

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028333.D
 Acq On : 04 Oct 2022 17:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:25:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	200107	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	198448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	110033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	62667	4.168	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.561	69	57571	4.523	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.101	63	127757	4.508	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.200%	
20) 2-Butanone-d5	3.902	46	152102	59.789	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.580%	
24) Chloroform-d	4.339	84	132344	4.859	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.024	65	62740	4.968	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.040	84	269663	4.954	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.063	67	80969	5.185	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.600%	
41) Toluene-d8	7.310	98	248905	4.972	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
43) trans-1,3-Dichloroprop...	7.619	79	29932	5.032	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.600%	
46) 2-Hexanone-d5	8.085	63	135282	55.570	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.140%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	62447	5.275	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.600%	
66) 1,2-Dichlorobenzene-d4	11.619	152	90529	4.781	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	88041	5.470	ug/L	92
3) Chloromethane	1.237	50	80572	5.282	ug/L	95
5) Vinyl chloride	1.304	62	95003	5.531	ug/L	99
6) Bromomethane	1.516	94	37688	4.620	ug/L	98
8) Chloroethane	1.577	64	67287	5.878	ug/L	87
9) Trichlorofluoromethane	1.745	101	137048	5.310	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	80324	5.565	ug/L	98
12) 1,1-Dichloroethene	2.111	96	75720	5.275	ug/L #	70
13) Acetone	2.201	43	101844	60.966	ug/L	97
14) Carbon disulfide	2.285	76	233780	5.228	ug/L	99
15) Methyl Acetate	2.442	43	25571	5.624	ug/L #	83
16) Methylene chloride	2.497	84	88353	5.468	ug/L	88
17) Methyl tert-butyl Ether	2.764	73	159171	5.400	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	83000	5.552	ug/L	96
19) 1,1-Dichloroethane	3.179	63	145794	5.726	ug/L	98
21) 2-Butanone	3.982	43	155729	61.408	ug/L	97
22) cis-1,2-Dichloroethene	3.899	96	83549	5.549	ug/L	94
23) Bromochloromethane	4.236	128	37812	5.670	ug/L	89
25) Chloroform	4.365	83	154282	5.525	ug/L	99

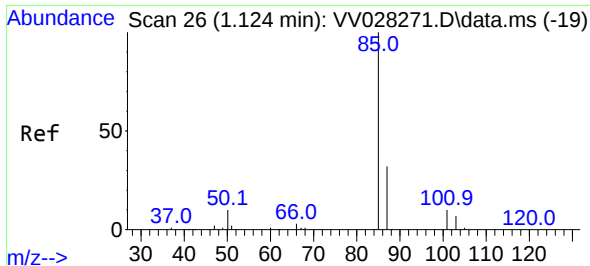
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	78609	5.254	ug/L #	93
29) 1,1,1-Trichloroethane	4.596	97	130960	5.350	ug/L	98
30) Cyclohexane	4.667	56	118730	5.630	ug/L	93
31) Carbon tetrachloride	4.818	117	114284	5.204	ug/L	100
33) Benzene	5.088	78	334965	5.670	ug/L	100
34) Trichloroethene	5.905	95	82569	5.582	ug/L	95
35) Methylcyclohexane	6.124	83	128982	5.341	ug/L	97
37) 1,2-Dichloropropane	6.166	63	79956	5.844	ug/L	98
38) Bromodichloromethane	6.503	83	99814	5.290	ug/L #	96
39) cis-1,3-Dichloropropene	7.021	75	106652	5.461	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	371484	59.097	ug/L	95
42) Toluene	7.381	91	358684	5.770	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	87131	5.252	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	56834	5.601	ug/L	97
47) Tetrachloroethene	7.969	164	70810	5.478	ug/L	97
48) 2-Hexanone	8.137	43	278613	63.283	ug/L	95
49) Dibromochloromethane	8.239	129	66266	5.159	ug/L	100
50) 1,2-Dibromoethane	8.349	107	51457	5.635	ug/L	98
51) Chlorobenzene	8.876	112	224492	5.430	ug/L	99
52) Ethylbenzene	9.008	91	360591	5.520	ug/L	99
53) m,p-Xylene	9.133	106	142083	5.456	ug/L	100
54) o-Xylene	9.538	106	137302	5.574	ug/L	96
55) Styrene	9.555	104	243326	5.748	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	65365	5.677	ug/L	99
59) Bromoform	9.728	173	36483	5.034	ug/L	98
60) Isopropylbenzene	9.927	105	365673	5.431	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	45484	5.357	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	98106	5.128	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	283187	5.223	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	184575	5.580	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	184786	5.579	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	167542	5.585	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	9723	5.028	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	142584	5.450	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	111595	5.597	ug/L	100
71) Naphthalene	13.496	128	156703	5.032	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	97130	5.404	ug/L	99

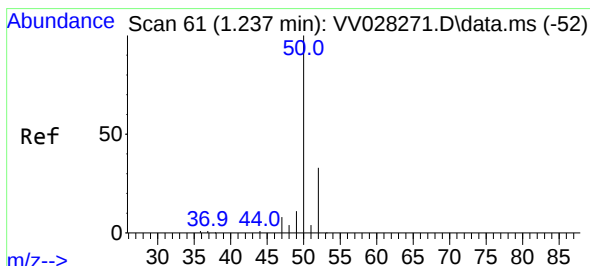
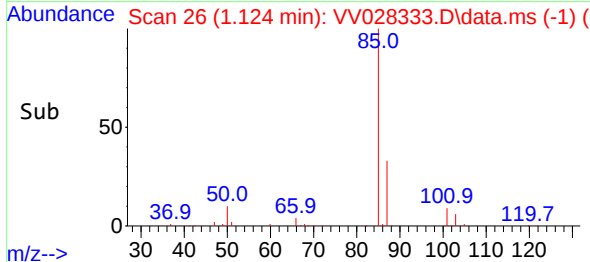
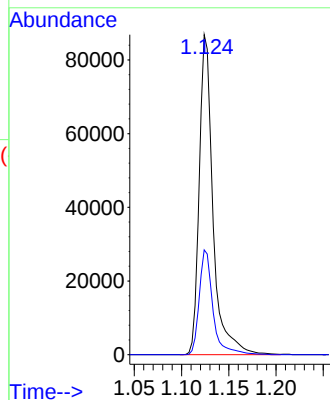
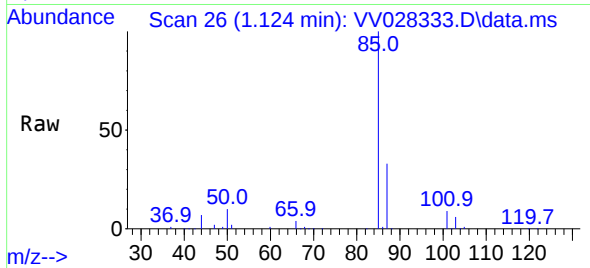
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#2
 Dichlorodifluoromethane
 Concen: 5.470 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028333.D
 Acq: 04 Oct 2022 17:56

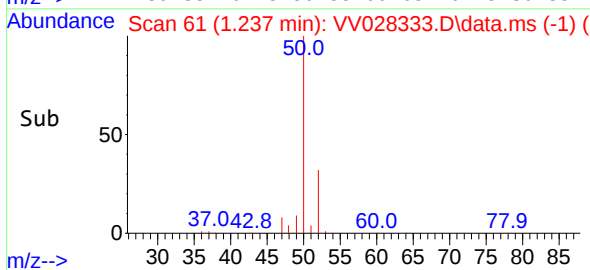
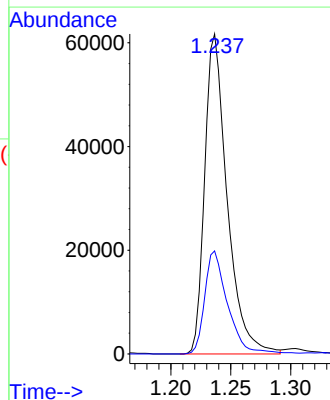
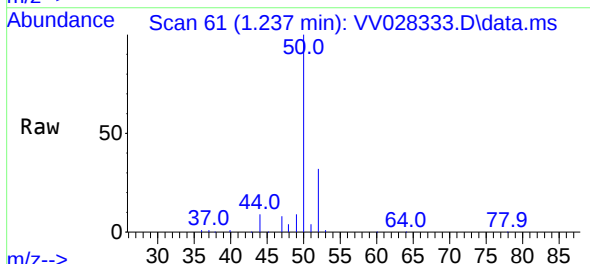
Instrument :
 MSVOA_V
 ClientSampleId :

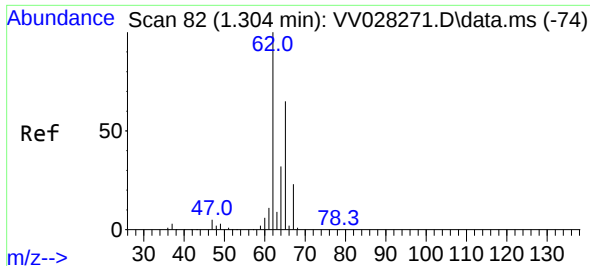
Tgt Ion: 85 Resp: 88041
 Ion Ratio Lower Upper
 85 100
 87 32.6 22.8 34.2



#3
 Chloromethane
 Concen: 5.282 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028333.D
 Acq: 04 Oct 2022 17:56

Tgt Ion: 50 Resp: 80572
 Ion Ratio Lower Upper
 50 100
 52 32.2 24.4 45.2

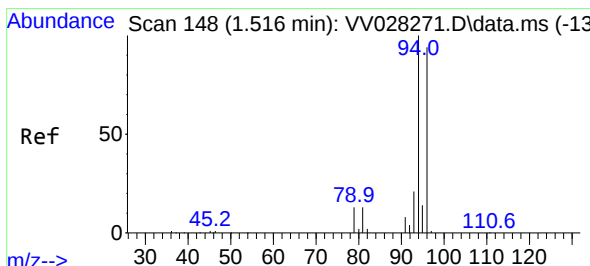
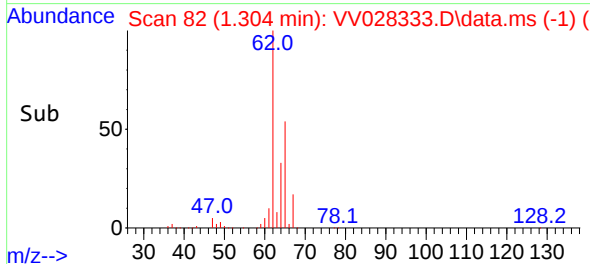
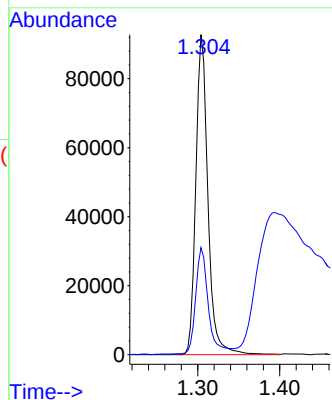
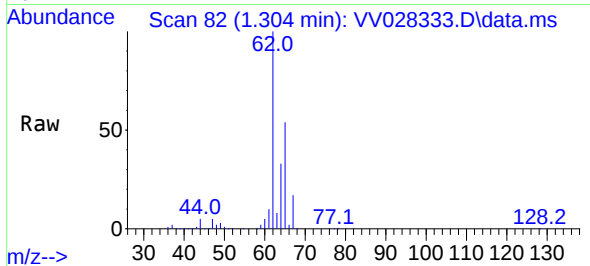




#5
 Vinyl chloride
 Concen: 5.531 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028333.D
 Acq: 04 Oct 2022 17:56

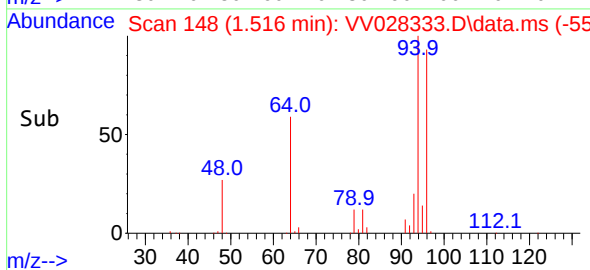
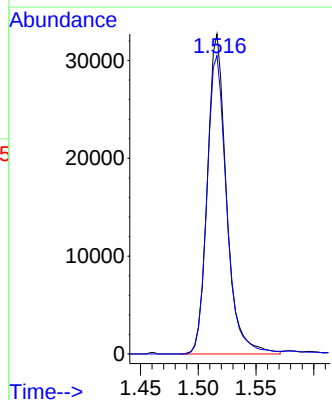
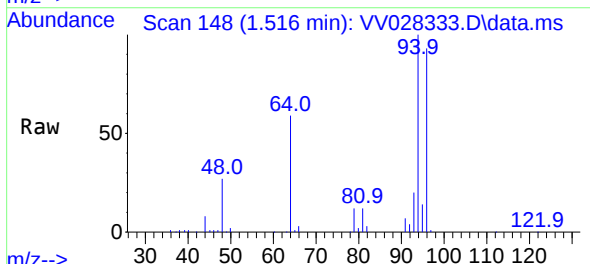
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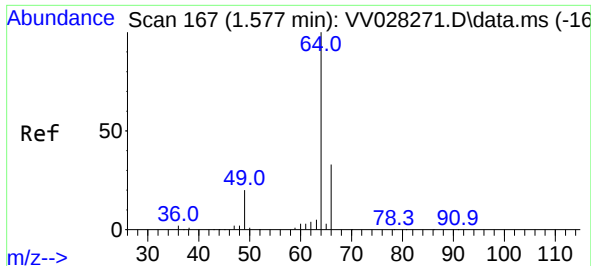
Tgt Ion: 62 Resp: 95003
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.0 42.8



#6
 Bromomethane
 Concen: 4.620 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028333.D
 Acq: 04 Oct 2022 17:56

Tgt Ion: 94 Resp: 37688
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.7 123.9

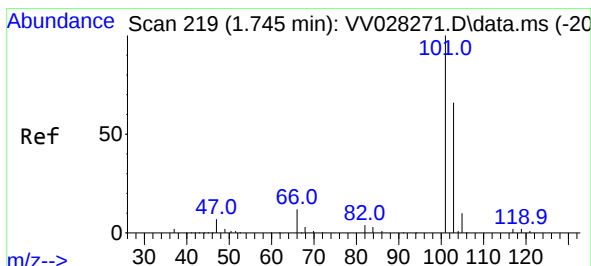
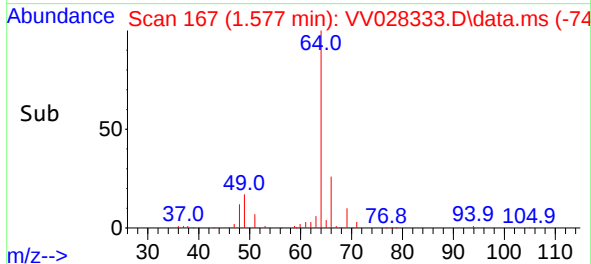
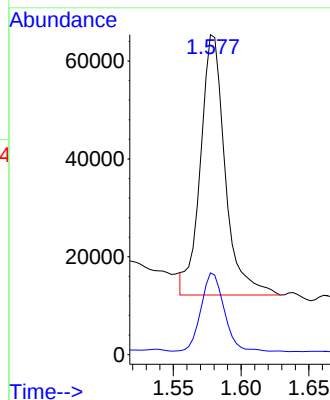
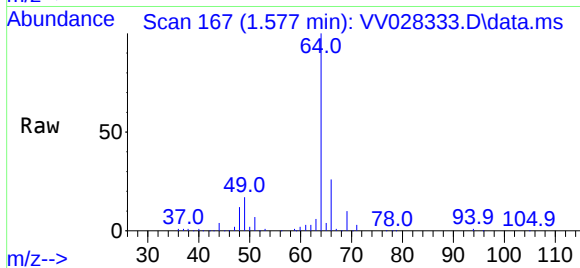




#8
Chloroethane
Concen: 5.878 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

