

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029103.D
 Acq On : 18 Nov 2022 07:29
 Operator : SY/MD
 Sample : N5648-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E7

Quant Time: Nov 18 08:34:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	264271	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	245318	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	126725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	124853	7.749	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 155.000%#		
7) Chloroethane-d5	1.568	69	106356	7.509	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 150.200%#		
11) 1,1-Dichloroethene-d2	2.108	63	211369	7.199	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 144.000%#		
20) 2-Butanone-d5	3.886	46	342363	126.944	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 253.880%#		
24) Chloroform-d	4.342	84	313067	9.465	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 189.200%#		
26) 1,2-Dichloroethane-d4	5.027	65	142723	9.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 191.800%#		
32) Benzene-d6	5.043	84	643836	8.793	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 175.800%#		
36) 1,2-Dichloropropane-d6	6.063	67	185558	9.075	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 181.600%#		
41) Toluene-d8	7.310	98	620183	9.409	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 188.200%#		
43) trans-1,3-Dichloroprop...	7.616	79	62470	9.367	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 187.400%#		
46) 2-Hexanone-d5	8.085	63	312597	109.817	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 219.640%#		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	147942	10.436	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 208.800%#		
66) 1,2-Dichlorobenzene-d4	11.616	152	237804	10.489	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 209.800%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	106986	4.857	ug/L	98
3) Chloromethane	1.240	50	81952	4.482	ug/L	100
5) Vinyl chloride	1.310	62	272791	13.080	ug/L	94
6) Bromomethane	1.523	94	55714	4.470	ug/L	99
8) Chloroethane	1.584	64	63396	5.173	ug/L	92
9) Trichlorofluoromethane	1.751	101	147913	5.260	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	85465	5.368	ug/L	96
12) 1,1-Dichloroethene	2.114	96	85669	5.355	ug/L #	73
13) Acetone	2.188	43	93799	54.067	ug/L	81
14) Carbon disulfide	2.291	76	261905	4.610	ug/L	100
15) Methyl Acetate	2.436	43	18739	4.451	ug/L	90
16) Methylene chloride	2.503	84	94945	4.590	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	7313113	213.218	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	113065	6.094	ug/L	93
19) 1,1-Dichloroethane	3.185	63	188604	6.218	ug/L	98
21) 2-Butanone	3.976	43	153028	56.974	ug/L	80
22) cis-1,2-Dichloroethene	3.905	96	111339	5.902	ug/L	93
23) Bromochloromethane	4.243	128	44574	5.587	ug/L	92
25) Chloroform	4.368	83	169040	5.316	ug/L	94

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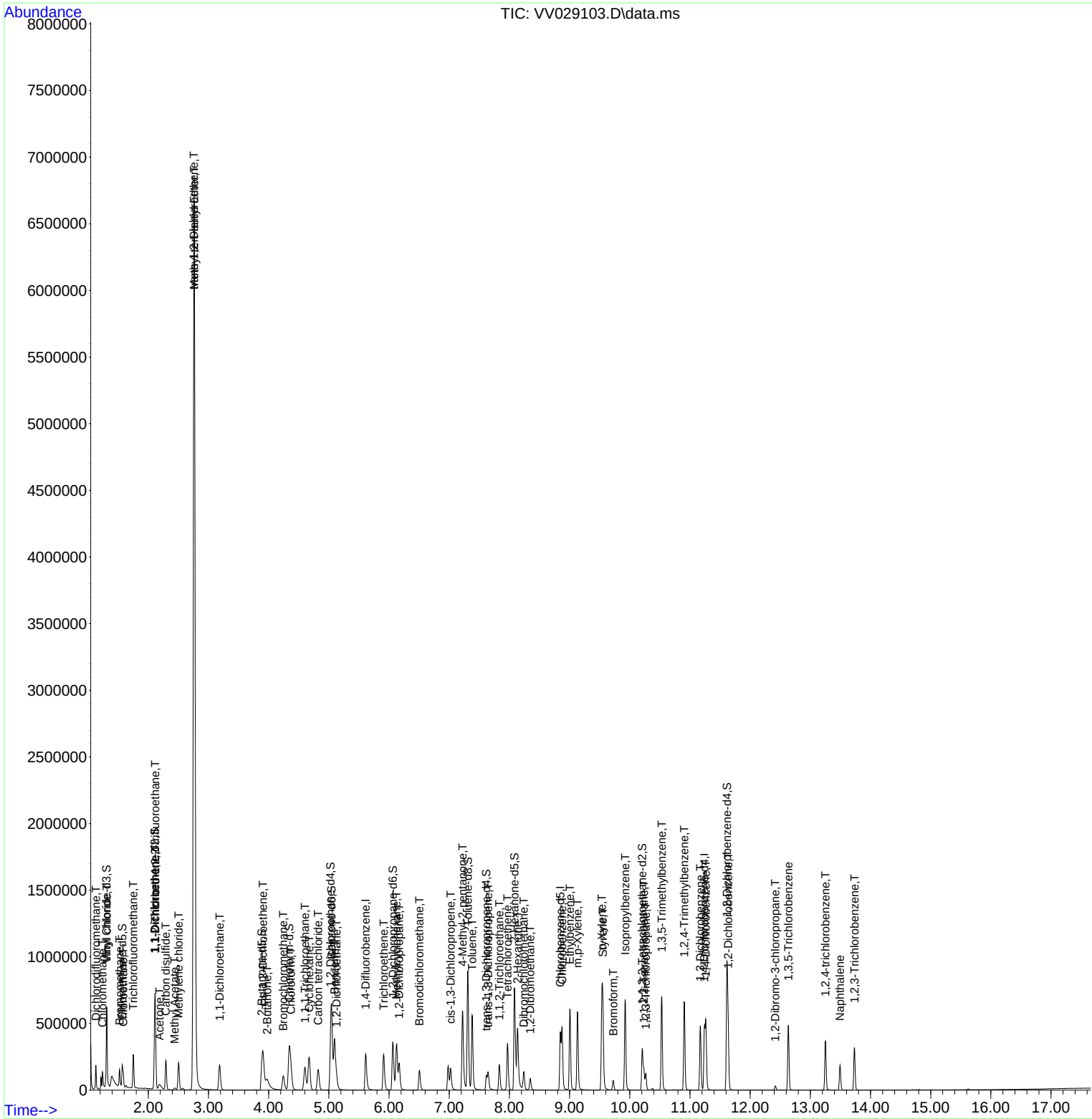
Quant Time: Nov 18 08:34:08 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
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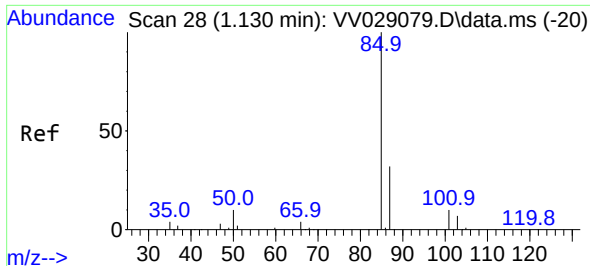
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	88016	5.374	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	143677	4.991	ug/L	97
30) Cyclohexane	4.674	56	137395	4.696	ug/L	98
31) Carbon tetrachloride	4.822	117	122322	4.934	ug/L	100
33) Benzene	5.095	78	409260	5.459	ug/L	100
34) Trichloroethene	5.912	95	97074	5.058	ug/L	95
35) Methylcyclohexane	6.124	83	160040	4.745	ug/L	97
37) 1,2-Dichloropropane	6.169	63	84400	4.882	ug/L	99
38) Bromodichloromethane	6.506	83	105393	4.814	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	111520	4.621	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	394846	53.087	ug/L	97
42) Toluene	7.381	91	430138	5.311	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	85950	4.588	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	63747	5.633	ug/L	97
47) Tetrachloroethene	7.969	164	84487	5.498	ug/L	97
48) 2-Hexanone	8.137	43	293587	56.351	ug/L	98
49) Dibromochloromethane	8.239	129	69866	5.106	ug/L	100
50) 1,2-Dibromoethane	8.346	107	59534	5.663	ug/L #	96
51) Chlorobenzene	8.876	112	274392	5.480	ug/L	97
52) Ethylbenzene	9.005	91	446667	5.298	ug/L	99
53) m,p-Xylene	9.130	106	180766	5.391	ug/L	98
54) o-Xylene	9.535	106	175966	5.520	ug/L	96
55) Styrene	9.554	104	295733	5.531	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	76991	5.837	ug/L	97
59) Bromoform	9.725	173	35283	5.107	ug/L	99
60) Isopropylbenzene	9.924	105	466754	5.675	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	51708	5.971	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	393453	5.646	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	376497	5.394	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	213860	5.534	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	211727	5.449	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	198082	5.704	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	8021	4.707	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.635	180	160138	5.371	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	121852	5.403	ug/L	99
71) Naphthalene	13.493	128	156412	5.375	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	106725	5.587	ug/L	99

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

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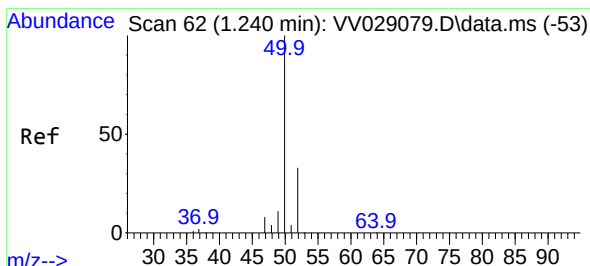
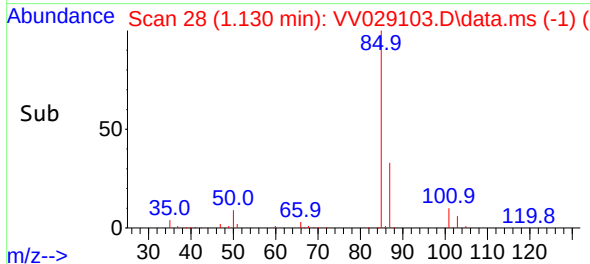
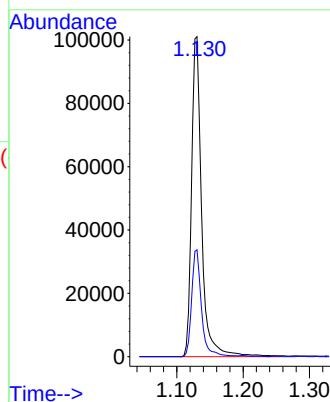
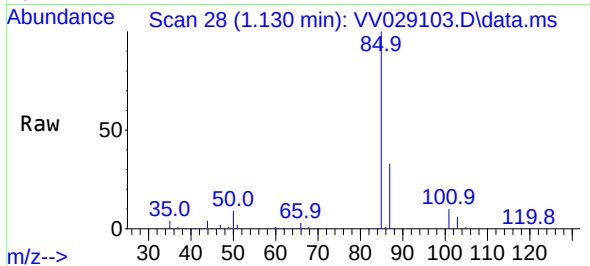




#2
Dichlorodifluoromethane
Concen: 4.857 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

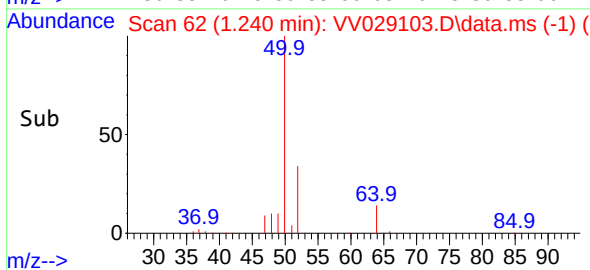
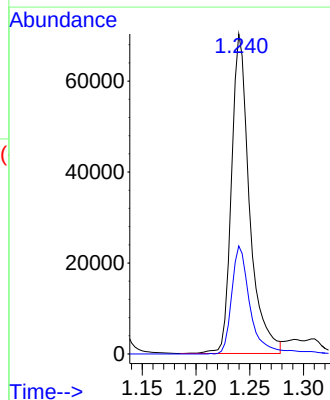
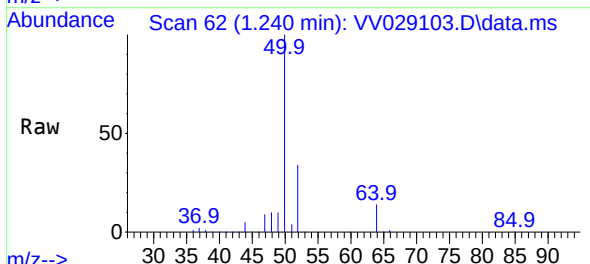
Instrument :
MSVOA_V
ClientSampleId :
H46E7

Tgt Ion: 85 Resp: 106986
Ion Ratio Lower Upper
85 100
87 32.4 25.0 37.4

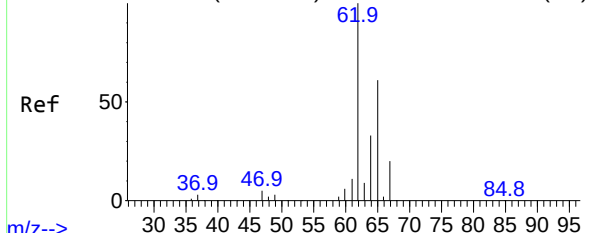


#3
Chloromethane
Concen: 4.482 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 50 Resp: 81952
Ion Ratio Lower Upper
50 100
52 33.8 23.7 43.9



Abundance Scan 84 (1.311 min): VV029079.D\data.ms (-76)



#5

Vinyl chloride

Concen: 13.080 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV029103.D

Acq: 18 Nov 2022 07:29

Instrument :

MSVOA_V

ClientSampleId :

H46E7

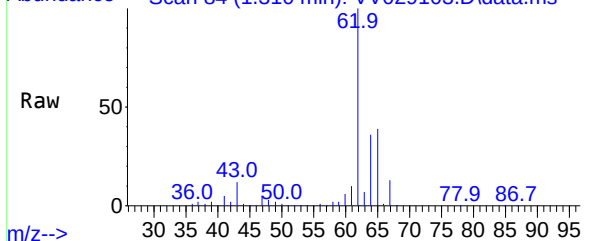
Tgt Ion: 62 Resp: 272791

Ion Ratio Lower Upper

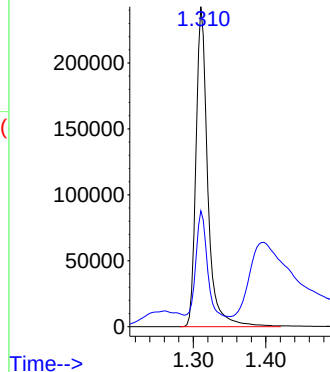
62 100

64 36.2 22.8 42.4

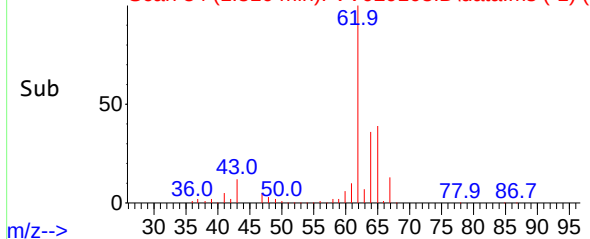
Abundance Scan 84 (1.310 min): VV029103.D\data.ms



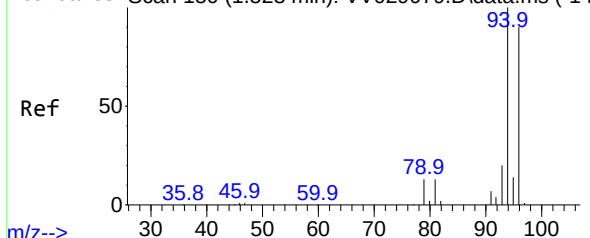
Abundance



Abundance Scan 84 (1.310 min): VV029103.D\data.ms (-1)



Abundance Scan 150 (1.523 min): VV029079.D\data.ms (-14)



#6

Bromomethane

Concen: 4.470 ug/L

RT: 1.523 min Scan# 150

Delta R.T. -0.000 min

Lab File: VV029103.D

Acq: 18 Nov 2022 07:29

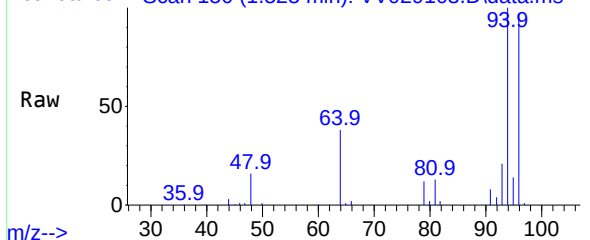
Tgt Ion: 94 Resp: 55714

Ion Ratio Lower Upper

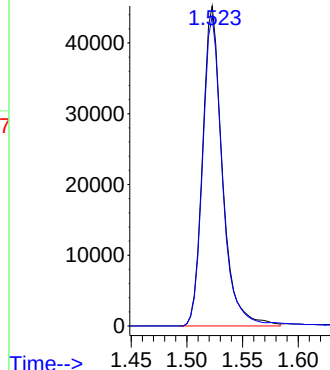
94 100

96 96.9 68.5 127.3

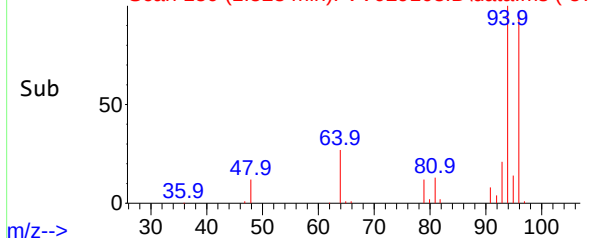
Abundance Scan 150 (1.523 min): VV029103.D\data.ms

