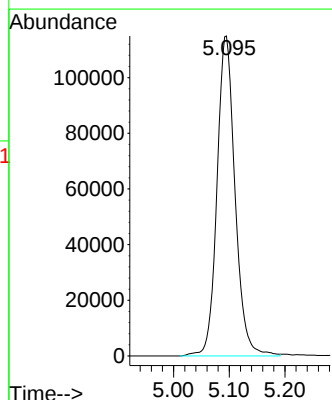
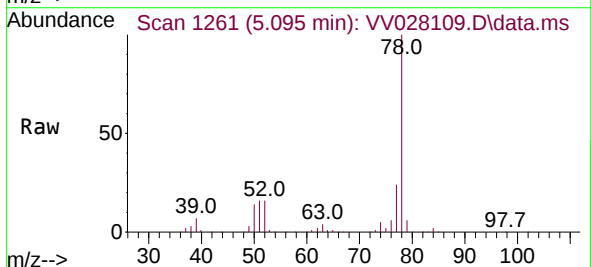
Instrument :
MSVOA_V
ClientSampleId :

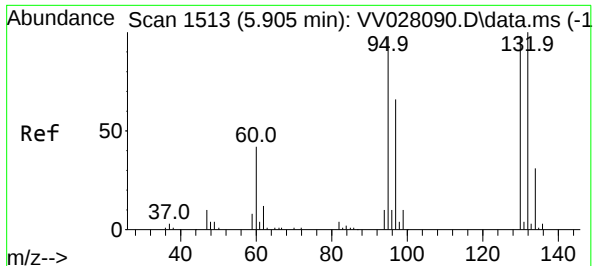
Tgt Ion:117 Resp: 93130
Ion Ratio Lower Upper
117 100
119 95.2 76.9 115.3



#33
Benzene
Concen: 5.145 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

Tgt Ion: 78 Resp: 259372

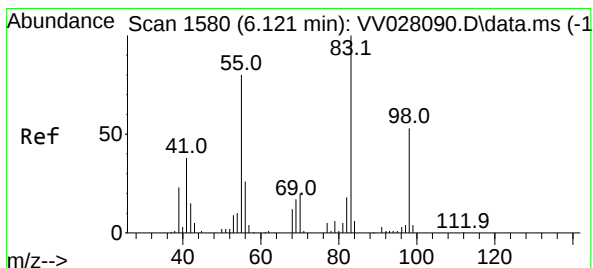
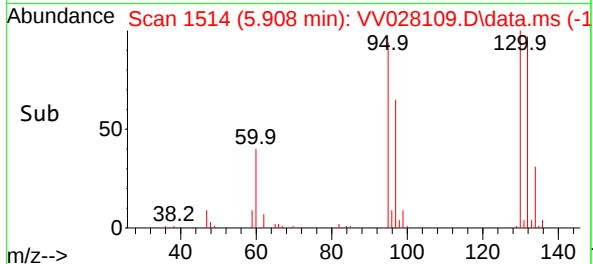
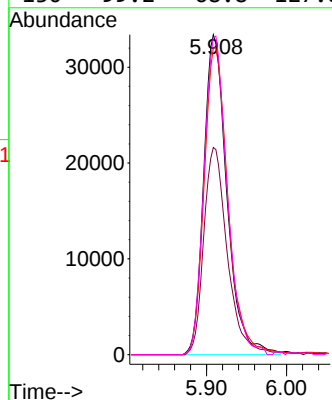
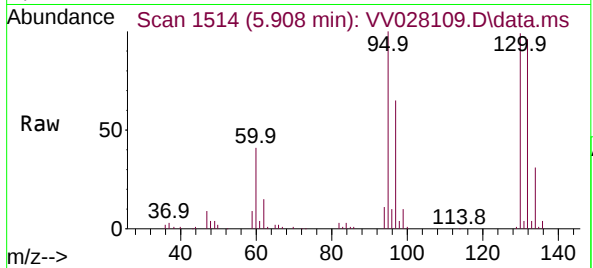




#34
Trichloroethene
Concen: 5.375 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

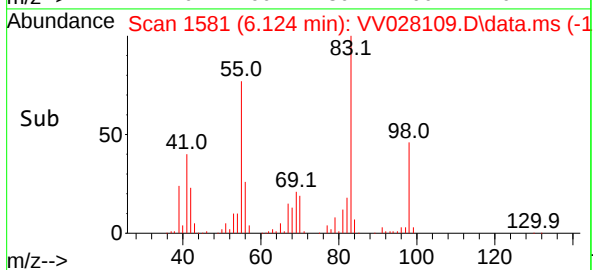
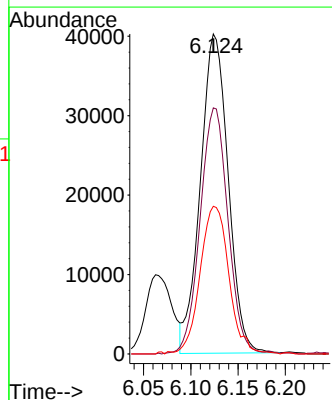
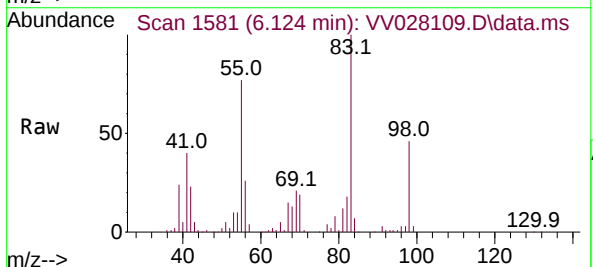
Instrument :
MSVOA_V
ClientSampleId :

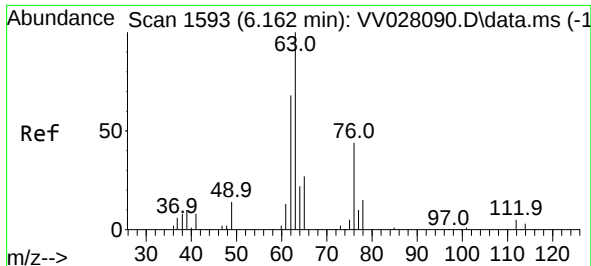
Tgt Ion: 95 Resp: 67454
Ion Ratio Lower Upper
95 100
97 64.8 44.2 82.0
132 95.9 67.8 126.0
130 99.2 68.8 127.8



#35
Methylcyclohexane
Concen: 4.774 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

Tgt Ion: 83 Resp: 82167
Ion Ratio Lower Upper
83 100
55 77.3 64.7 97.1
98 48.1 39.5 59.3





#37

1,2-Dichloropropane

Concen: 4.930 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

Instrument :

MSVOA_V

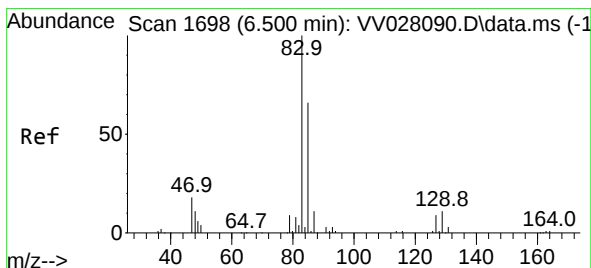
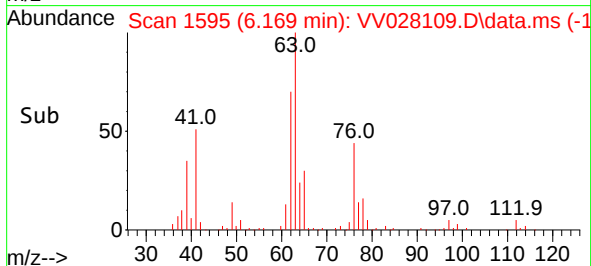
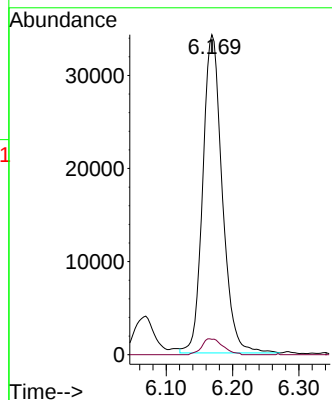
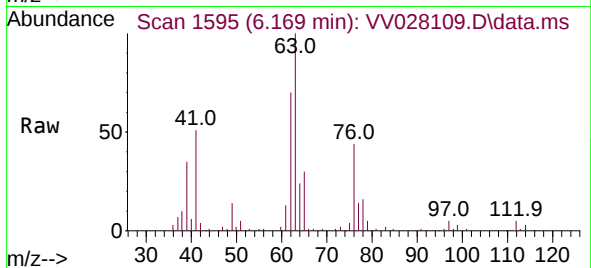
ClientSampleId :