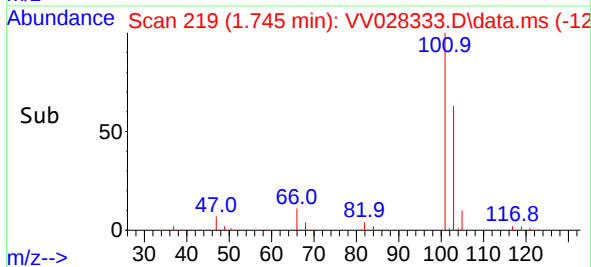
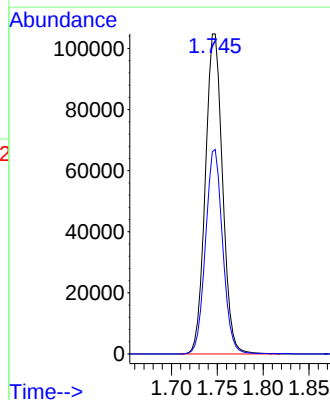
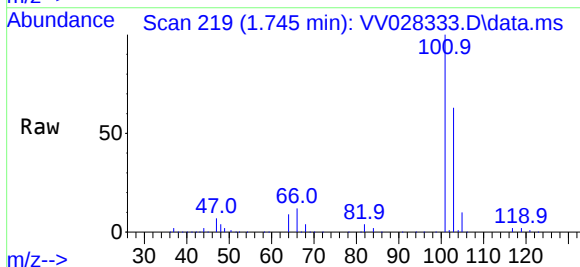
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ClientSampleId :

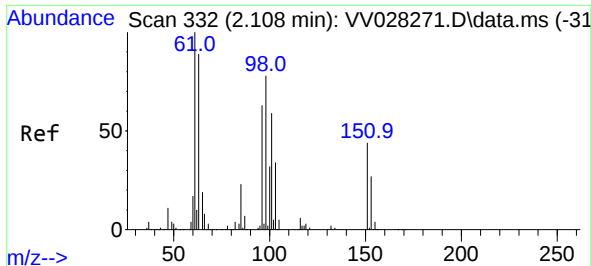
Tgt Ion: 64 Resp: 67287
Ion Ratio Lower Upper
64 100
66 25.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.310 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Tgt Ion:101 Resp: 137048
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0

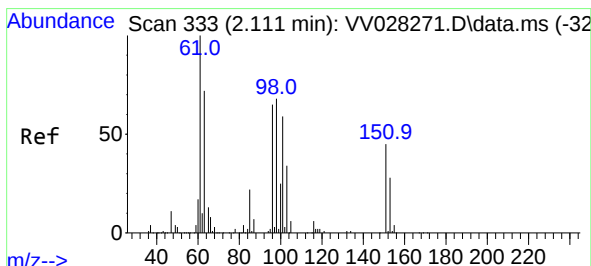
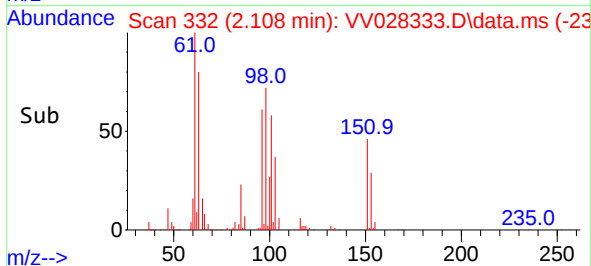
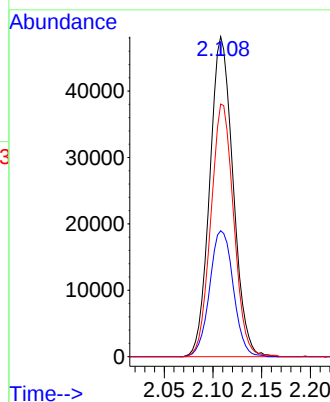
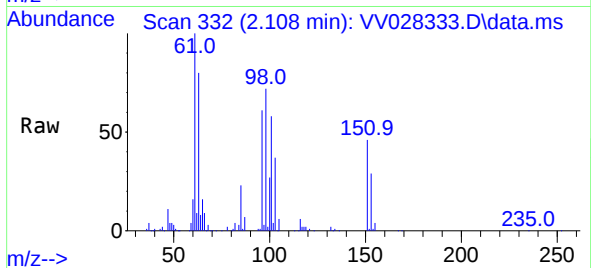




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.565 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV028333.D
 Acq: 04 Oct 2022 17:56

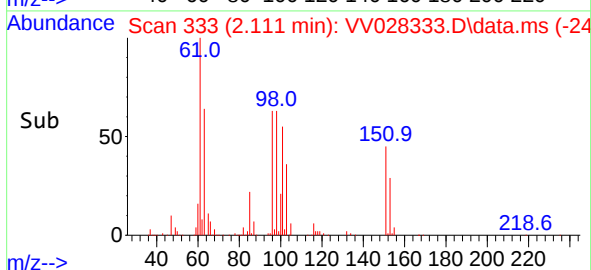
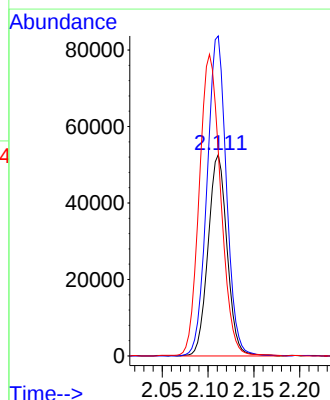
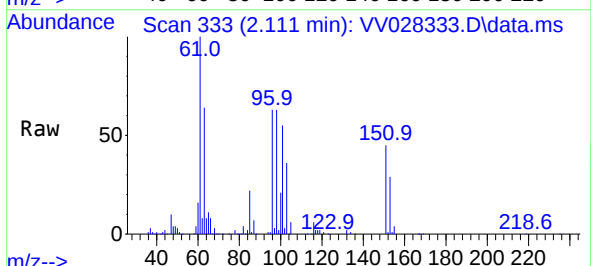
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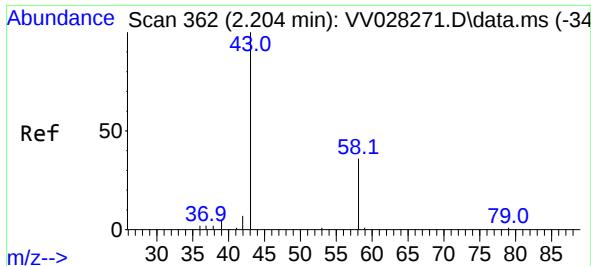
Tgt Ion:101 Resp: 80324
 Ion Ratio Lower Upper
 101 100
 85 39.9 34.4 51.6
 151 77.4 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 5.275 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028333.D
 Acq: 04 Oct 2022 17:56

Tgt Ion: 96 Resp: 75720
 Ion Ratio Lower Upper
 96 100
 61 159.0 128.3 238.3
 63 101.8 112.7 209.3#





#13

Acetone

Concen: 60.966 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.026 min

Lab File: VV028333.D

Acq: 04 Oct 2022 17:56

Instrument :

MSVOA_V

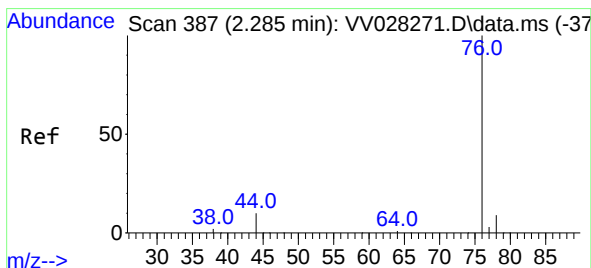
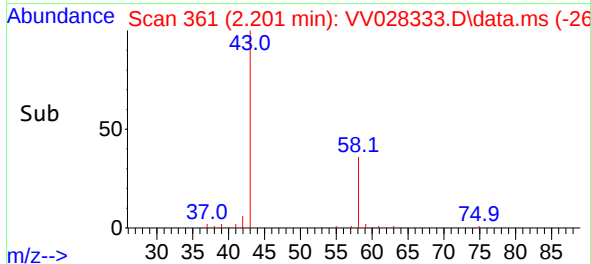
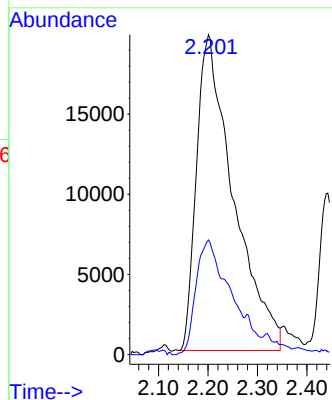
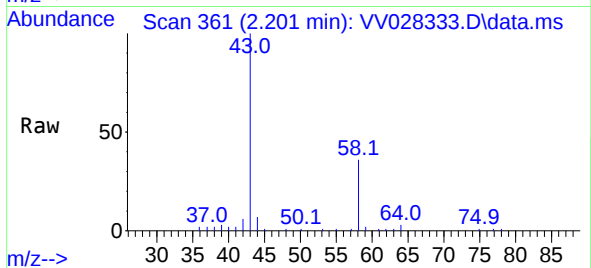
ClientSampleId :

Tgt Ion: 43 Resp: 101844

Ion Ratio Lower Upper

43 100

58 31.1 0.0 65.6



#14

Carbon disulfide

Concen: 5.228 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV028333.D

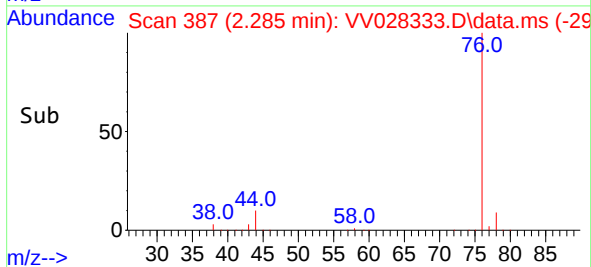
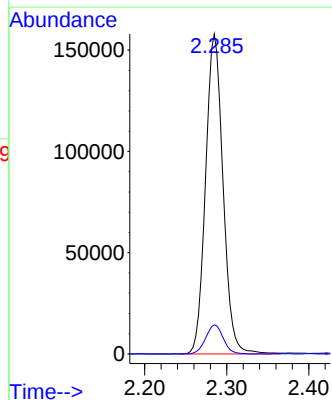
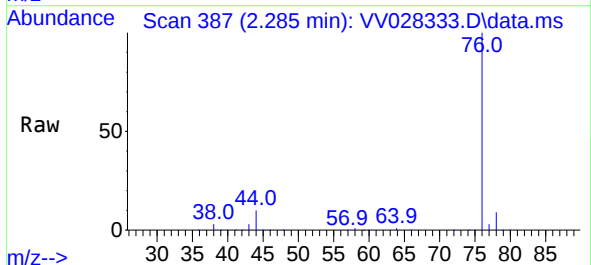
Acq: 04 Oct 2022 17:56

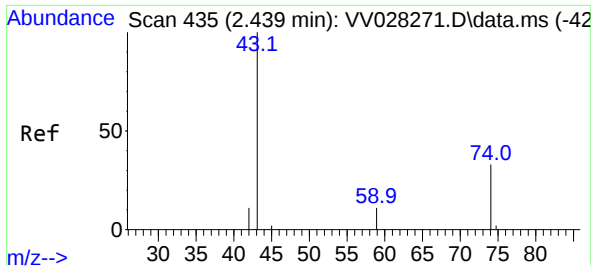
Tgt Ion: 76 Resp: 233780

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4

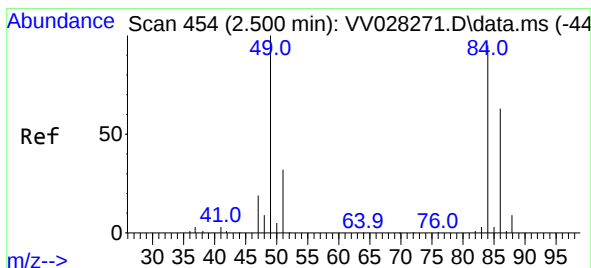
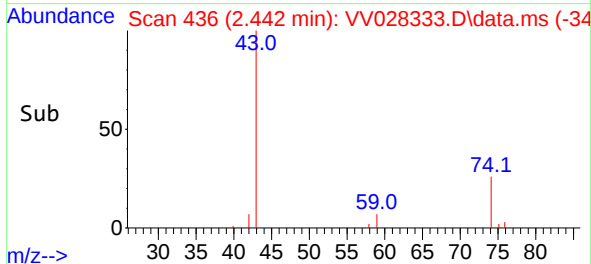
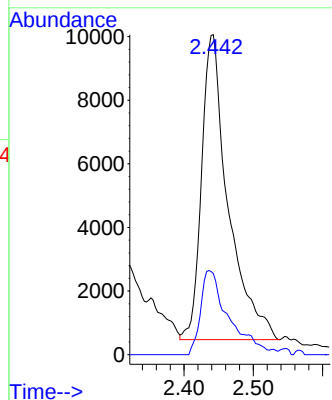
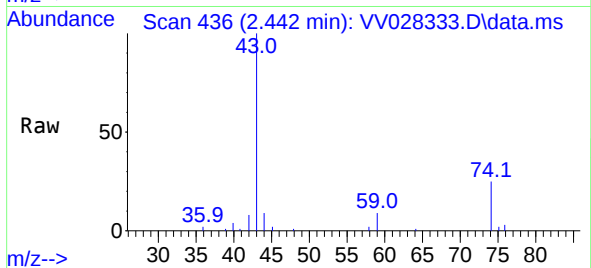




#15
Methyl Acetate
Concen: 5.624 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

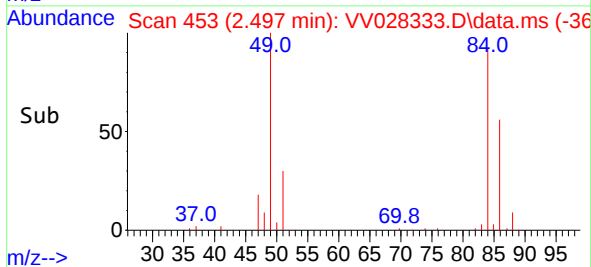
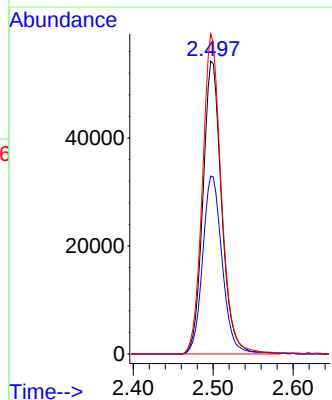
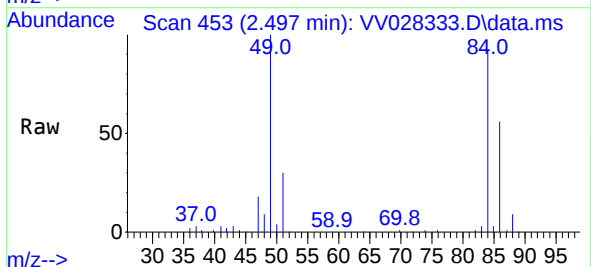
Instrument :
MSVOA_V
ClientSampleId :

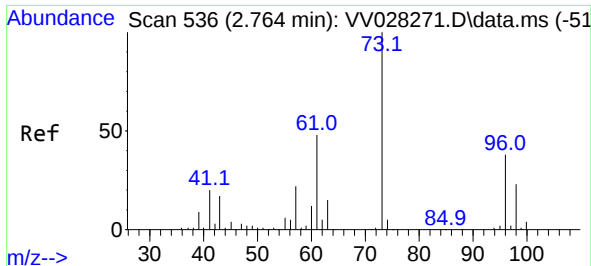
Tgt Ion: 43 Resp: 25571
Ion Ratio Lower Upper
43 100
74 29.0 16.9 25.3#



#16
Methylene chloride
Concen: 5.468 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

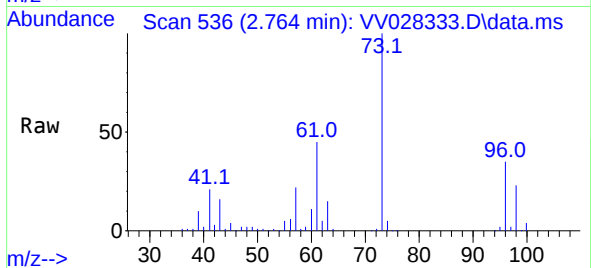
Tgt Ion: 84 Resp: 88353
Ion Ratio Lower Upper
84 100
86 60.7 46.8 86.8
49 109.3 87.5 162.5



