

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100522\
 Data File : VW028359.D
 Acq On : 05 Oct 2022 10:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

Quant Time: Oct 06 02:31:41 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	219011	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	213207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	118844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	60722	3.690	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.561	69	55837	4.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.101	63	124606	4.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	3.902	46	151236	54.317	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.640%
24) Chloroform-d	4.339	84	128114	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.024	65	58531	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.040	84	256125	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.063	67	77130	4.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.310	98	235692	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.619	79	28273	4.424	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.085	63	130770	49.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.000%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	58986	4.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	85725	4.191	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	90725	5.150	ug/L	93
3) Chloromethane	1.236	50	85329	5.111	ug/L	97
5) Vinyl chloride	1.304	62	100953	5.370	ug/L	99
6) Bromomethane	1.516	94	42395	4.748	ug/L	100
8) Chloroethane	1.577	64	67733	5.406	ug/L	87
9) Trichlorofluoromethane	1.744	101	139454	4.937	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	80539	5.098	ug/L	97
12) 1,1-Dichloroethene	2.111	96	78596	5.003	ug/L #	67
13) Acetone	2.195	43	107675	58.893	ug/L	64
14) Carbon disulfide	2.285	76	240239	4.909	ug/L	99
15) Methyl Acetate	2.439	43	26498	5.325	ug/L #	89
16) Methylene chloride	2.497	84	87216	4.932	ug/L	92
17) Methyl tert-butyl Ether	2.764	73	168810	5.233	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	86229	5.270	ug/L	96
19) 1,1-Dichloroethane	3.179	63	153423	5.505	ug/L	99
21) 2-Butanone	3.982	43	154204	55.558	ug/L	92
22) cis-1,2-Dichloroethene	3.902	96	87495	5.310	ug/L	98
23) Bromochloromethane	4.240	128	39203	5.371	ug/L	85
25) Chloroform	4.365	83	161545	5.286	ug/L	100

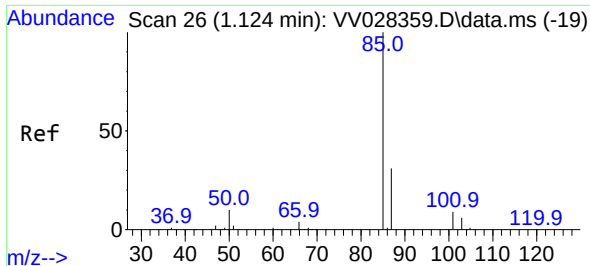
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100522\
 Data File : VW028359.D
 Acq On : 05 Oct 2022 10:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

Quant Time: Oct 06 02:31:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	82378	5.031	ug/L #	92
29) 1,1,1-Trichloroethane	4.600	97	136359	5.185	ug/L	98
30) Cyclohexane	4.667	56	125896	5.556	ug/L	93
31) Carbon tetrachloride	4.818	117	119733	5.075	ug/L	99
33) Benzene	5.088	78	350235	5.518	ug/L	100
34) Trichloroethene	5.908	95	88125	5.545	ug/L	95
35) Methylcyclohexane	6.124	83	139909	5.393	ug/L	95
37) 1,2-Dichloropropane	6.166	63	83306	5.667	ug/L	98
38) Bromodichloromethane	6.503	83	105002	5.179	ug/L #	98
39) cis-1,3-Dichloropropene	7.021	75	111517	5.315	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	401859	59.503	ug/L	95
42) Toluene	7.381	91	376174	5.632	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	93713	5.257	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	58514	5.367	ug/L	97
47) Tetrachloroethene	7.969	164	74707	5.379	ug/L	97
48) 2-Hexanone	8.136	43	292992	61.942	ug/L	96
49) Dibromochloromethane	8.239	129	69430	5.031	ug/L	98
50) 1,2-Dibromoethane	8.349	107	53838	5.487	ug/L	98
51) Chlorobenzene	8.876	112	237279	5.342	ug/L	98
52) Ethylbenzene	9.008	91	380256	5.418	ug/L	100
53) m,p-Xylene	9.133	106	153122	5.473	ug/L	95
54) o-Xylene	9.538	106	144304	5.453	ug/L	100
55) Styrene	9.554	104	254508	5.596	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	67430	5.451	ug/L	99
59) Bromoform	9.728	173	38601	4.932	ug/L	98
60) Isopropylbenzene	9.927	105	383164	5.269	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	48709	5.312	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	103428	5.005	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	300492	5.131	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	200102	5.601	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	203925	5.701	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	180621	5.575	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	10324	4.943	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	150789	5.337	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	120287	5.586	ug/L	98
71) Naphthalene	13.500	128	165511	4.921	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	105257	5.422	ug/L	97