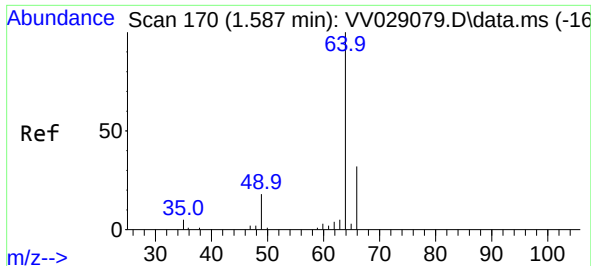


Abundance



Abundance Scan 150 (1.523 min): VV029103.D\data.ms (-57)

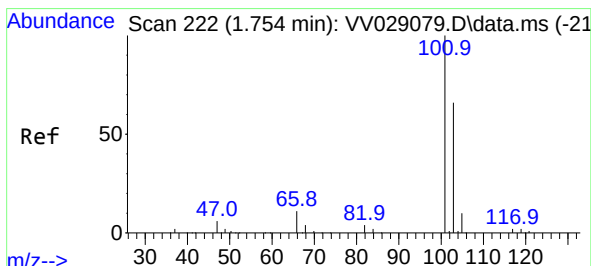
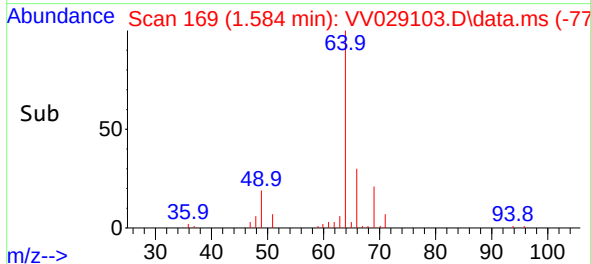
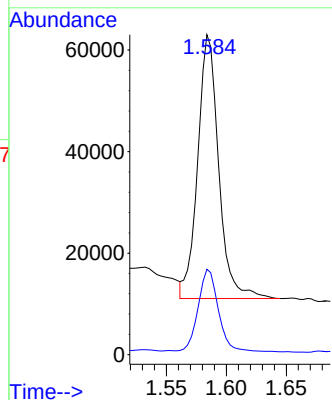
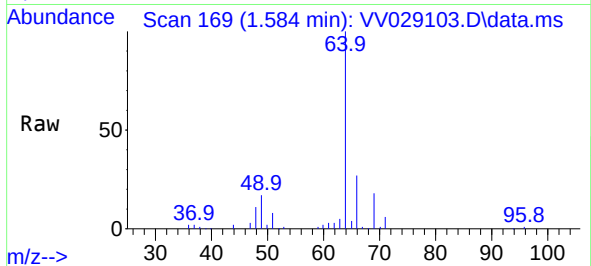




#8
Chloroethane
Concen: 5.173 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

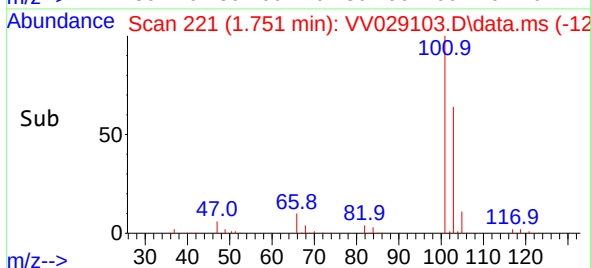
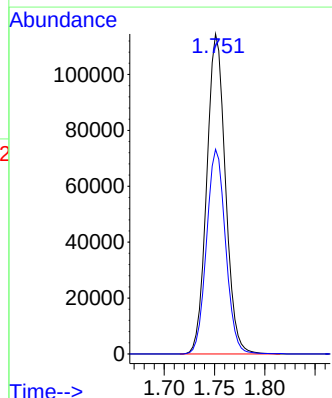
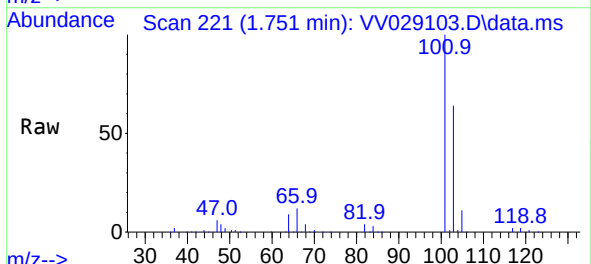
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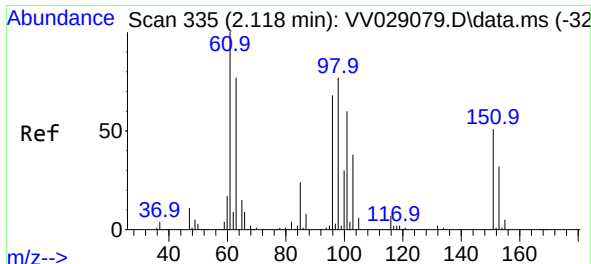
Tgt Ion: 64 Resp: 63396
Ion Ratio Lower Upper
64 100
66 26.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.260 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion:101 Resp: 147913
Ion Ratio Lower Upper
101 100
103 65.1 51.3 76.9

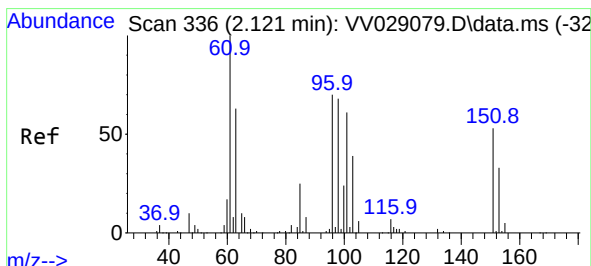
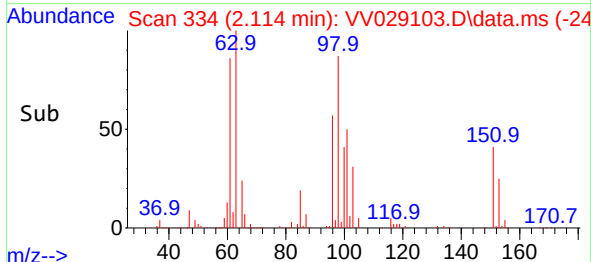
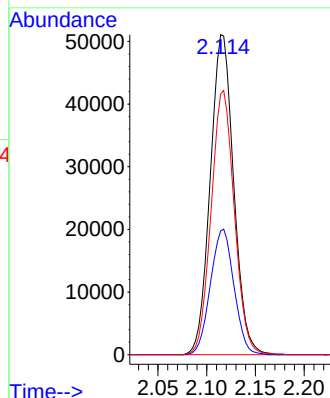
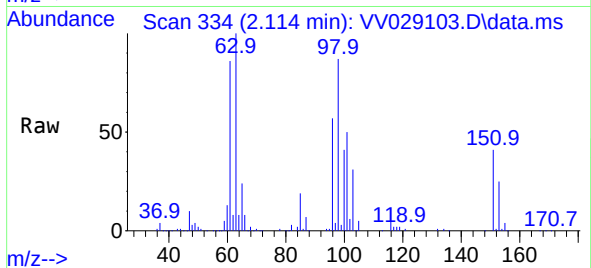




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.368 ug/L
RT: 2.114 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

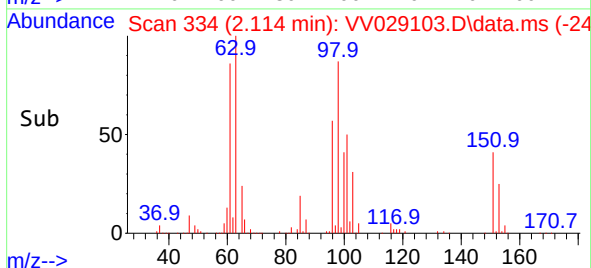
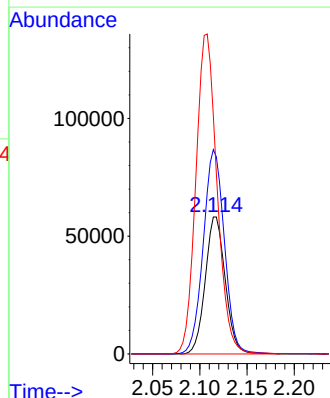
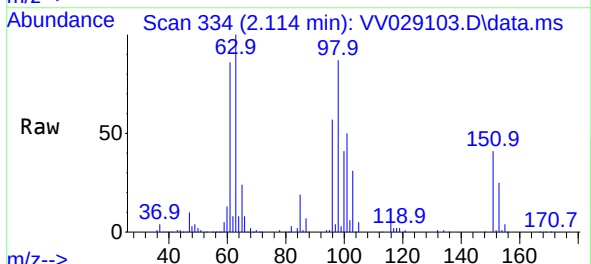
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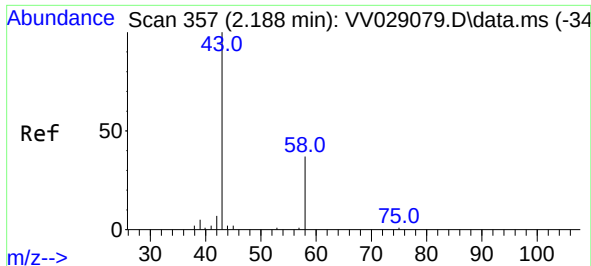
Tgt Ion:101 Resp: 85465
Ion Ratio Lower Upper
101 100
85 39.3 32.9 49.3
151 81.7 62.5 93.7



#12
1,1-Dichloroethene
Concen: 5.355 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.007 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 96 Resp: 85669
Ion Ratio Lower Upper
96 100
61 149.1 104.2 193.4
63 174.2 75.9 140.9#

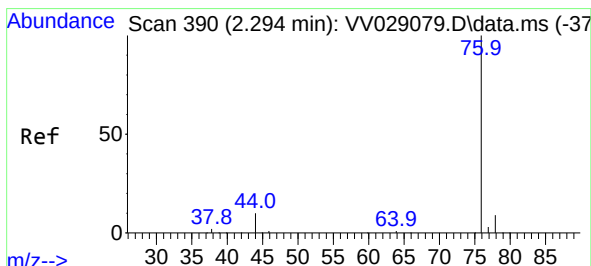
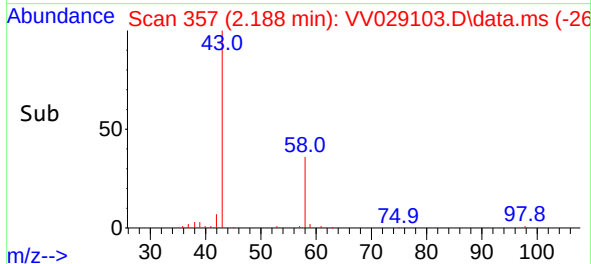
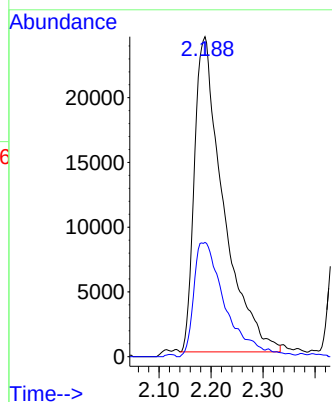
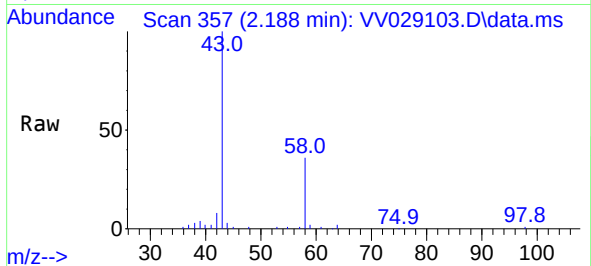




#13
Acetone
Concen: 54.067 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

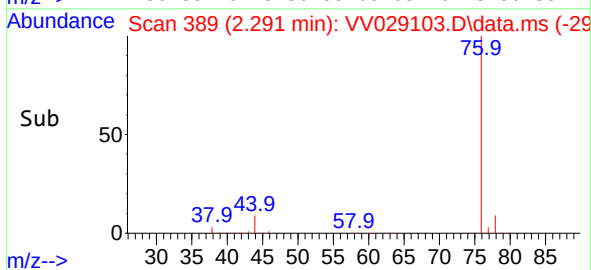
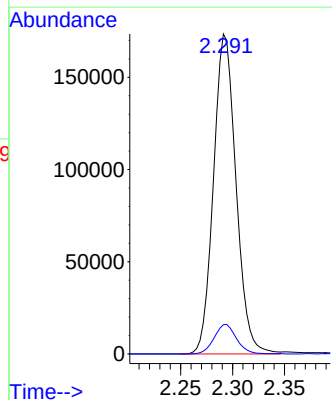
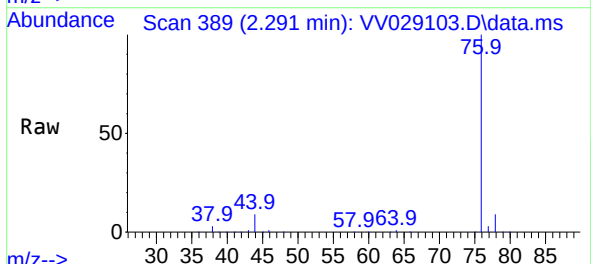
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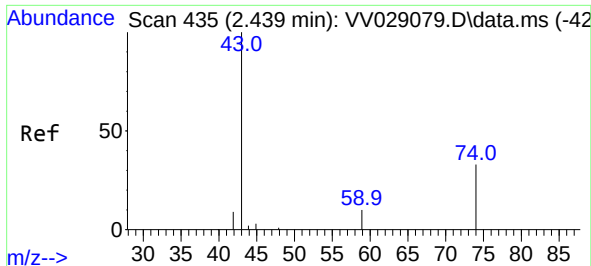
Tgt Ion: 43 Resp: 93799
Ion Ratio Lower Upper
43 100
58 38.4 0.0 56.6



#14
Carbon disulfide
Concen: 4.610 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 76 Resp: 261905
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

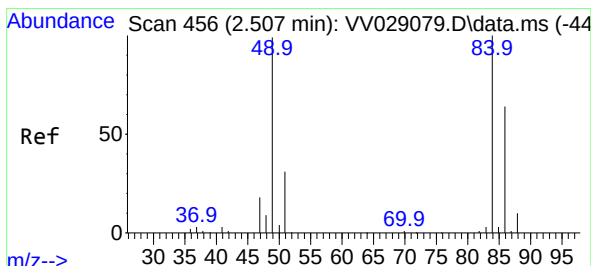
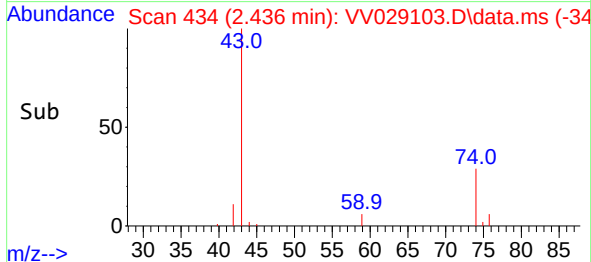
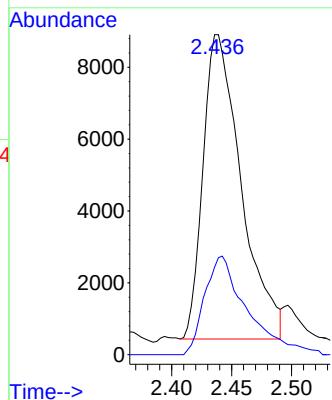
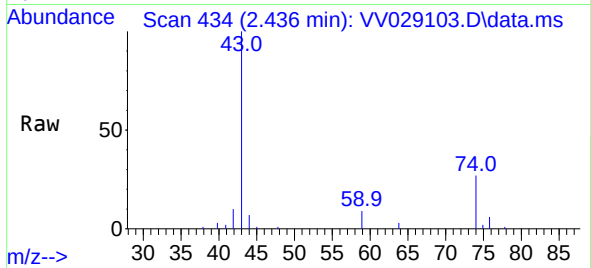




#15
Methyl Acetate
Concen: 4.451 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