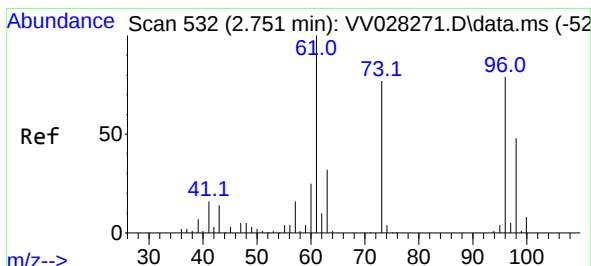
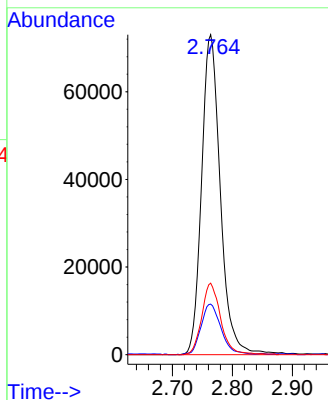
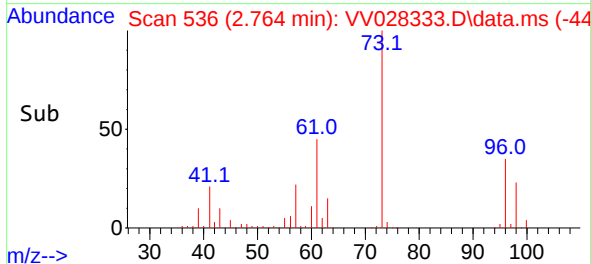


#17
Methyl tert-butyl Ether
Concen: 5.400 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

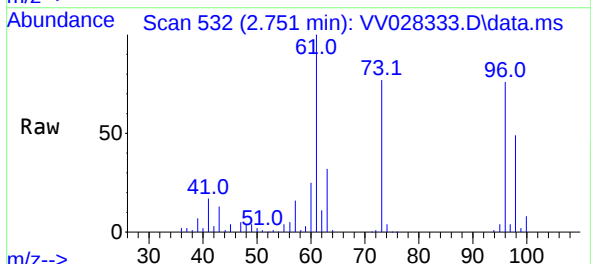
Instrument :
MSVOA_V
ClientSampleId :



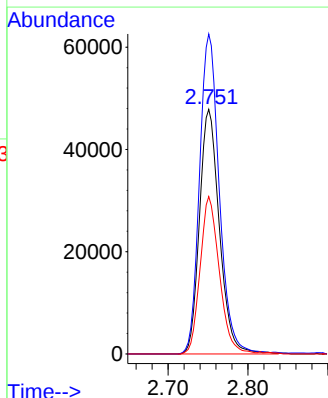
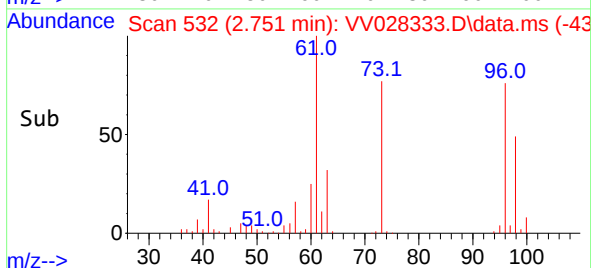
Tgt Ion: 73 Resp: 159171
Ion Ratio Lower Upper
73 100
43 16.9 15.7 23.5
57 22.4 17.8 26.8

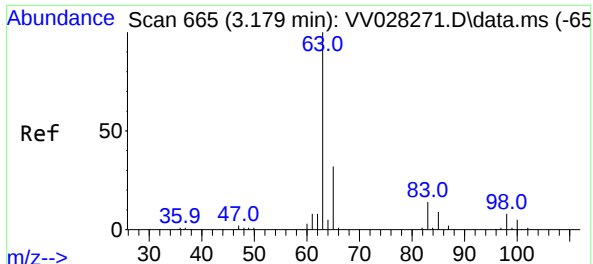


#18
trans-1,2-Dichloroethene
Concen: 5.552 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56



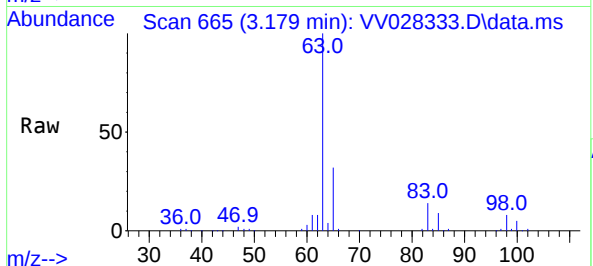
Tgt Ion: 96 Resp: 83000
Ion Ratio Lower Upper
96 100
61 130.8 96.2 178.6
98 64.3 45.7 84.9





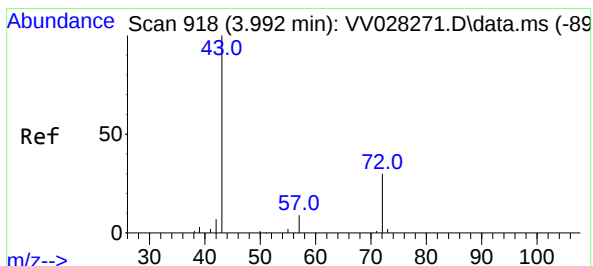
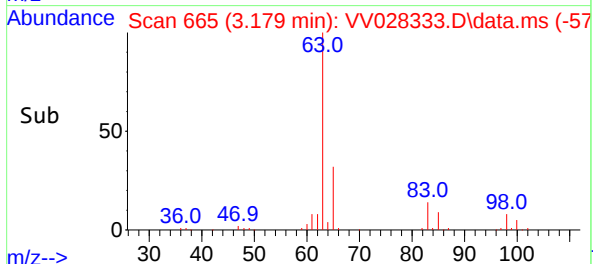
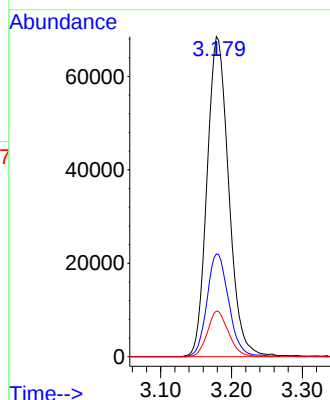
#19
1,1-Dichloroethane
Concen: 5.726 ug/L
RT: 3.179 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 145794

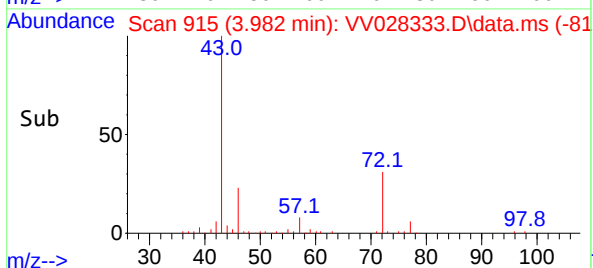
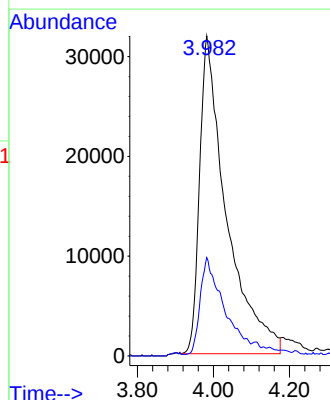
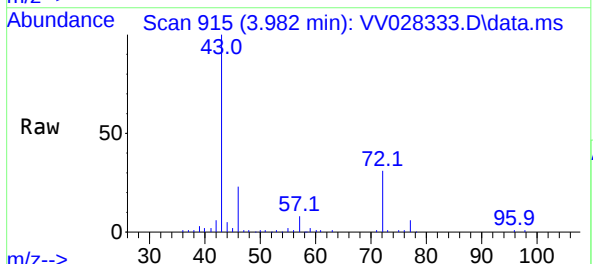
Ion	Ratio	Lower	Upper
63	100		
65	32.1	23.0	42.8
83	14.2	9.2	17.2

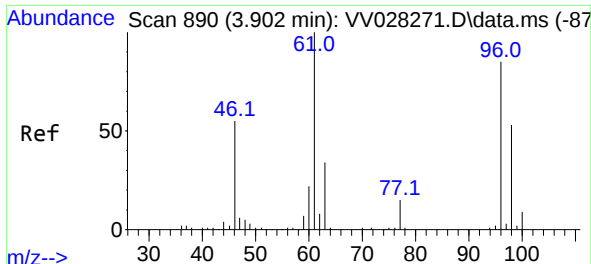


#21
2-Butanone
Concen: 61.408 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.013 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Tgt Ion: 43 Resp: 155729

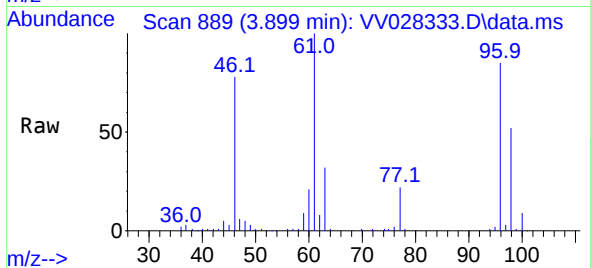
Ion	Ratio	Lower	Upper
43	100		
72	26.7	12.7	38.1



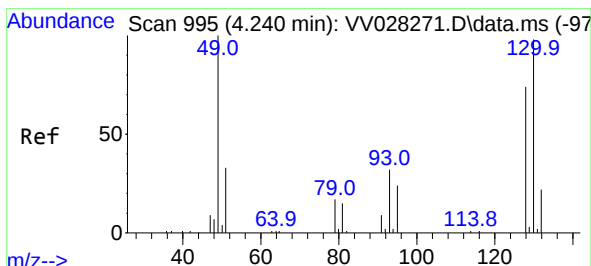
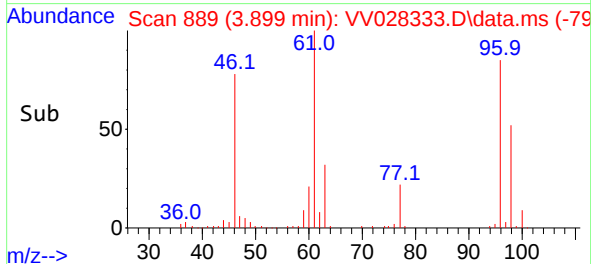
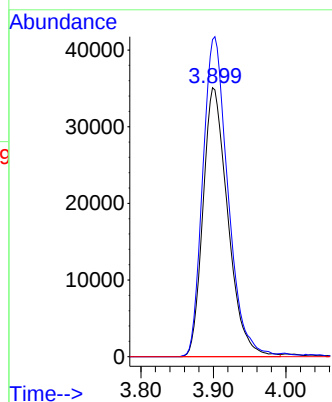


#22
 cis-1,2-Dichloroethene
 Concen: 5.549 ug/L
 RT: 3.899 min Scan# 890
 Delta R.T. -0.006 min
 Lab File: VV028333.D
 Acq: 04 Oct 2022 17:56

Instrument :
 MSVOA_V
 ClientSampleId :

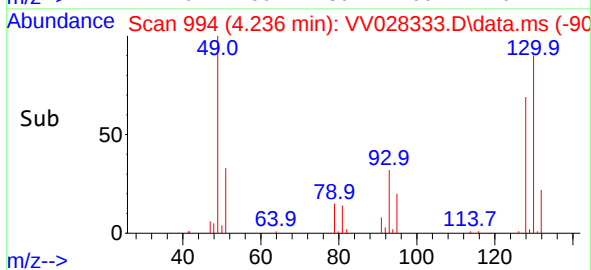
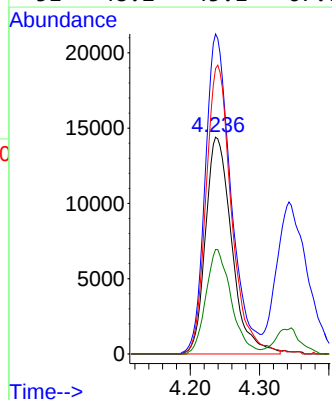
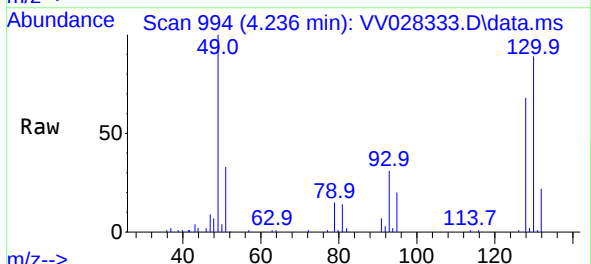


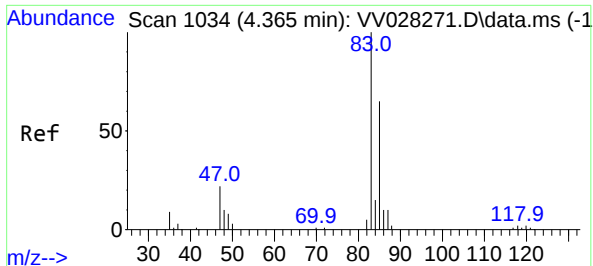
Tgt Ion: 96 Resp: 83549
 Ion Ratio Lower Upper
 96 100
 61 117.9 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.670 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.003 min
 Lab File: VV028333.D
 Acq: 04 Oct 2022 17:56

Tgt Ion: 128 Resp: 37812
 Ion Ratio Lower Upper
 128 100
 49 147.6 119.9 222.7
 130 131.7 94.6 175.8
 51 48.2 45.1 67.7

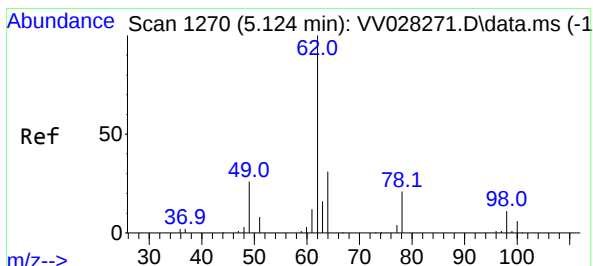
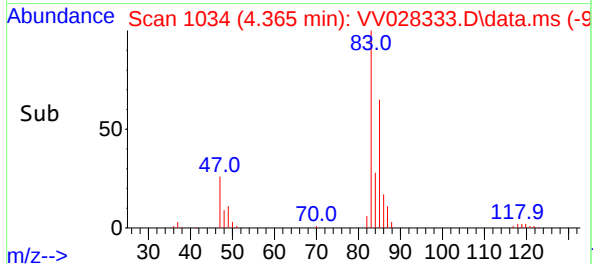
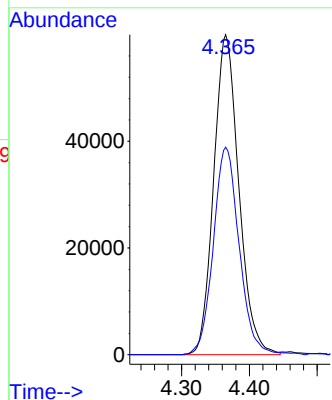
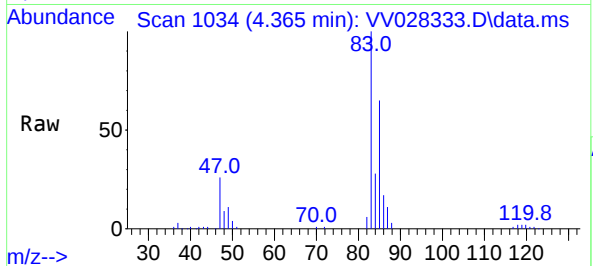




#25
Chloroform
Concen: 5.525 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