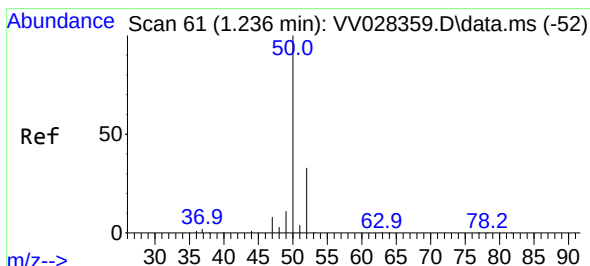
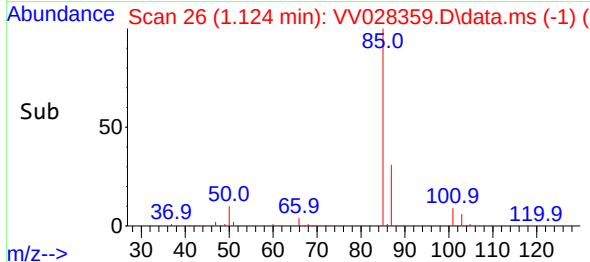
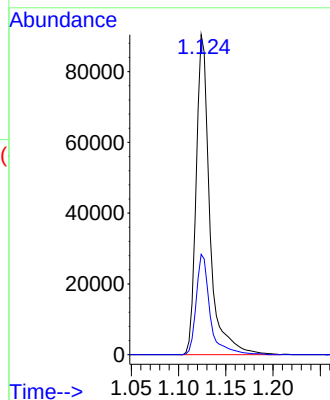
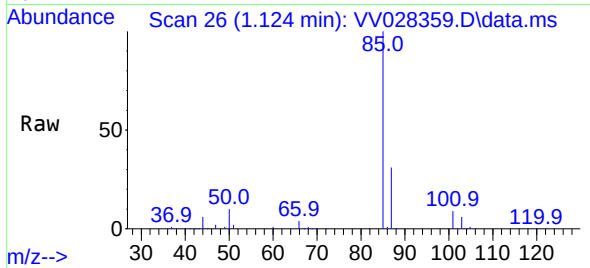
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.150 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028359.D
 Acq: 05 Oct 2022 10:19

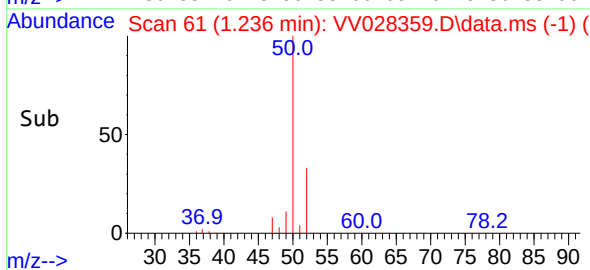
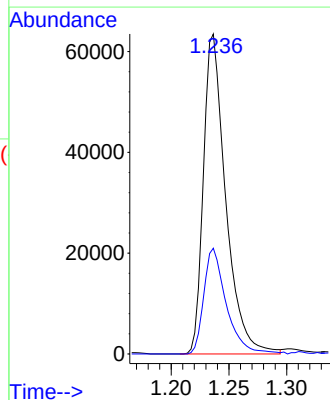
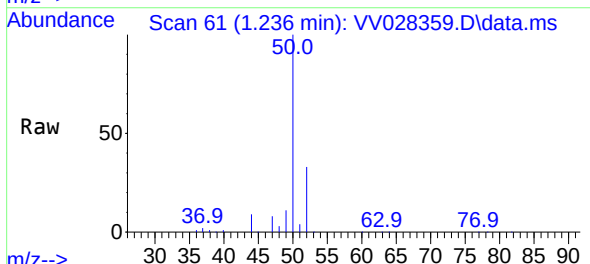
Instrument : MSVOA_V
 ClientSampleId : VSTD005321

Tgt Ion: 85 Resp: 90725
 Ion Ratio Lower Upper
 85 100
 87 32.0 22.8 34.2

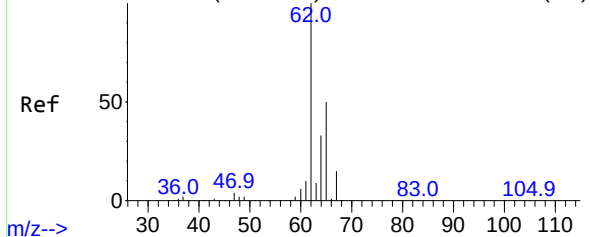


#3
 Chloromethane
 Concen: 5.111 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028359.D
 Acq: 05 Oct 2022 10:19

Tgt Ion: 50 Resp: 85329
 Ion Ratio Lower Upper
 50 100
 52 33.1 24.4 45.2



Abundance Scan 82 (1.304 min): VV028359.D\data.ms (-73)



#5

Vinyl chloride

Concen: 5.370 ug/L

RT: 1.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV028359.D

Acq: 05 Oct 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005321

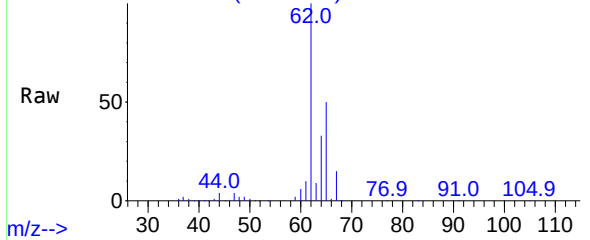
Tgt Ion: 62 Resp: 100953

Ion Ratio Lower Upper

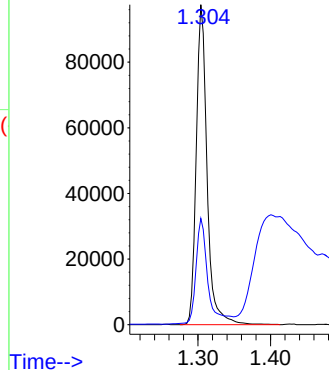
62 100

64 33.2 23.0 42.8

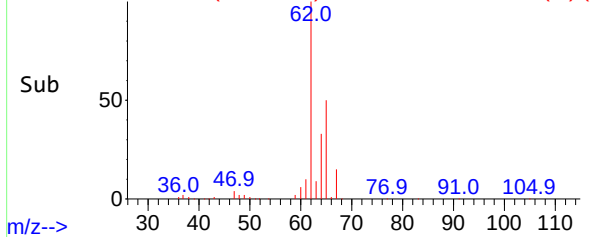
Abundance Scan 82 (1.304 min): VV028359.D\data.ms