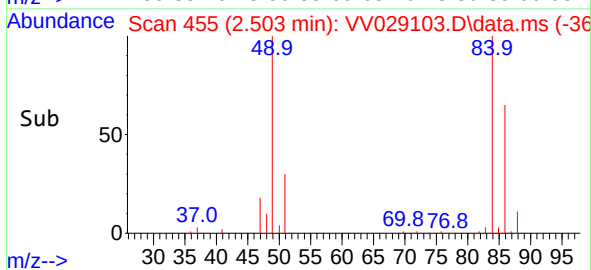
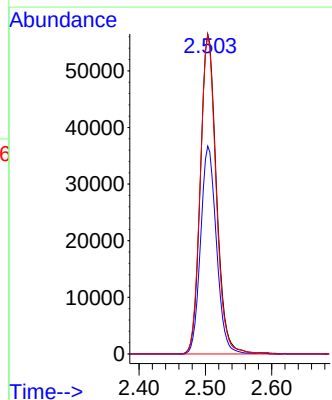
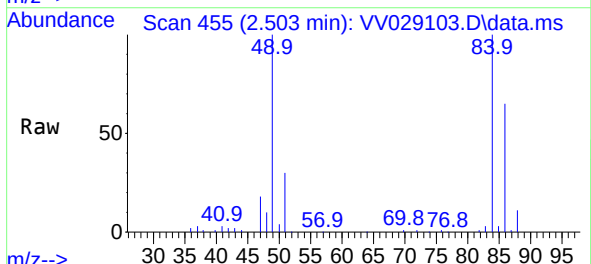
Instrument :
MSVOA_V
ClientSampleId :
H46E7

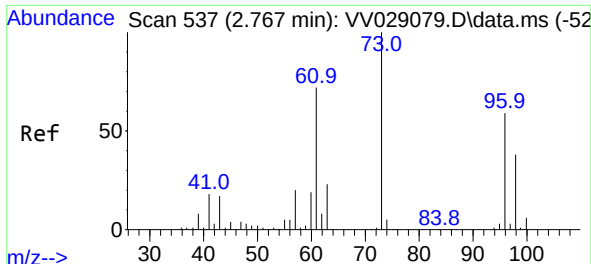
Tgt Ion: 43 Resp: 18739
Ion Ratio Lower Upper
43 100
74 36.2 24.6 37.0



#16
Methylene chloride
Concen: 4.590 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 84 Resp: 94945
Ion Ratio Lower Upper
84 100
86 64.9 45.8 85.0
49 99.5 75.5 140.1

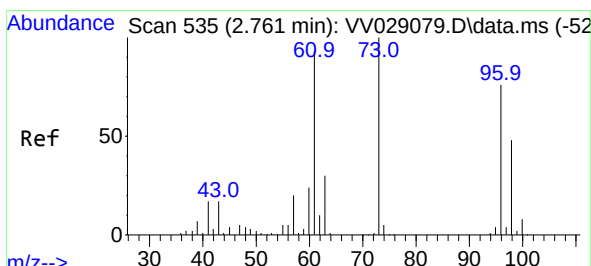
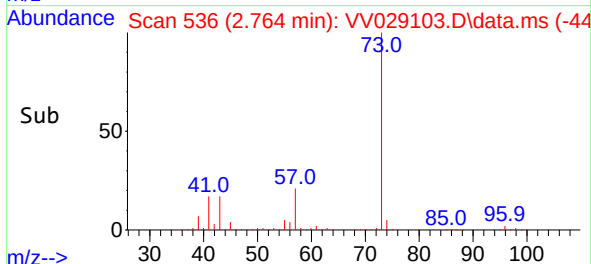
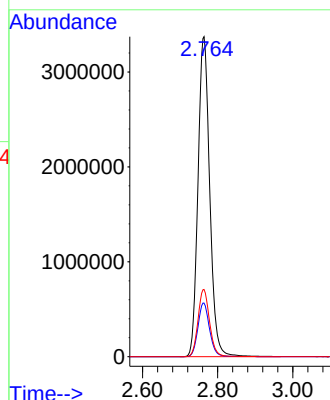
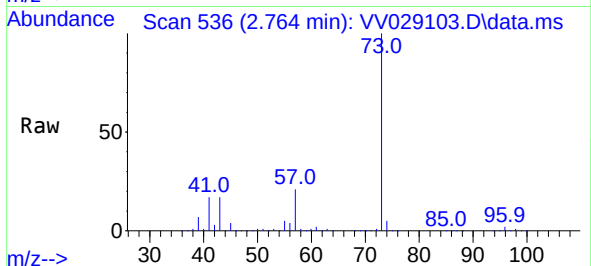




#17
Methyl tert-butyl Ether
Concen: 213.218 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

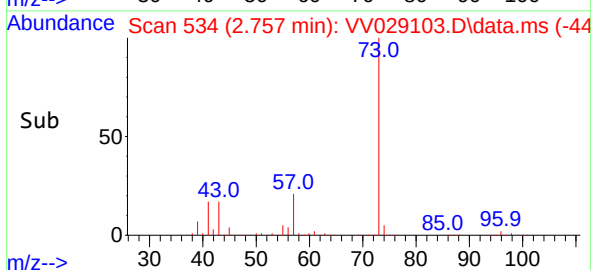
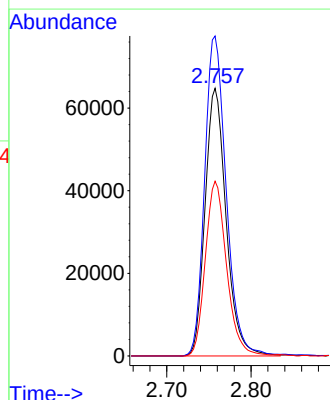
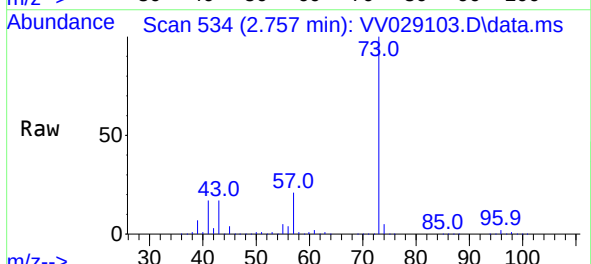
Instrument :
MSVOA_V
ClientSampleId :
H46E7

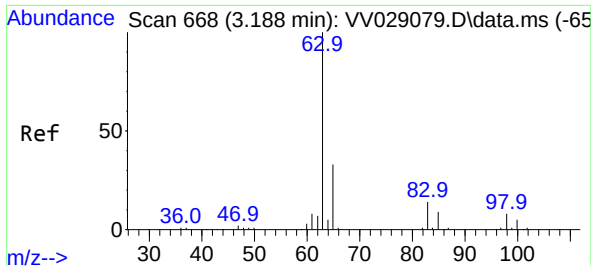
Tgt Ion: 73 Resp: 7313113
Ion Ratio Lower Upper
73 100
43 16.5 13.0 19.4
57 20.7 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 6.094 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 96 Resp: 113065
Ion Ratio Lower Upper
96 100
61 119.6 91.8 170.6
98 65.3 46.4 86.2

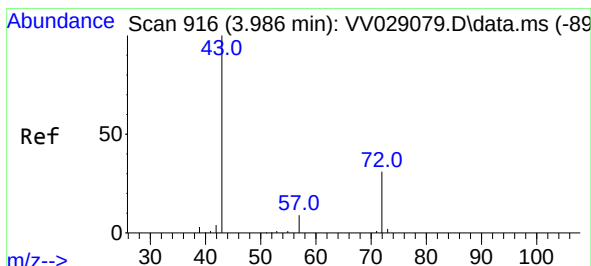
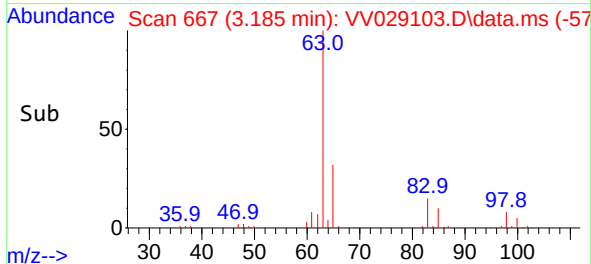
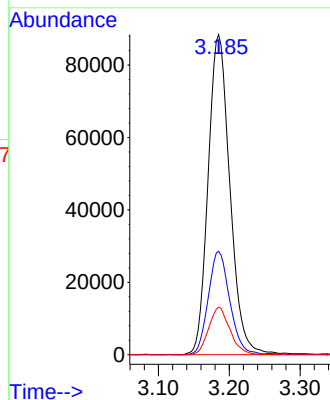
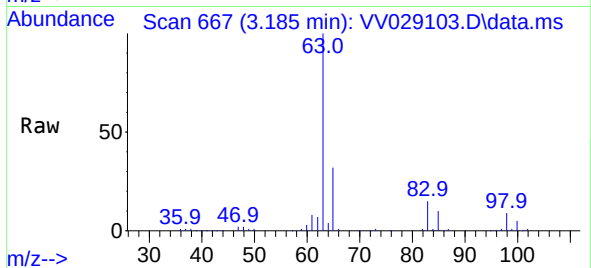




#19
1,1-Dichloroethane
Concen: 6.218 ug/L
RT: 3.185 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

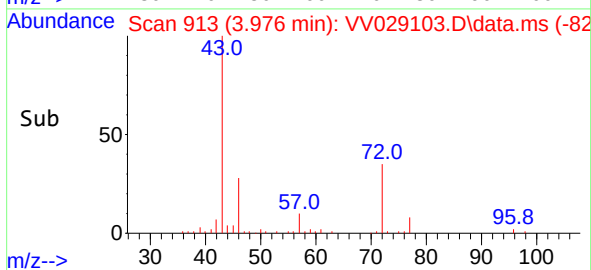
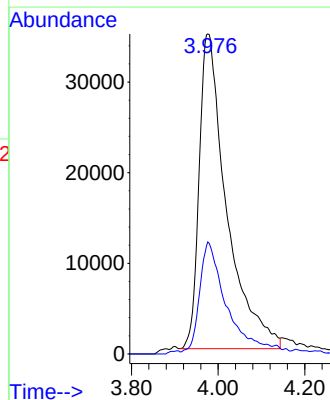
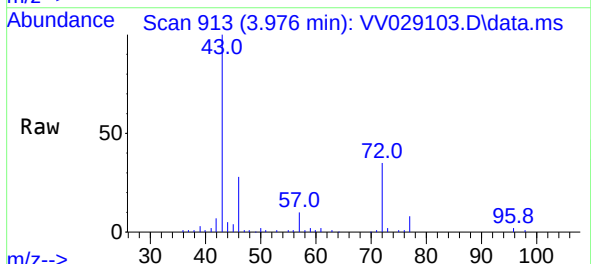
Instrument :
MSVOA_V
ClientSampleId :
H46E7

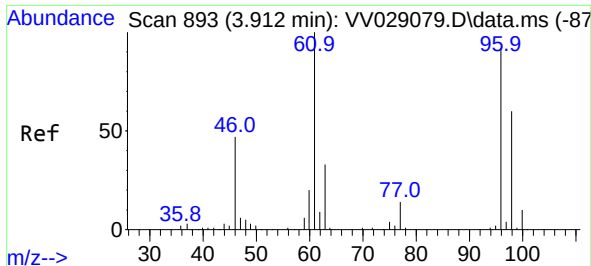
Tgt Ion: 63 Resp: 188604
Ion Ratio Lower Upper
63 100
65 32.3 23.0 42.6
83 14.9 9.4 17.6



#21
2-Butanone
Concen: 56.974 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.010 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 43 Resp: 153028
Ion Ratio Lower Upper
43 100
72 33.6 11.9 35.9





#22

cis-1,2-Dichloroethene

Concen: 5.902 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.007 min

Lab File: VV029103.D

Acq: 18 Nov 2022 07:29

Instrument :

MSVOA_V

ClientSampleId :

H46E7

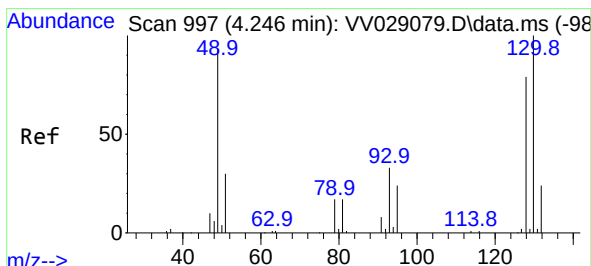
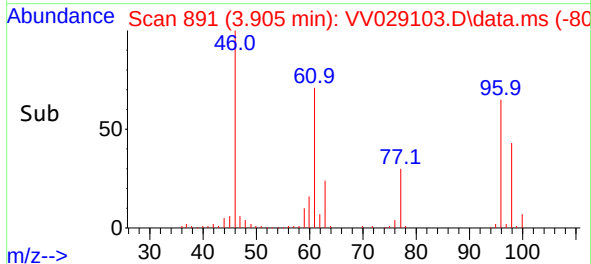
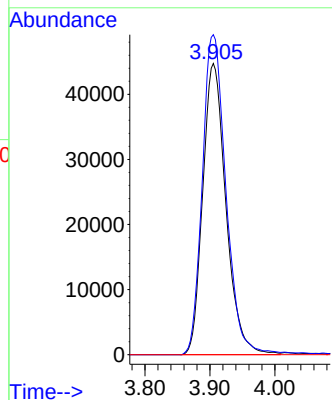
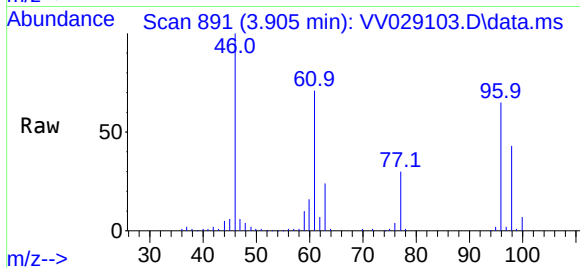
Tgt Ion: 96 Resp: 111339

Ion Ratio Lower Upper

96 100

61 109.9 82.3 152.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.587 ug/L

RT: 4.243 min Scan# 996

Delta R.T. -0.003 min

Lab File: VV029103.D

Acq: 18 Nov 2022 07:29

Tgt Ion: 128 Resp: 44574

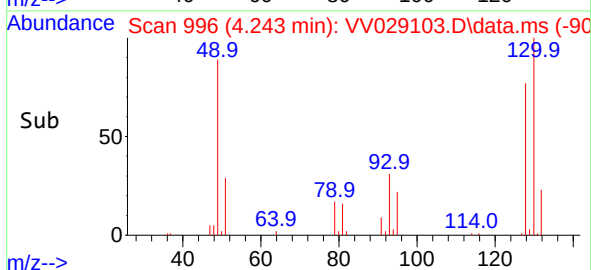
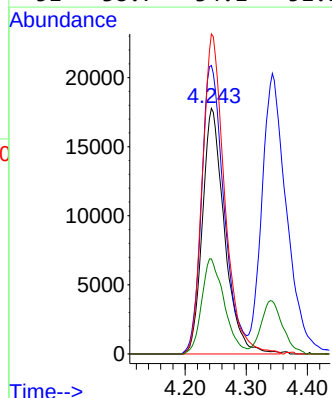
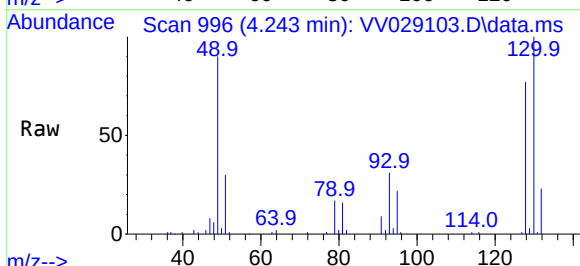
Ion Ratio Lower Upper

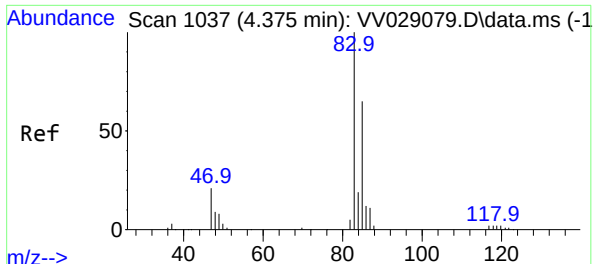
128 100

49 117.5 89.5 166.1

130 130.3 84.4 156.8

51 38.7 34.1 51.1





#25

Chloroform

Concen: 5.316 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VV029103.D

Acq: 18 Nov 2022 07:29

Instrument :

MSVOA_V

ClientSampleId :