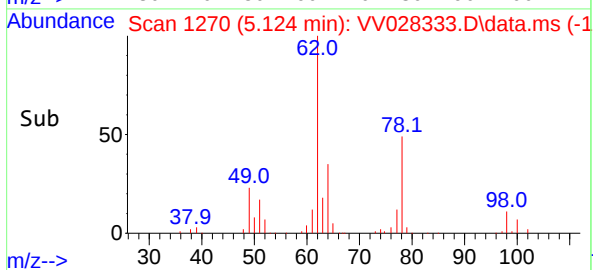
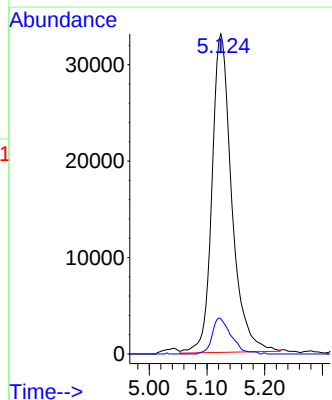
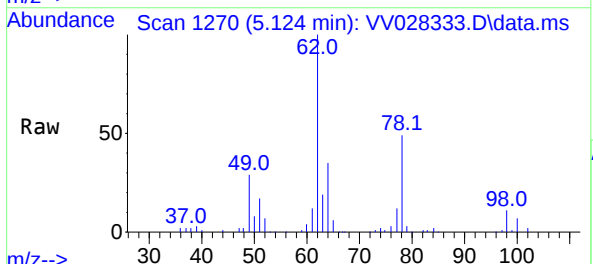
Instrument :
MSVOA_V
ClientSampleId :

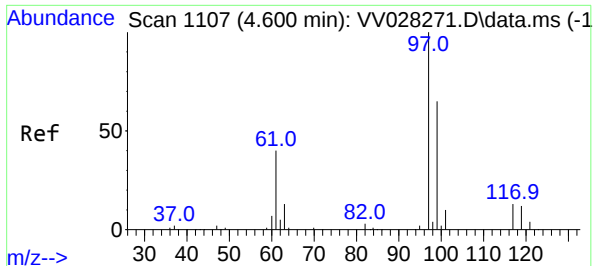
Tgt Ion: 83 Resp: 154282
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 5.254 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Tgt Ion: 62 Resp: 78609
Ion Ratio Lower Upper
62 100
98 11.0 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 5.350 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV028333.D

Acq: 04 Oct 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

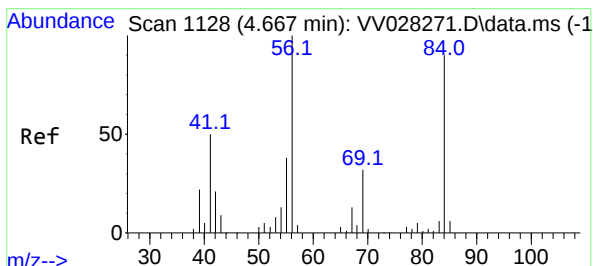
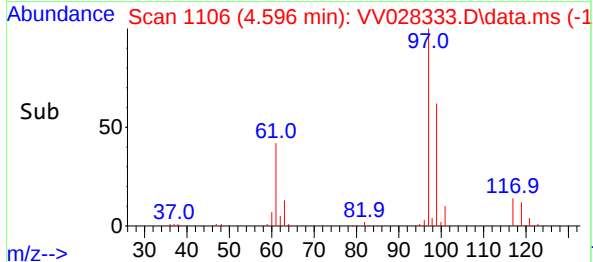
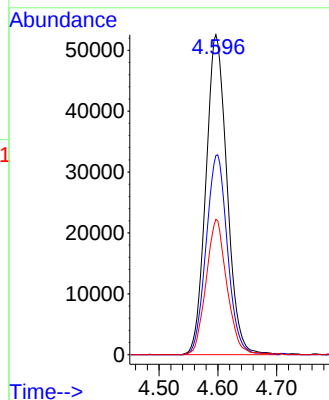
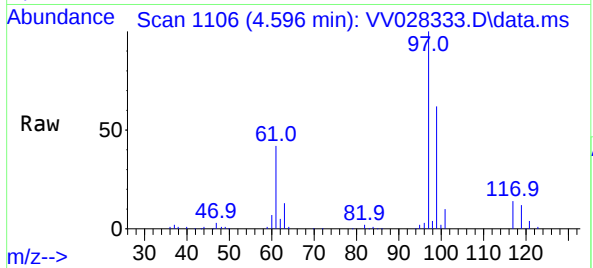
Tgt Ion: 97 Resp: 130960

Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 41.6 34.8 52.2



#30

Cyclohexane

Concen: 5.630 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV028333.D

Acq: 04 Oct 2022 17:56

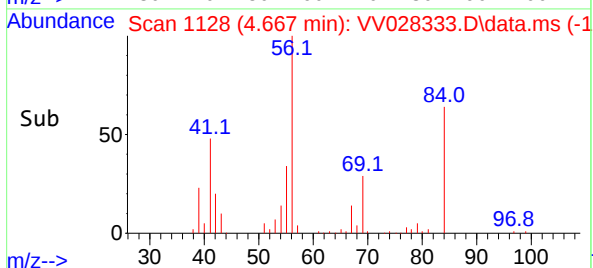
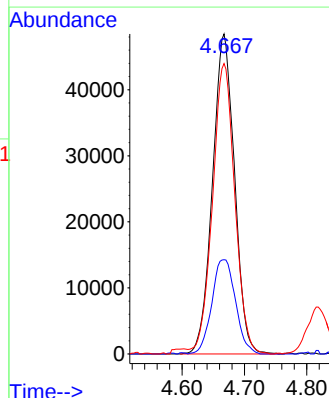
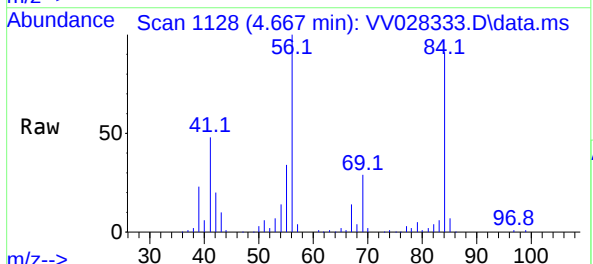
Tgt Ion: 56 Resp: 118730

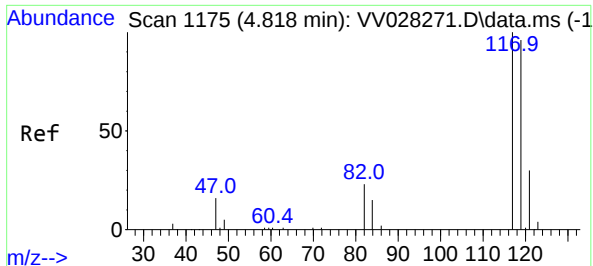
Ion Ratio Lower Upper

56 100

69 31.7 23.7 35.5

84 91.9 67.3 100.9

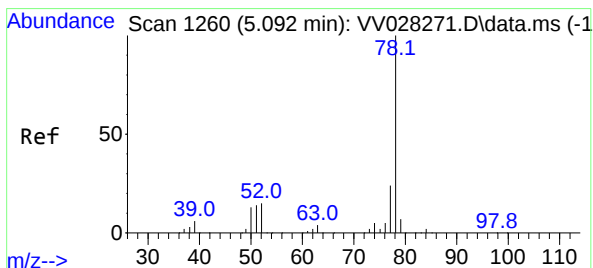
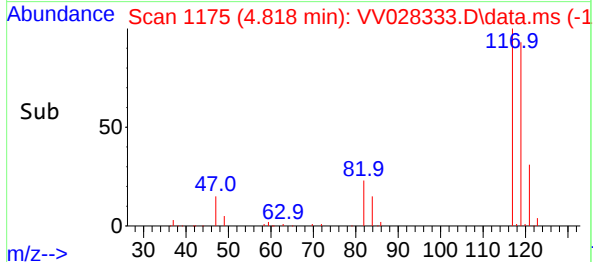
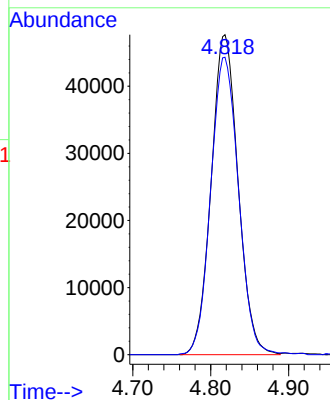
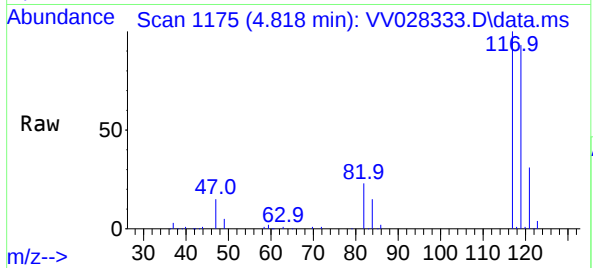




#31
Carbon tetrachloride
Concen: 5.204 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

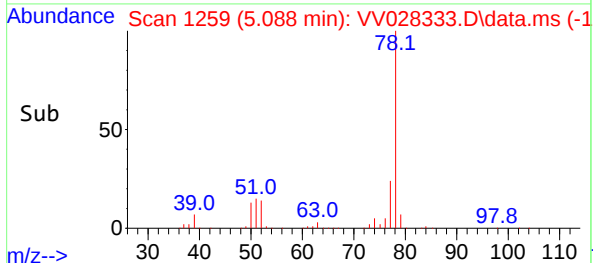
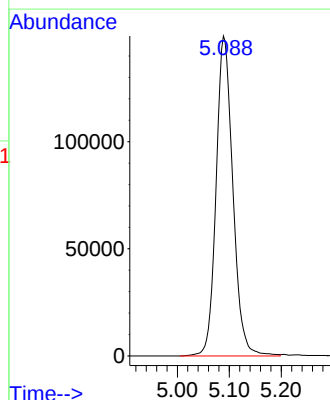
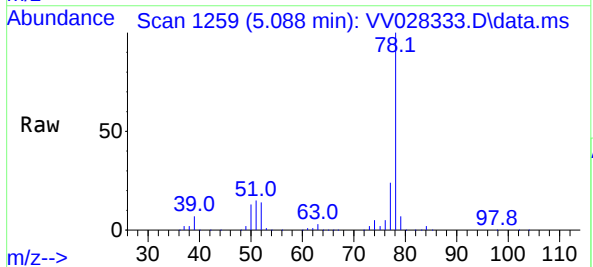
Instrument :
MSVOA_V
ClientSampleId :

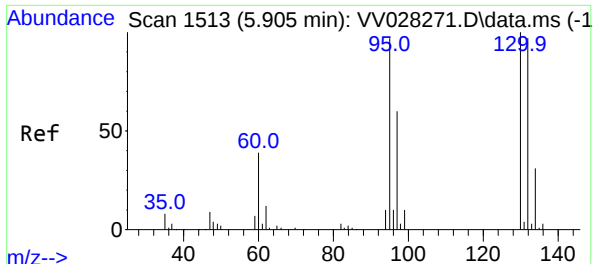
Tgt Ion:117 Resp: 114284
Ion Ratio Lower Upper
117 100
119 96.2 76.9 115.3



#33
Benzene
Concen: 5.670 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Tgt Ion: 78 Resp: 334965





#34

Trichloroethene

Concen: 5.582 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.003 min

Lab File: VV028333.D

Acq: 04 Oct 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 82569

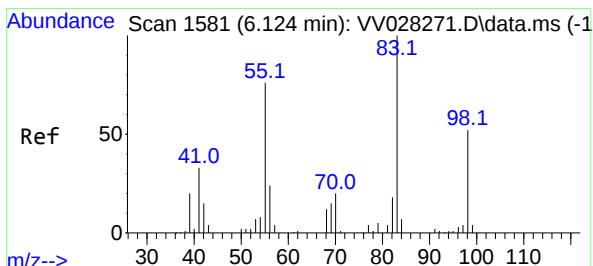
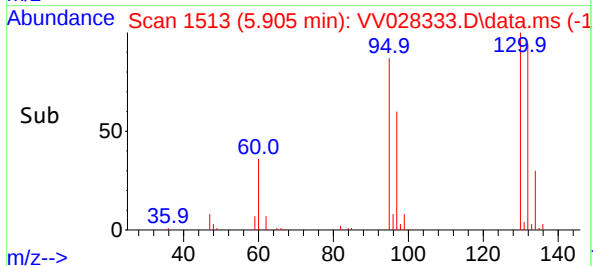
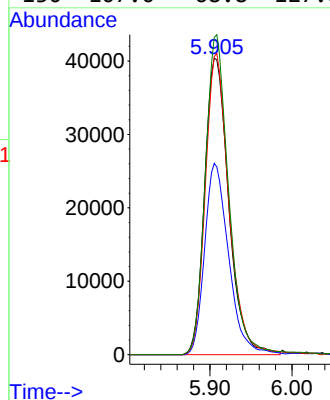
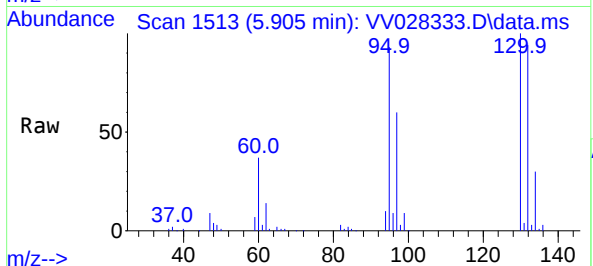
Ion Ratio Lower Upper

95 100

97 64.5 44.2 82.0

132 100.5 67.8 126.0

130 107.0 68.8 127.8



#35

Methylcyclohexane

Concen: 5.341 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VV028333.D

Acq: 04 Oct 2022 17:56

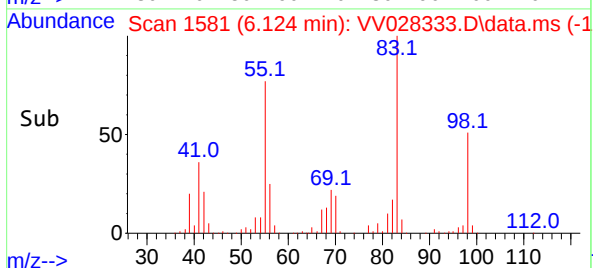
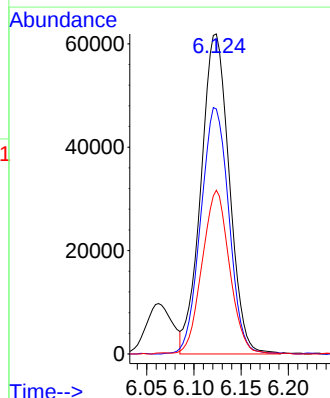
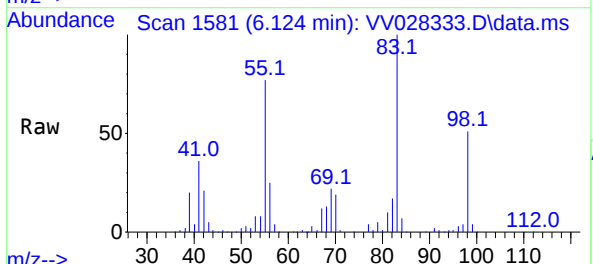
Tgt Ion: 83 Resp: 128982

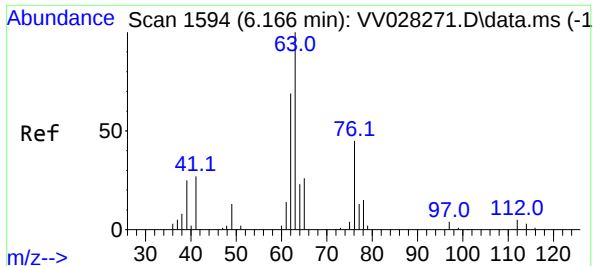
Ion Ratio Lower Upper

83 100

55 76.7 64.7 97.1

98 49.6 39.5 59.3

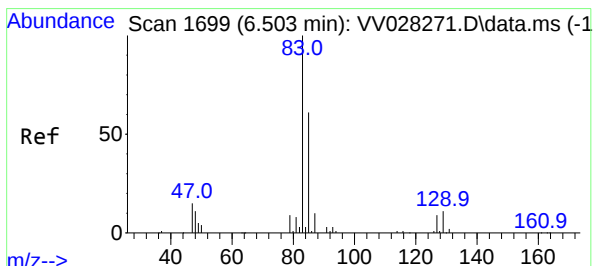
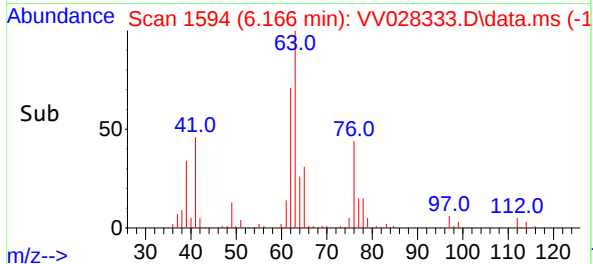
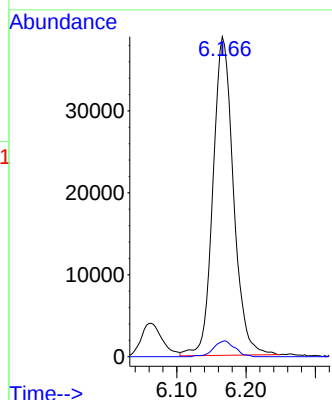
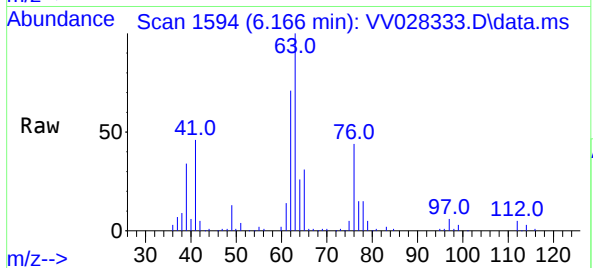