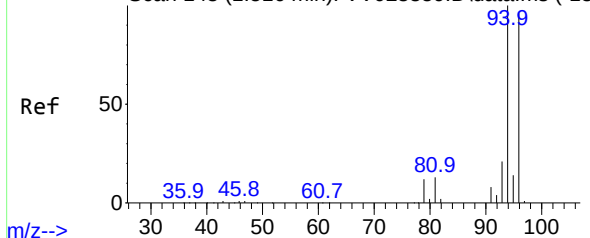
Abundance



Abundance Scan 82 (1.304 min): VV028359.D\data.ms (-1)



Abundance Scan 148 (1.516 min): VV028359.D\data.ms (-13)



#6

Bromomethane

Concen: 4.748 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.000 min

Lab File: VV028359.D

Acq: 05 Oct 2022 10:19

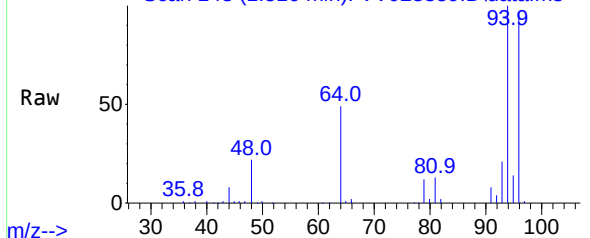
Tgt Ion: 94 Resp: 42395

Ion Ratio Lower Upper

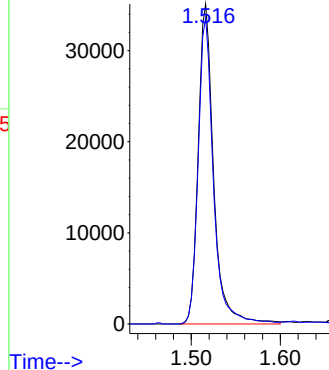
94 100

96 95.7 66.7 123.9

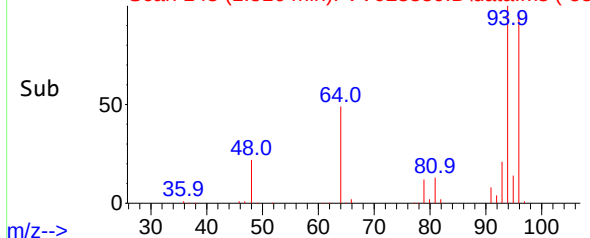
Abundance Scan 148 (1.516 min): VV028359.D\data.ms

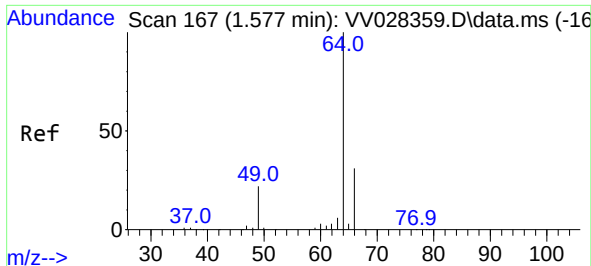


Abundance



Abundance Scan 148 (1.516 min): VV028359.D\data.ms (-55)

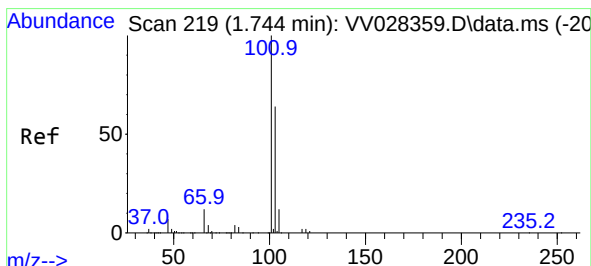
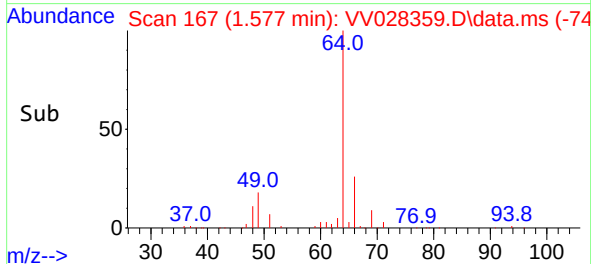
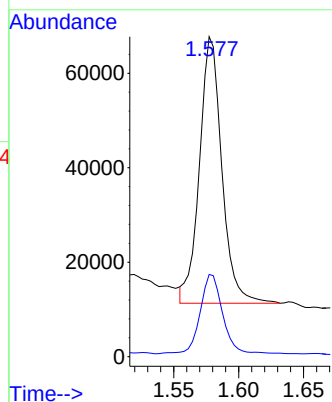
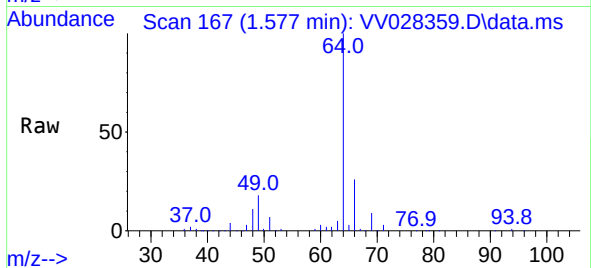