Tgt Ion: 63 Resp: 69670

Ion Ratio Lower Upper

63 100

112 5.4 3.5 5.3#



#38

Bromodichloromethane

Concen: 5.207 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

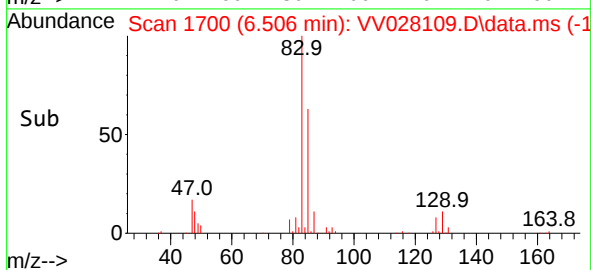
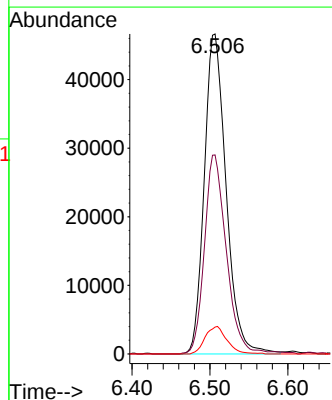
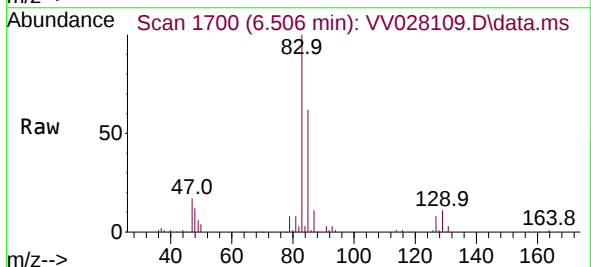
Tgt Ion: 83 Resp: 90863

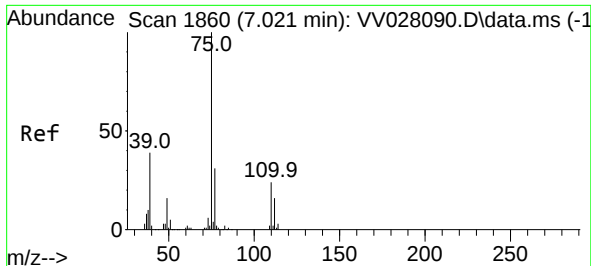
Ion Ratio Lower Upper

83 100

85 62.2 43.8 81.4

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.993 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

Instrument :

MSVOA_V

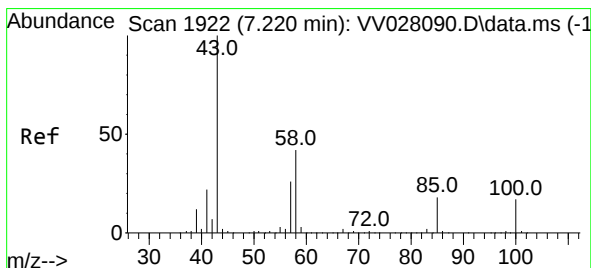
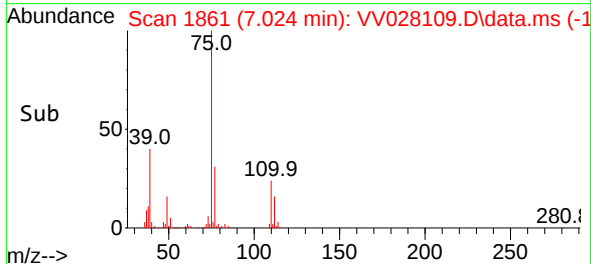
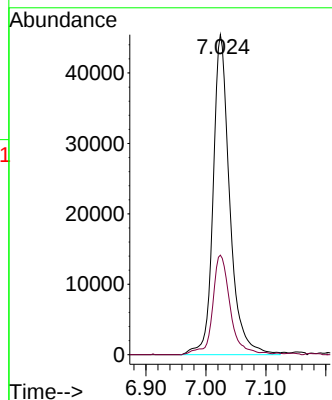
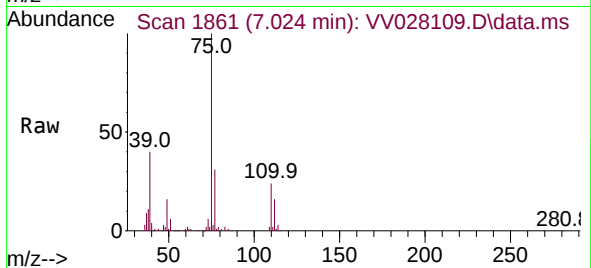
ClientSampleId :

Tgt Ion: 75 Resp: 87649

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 54.888 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

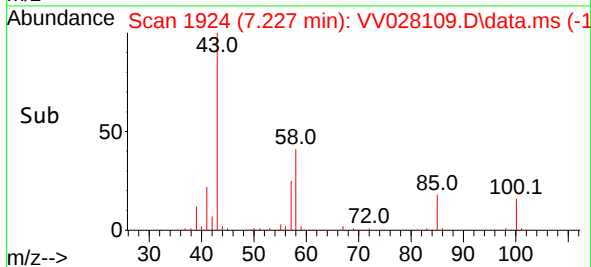
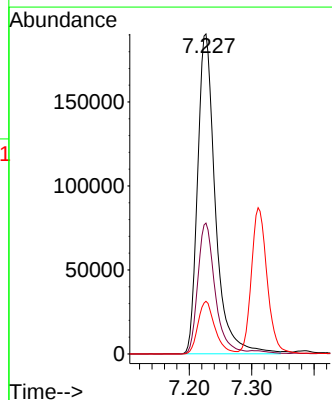
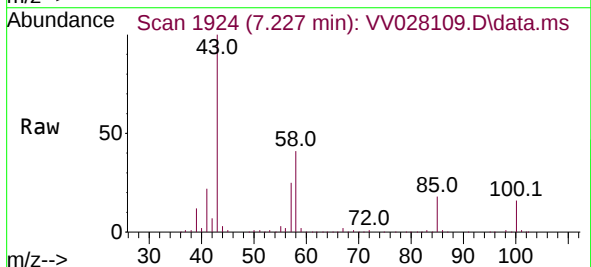
Tgt Ion: 43 Resp: 376707

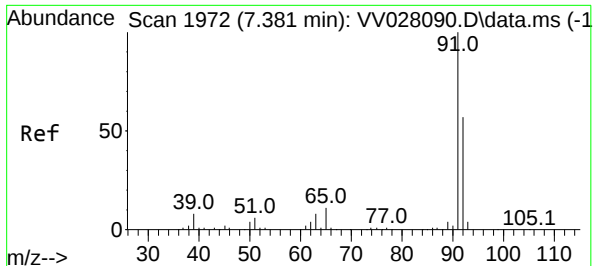
Ion Ratio Lower Upper

43 100

58 39.9 32.2 48.4

100 15.7 12.7 19.1

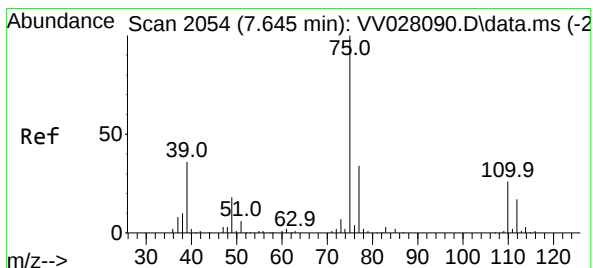
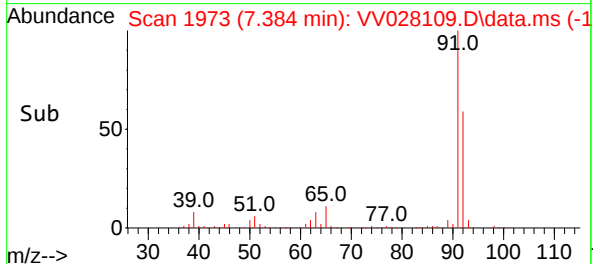
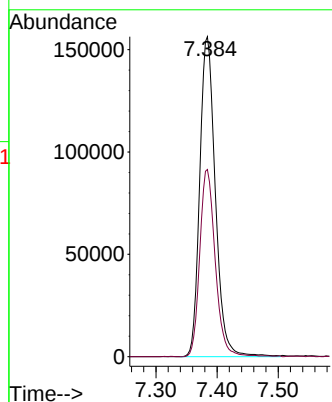
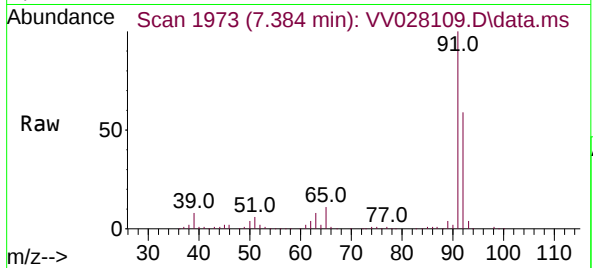




#42
Toluene
Concen: 5.277 ug/L
RT: 7.384 min Scan# 1972
Delta R.T. 0.003 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