#37
1,2-Dichloropropane
Concen: 5.844 ug/L
RT: 6.166 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

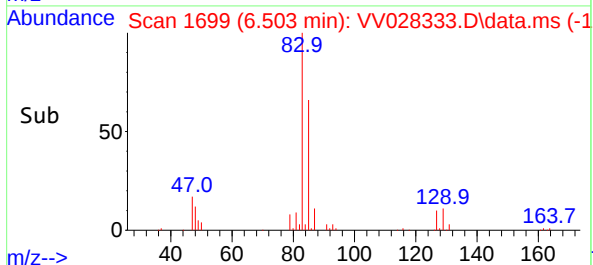
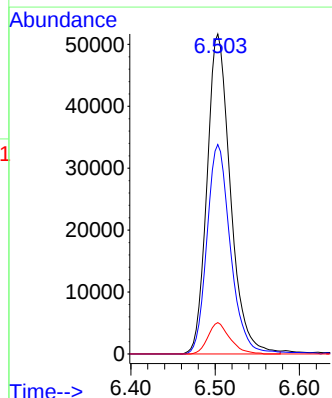
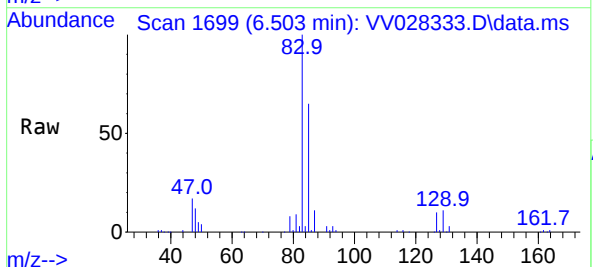
Instrument :
MSVOA_V
ClientSampleId :

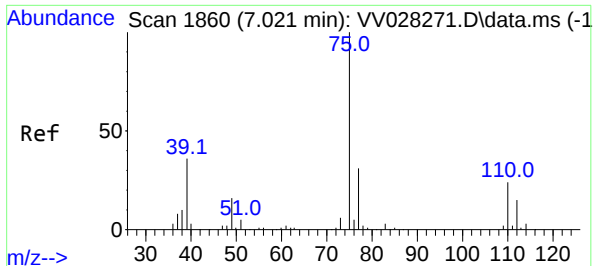
Tgt Ion: 63 Resp: 79956
Ion Ratio Lower Upper
63 100
112 5.2 3.5 5.3



#38
Bromodichloromethane
Concen: 5.290 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Tgt Ion: 83 Resp: 99814
Ion Ratio Lower Upper
83 100
85 65.5 43.8 81.4
127 9.8 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 5.461 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV028333.D

Acq: 04 Oct 2022 17:56

Instrument :

MSVOA_V

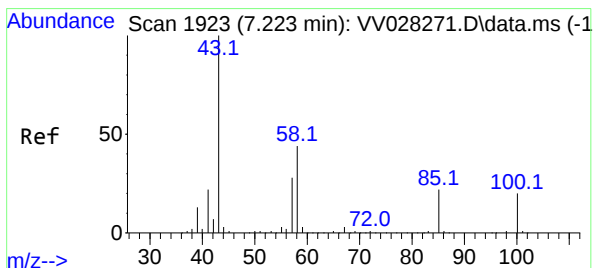
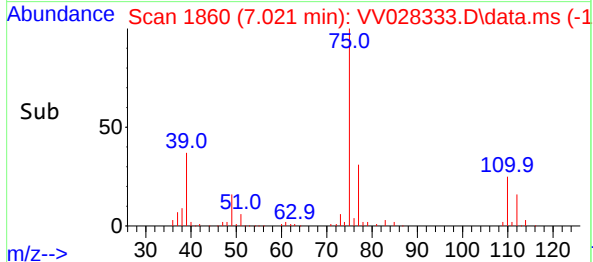
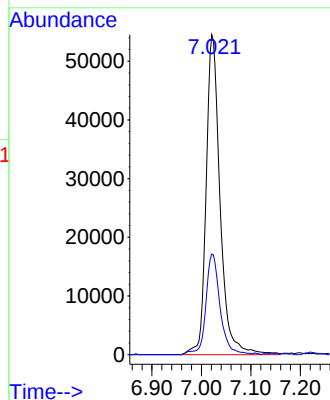
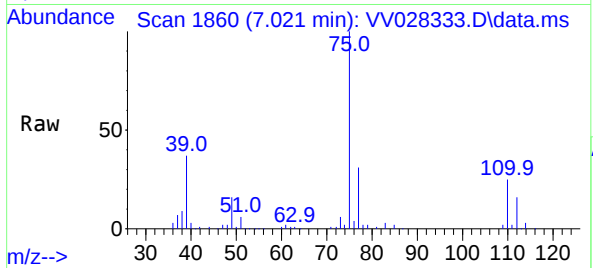
ClientSampleId :

Tgt Ion: 75 Resp: 106652

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 59.097 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028333.D

Acq: 04 Oct 2022 17:56

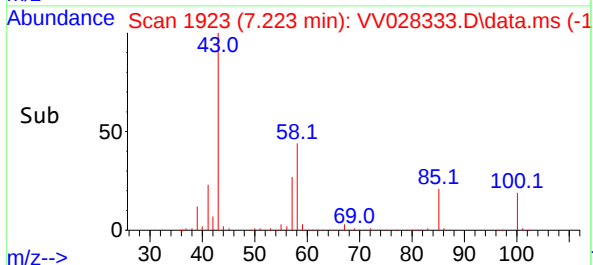
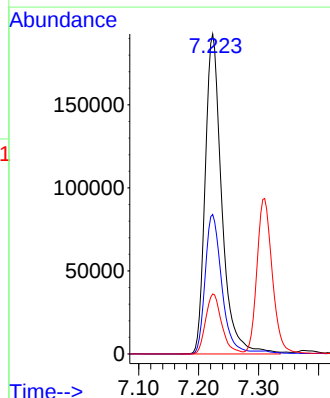
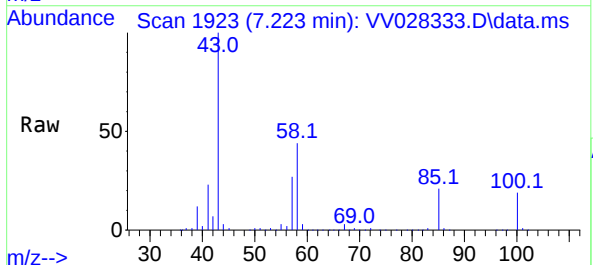
Tgt Ion: 43 Resp: 371484

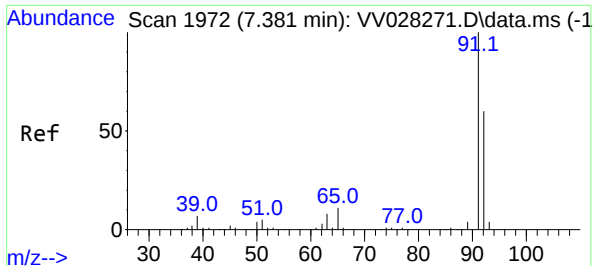
Ion Ratio Lower Upper

43 100

58 43.6 32.2 48.4

100 18.2 12.7 19.1





#42

Toluene

Concen: 5.770 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.003 min

Lab File: VV028333.D

Acq: 04 Oct 2022 17:56

Instrument :

MSVOA_V

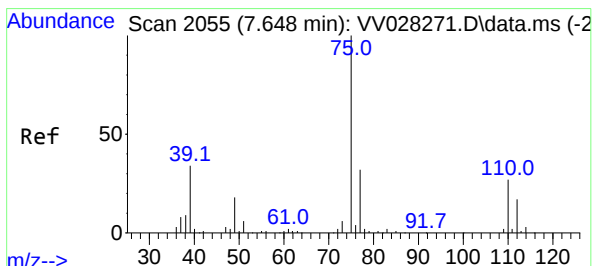
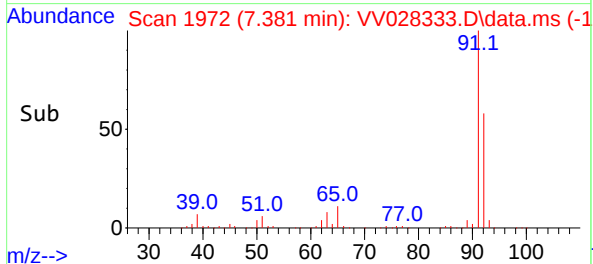
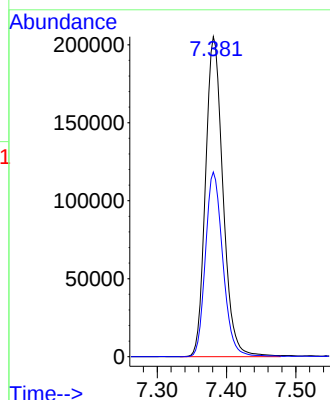
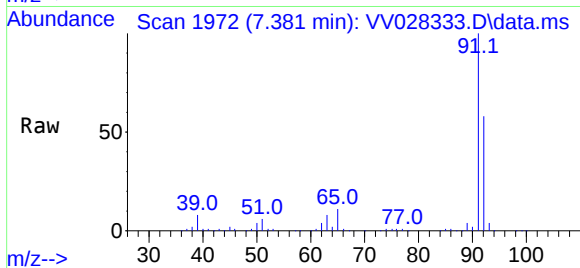
ClientSampleId :

Tgt Ion: 91 Resp: 358684

Ion Ratio Lower Upper

91 100

92 57.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.252 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028333.D

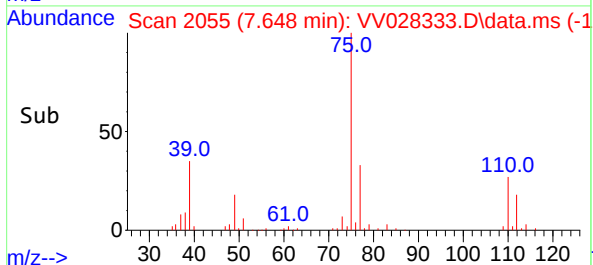
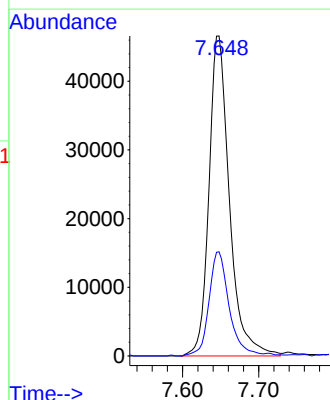
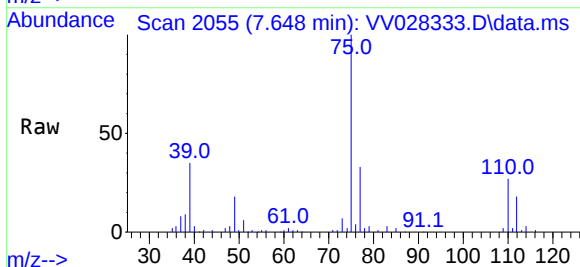
Acq: 04 Oct 2022 17:56

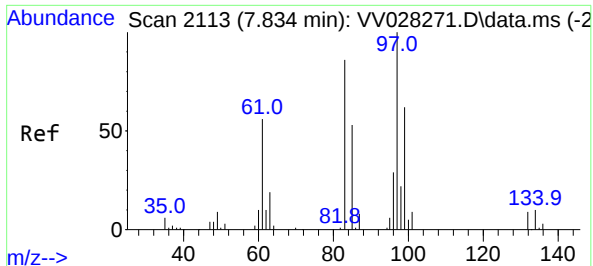
Tgt Ion: 75 Resp: 87131

Ion Ratio Lower Upper

75 100

77 32.5 23.9 44.3



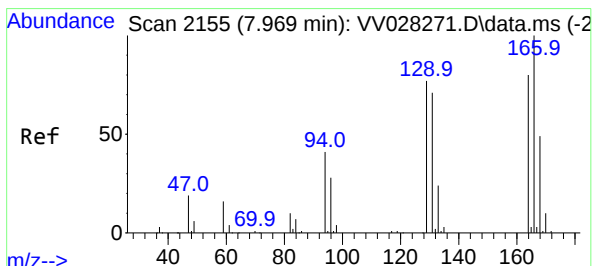
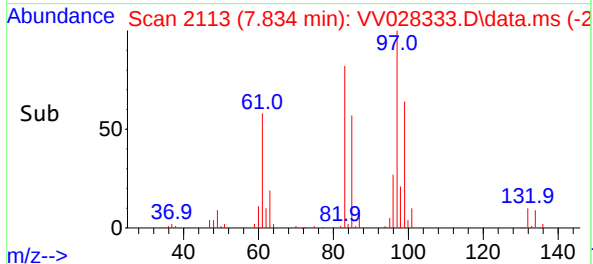
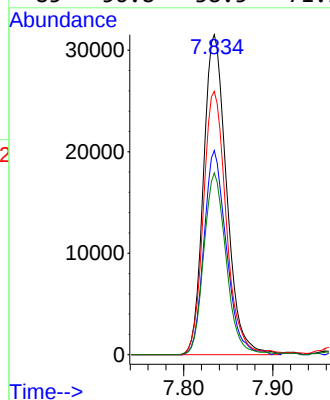
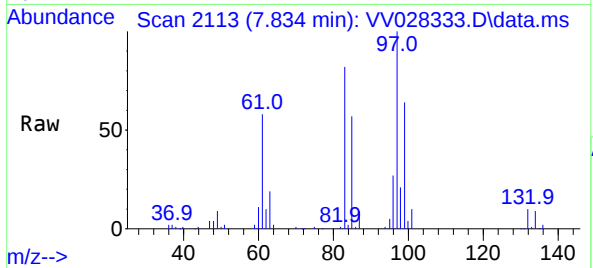


#45
1,1,2-Trichloroethane
Concen: 5.601 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 56834

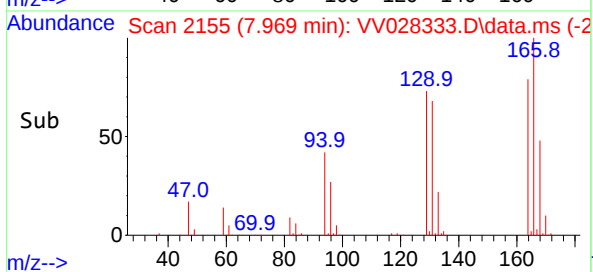
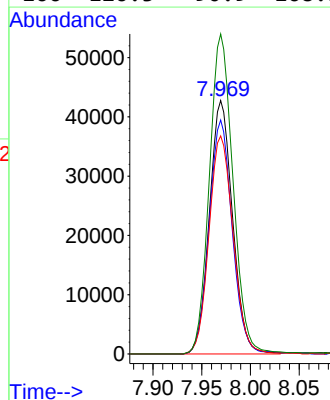
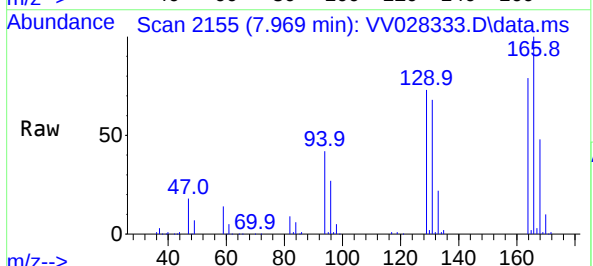
Ion	Ratio	Lower	Upper
97	100		
99	63.8	43.2	80.2
83	82.3	59.1	109.9
85	56.8	38.5	71.5