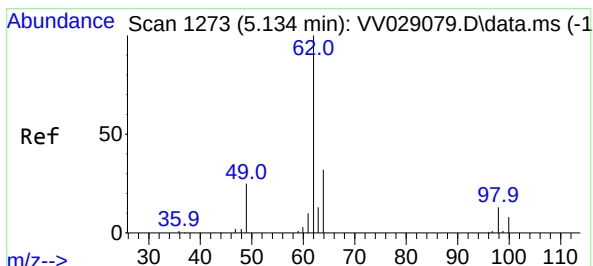
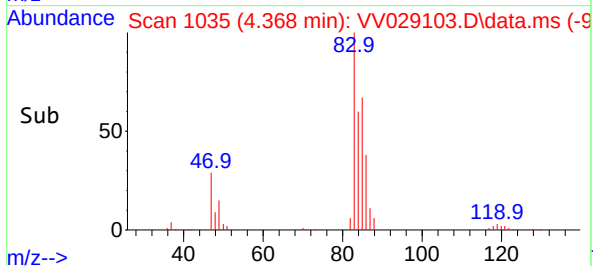
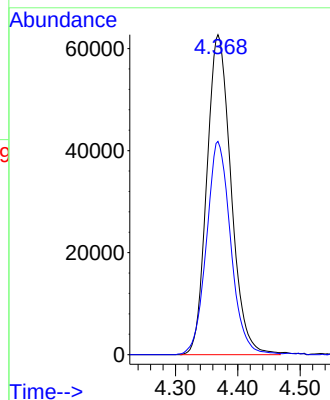
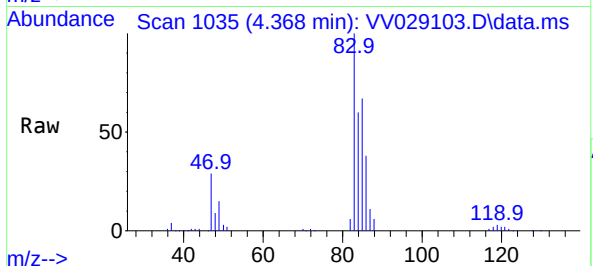
H46E7

Tgt Ion: 83 Resp: 169040

Ion Ratio Lower Upper

83 100

85 66.7 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.374 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.006 min

Lab File: VV029103.D

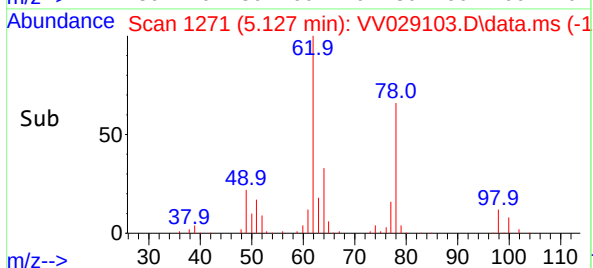
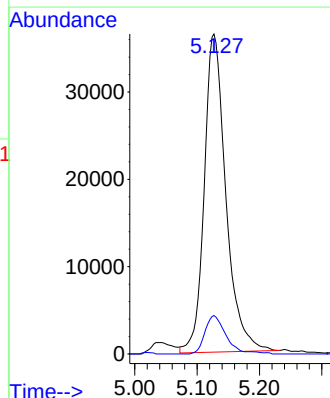
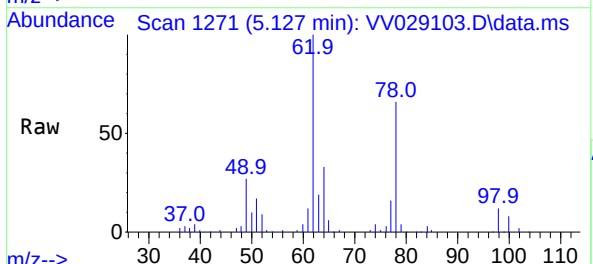
Acq: 18 Nov 2022 07:29

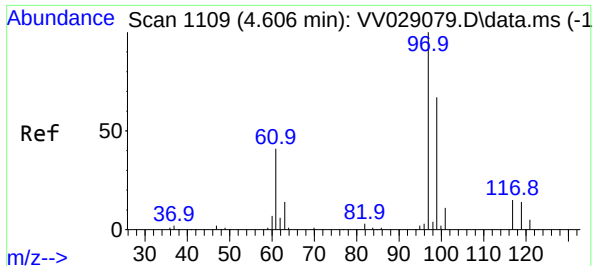
Tgt Ion: 62 Resp: 88016

Ion Ratio Lower Upper

62 100

98 12.0 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.991 ug/L

RT: 4.603 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV029103.D

Acq: 18 Nov 2022 07:29

Instrument :

MSVOA_V

ClientSampleId :

H46E7

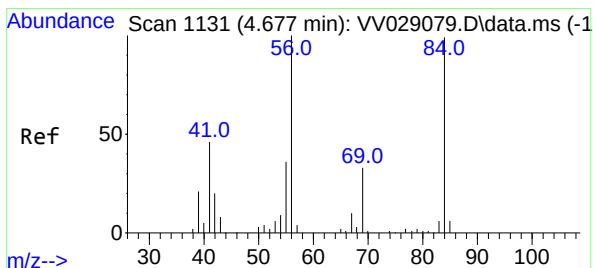
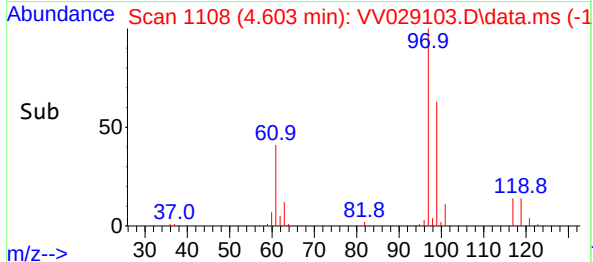
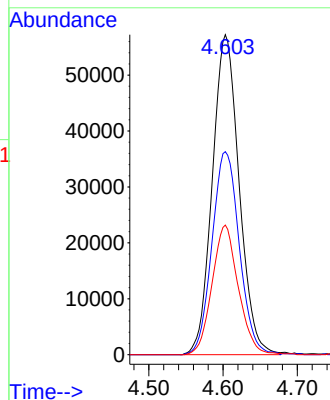
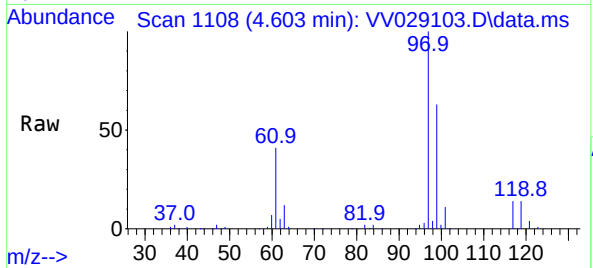
Tgt Ion: 97 Resp: 143677

Ion Ratio Lower Upper

97 100

99 64.6 52.7 79.1

61 39.7 33.8 50.6



#30

Cyclohexane

Concen: 4.696 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV029103.D

Acq: 18 Nov 2022 07:29

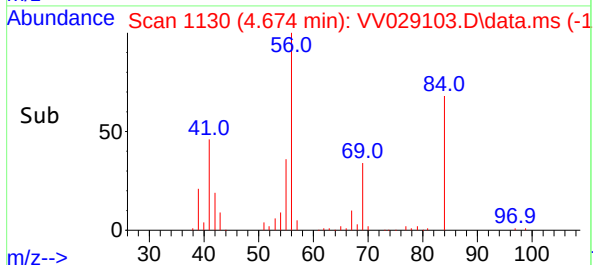
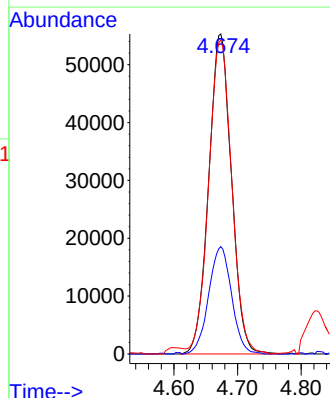
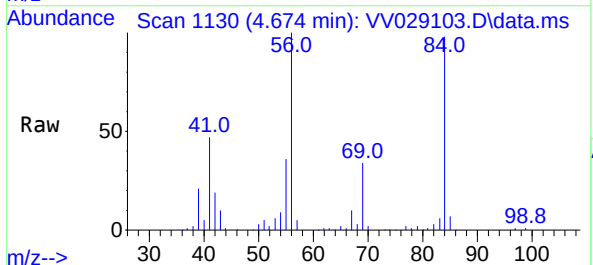
Tgt Ion: 56 Resp: 137395

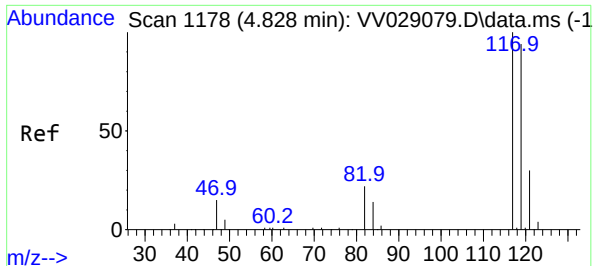
Ion Ratio Lower Upper

56 100

69 33.8 26.1 39.1

84 99.6 77.9 116.9

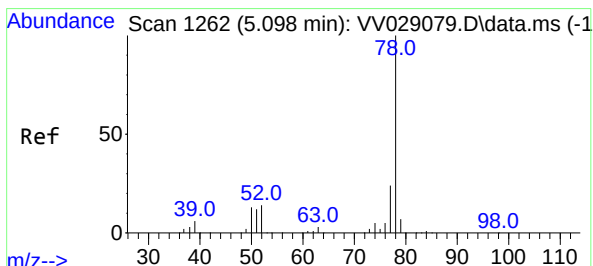
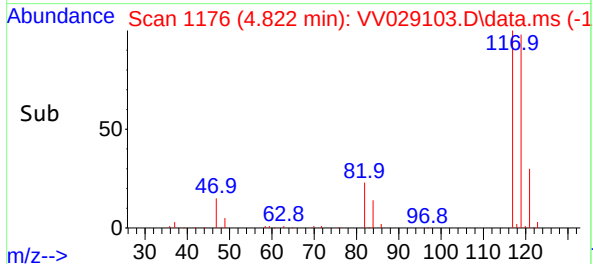
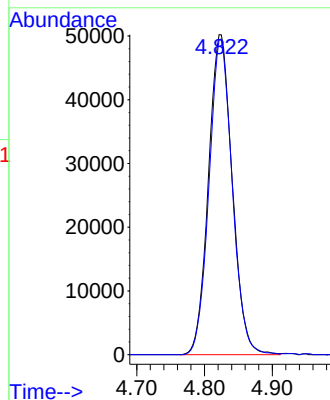
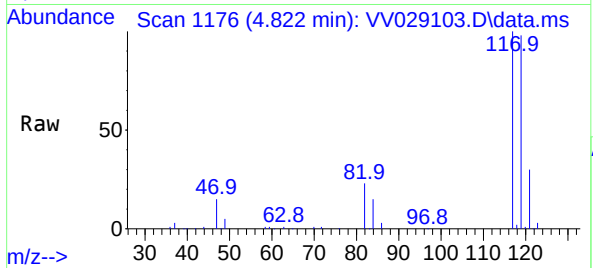




#31
Carbon tetrachloride
Concen: 4.934 ug/L
RT: 4.822 min Scan# 1178
Delta R.T. -0.007 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

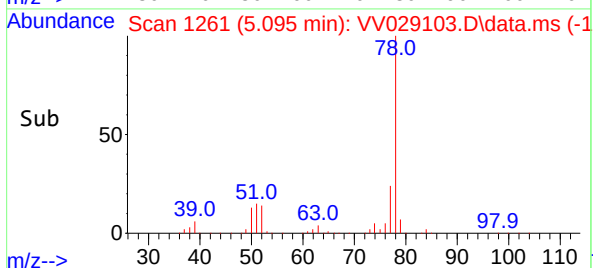
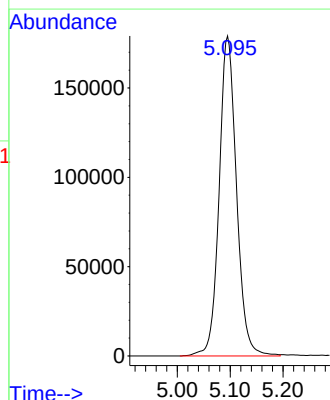
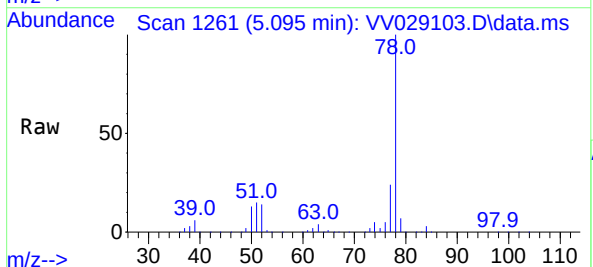
Instrument :
MSVOA_V
ClientSampleId :
H46E7

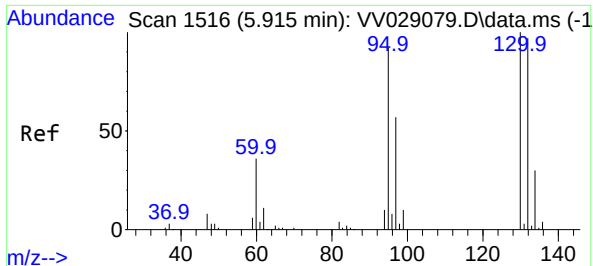
Tgt Ion:117 Resp: 122322
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.6



#33
Benzene
Concen: 5.459 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 78 Resp: 409260



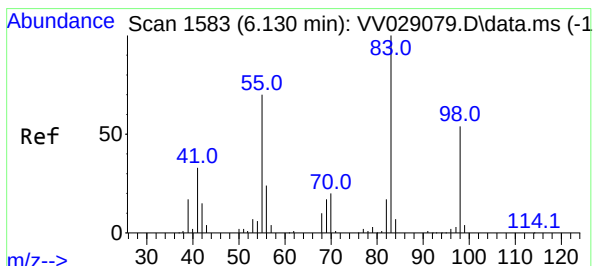
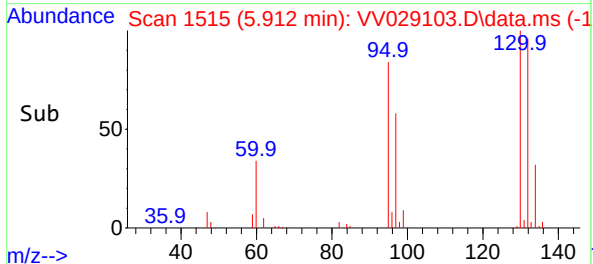
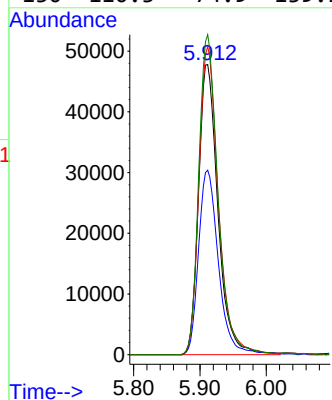
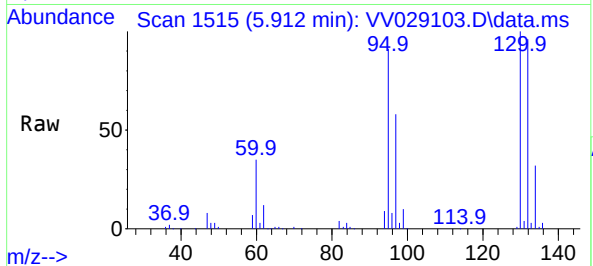


#34
Trichloroethene
Concen: 5.058 ug/L
RT: 5.912 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Instrument :
MSVOA_V
ClientSampleId :
H46E7

Tgt Ion: 95 Resp: 97074

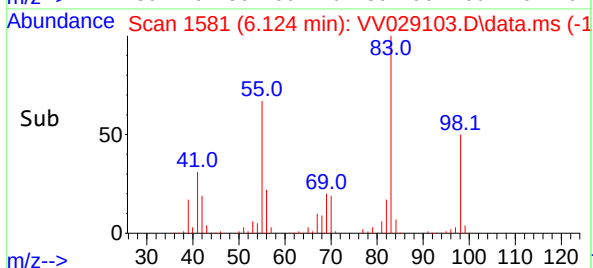
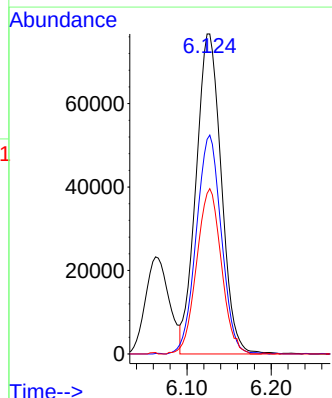
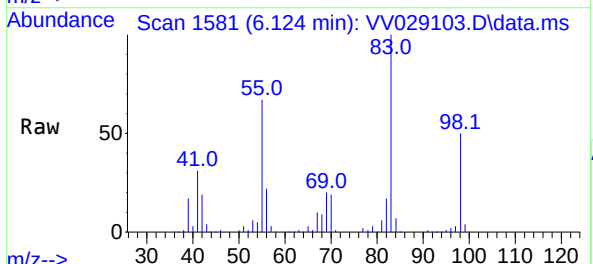
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.6	84.8
132	106.3	69.1	128.3
130	110.3	74.9	139.1