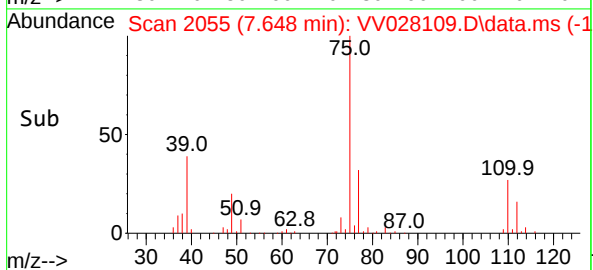
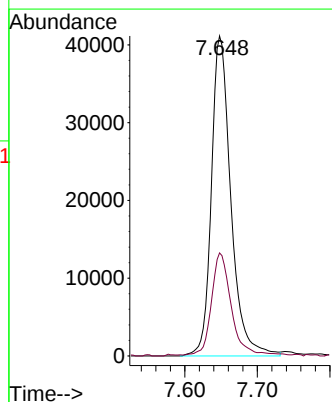
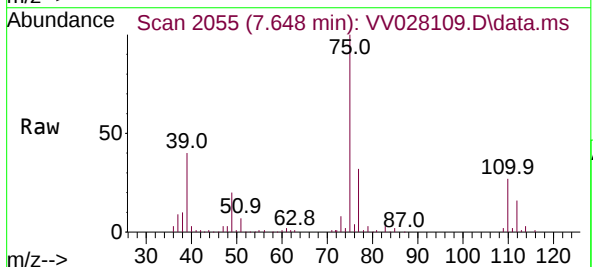
Instrument :
MSVOA_V
ClientSampleId :

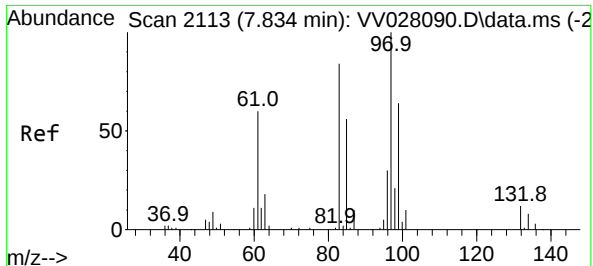
Tgt Ion: 91 Resp: 277488
Ion Ratio Lower Upper
91 100
92 58.5 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 5.091 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

Tgt Ion: 75 Resp: 76871
Ion Ratio Lower Upper
75 100
77 32.2 23.9 44.3

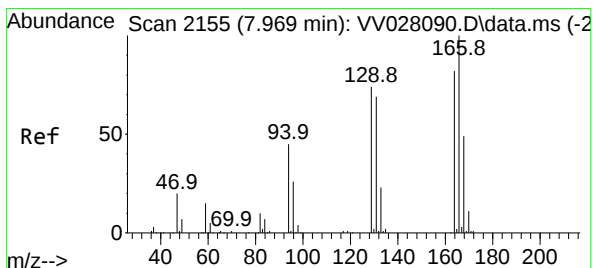
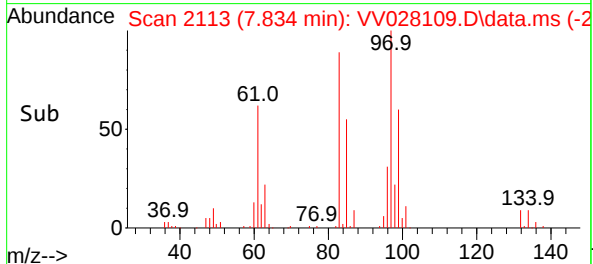
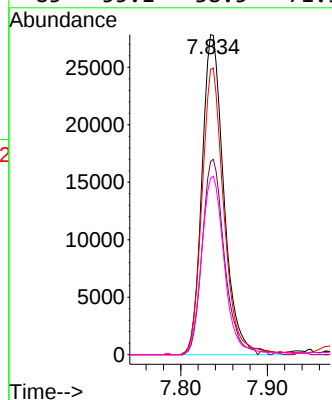
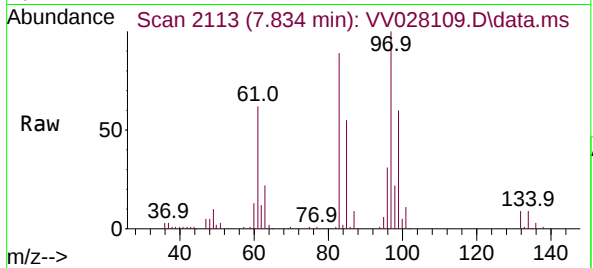




#45
1,1,2-Trichloroethane
Concen: 5.172 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

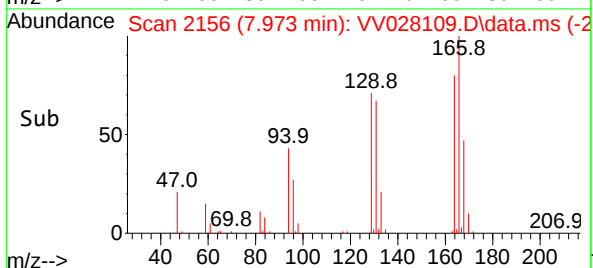
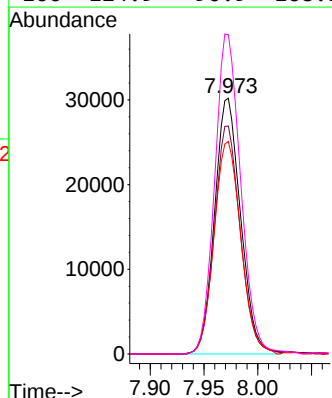
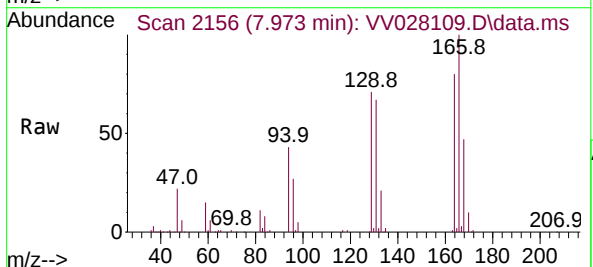
Instrument :
MSVOA_V
ClientSampleId :

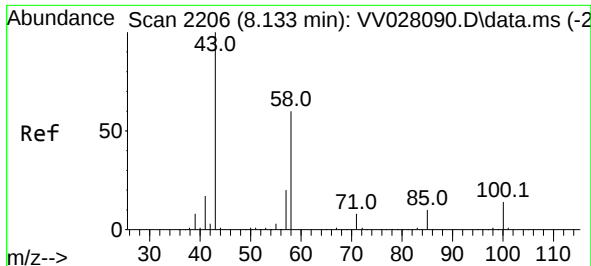
Tgt Ion:	97	Resp:	48993
Ion	Ratio	Lower	Upper
97	100		
99	60.4	43.2	80.2
83	89.1	59.1	109.9
85	55.1	38.5	71.5



#47
Tetrachloroethene
Concen: 5.079 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

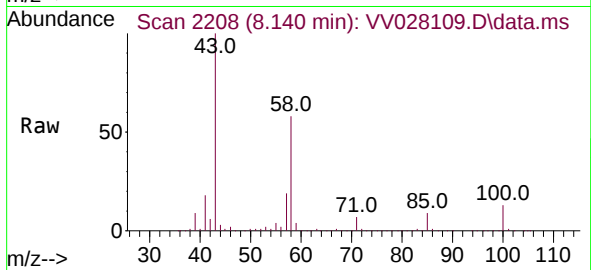
Tgt Ion:	164	Resp:	50872
Ion	Ratio	Lower	Upper
164	100		
129	89.2	66.7	123.9
131	83.1	61.7	114.5
166	124.9	90.9	168.9



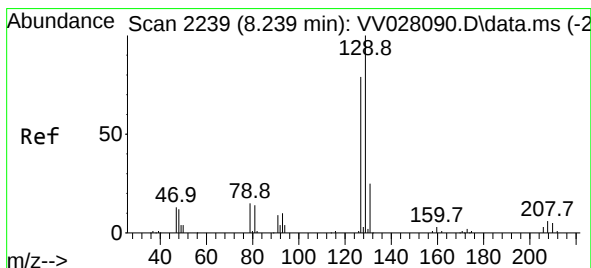
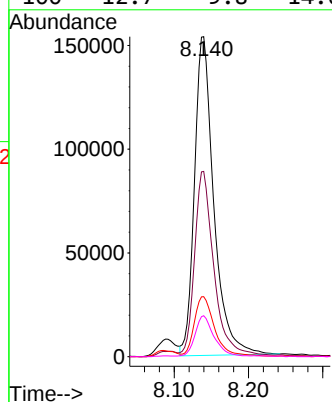
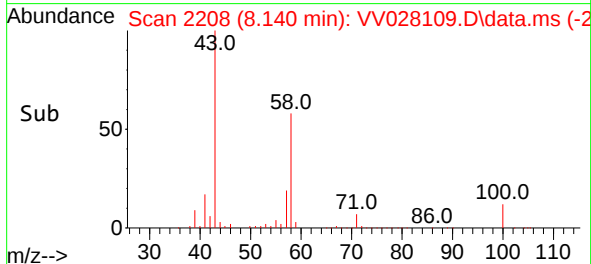


#48
2-Hexanone
Concen: 53.689 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

Instrument :
MSVOA_V
ClientSampleId :