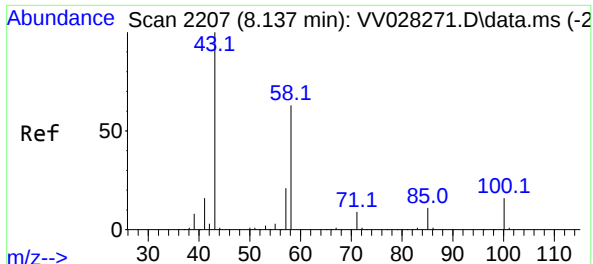


#47
Tetrachloroethene
Concen: 5.478 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Tgt Ion: 164 Resp: 70810

Ion	Ratio	Lower	Upper
164	100		
129	92.3	66.7	123.9
131	86.1	61.7	114.5
166	126.3	90.9	168.9

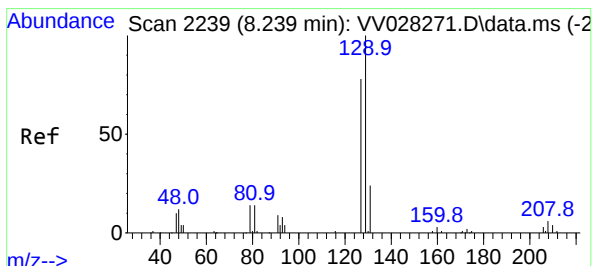
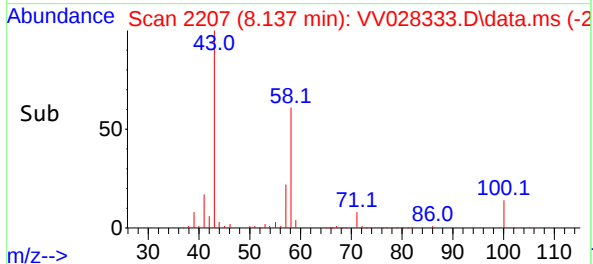
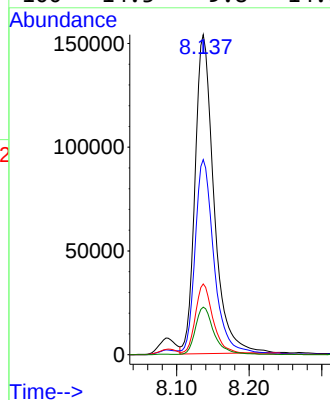
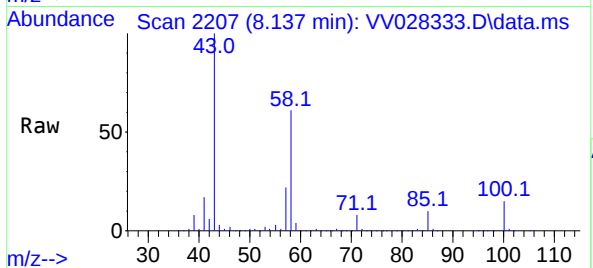




#48
2-Hexanone
Concen: 63.283 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.001 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

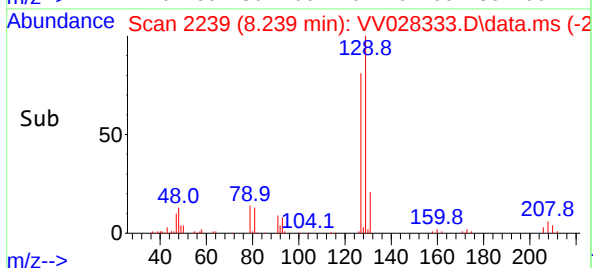
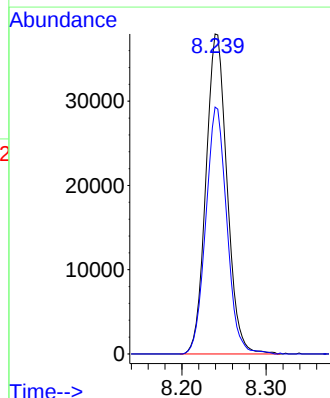
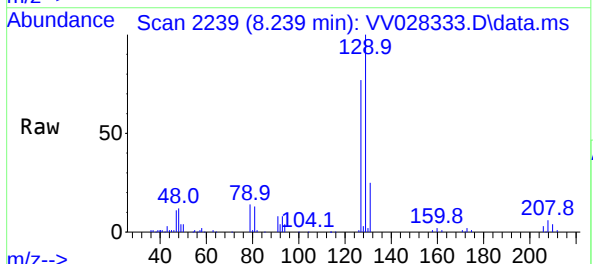
Instrument :
MSVOA_V
ClientSampleId :

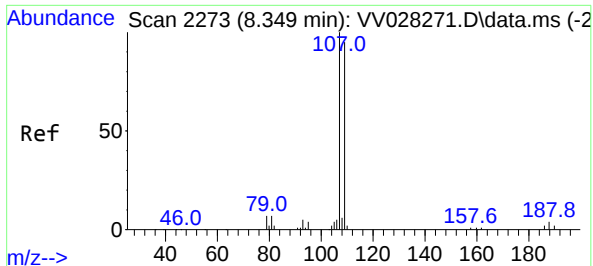
Tgt Ion: 43 Resp: 278613
Ion Ratio Lower Upper
43 100
58 60.8 45.7 68.5
57 21.0 15.5 23.3
100 14.3 9.8 14.6



#49
Dibromochloromethane
Concen: 5.159 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Tgt Ion:129 Resp: 66266
Ion Ratio Lower Upper
129 100
127 77.2 54.3 100.9



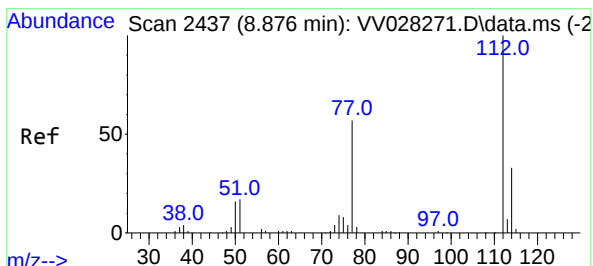
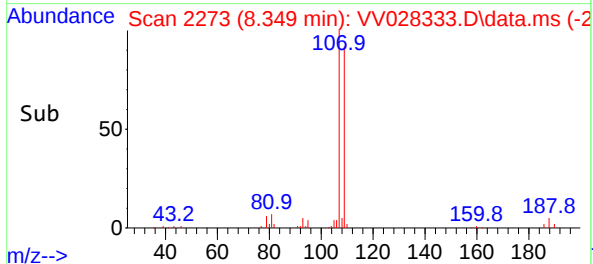
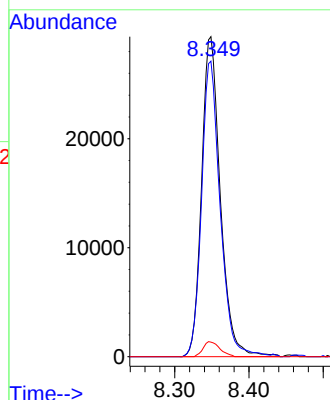
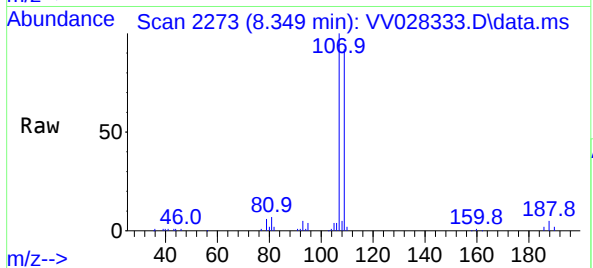


#50
1,2-Dibromoethane
Concen: 5.635 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 51457

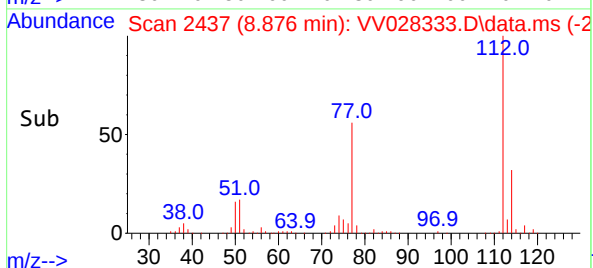
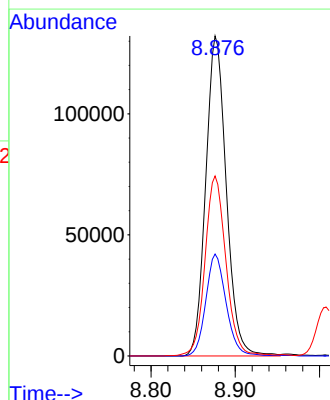
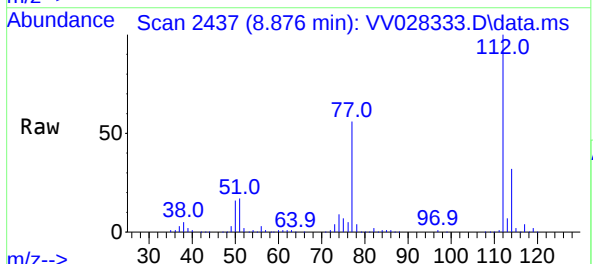
Ion	Ratio	Lower	Upper
107	100		
109	92.3	65.9	122.5
188	4.6	3.4	5.0

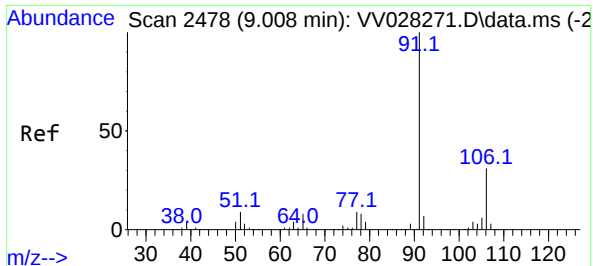


#51
Chlorobenzene
Concen: 5.430 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Tgt Ion:112 Resp: 224492

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.7
77	56.3	46.1	69.1

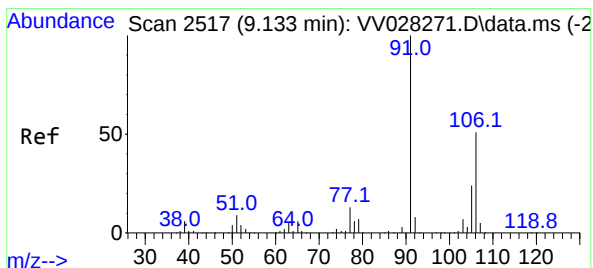
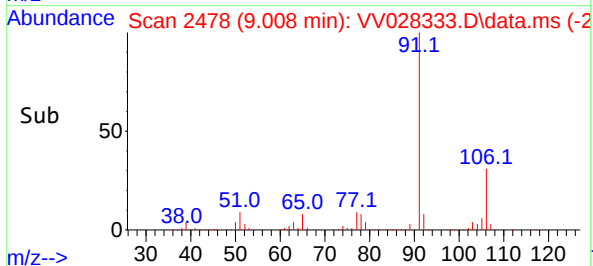
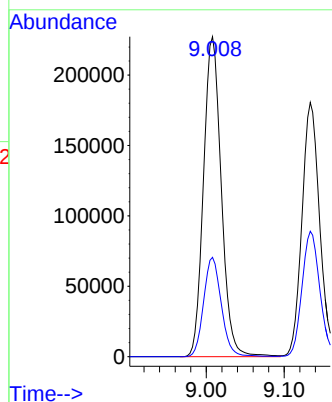
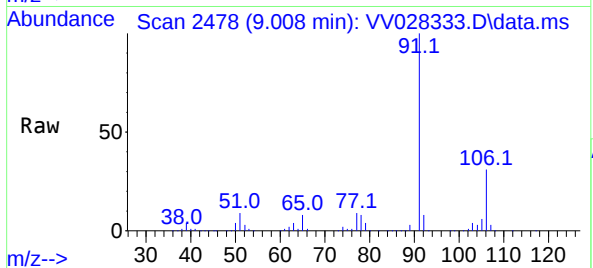




#52
Ethylbenzene
Concen: 5.520 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

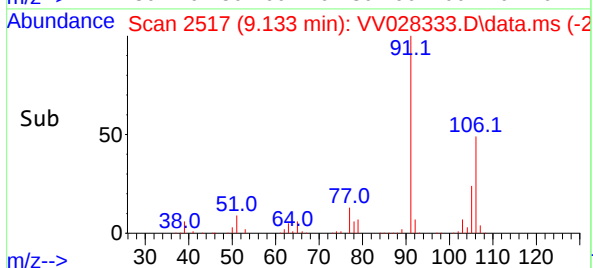
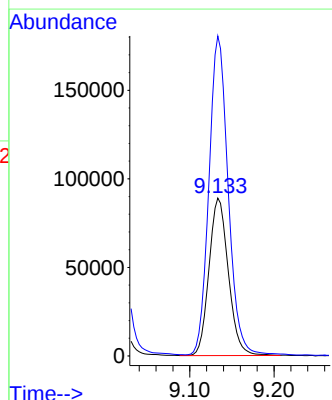
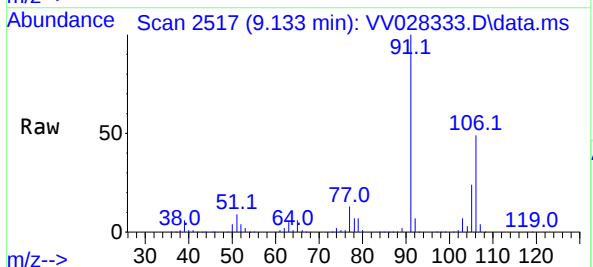
Instrument :
MSVOA_V
ClientSampleId :

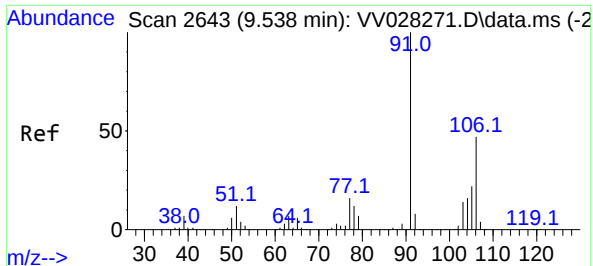
Tgt Ion: 91 Resp: 360591
Ion Ratio Lower Upper
91 100
106 31.1 21.5 39.9



#53
m,p-Xylene
Concen: 5.456 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Tgt Ion: 106 Resp: 142083
Ion Ratio Lower Upper
106 100
91 202.7 141.9 263.5

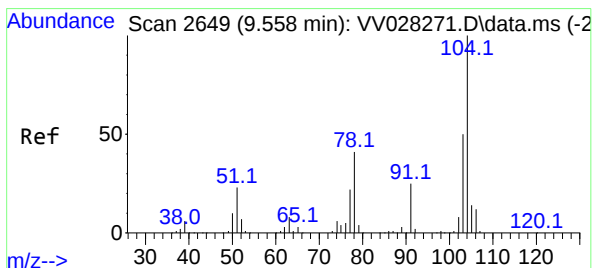
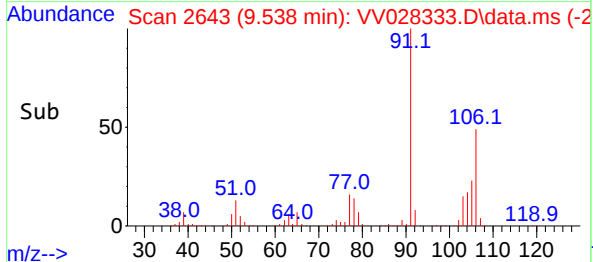
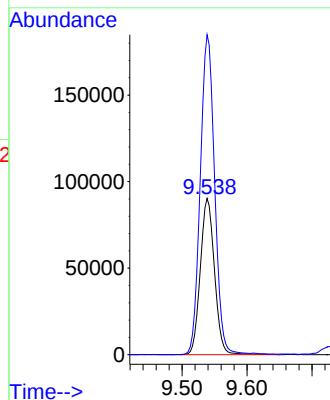
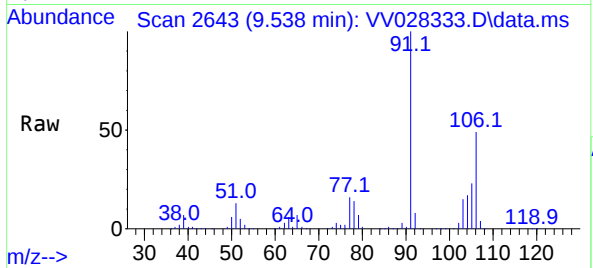