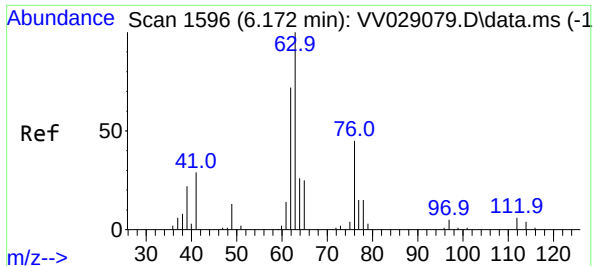


#35
Methylcyclohexane
Concen: 4.745 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.007 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 83 Resp: 160040

Ion	Ratio	Lower	Upper
83	100		
55	67.8	55.8	83.6
98	50.6	38.2	57.2

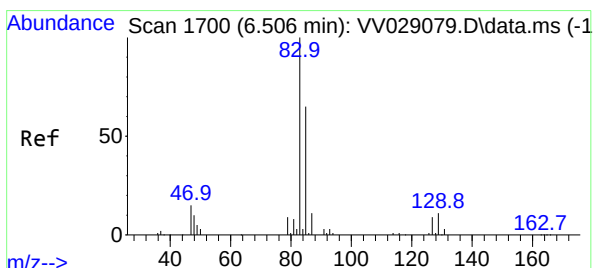
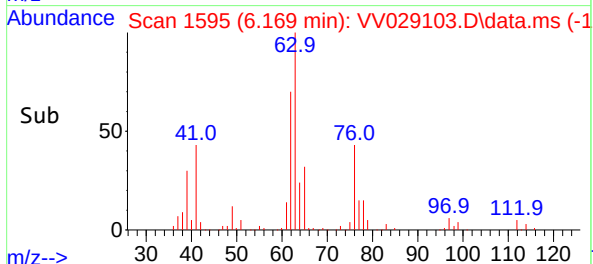
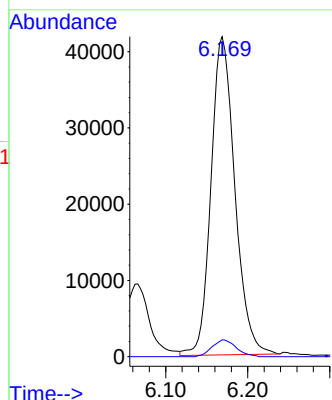
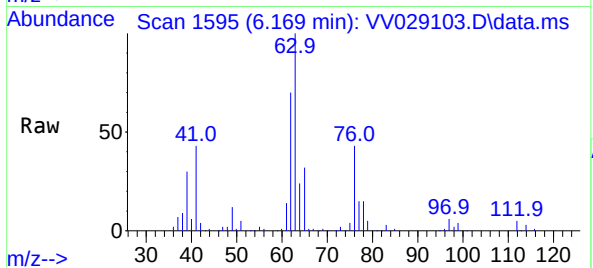




#37
1,2-Dichloropropane
Concen: 4.882 ug/L
RT: 6.169 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

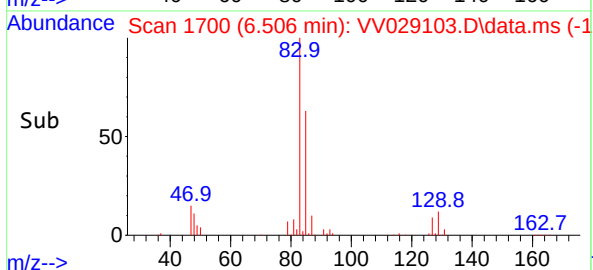
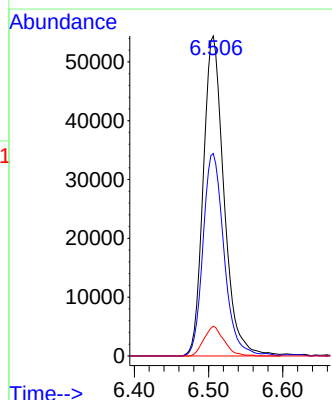
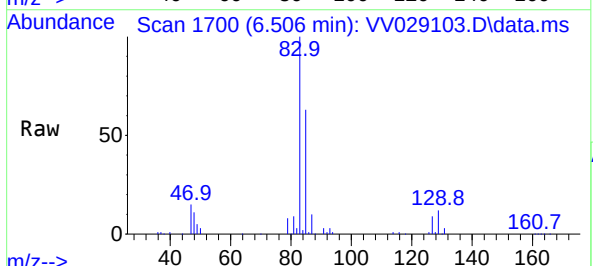
Instrument :
MSVOA_V
ClientSampleId :
H46E7

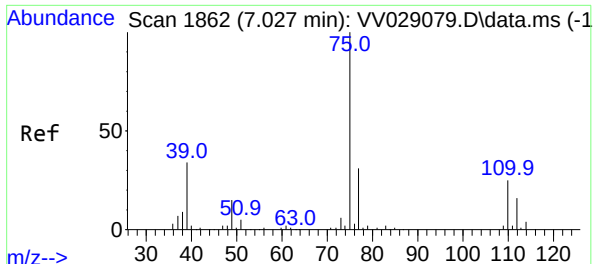
Tgt Ion: 63 Resp: 84400
Ion Ratio Lower Upper
63 100
112 5.3 4.0 6.0



#38
Bromodichloromethane
Concen: 4.814 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 83 Resp: 105393
Ion Ratio Lower Upper
83 100
85 63.2 46.1 85.5
127 9.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.621 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV029103.D

Acq: 18 Nov 2022 07:29

Instrument :

MSVOA_V

ClientSampleId :

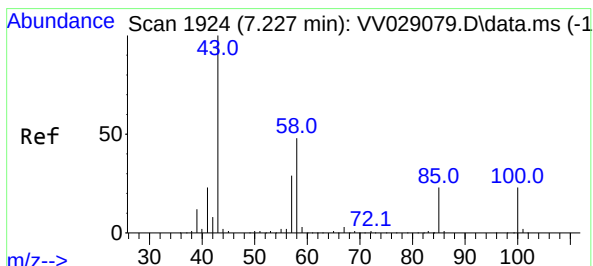
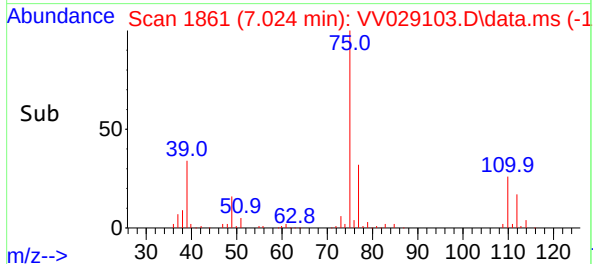
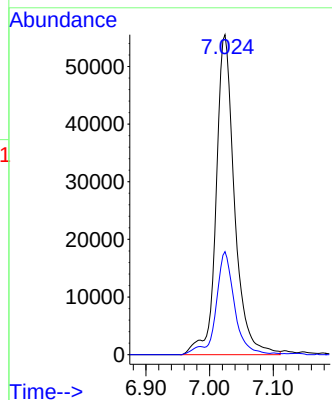
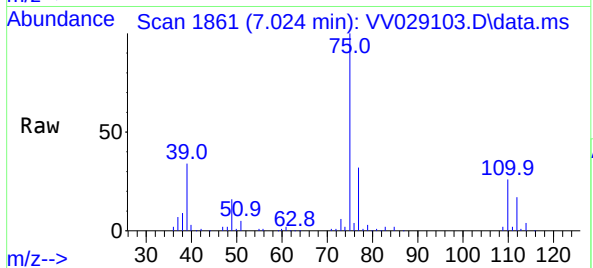
H46E7

Tgt Ion: 75 Resp: 111520

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.087 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV029103.D

Acq: 18 Nov 2022 07:29

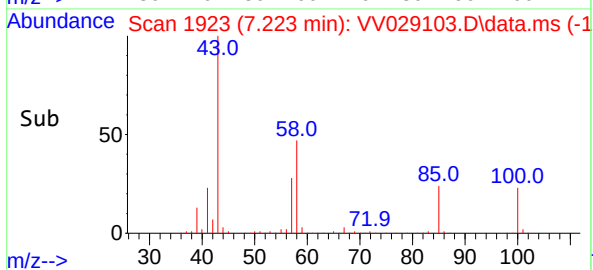
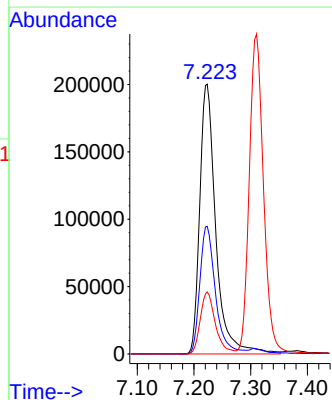
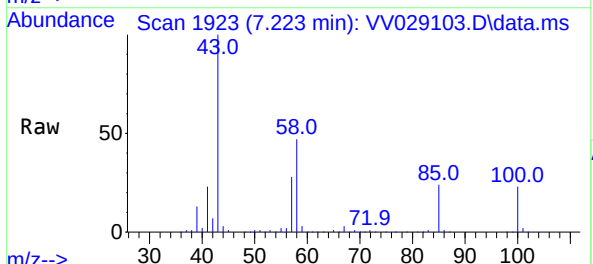
Tgt Ion: 43 Resp: 394846

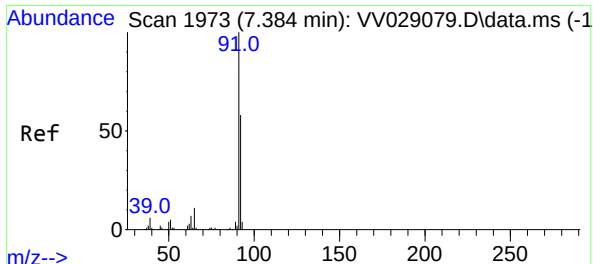
Ion Ratio Lower Upper

43 100

58 46.1 36.6 55.0

100 21.7 14.5 21.7

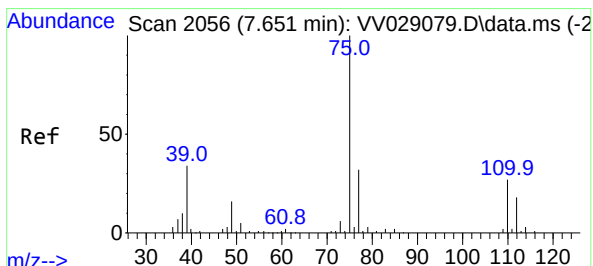
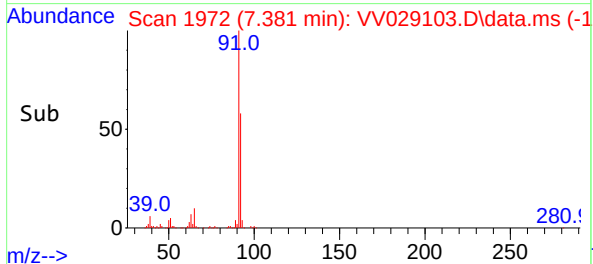
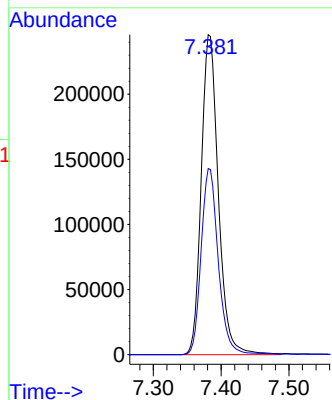
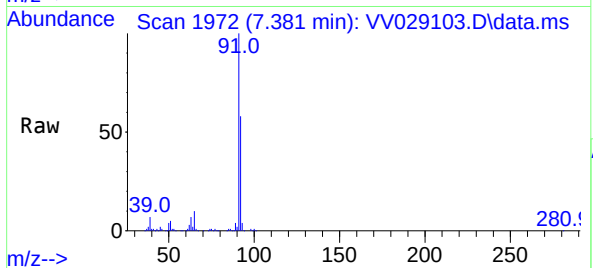




#42
Toluene
Concen: 5.311 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

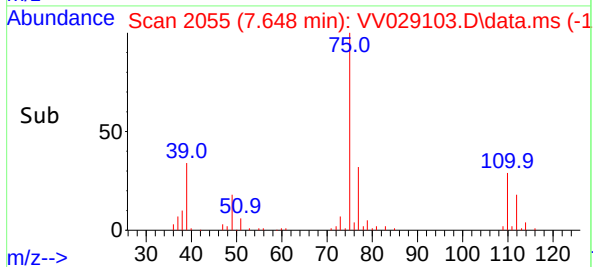
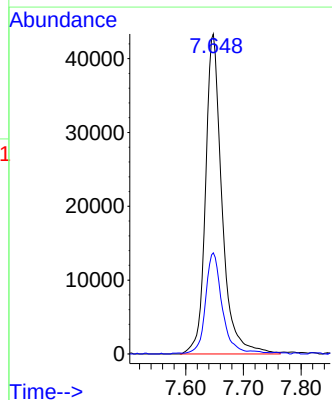
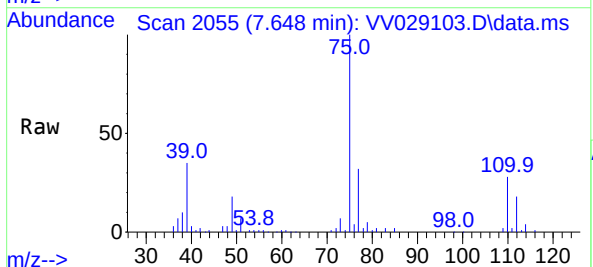
Instrument :
MSVOA_V
ClientSampleId :
H46E7

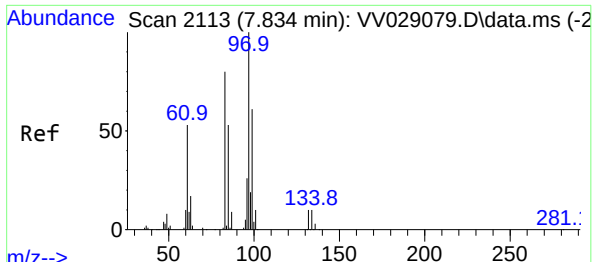
Tgt Ion: 91 Resp: 430138
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 4.588 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 75 Resp: 85950
Ion Ratio Lower Upper
75 100
77 31.6 22.2 41.2



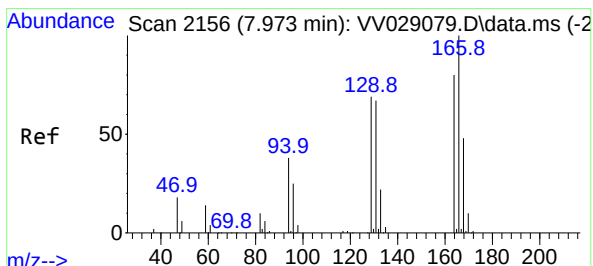
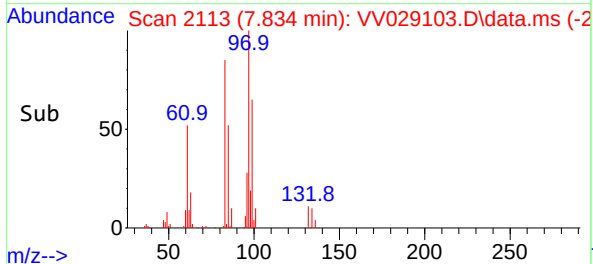
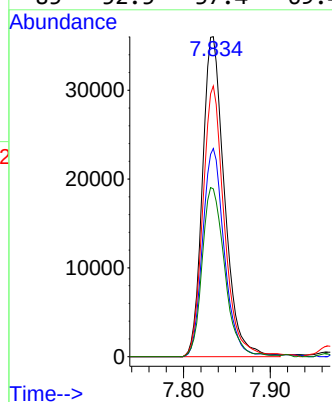
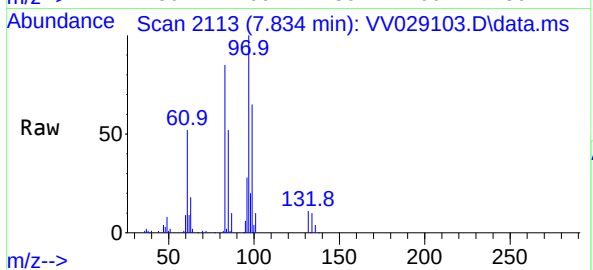


#45
1,1,2-Trichloroethane
Concen: 5.633 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Instrument :
MSVOA_V
ClientSampleId :
H46E7