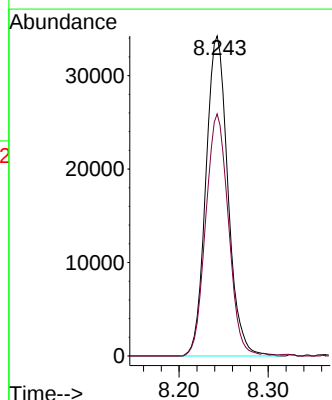
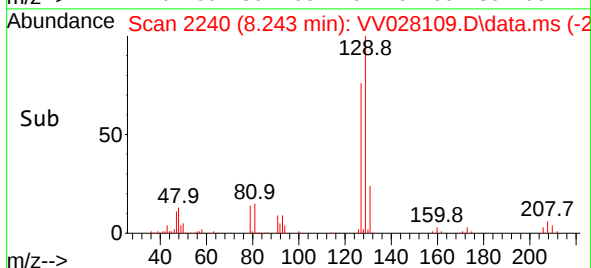
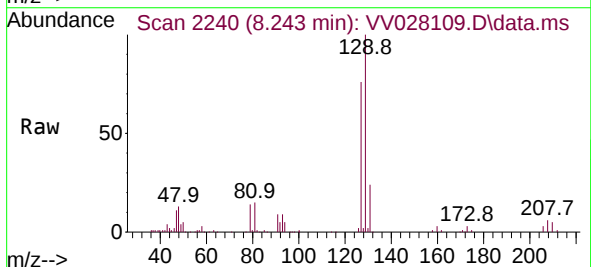


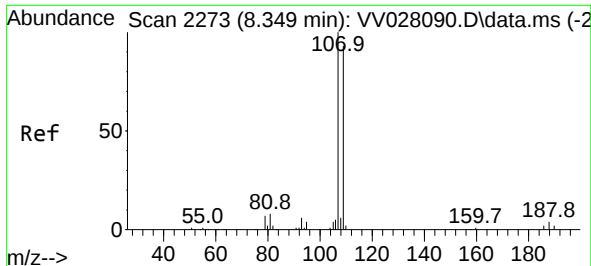
Tgt Ion: 43 Resp: 279727
Ion Ratio Lower Upper
43 100
58 57.2 45.7 68.5
57 19.6 15.5 23.3
100 12.7 9.8 14.6



#49
Dibromochloromethane
Concen: 5.146 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

Tgt Ion: 129 Resp: 58622
Ion Ratio Lower Upper
129 100
127 75.6 54.3 100.9





#50

1,2-Dibromoethane

Concen: 5.251 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028109.D

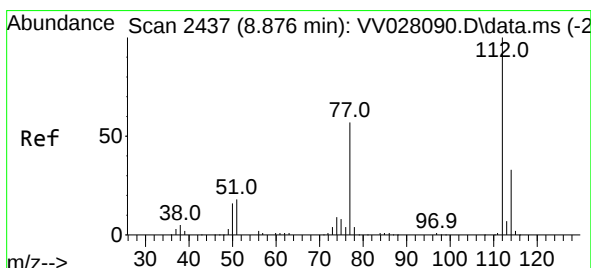
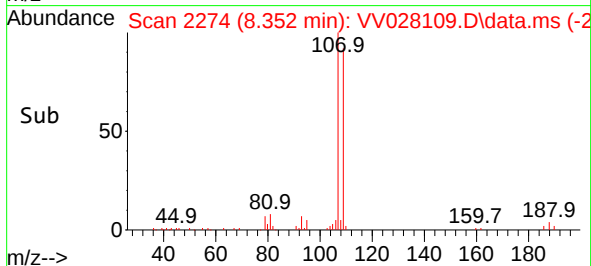
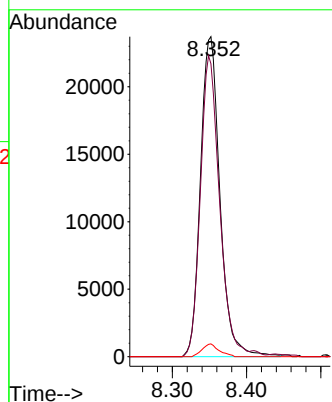
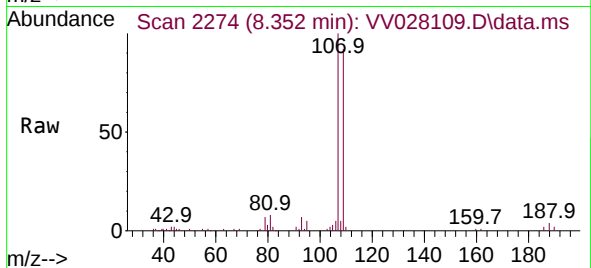
Acq: 23 Sep 2022 18:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	43231
Ion	Ratio	Lower	Upper
107	100		
109	91.6	65.9	122.5
188	4.0	3.4	5.0



#51

Chlorobenzene

Concen: 4.950 ug/L

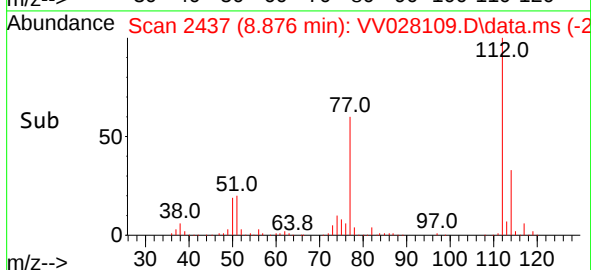
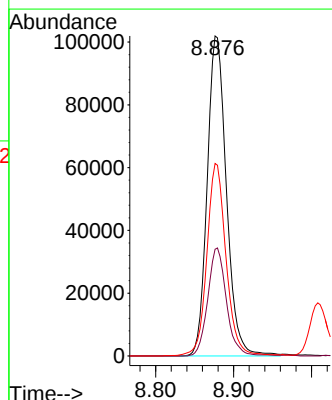
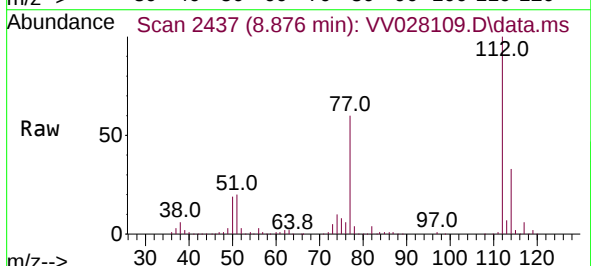
RT: 8.876 min Scan# 2437

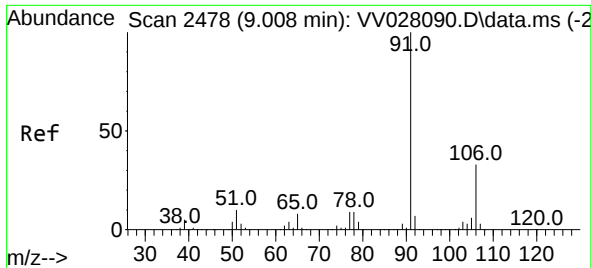
Delta R.T. -0.000 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

Tgt Ion:	112	Resp:	174610
Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.5	41.7
77	60.1	46.1	69.1

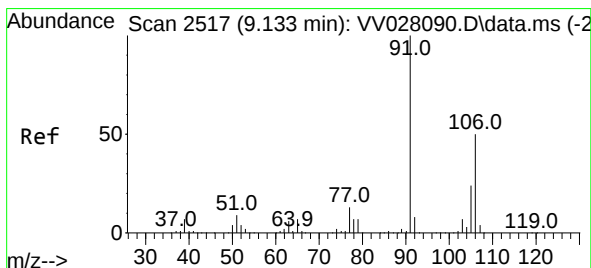
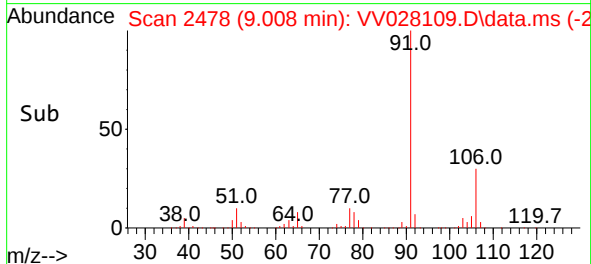
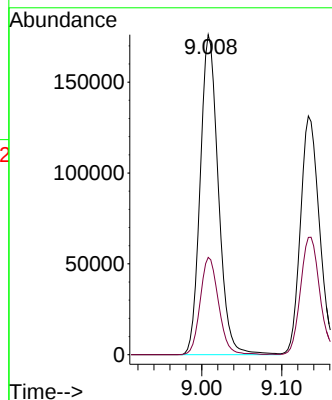
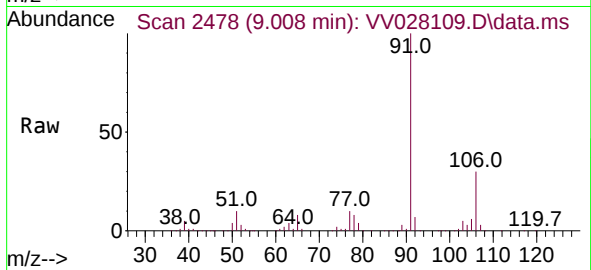




#52
Ethylbenzene
Concen: 4.997 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