#8
Chloroethane
Concen: 5.406 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

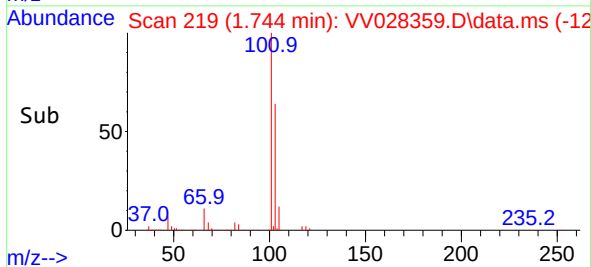
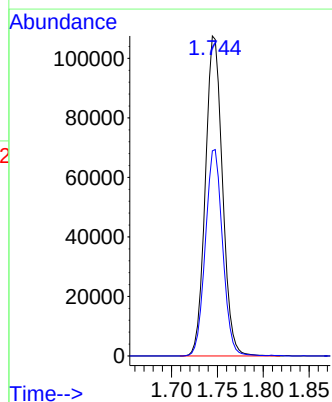
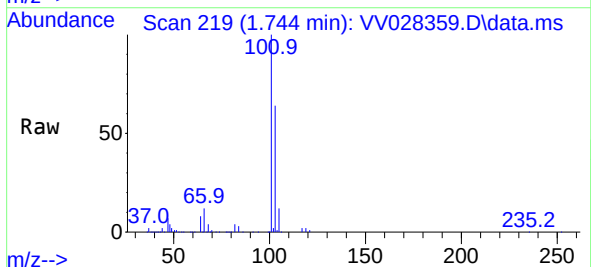
Instrument :
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ClientSampleId :
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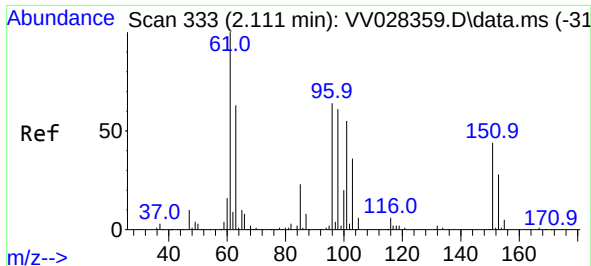
Tgt Ion: 64 Resp: 67733
Ion Ratio Lower Upper
64 100
66 25.7 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.937 ug/L
RT: 1.744 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion: 101 Resp: 139454
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

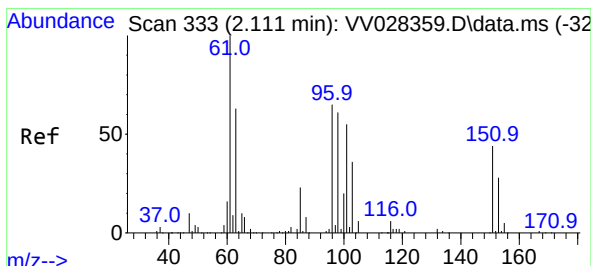
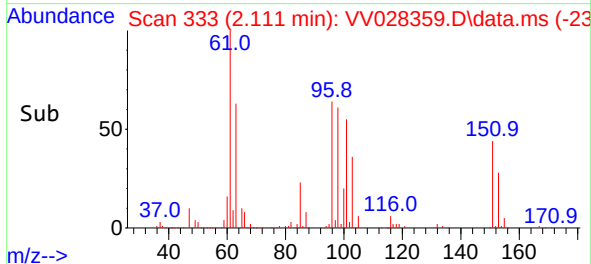
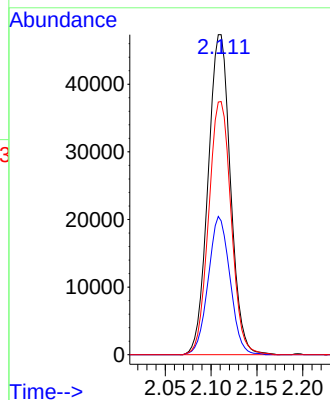
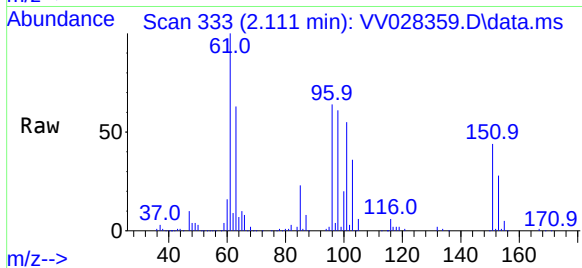