#54
o-Xylene
Concen: 5.574 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

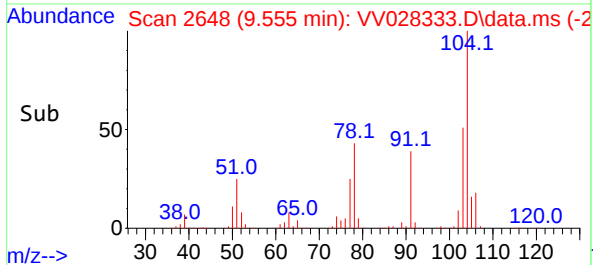
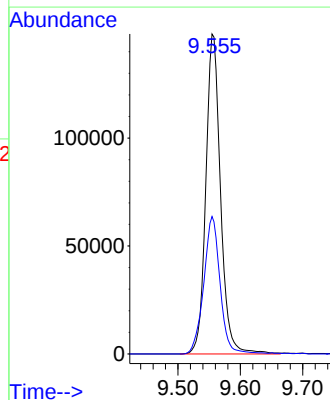
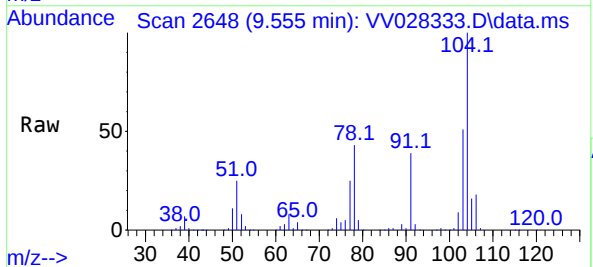
Instrument :
MSVOA_V
ClientSampleId :

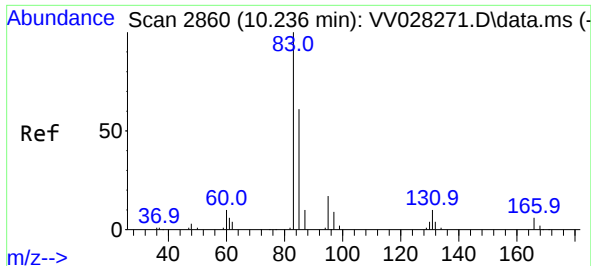
Tgt Ion:106 Resp: 137302
Ion Ratio Lower Upper
106 100
91 204.7 148.1 275.0



#55
Styrene
Concen: 5.748 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Tgt Ion:104 Resp: 243326
Ion Ratio Lower Upper
104 100
78 42.9 31.0 57.6

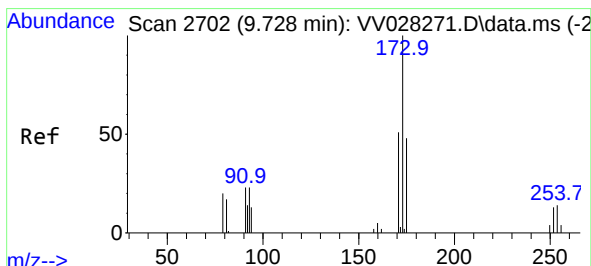
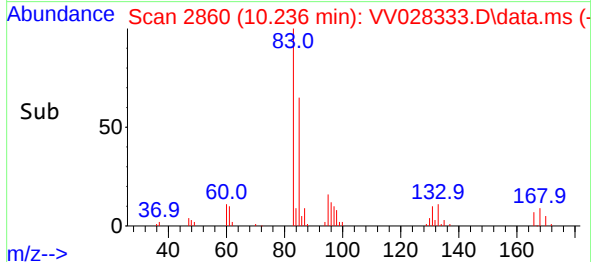
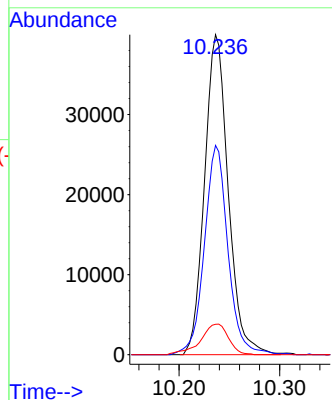
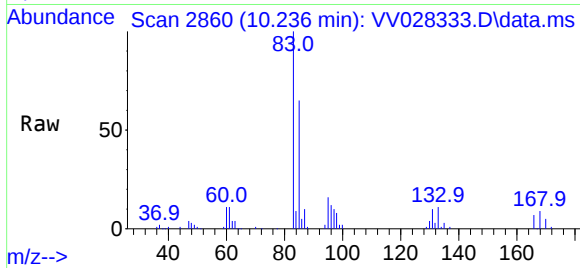




#57
1,1,2,2-Tetrachloroethane
Concen: 5.677 ug/L
RT: 10.236 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

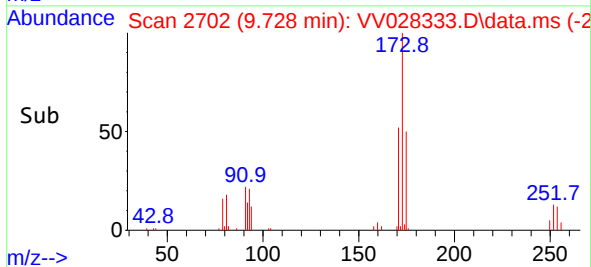
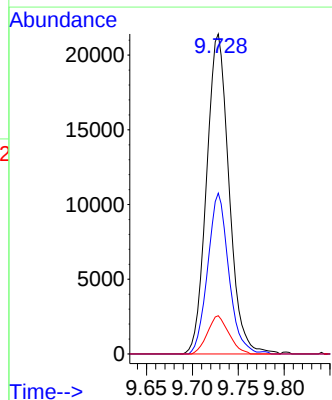
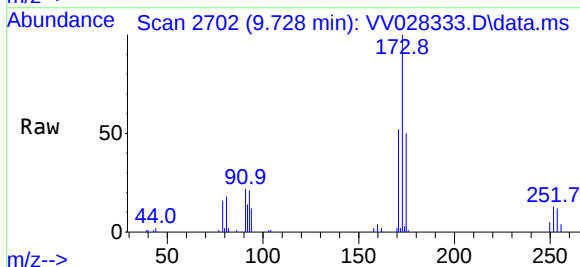
Instrument :
MSVOA_V
ClientSampleId :

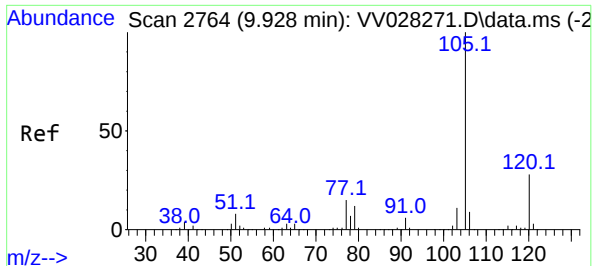
Tgt Ion: 83 Resp: 65365
Ion Ratio Lower Upper
83 100
85 65.4 45.2 84.0
131 9.5 7.8 11.8



#59
Bromoform
Concen: 5.034 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

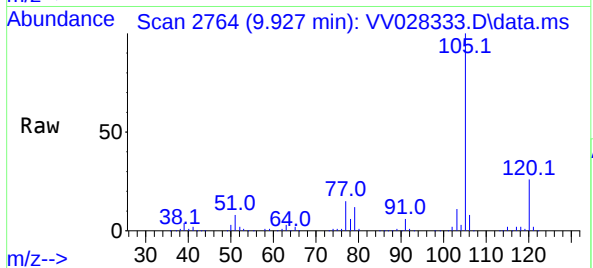
Tgt Ion:173 Resp: 36483
Ion Ratio Lower Upper
173 100
175 46.9 39.0 58.4
254 11.4 8.7 13.1



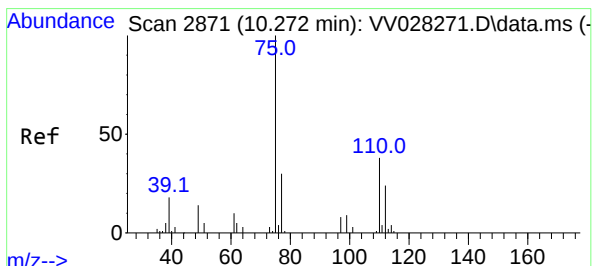
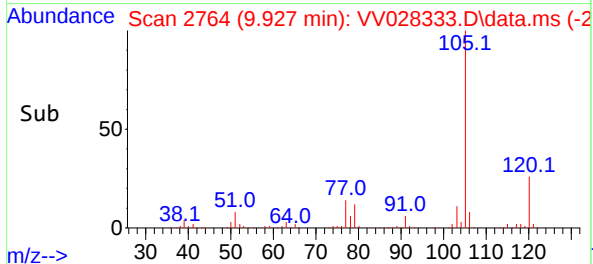
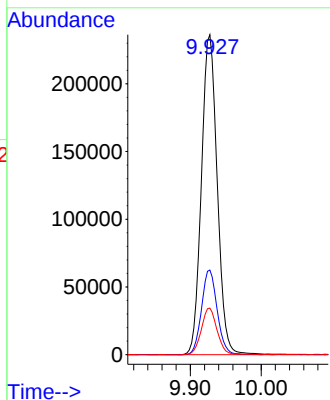


#60
Isopropylbenzene
Concen: 5.431 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Instrument :
MSVOA_V
ClientSampleId :

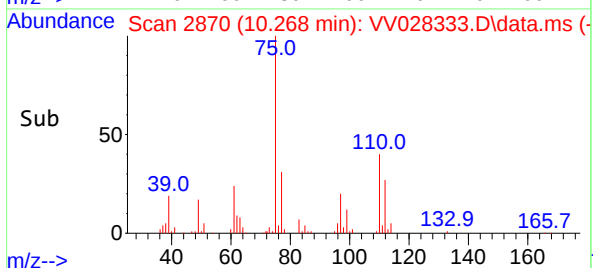
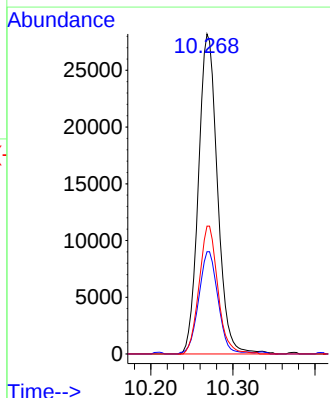
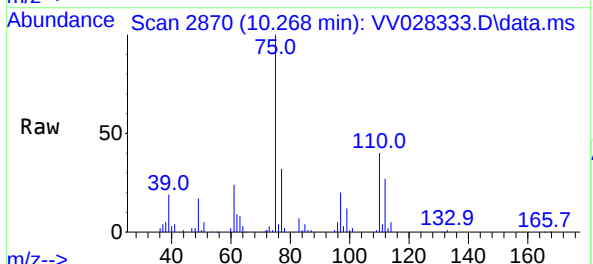


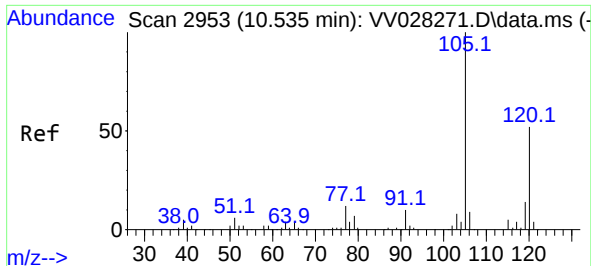
Tgt Ion:105 Resp: 365673
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.0
77 14.5 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.357 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Tgt Ion: 75 Resp: 45484
Ion Ratio Lower Upper
75 100
77 32.2 26.7 40.1
110 39.4 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 5.128 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028333.D

Acq: 04 Oct 2022 17:56

Instrument :

MSVOA_V

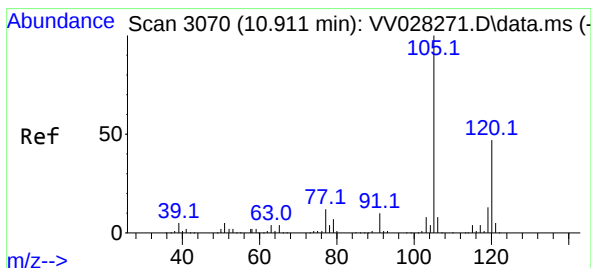
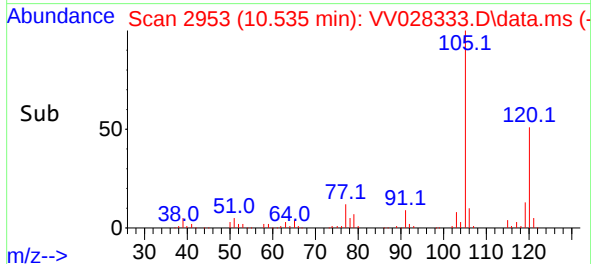
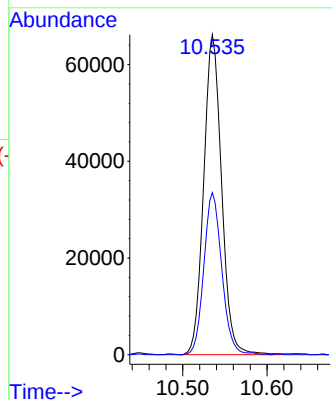
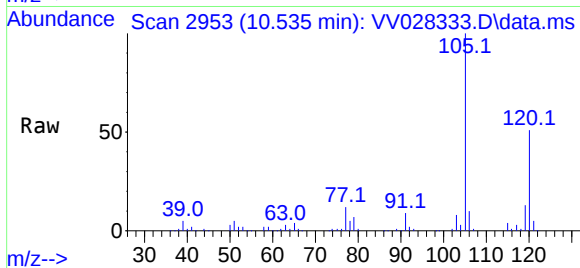
ClientSampleId :

Tgt Ion:105 Resp: 98106

Ion Ratio Lower Upper

105 100

120 50.7 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 5.223 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028333.D

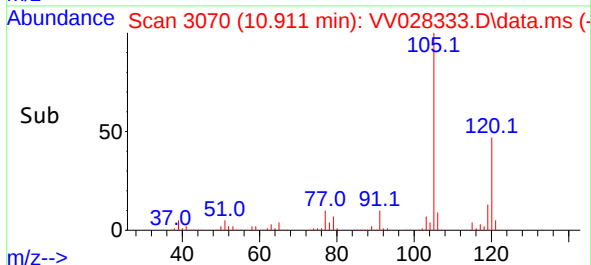
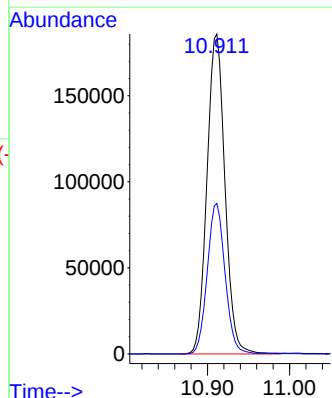
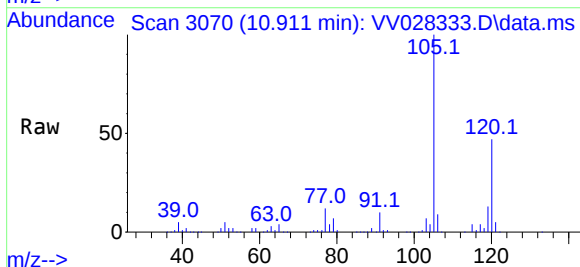
Acq: 04 Oct 2022 17:56