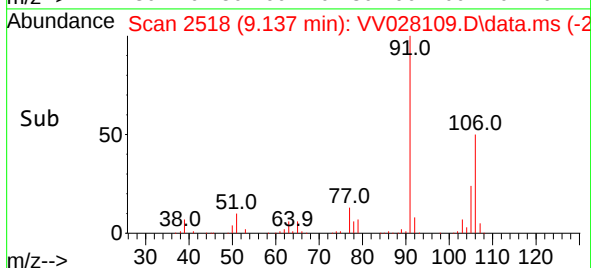
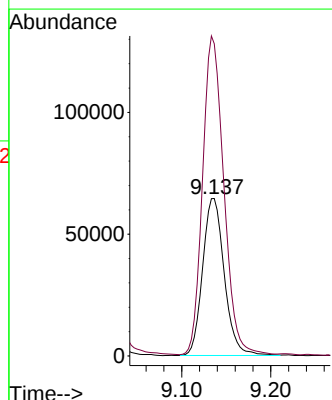
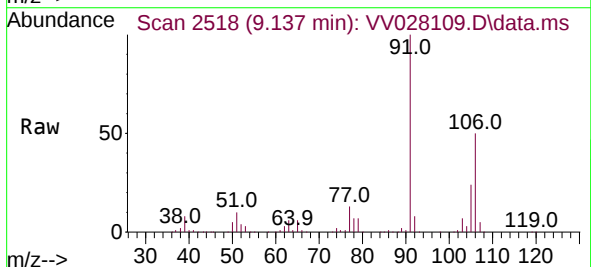
Instrument :
MSVOA_V
ClientSampleId :

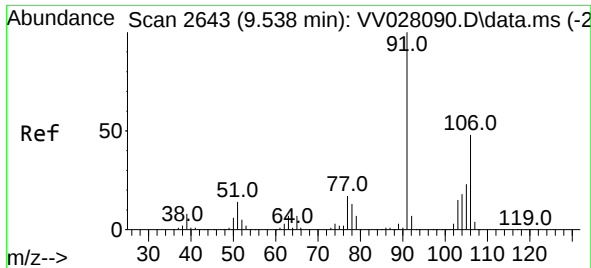
Tgt Ion: 91 Resp: 278029
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 5.104 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

Tgt Ion: 106 Resp: 108811
Ion Ratio Lower Upper
106 100
91 198.3 141.9 263.5

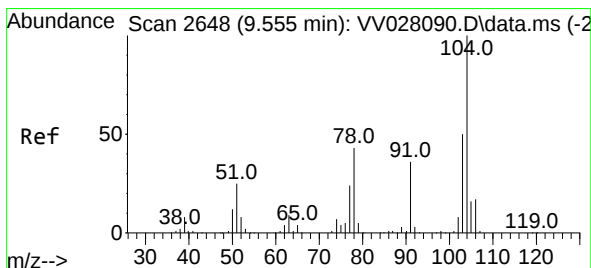
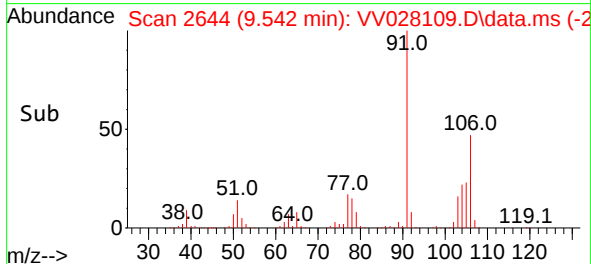
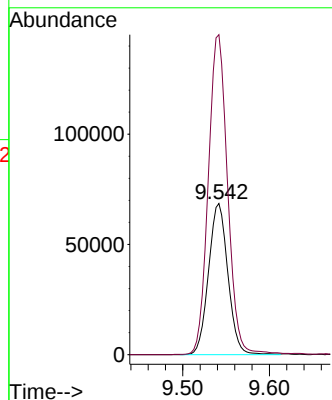
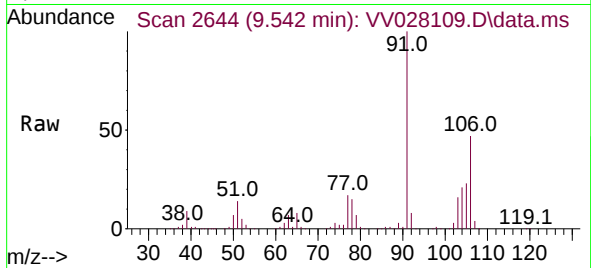




#54
o-Xylene
Concen: 5.065 ug/L
RT: 9.542 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

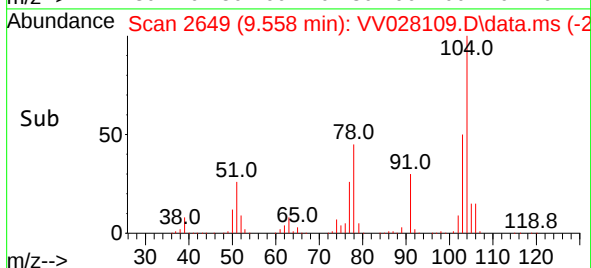
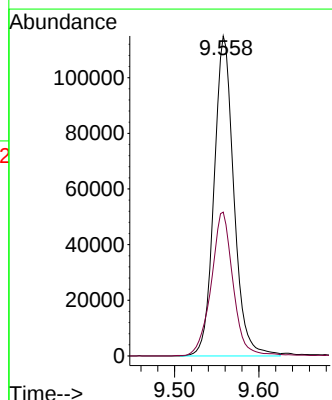
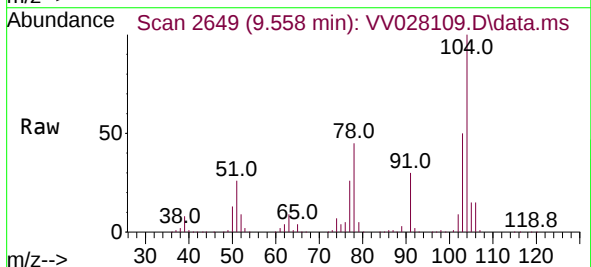
Instrument :
MSVOA_V
ClientSampleId :

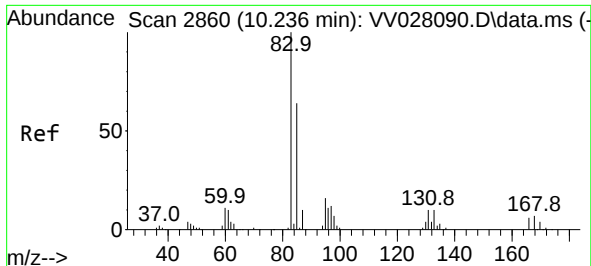
Tgt Ion:106 Resp: 106631
Ion Ratio Lower Upper
106 100
91 211.7 148.1 275.0



#55
Styrene
Concen: 5.144 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

Tgt Ion:104 Resp: 187652
Ion Ratio Lower Upper
104 100
78 44.9 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.322 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VV028109.D

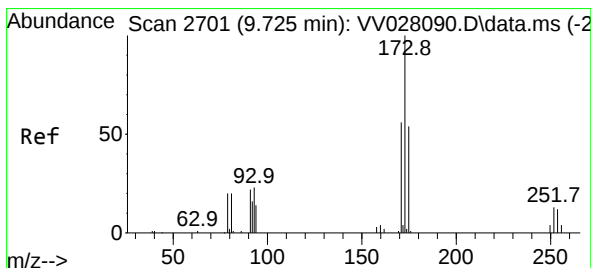
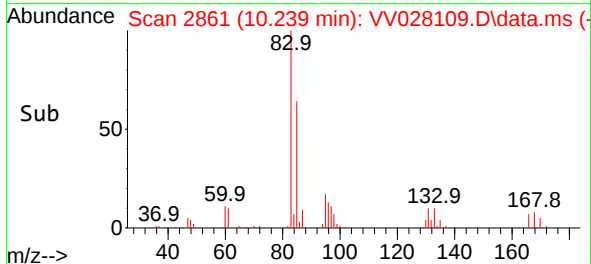
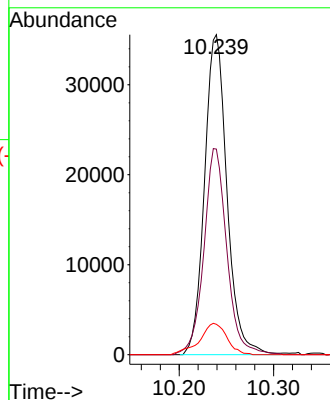
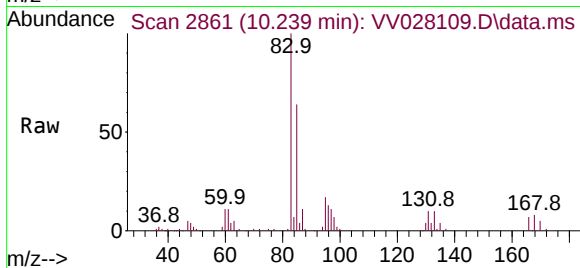
Acq: 23 Sep 2022 18:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	58749
Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.2	84.0
131	9.5	7.8	11.8