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.098 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV028359.D
 Acq: 05 Oct 2022 10:19

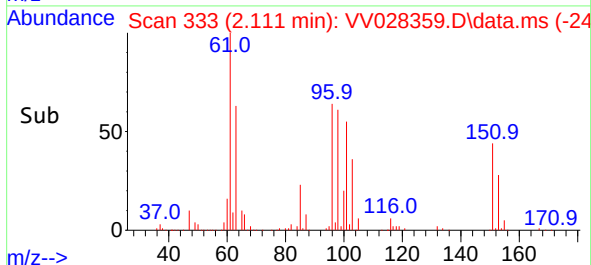
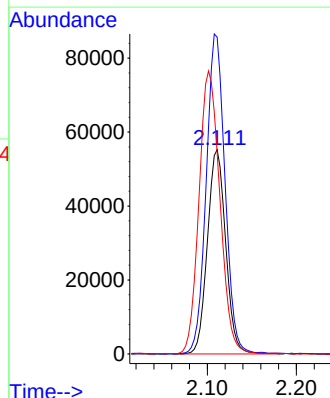
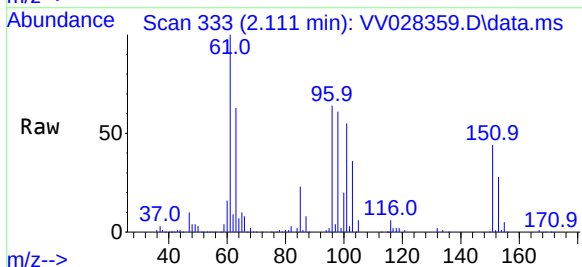
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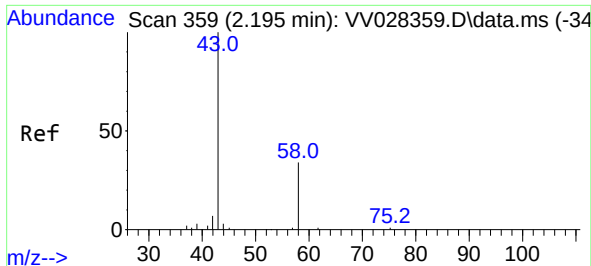
Tgt Ion:101 Resp: 80539
 Ion Ratio Lower Upper
 101 100
 85 42.0 34.4 51.6
 151 79.4 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 5.003 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028359.D
 Acq: 05 Oct 2022 10:19

Tgt Ion: 96 Resp: 78596
 Ion Ratio Lower Upper
 96 100
 61 155.1 128.3 238.3
 63 98.4 112.7 209.3#

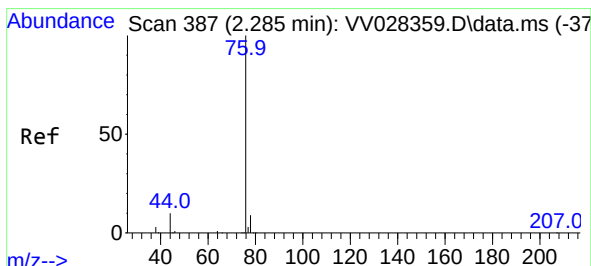
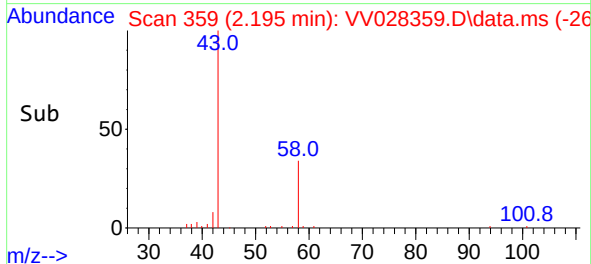
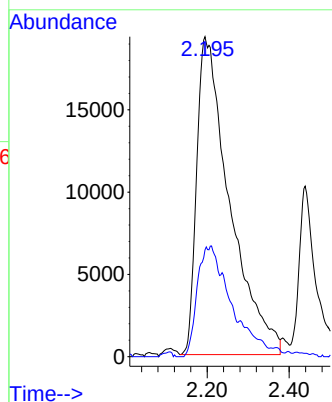
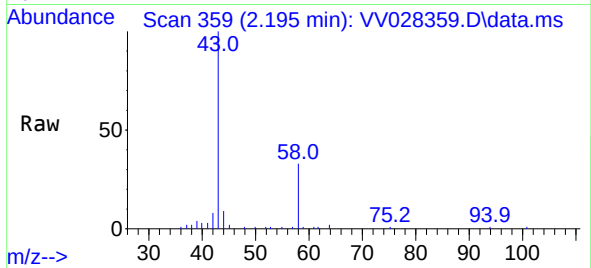




#13
Acetone
Concen: 58.893 ug/L
RT: 2.195 min Scan# 31
Delta R.T. 0.020 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