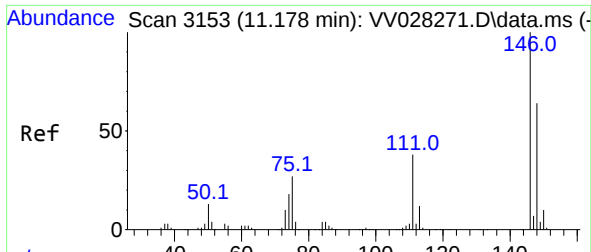
Tgt Ion:105 Resp: 283187

Ion Ratio Lower Upper

105 100

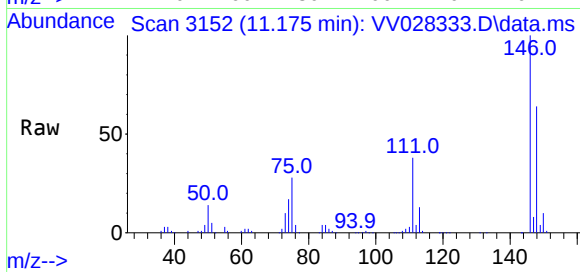
120 46.7 37.8 56.8



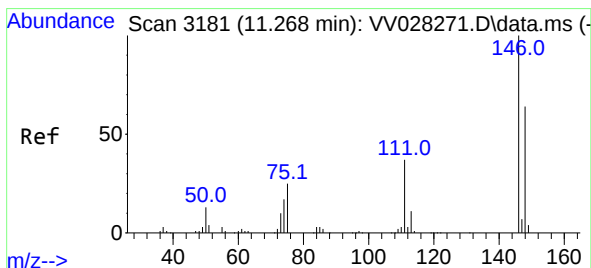
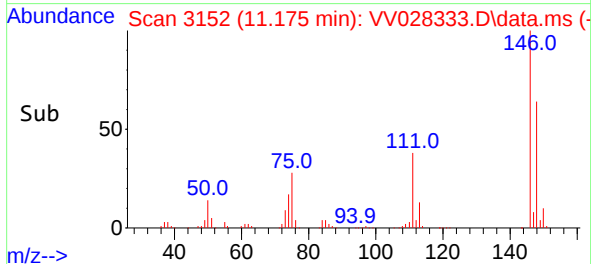
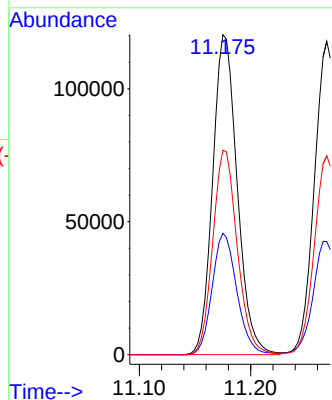


#64
1,3-Dichlorobenzene
Concen: 5.580 ug/L
RT: 11.175 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Instrument :
MSVOA_V
ClientSampleId :

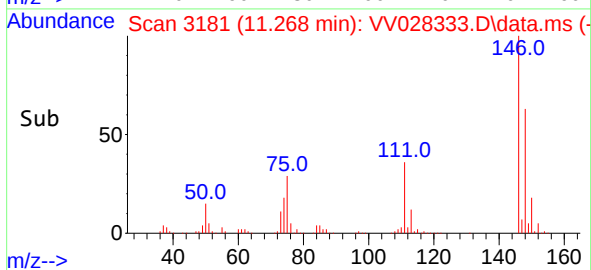
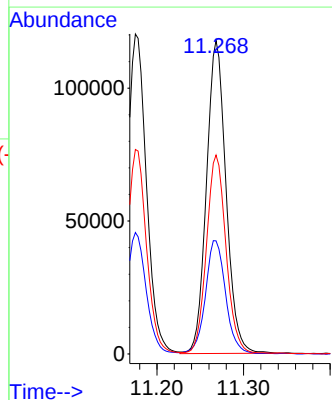
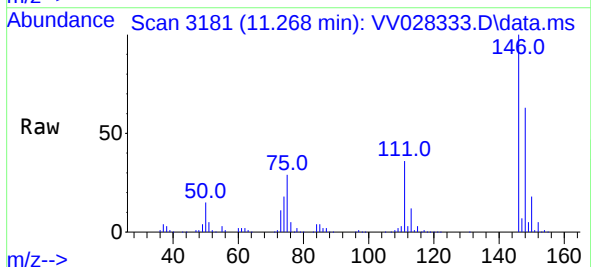


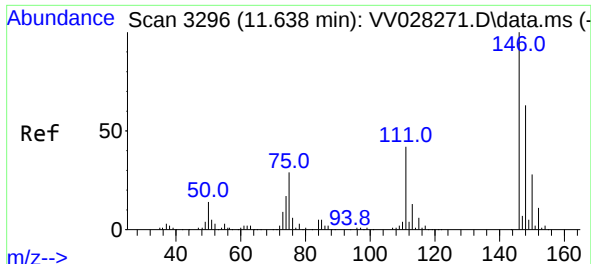
Tgt Ion:146 Resp: 184575
Ion Ratio Lower Upper
146 100
111 38.0 27.1 50.3
148 63.9 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.579 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Tgt Ion:146 Resp: 184786
Ion Ratio Lower Upper
146 100
111 36.1 26.2 48.8
148 63.5 45.8 85.2

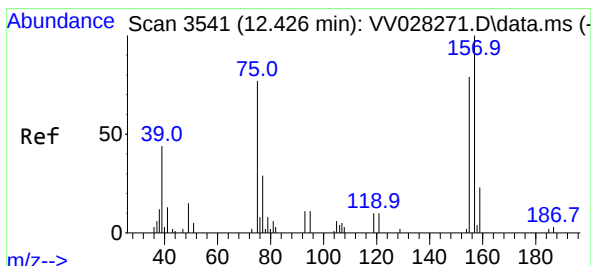
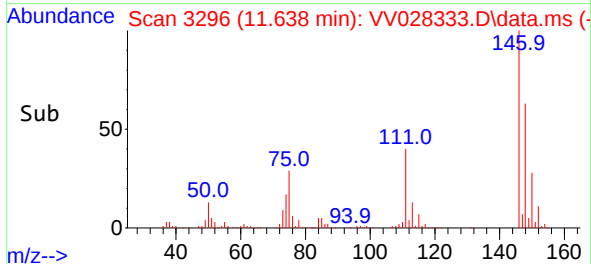
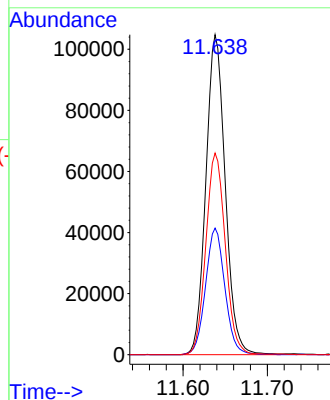
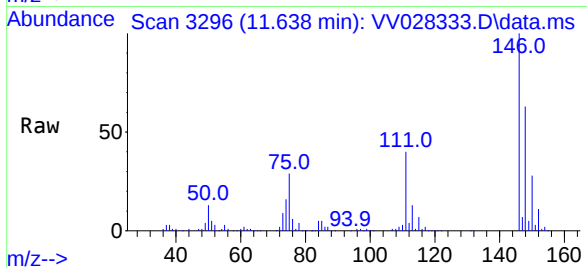




#67
1,2-Dichlorobenzene
Concen: 5.585 ug/L
RT: 11.638 min Scan# 3296
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

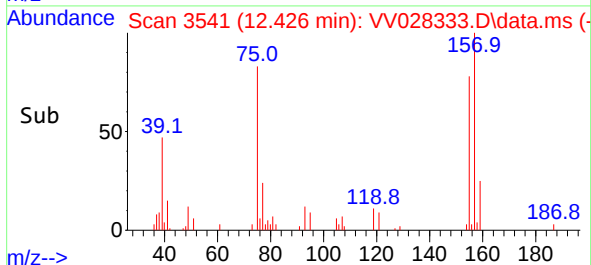
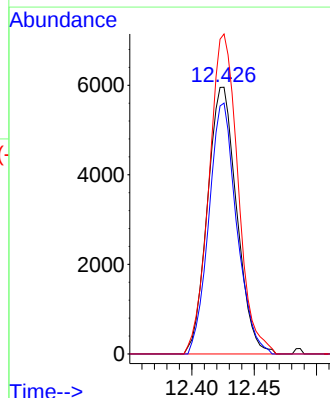
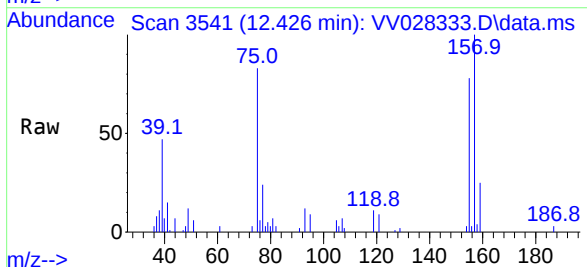
Instrument :
MSVOA_V
ClientSampleId :

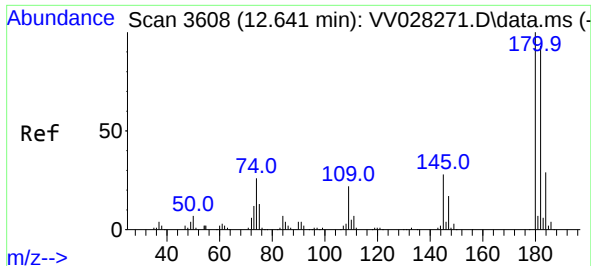
Tgt Ion:146 Resp: 167542
Ion Ratio Lower Upper
146 100
111 39.6 32.6 49.0
148 63.0 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.028 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

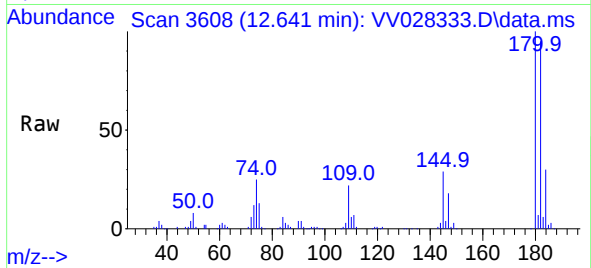
Tgt Ion: 75 Resp: 9723
Ion Ratio Lower Upper
75 100
155 94.1 73.6 110.4
157 120.0 90.7 136.1



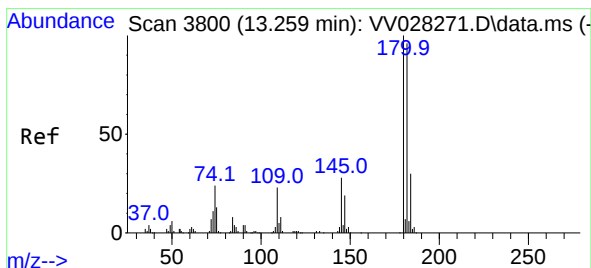
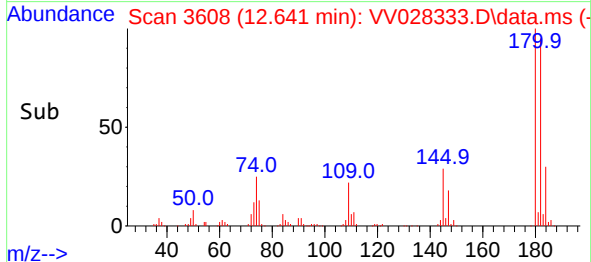
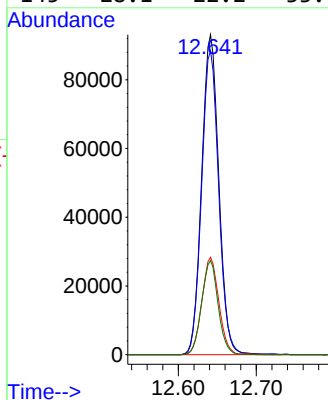


#69
 1,3,5-Trichlorobenzene
 Concen: 5.450 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV028333.D
 Acq: 04 Oct 2022 17:56

Instrument :
 MSVOA_V
 ClientSampleId :

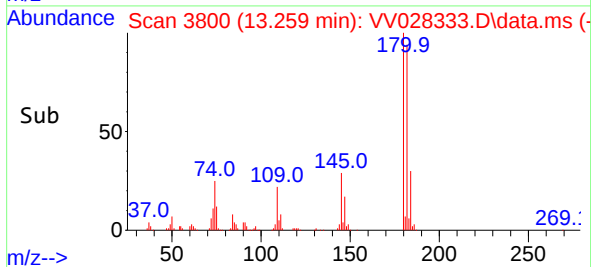
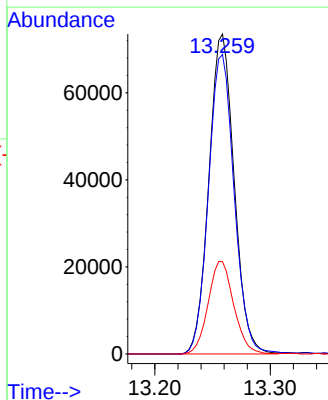
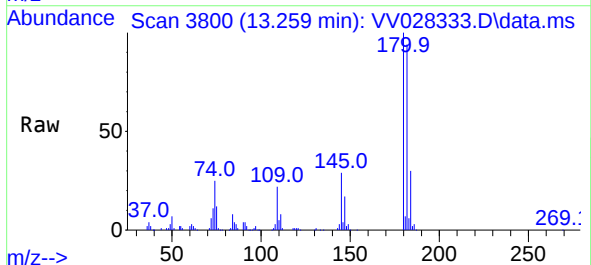


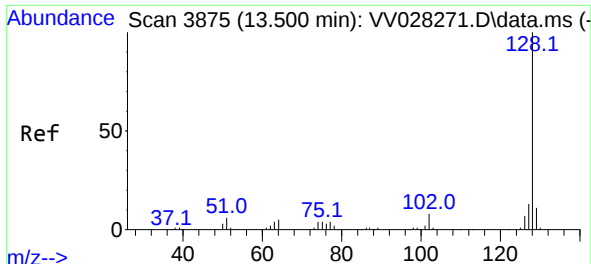
Tgt Ion:180 Resp: 142584
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.5 113.3
 184 30.1 23.7 35.5
 145 28.1 22.2 33.4



#70
 1,2,4-trichlorobenzene
 Concen: 5.597 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV028333.D
 Acq: 04 Oct 2022 17:56

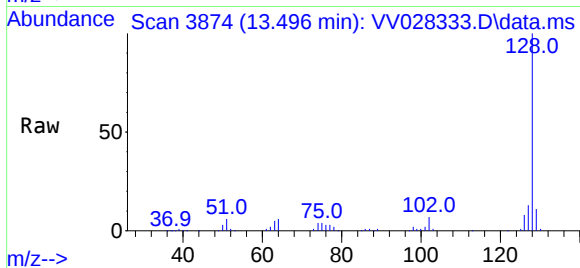
Tgt Ion:180 Resp: 111595
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.3 114.5
 145 29.4 22.9 34.3



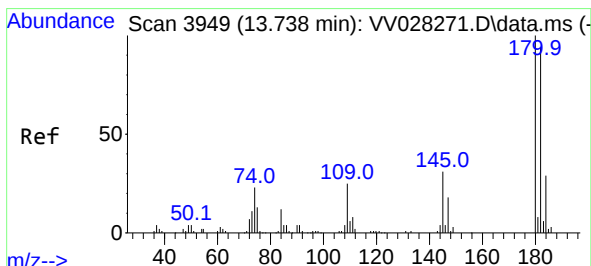
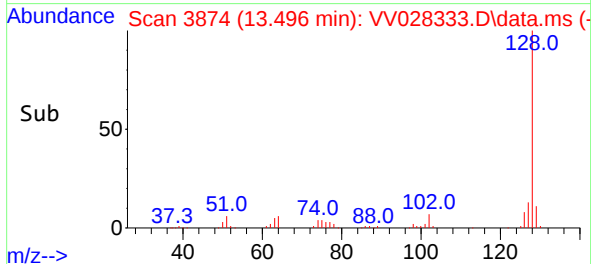
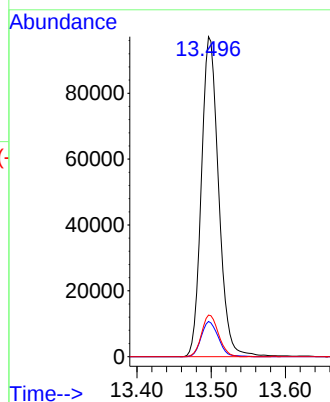


#71
Naphthalene
Concen: 5.032 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 156703
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.2
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.404 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028333.D
Acq: 04 Oct 2022 17:56

Tgt Ion:180 Resp: 97130
Ion Ratio Lower Upper
180 100
182 97.6 77.4 116.0
145 31.0 24.6 36.8