#59

Bromoform

Concen: 4.974 ug/L

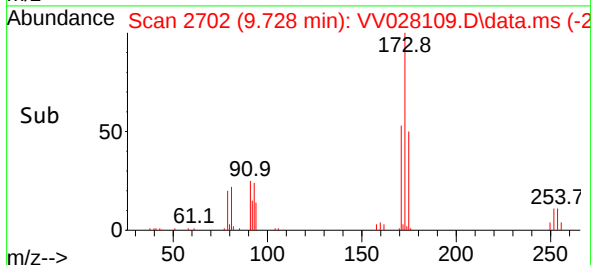
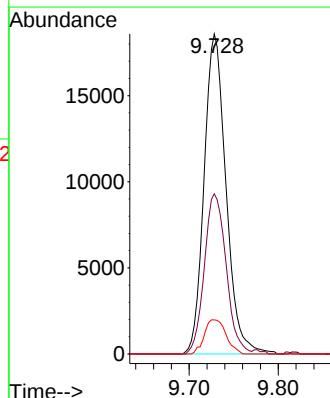
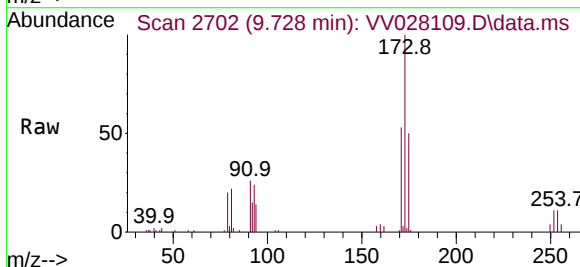
RT: 9.728 min Scan# 2702

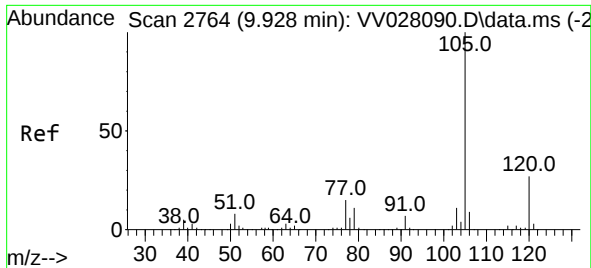
Delta R.T. 0.003 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

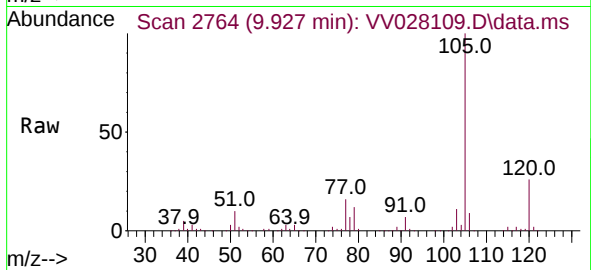
Tgt Ion:	173	Resp:	31759
Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.0	58.4
254	10.6	8.7	13.1



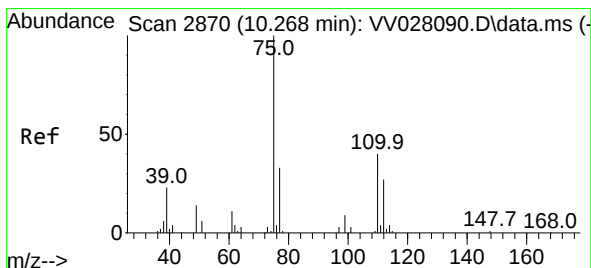
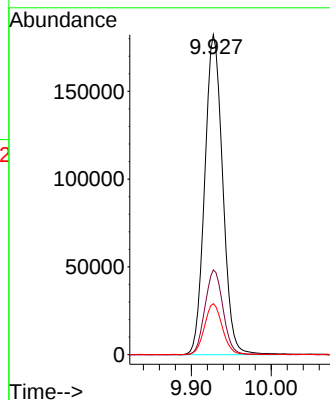
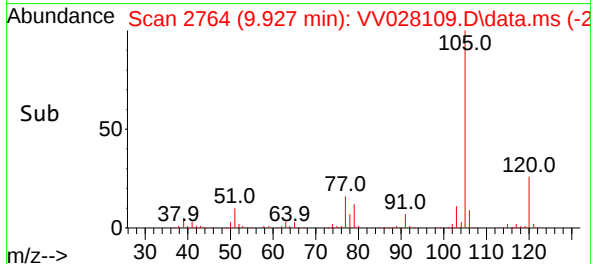


#60
Isopropylbenzene
Concen: 4.831 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

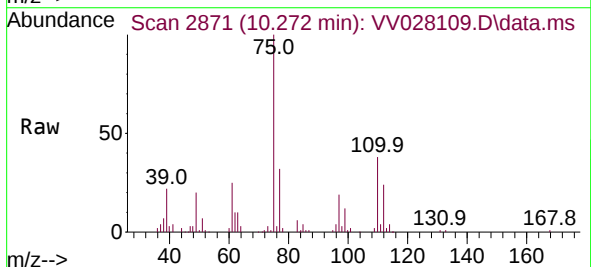
Instrument :
MSVOA_V
ClientSampleId :



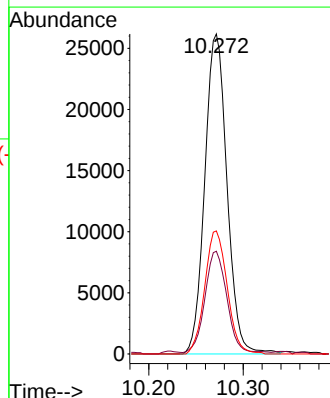
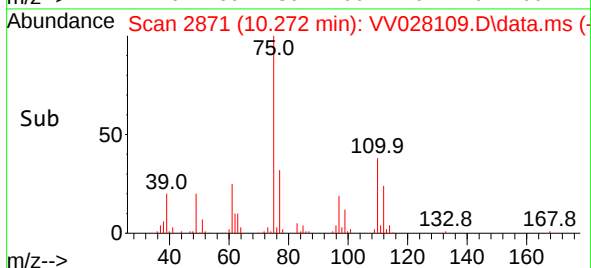
Tgt Ion:105 Resp: 285222
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 16.0 12.2 18.4

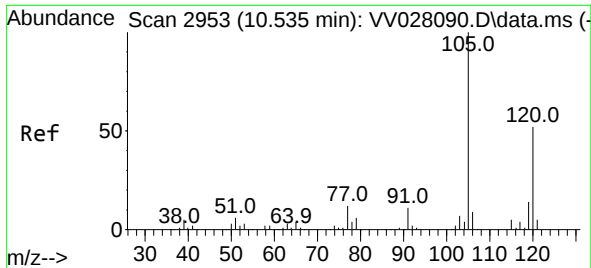


#61
1,2,3-Trichloropropane
Concen: 5.072 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15



Tgt Ion: 75 Resp: 42784
Ion Ratio Lower Upper
75 100
77 30.9 26.7 40.1
110 38.8 30.1 45.1

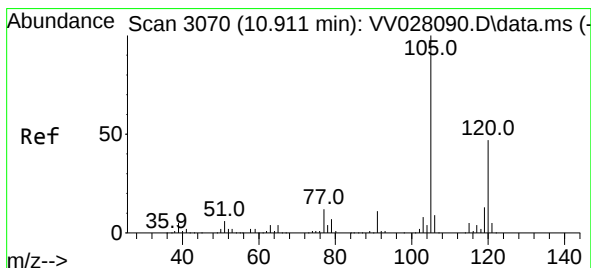
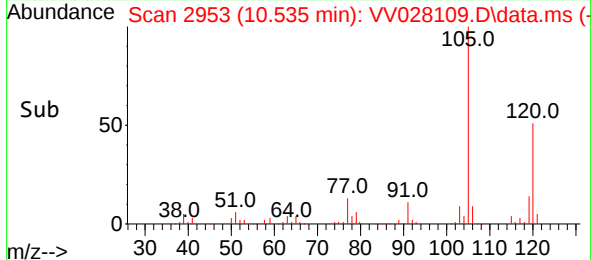
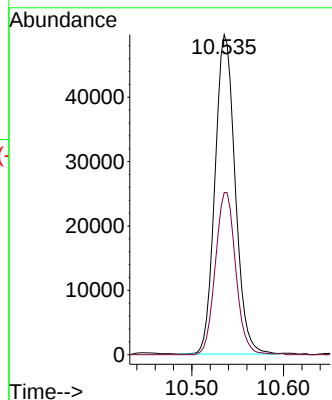
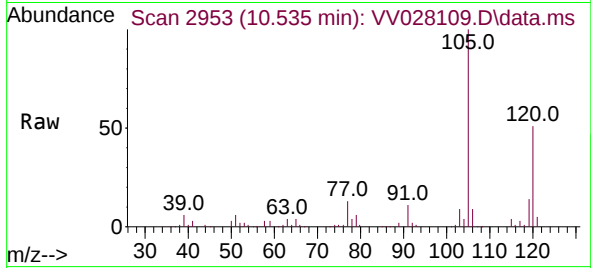




#62
 1,3,5-Trimethylbenzene
 Concen: 4.559 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. -0.000 min
 Lab File: VV028109.D
 Acq: 23 Sep 2022 18:15