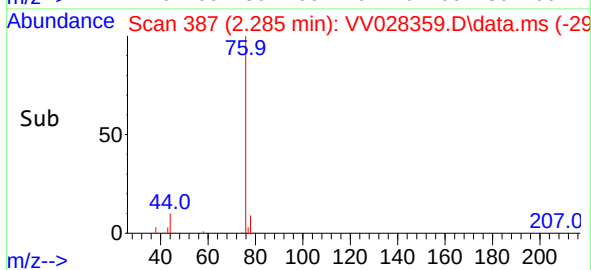
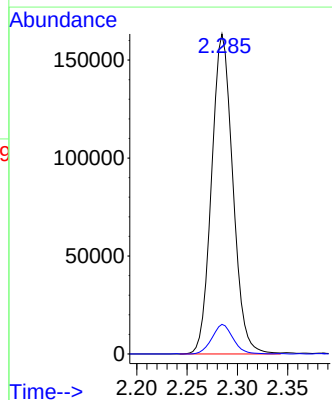
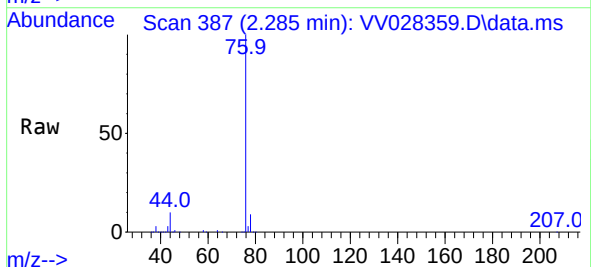
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

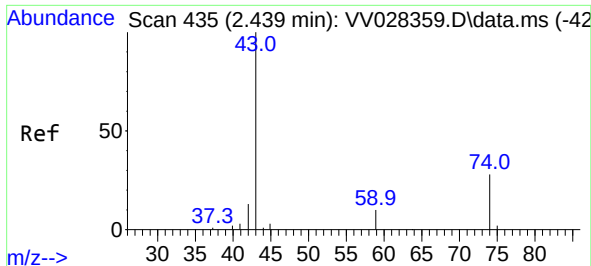
Tgt Ion: 43 Resp: 107675
Ion Ratio Lower Upper
43 100
58 12.6 0.0 65.6



#14
Carbon disulfide
Concen: 4.909 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion: 76 Resp: 240239
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

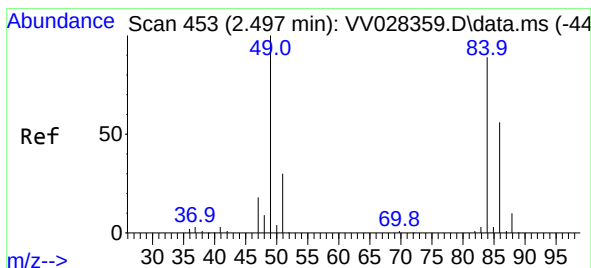
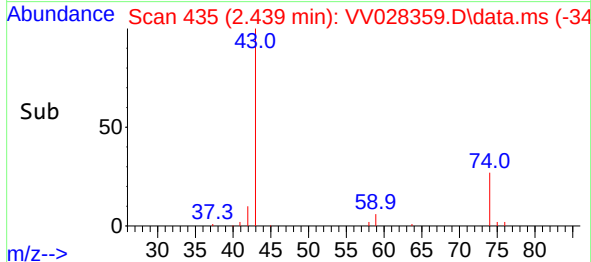
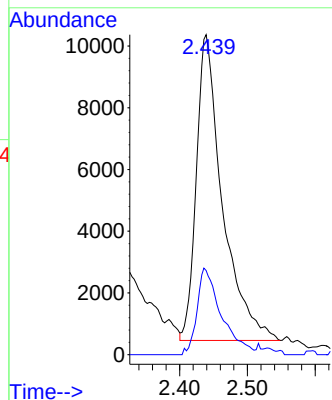
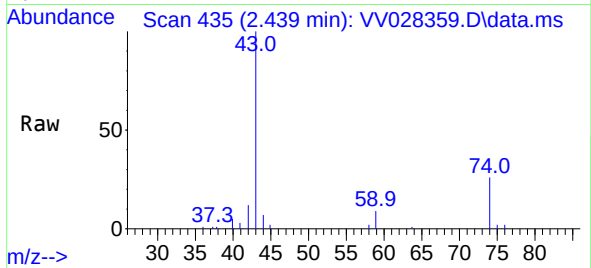




#15
Methyl Acetate
Concen: 5.325 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

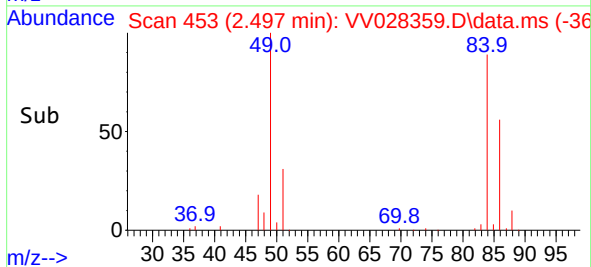
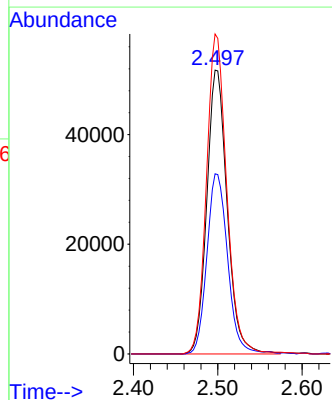
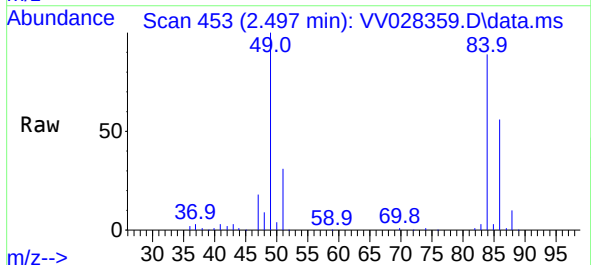
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