Tgt Ion: 97 Resp: 63747

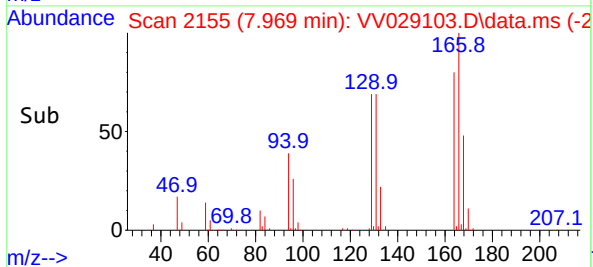
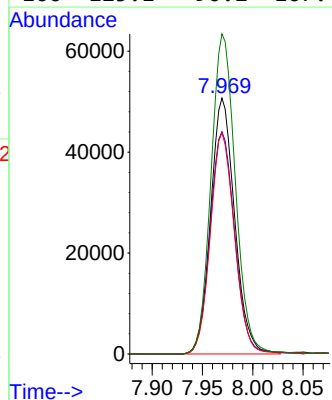
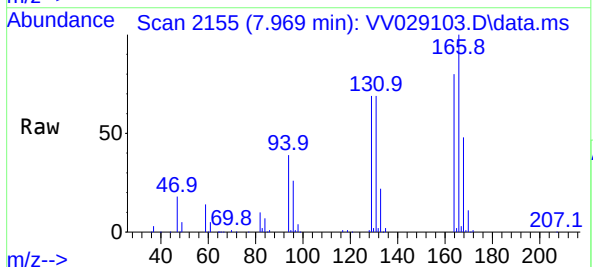
Ion	Ratio	Lower	Upper
97	100		
99	65.1	41.5	77.1
83	84.6	60.0	111.4
85	52.5	37.4	69.4

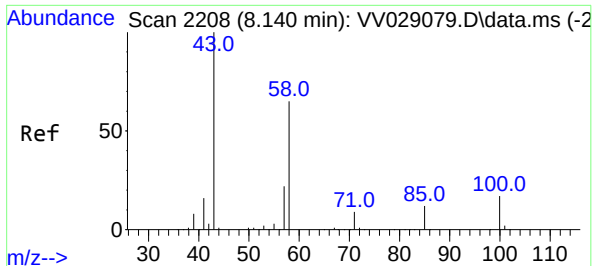


#47
Tetrachloroethene
Concen: 5.498 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 164 Resp: 84487

Ion	Ratio	Lower	Upper
164	100		
129	86.9	63.9	118.7
131	86.4	61.8	114.8
166	125.1	90.2	167.4



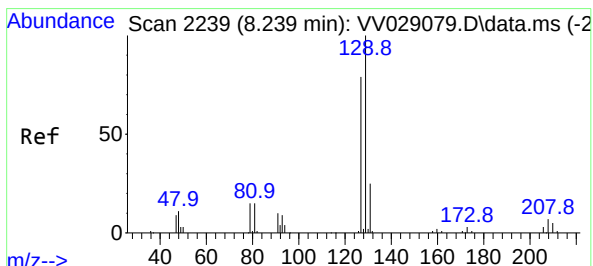
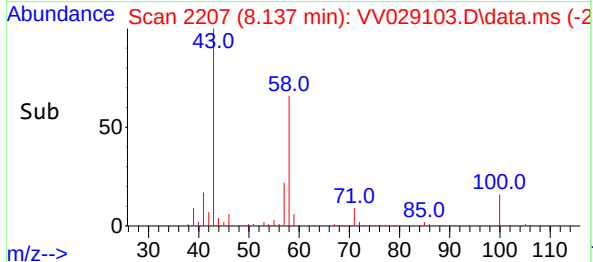
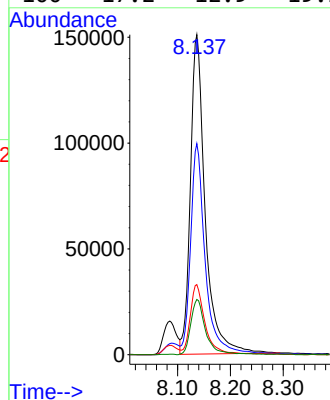
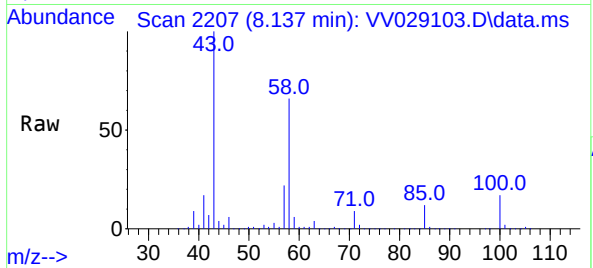


#48
2-Hexanone
Concen: 56.351 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Instrument :
MSVOA_V
ClientSampleId :
H46E7

Tgt Ion: 43 Resp: 293587

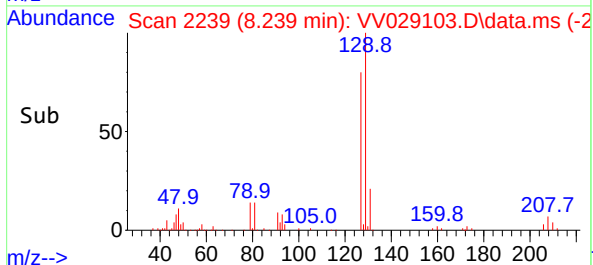
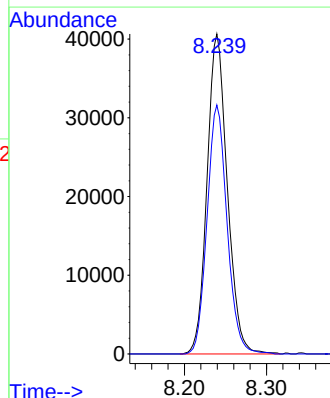
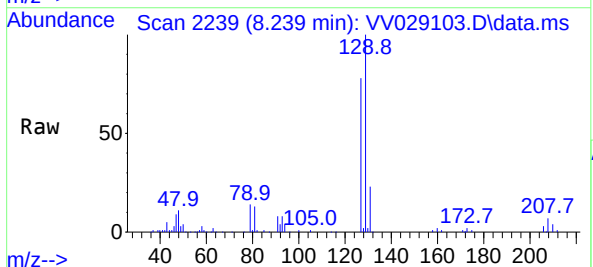
Ion	Ratio	Lower	Upper
43	100		
58	64.0	50.2	75.4
57	21.2	17.8	26.8
100	17.2	12.9	19.3

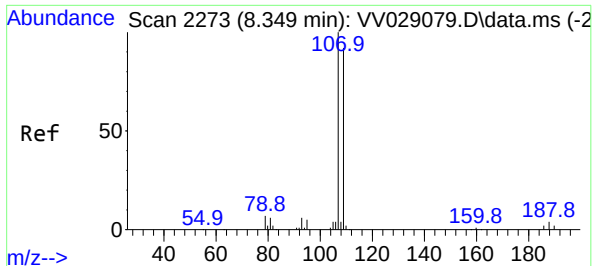


#49
Dibromochloromethane
Concen: 5.106 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 129 Resp: 69866

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.5	101.1

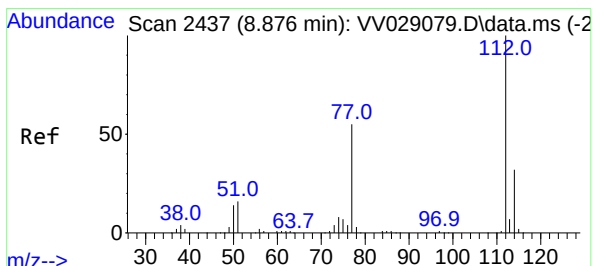
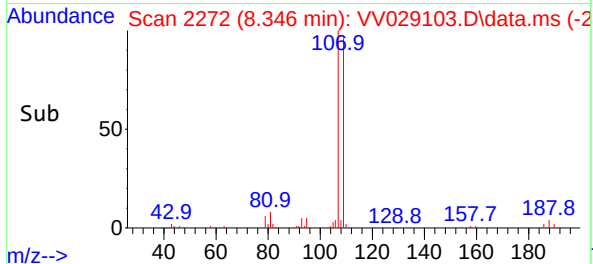
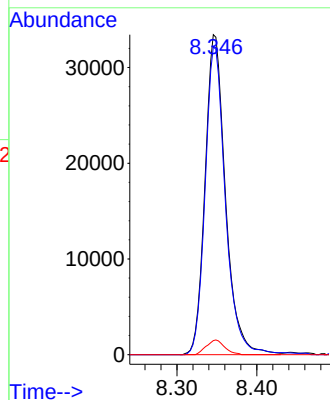
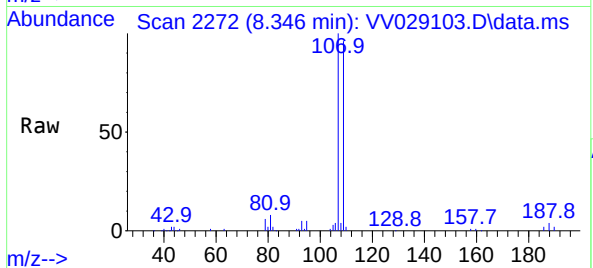




#50
1,2-Dibromoethane
Concen: 5.663 ug/L
RT: 8.346 min Scan# 211
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

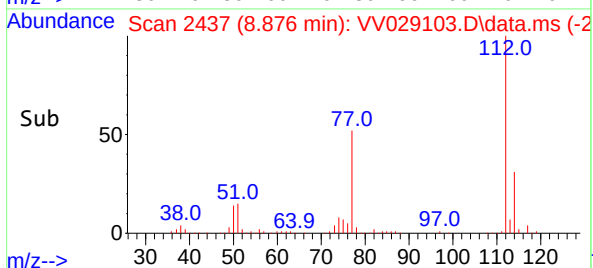
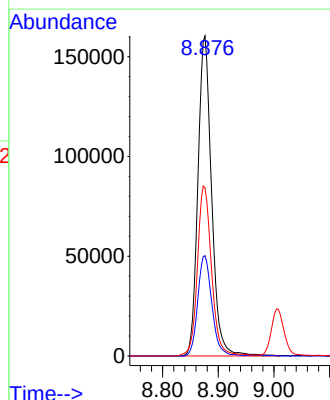
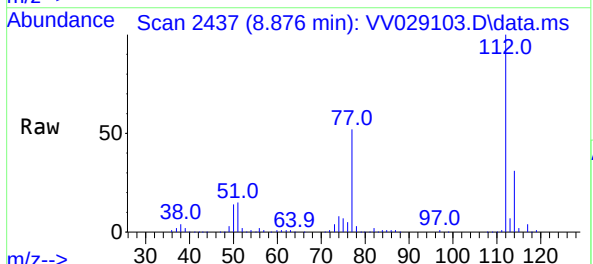
Instrument :
MSVOA_V
ClientSampleId :
H46E7

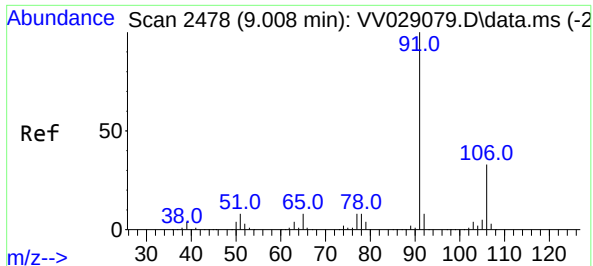
Tgt Ion:107 Resp: 59534
Ion Ratio Lower Upper
107 100
109 96.1 64.4 119.6
188 4.4 2.9 4.3#



#51
Chlorobenzene
Concen: 5.480 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion:112 Resp: 274392
Ion Ratio Lower Upper
112 100
114 31.3 22.4 41.6
77 52.5 44.4 66.6

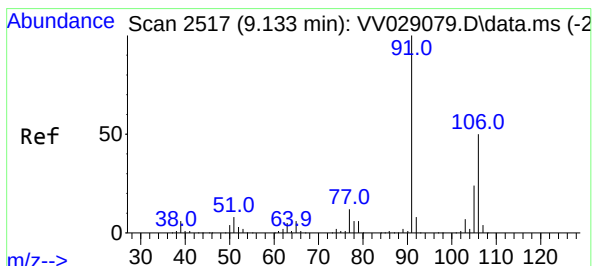
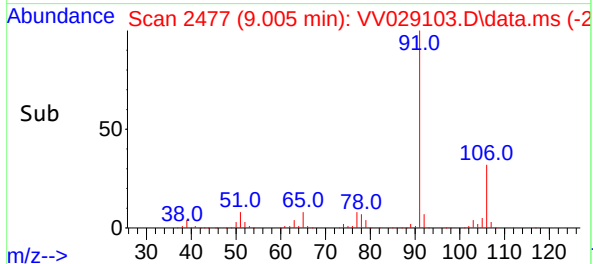
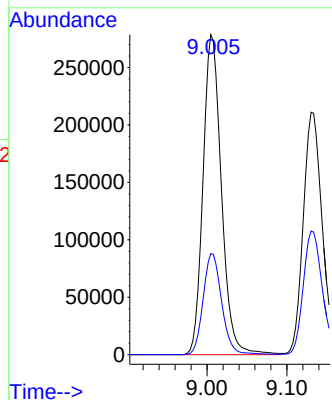
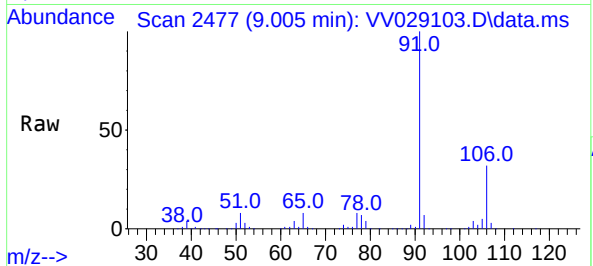




#52
Ethylbenzene
Concen: 5.298 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

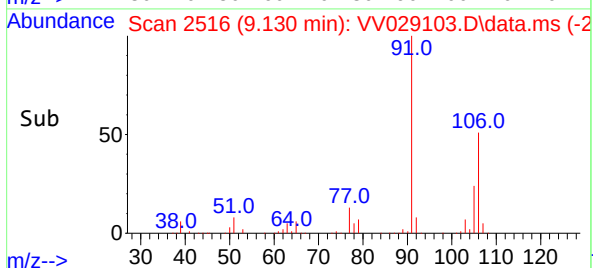
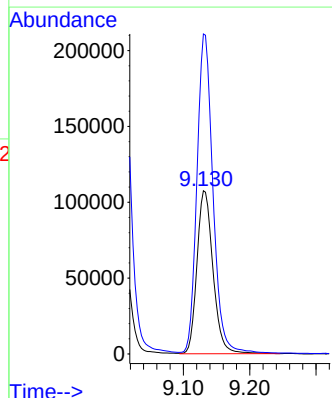
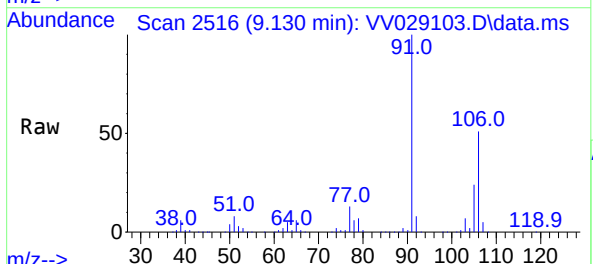
Instrument :
MSVOA_V
ClientSampleId :
H46E7

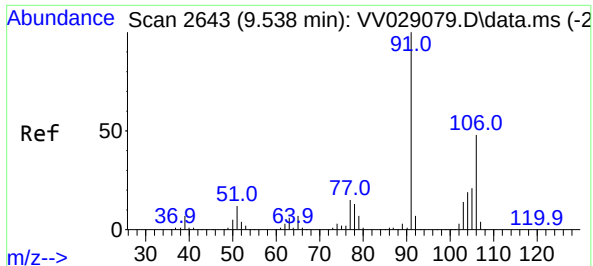
Tgt Ion: 91 Resp: 446667
Ion Ratio Lower Upper
91 100
106 31.6 21.6 40.2



#53
m,p-Xylene
Concen: 5.391 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 106 Resp: 180766
Ion Ratio Lower Upper
106 100
91 196.0 139.1 258.3