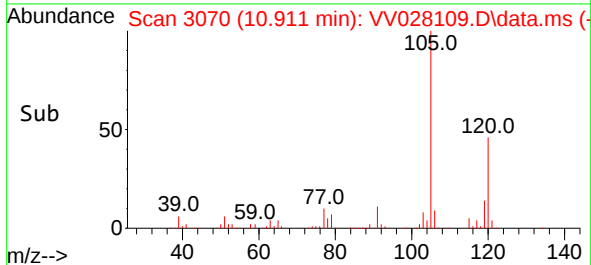
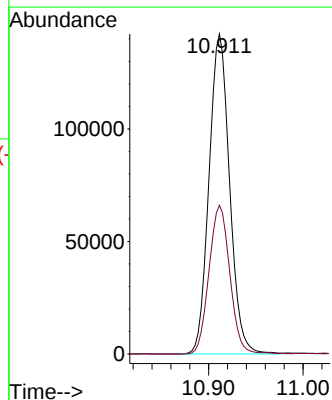
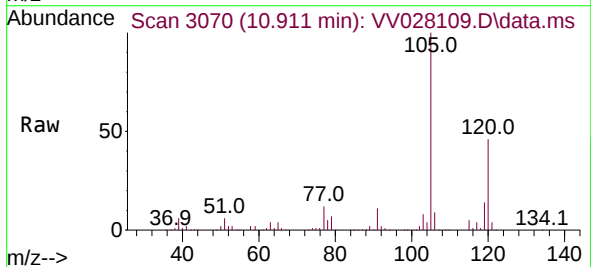
Instrument :
 MSVOA_V
 ClientSampleId :

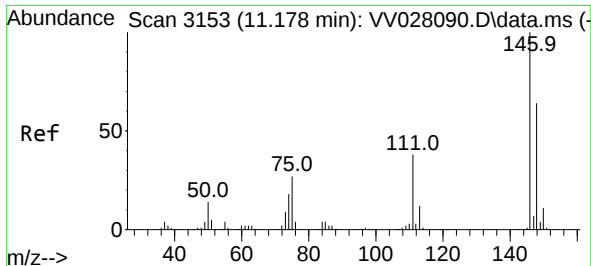
Tgt Ion:105 Resp: 75803
 Ion Ratio Lower Upper
 105 100
 120 51.3 40.6 61.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.626 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV028109.D
 Acq: 23 Sep 2022 18:15

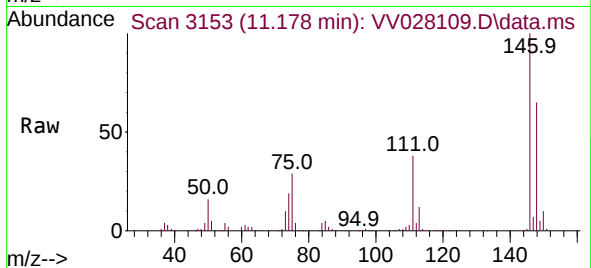
Tgt Ion:105 Resp: 215039
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.8 56.8



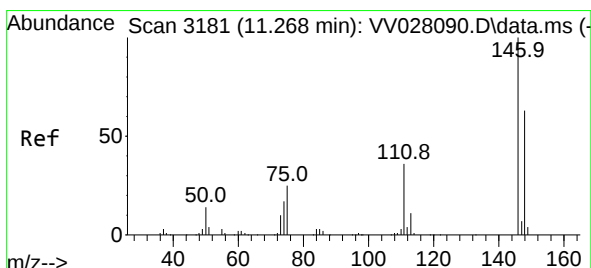
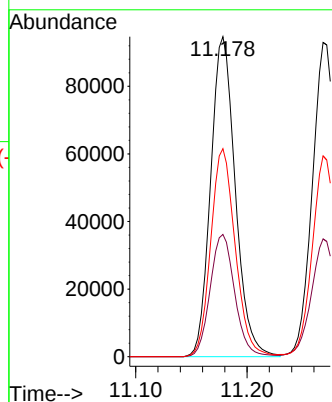
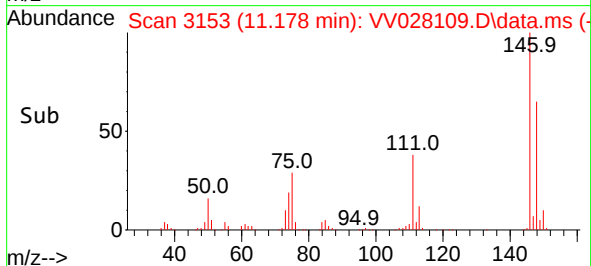


#64
1,3-Dichlorobenzene
Concen: 4.956 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

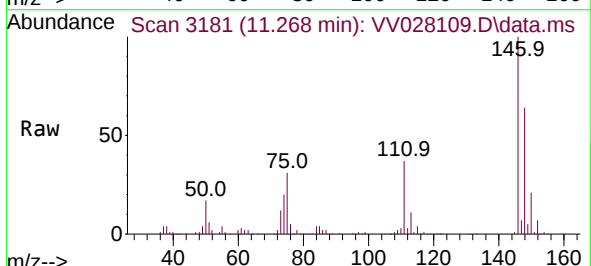
Instrument :
MSVOA_V
ClientSampleId :



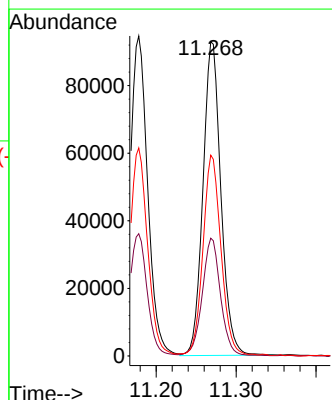
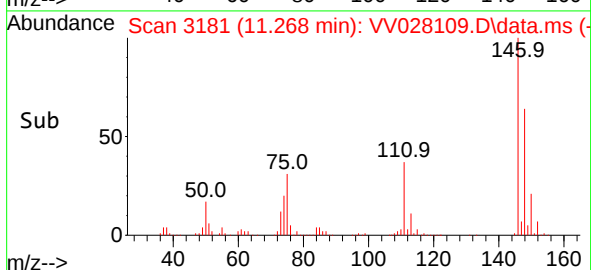
Tgt Ion:146 Resp: 145587
Ion Ratio Lower Upper
146 100
111 38.2 27.1 50.3
148 65.0 45.7 84.9

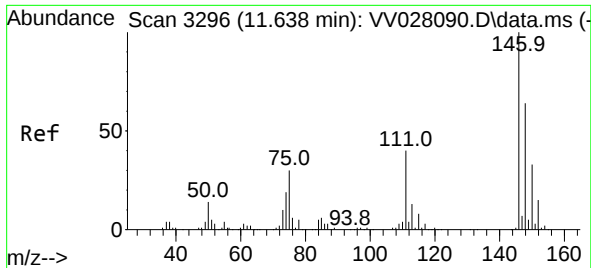


#65
1,4-Dichlorobenzene
Concen: 4.943 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15



Tgt Ion:146 Resp: 145284
Ion Ratio Lower Upper
146 100
111 37.5 26.2 48.8
148 63.9 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 4.922 ug/L

RT: 11.641 min Scan# 3296

Delta R.T. 0.003 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

Instrument :

MSVOA_V

ClientSampleId :

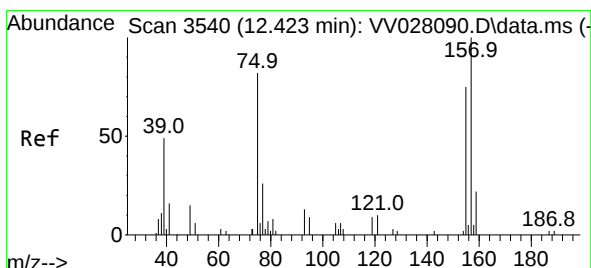
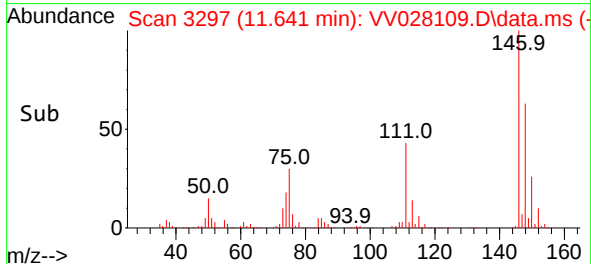
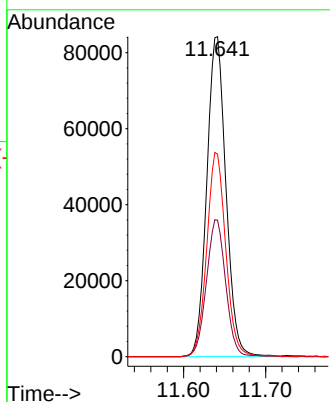
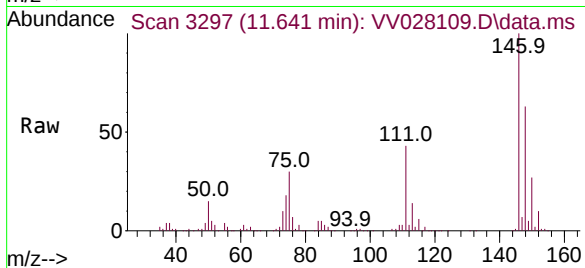
Tgt Ion:146 Resp: 136594