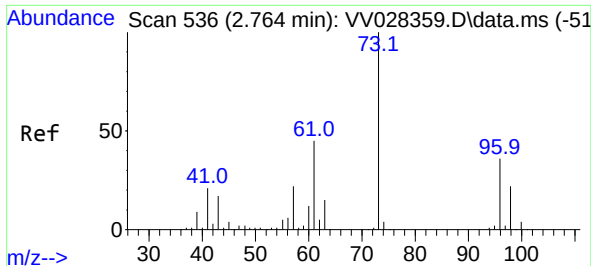
Tgt Ion: 43 Resp: 26498
Ion Ratio Lower Upper
43 100
74 26.2 16.9 25.3#



#16
Methylene chloride
Concen: 4.932 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion: 84 Resp: 87216
Ion Ratio Lower Upper
84 100
86 63.5 46.8 86.8
49 112.7 87.5 162.5

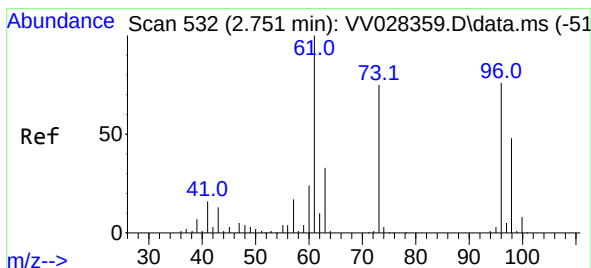
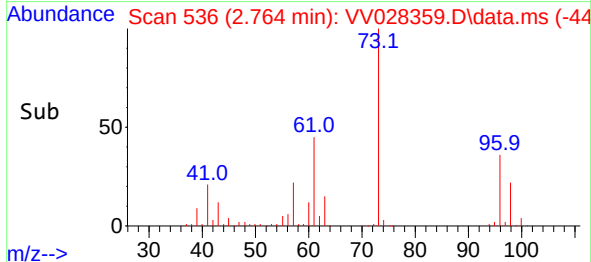
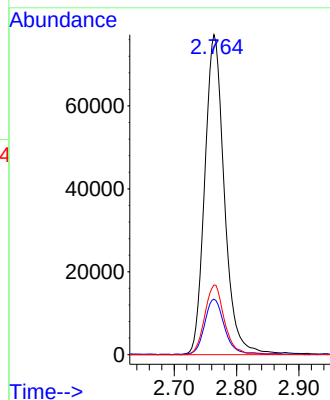
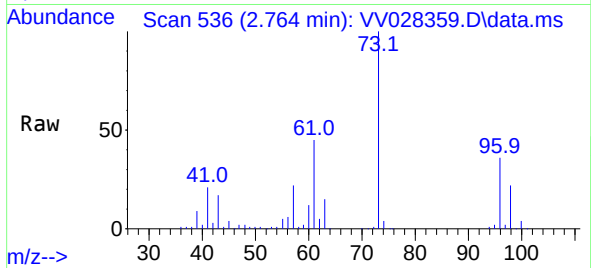




#17
Methyl tert-butyl Ether
Concen: 5.233 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

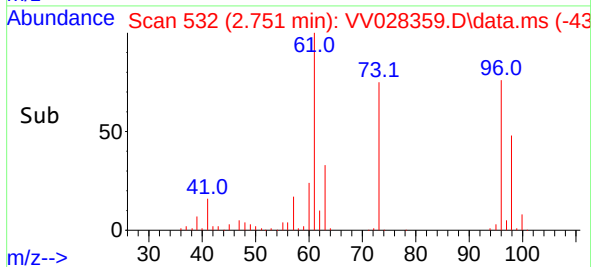
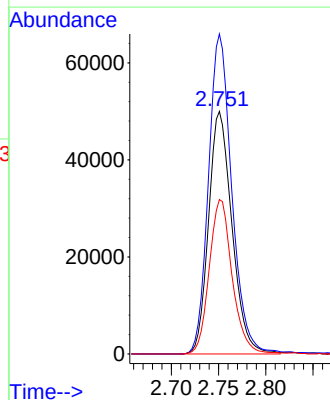
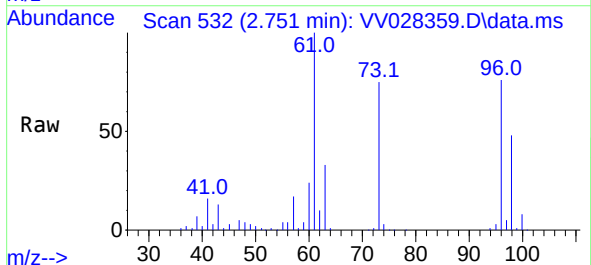
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