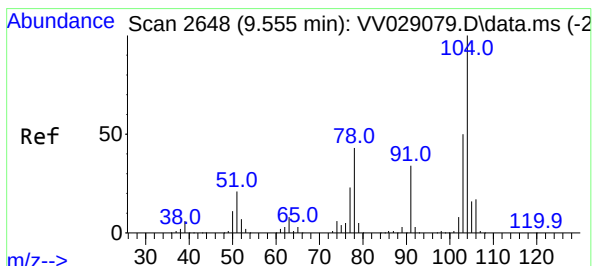
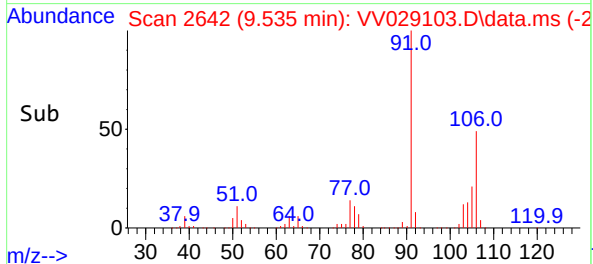
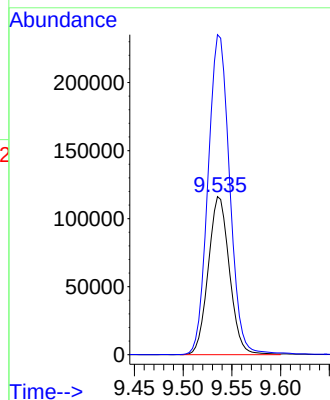
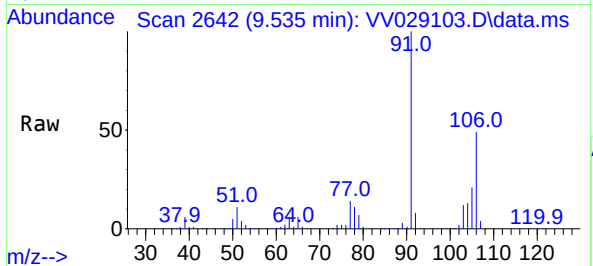




#54
o-Xylene
Concen: 5.520 ug/L
RT: 9.535 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

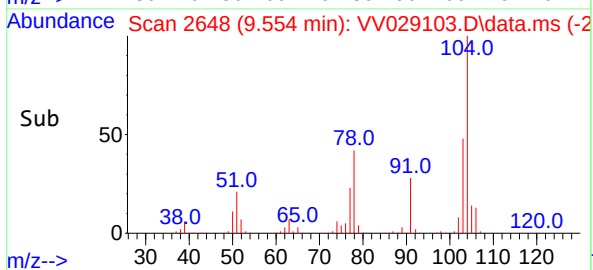
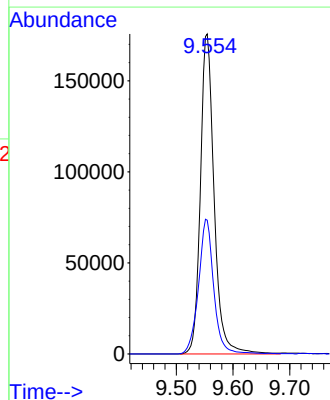
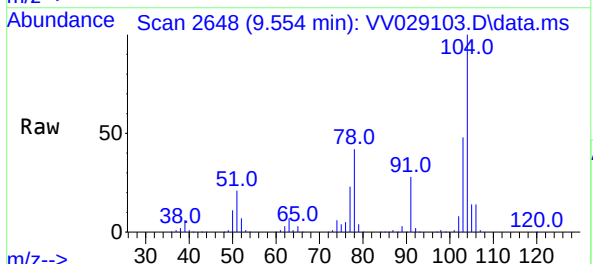
Instrument : MSVOA_V
ClientSampleId : H46E7

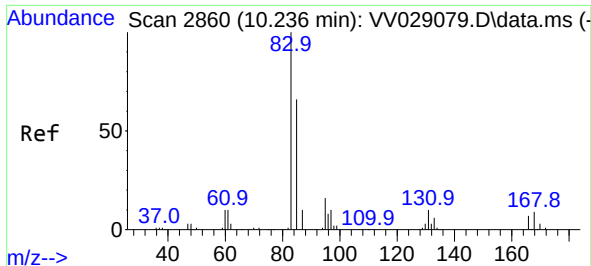
Tgt Ion:106 Resp: 175966
Ion Ratio Lower Upper
106 100
91 202.4 145.7 270.7



#55
Styrene
Concen: 5.531 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion:104 Resp: 295733
Ion Ratio Lower Upper
104 100
78 41.8 30.1 55.9

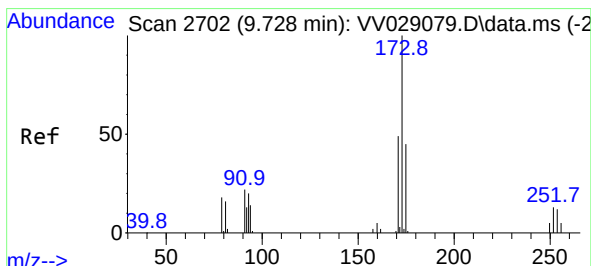
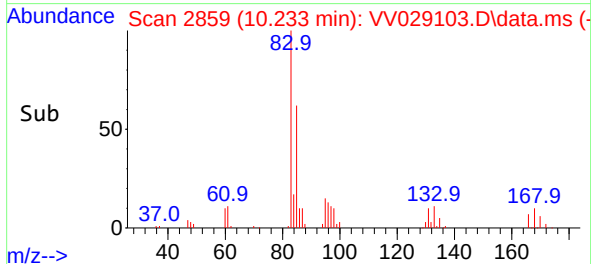
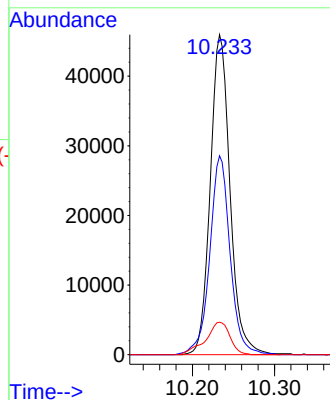
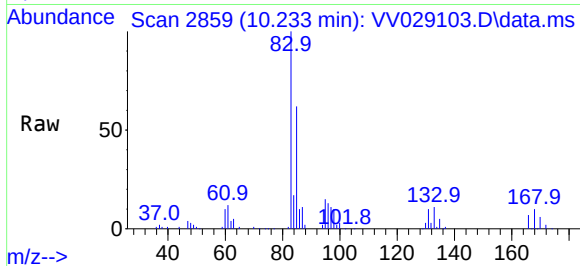




#57
1,1,2,2-Tetrachloroethane
Concen: 5.837 ug/L
RT: 10.233 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

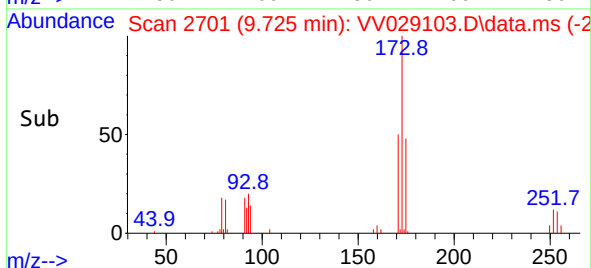
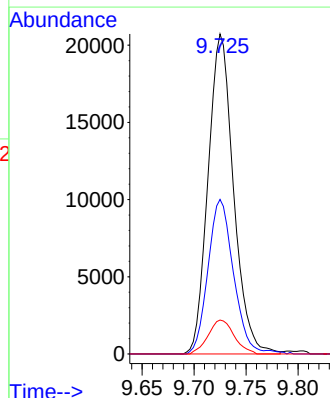
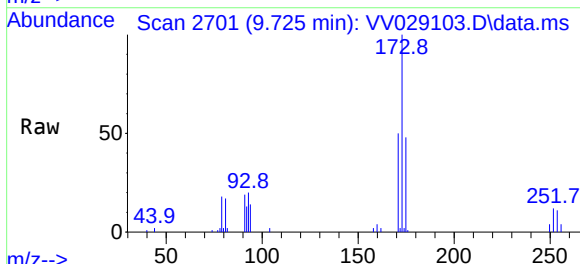
Instrument :
MSVOA_V
ClientSampleId :
H46E7

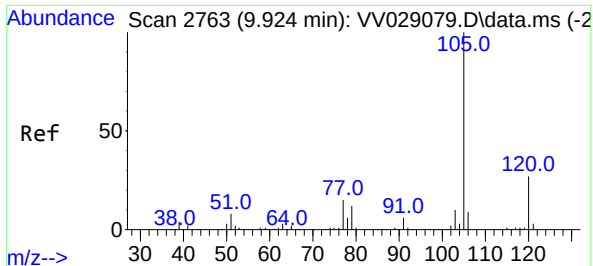
Tgt Ion: 83 Resp: 76991
Ion Ratio Lower Upper
83 100
85 62.2 45.2 84.0
131 10.2 7.5 11.3



#59
Bromoform
Concen: 5.107 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 173 Resp: 35283
Ion Ratio Lower Upper
173 100
175 48.6 38.2 57.4
254 10.8 8.5 12.7

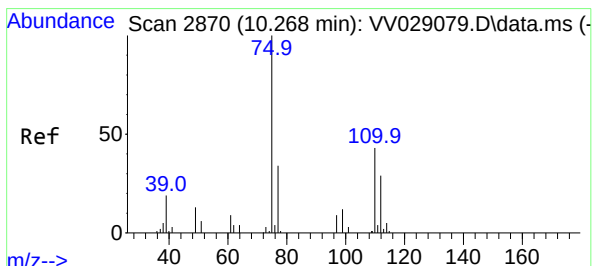
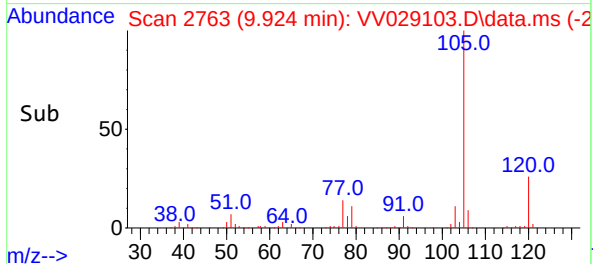
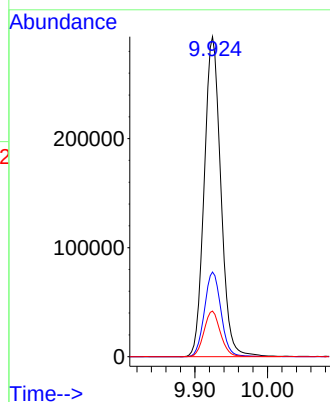
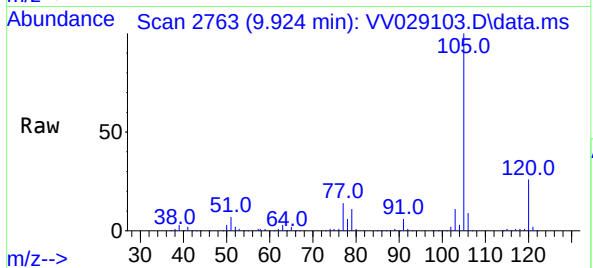




#60
Isopropylbenzene
Concen: 5.675 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

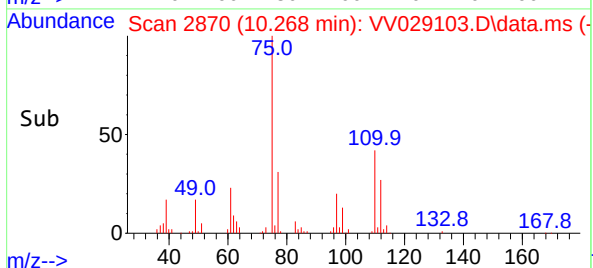
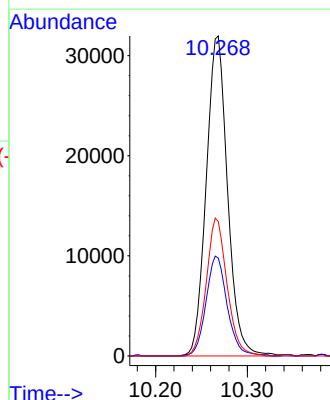
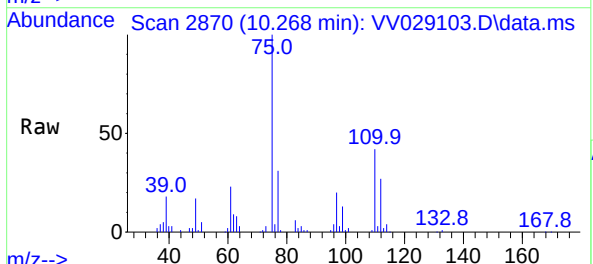
Instrument :
MSVOA_V
ClientSampleId :
H46E7

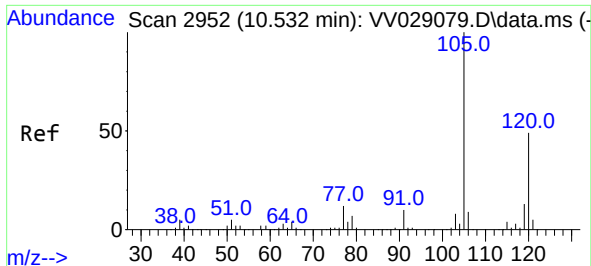
Tgt Ion:105 Resp: 466754
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 14.1 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.971 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion: 75 Resp: 51708
Ion Ratio Lower Upper
75 100
77 31.0 26.2 39.2
110 42.0 32.6 48.8

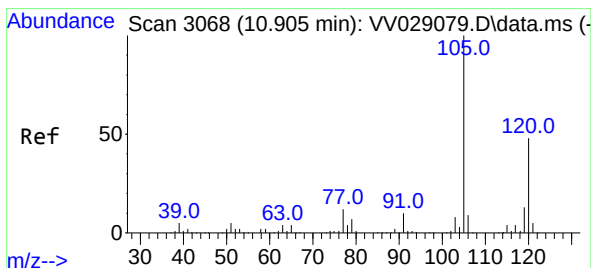
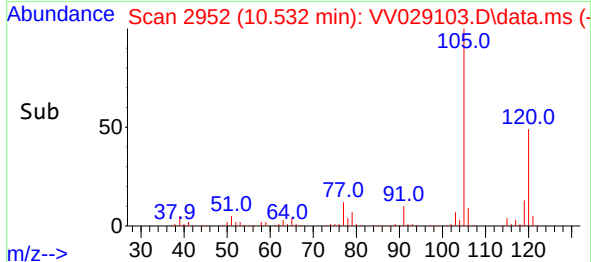
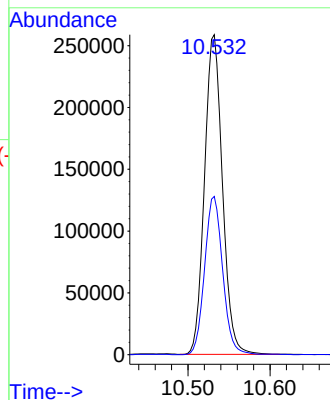
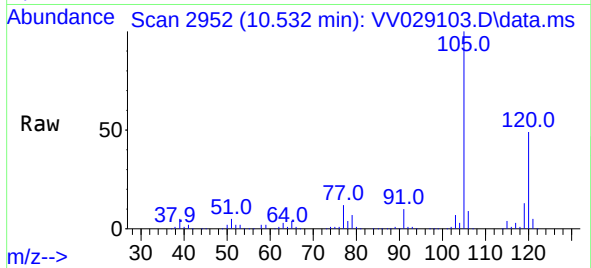




#62
1,3,5-Trimethylbenzene
Concen: 5.646 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

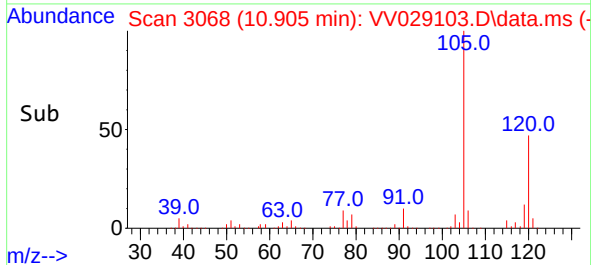
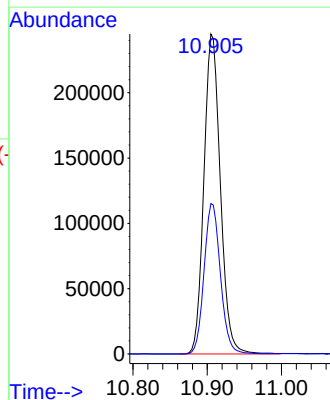
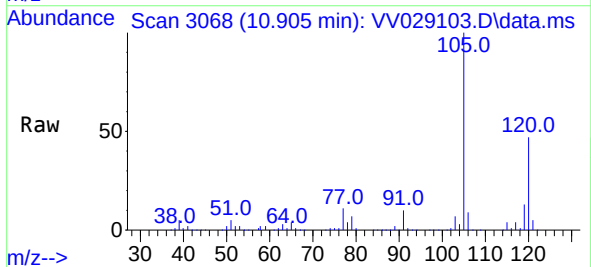
Instrument :
MSVOA_V
ClientSampleId :
H46E7