Ion Ratio Lower Upper

146 100

111 42.6 32.6 49.0

148 63.3 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.178 ug/L

RT: 12.423 min Scan# 3540

Delta R.T. -0.000 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

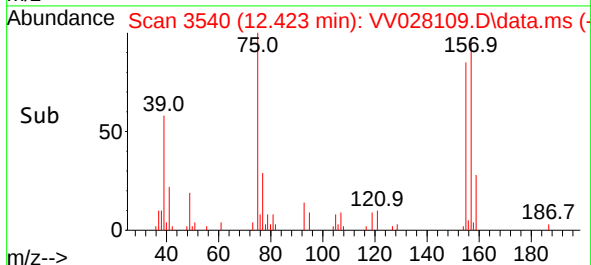
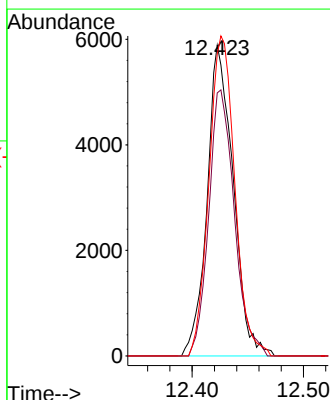
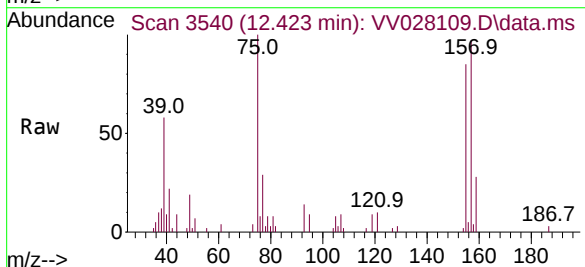
Tgt Ion: 75 Resp: 9575

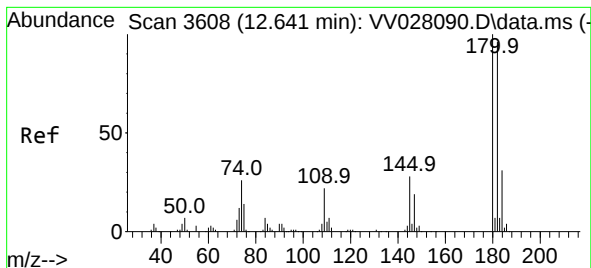
Ion Ratio Lower Upper

75 100

155 84.6 73.6 110.4

157 97.1 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 4.777 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 111064

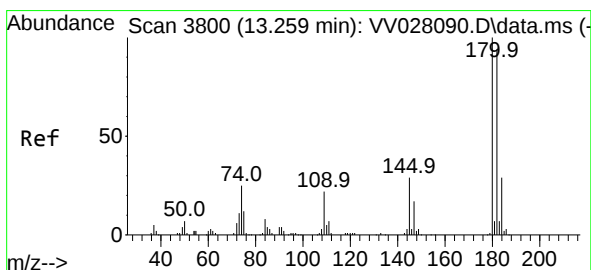
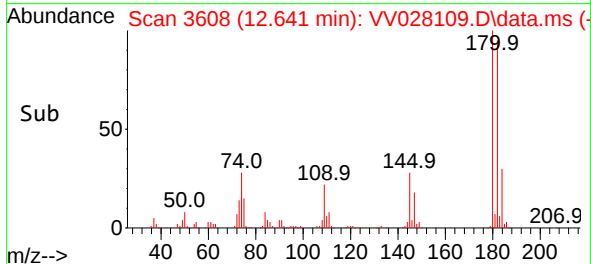
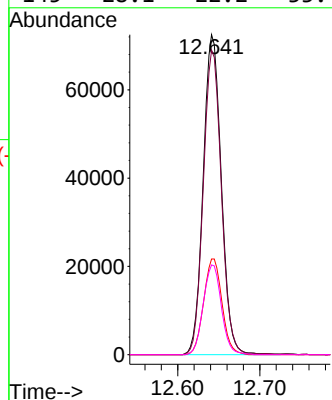
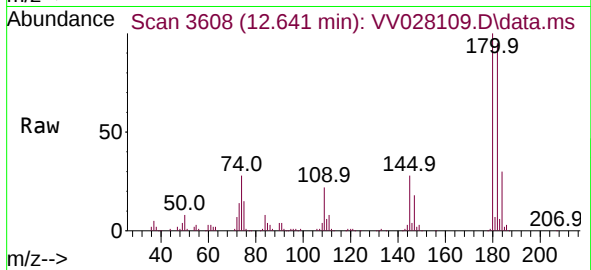
Ion Ratio Lower Upper

180 100

182 94.8 75.5 113.3

184 30.3 23.7 35.5

145 28.1 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 4.665 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV028109.D

Acq: 23 Sep 2022 18:15

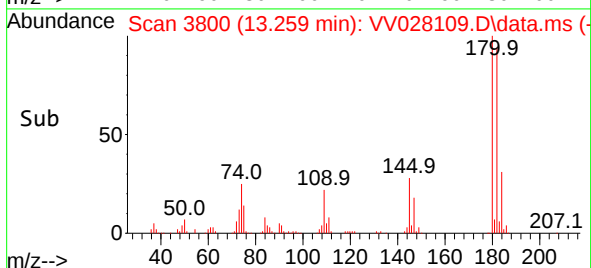
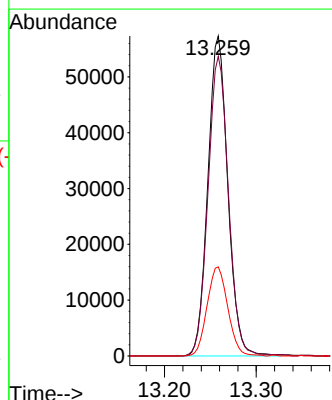
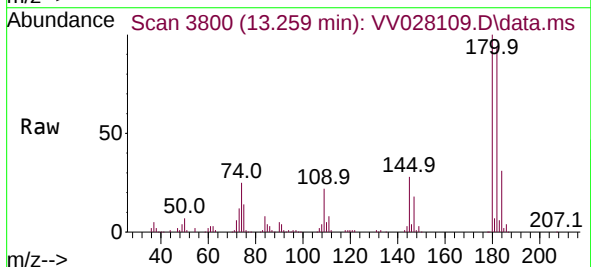
Tgt Ion:180 Resp: 86738

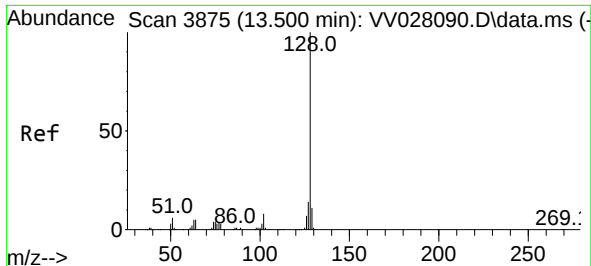
Ion Ratio Lower Upper

180 100

182 95.7 76.3 114.5

145 28.9 22.9 34.3

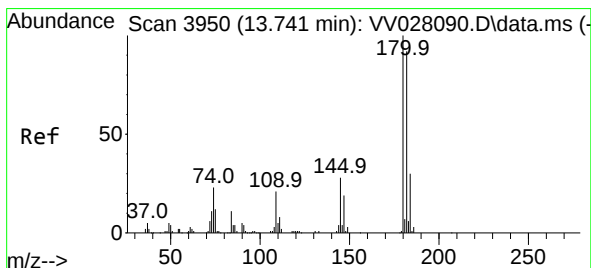
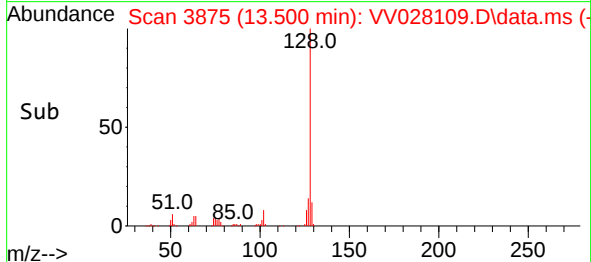
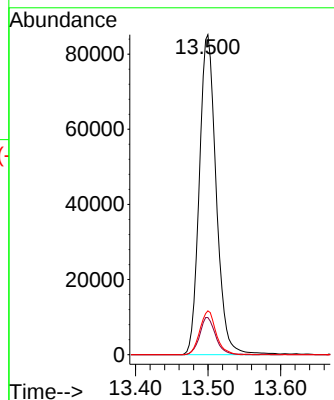
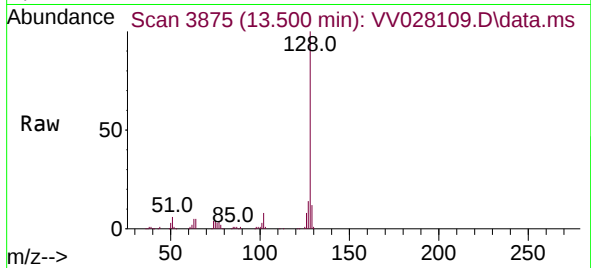




#71
Naphthalene
Concen: 4.514 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 137461
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.2
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.820 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV028109.D
Acq: 23 Sep 2022 18:15

Tgt Ion:180 Resp: 81075
Ion Ratio Lower Upper
180 100
182 94.8 77.4 116.0
145 30.7 24.6 36.8