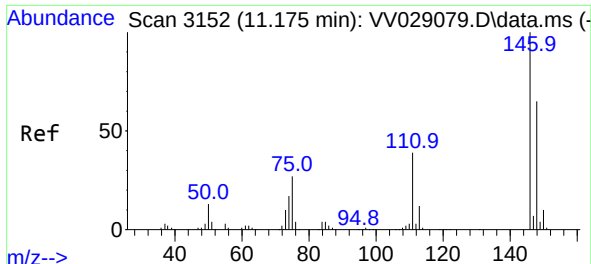
Tgt Ion:105 Resp: 393453
Ion Ratio Lower Upper
105 100
120 49.8 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 5.394 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion:105 Resp: 376497
Ion Ratio Lower Upper
105 100
120 46.8 37.8 56.8

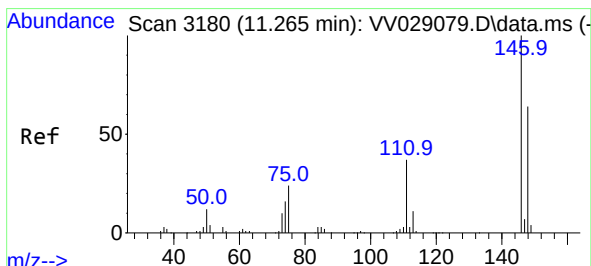
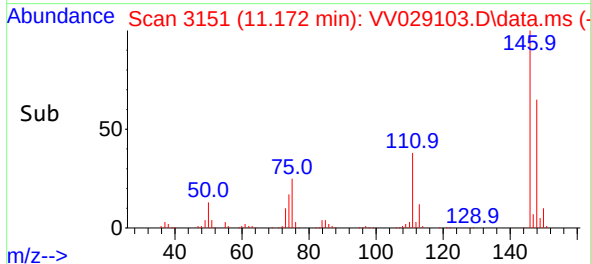
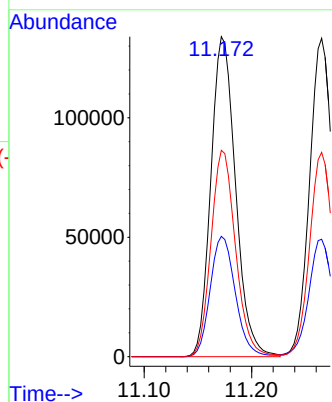
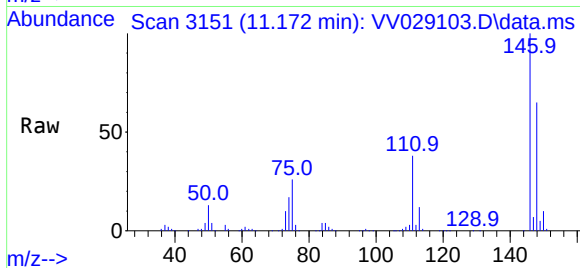




#64
1,3-Dichlorobenzene
Concen: 5.534 ug/L
RT: 11.172 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

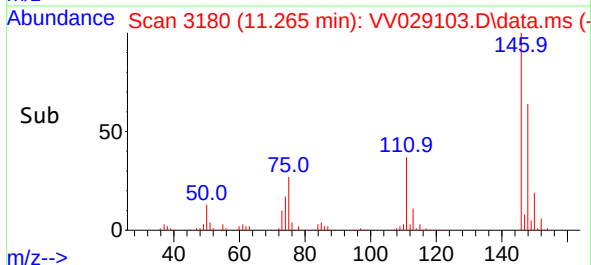
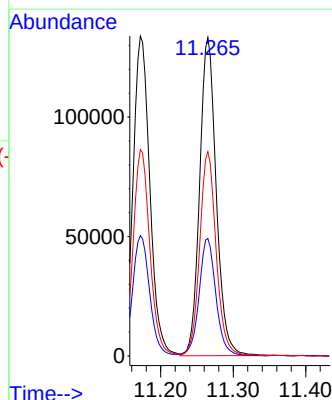
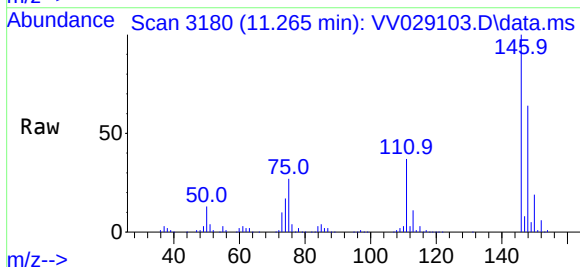
Instrument :
MSVOA_V
ClientSampleId :
H46E7

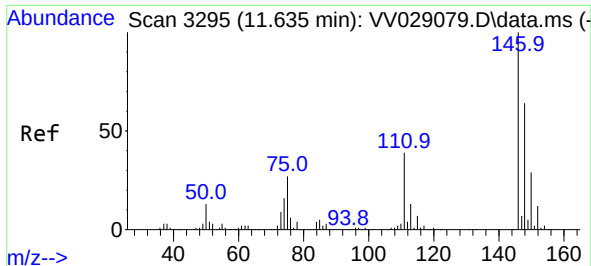
Tgt Ion:146 Resp: 213860
Ion Ratio Lower Upper
146 100
111 37.6 26.9 50.1
148 64.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.449 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion:146 Resp: 211727
Ion Ratio Lower Upper
146 100
111 36.9 26.5 49.3
148 64.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 5.704 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. -0.000 min

Lab File: VV029103.D

Acq: 18 Nov 2022 07:29

Instrument :

MSVOA_V

ClientSampleId :

H46E7

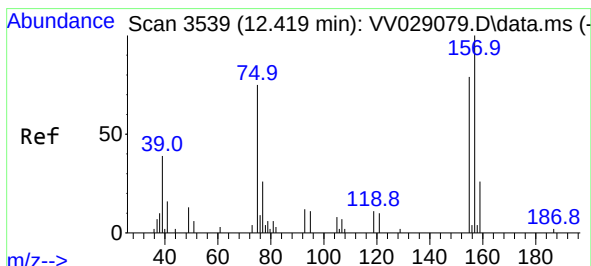
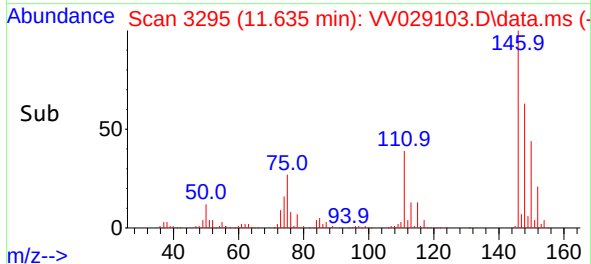
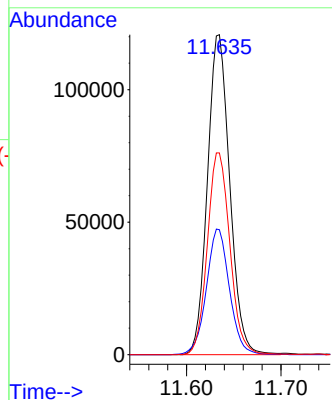
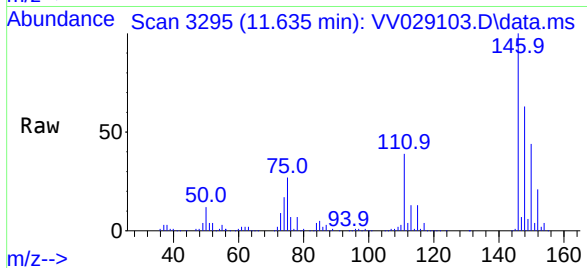
Tgt Ion:146 Resp: 198082

Ion Ratio Lower Upper

146 100

111 39.1 32.4 48.6

148 63.0 49.4 74.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.707 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VV029103.D

Acq: 18 Nov 2022 07:29

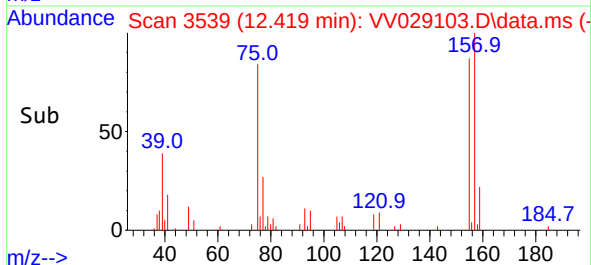
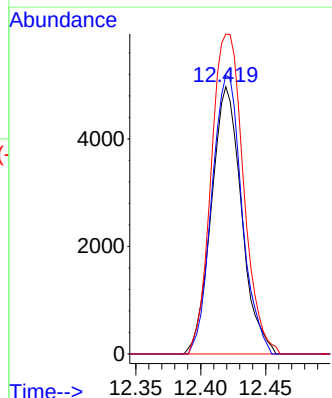
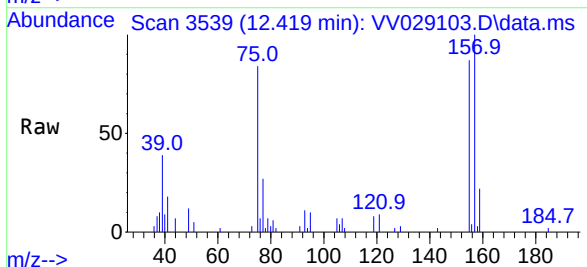
Tgt Ion: 75 Resp: 8021

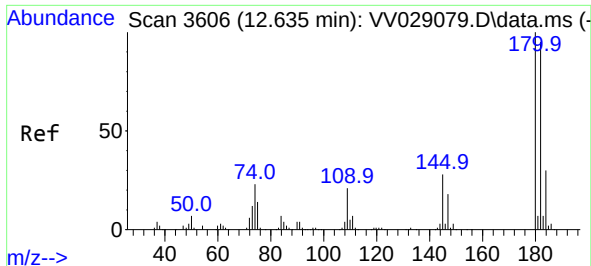
Ion Ratio Lower Upper

75 100

155 104.2 64.8 97.2#

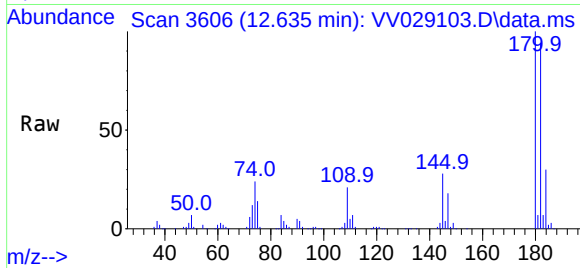
157 119.7 86.3 129.5



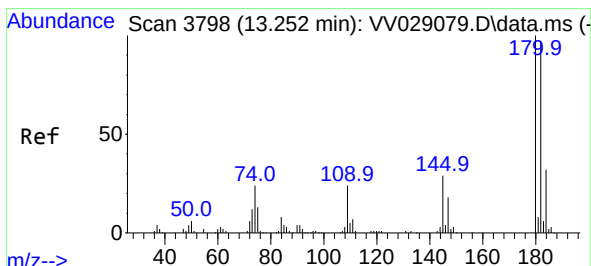
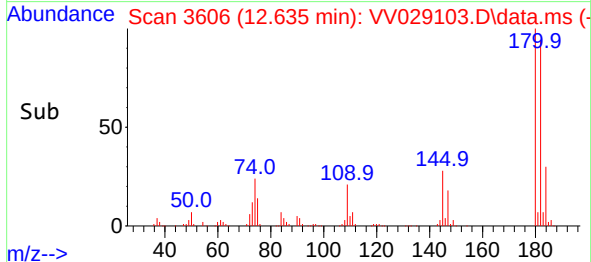
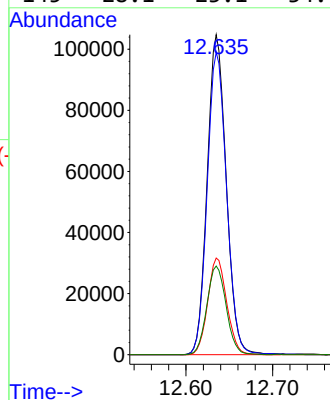


#69
 1,3,5-Trichlorobenzene
 Concen: 5.371 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. -0.000 min
 Lab File: VV029103.D
 Acq: 18 Nov 2022 07:29

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E7

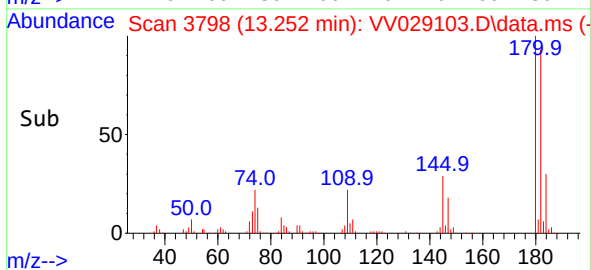
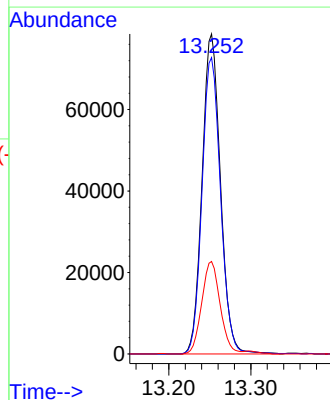
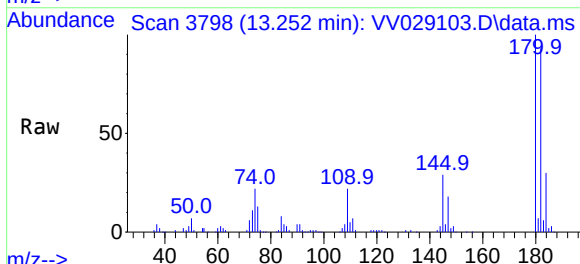


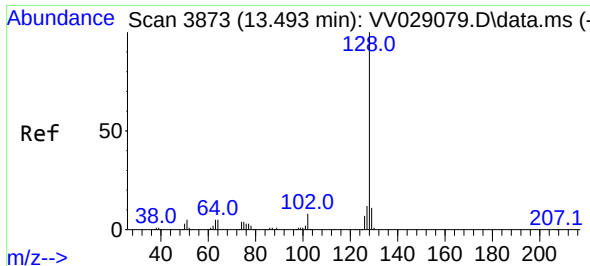
Tgt Ion:180 Resp: 160138
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.7 115.1
 184 30.2 24.0 36.0
 145 28.1 23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.403 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. -0.000 min
 Lab File: VV029103.D
 Acq: 18 Nov 2022 07:29

Tgt Ion:180 Resp: 121852
 Ion Ratio Lower Upper
 180 100
 182 93.8 74.3 111.5
 145 29.1 23.7 35.5

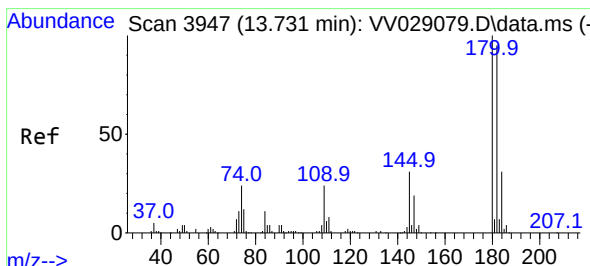
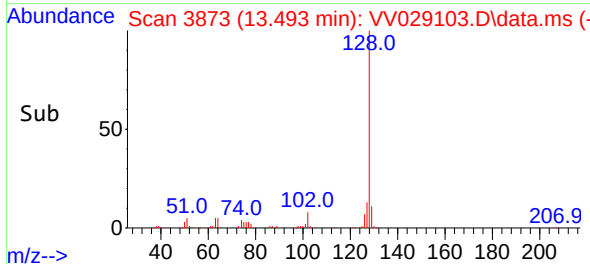
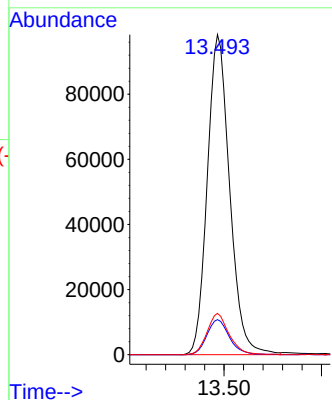
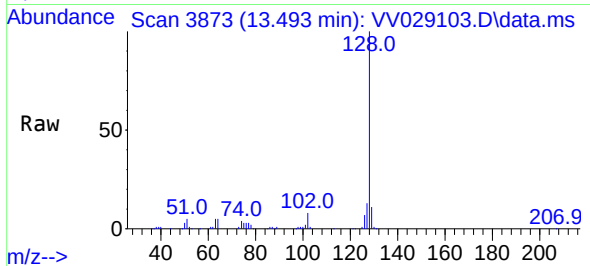




#71
Naphthalene
Concen: 5.375 ug/L
RT: 13.493 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Instrument :
MSVOA_V
ClientSampleId :
H46E7

Tgt Ion:128 Resp: 156412
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.587 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VV029103.D
Acq: 18 Nov 2022 07:29

Tgt Ion:180 Resp: 106725
Ion Ratio Lower Upper
180 100
182 93.8 75.4 113.2
145 29.5 24.9 37.3