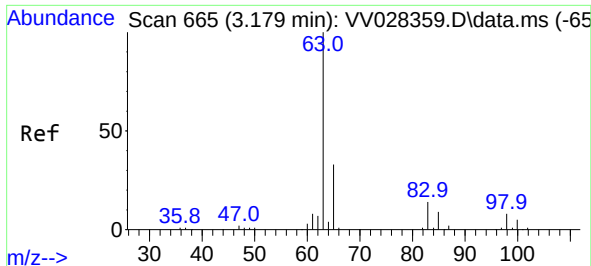
Tgt Ion: 73 Resp: 168810
Ion Ratio Lower Upper
73 100
43 17.0 15.7 23.5
57 21.9 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.270 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion: 96 Resp: 86229
Ion Ratio Lower Upper
96 100
61 131.9 96.2 178.6
98 63.7 45.7 84.9

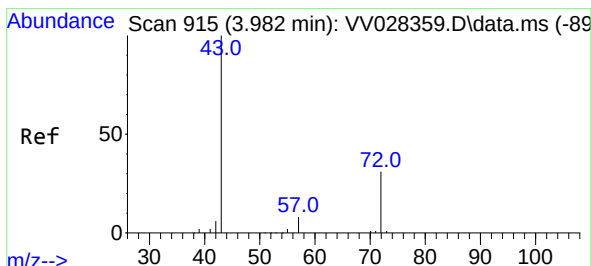
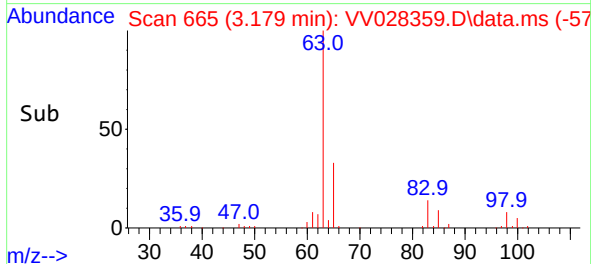
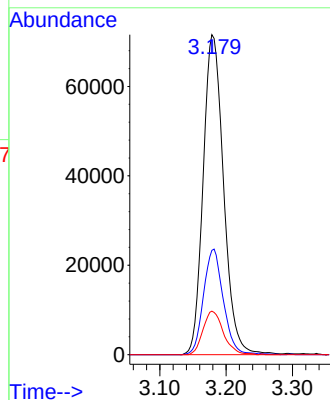
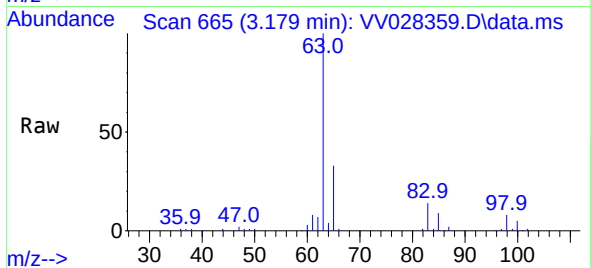




#19
1,1-Dichloroethane
Concen: 5.505 ug/L
RT: 3.179 min Scan# 665
Delta R.T. -0.003 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

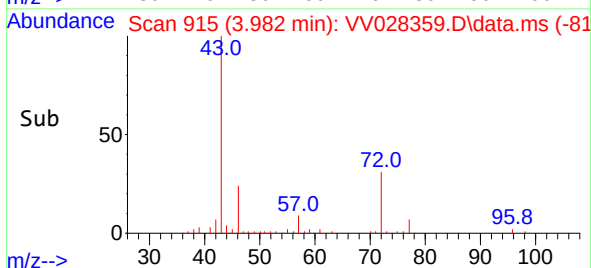
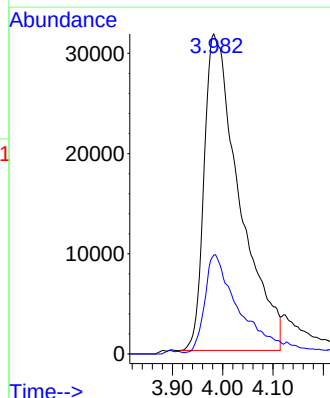
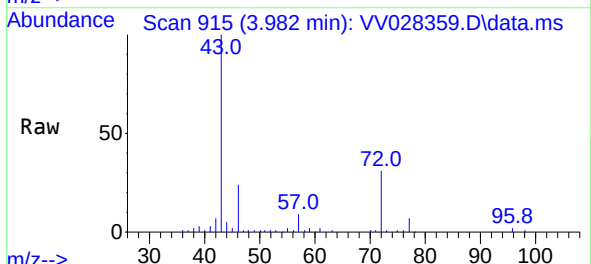
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

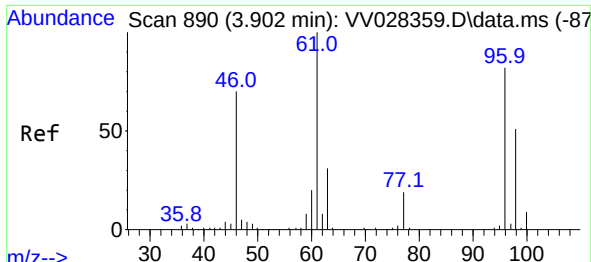
Tgt Ion: 63 Resp: 153423
Ion Ratio Lower Upper
63 100
65 32.6 23.0 42.8
83 13.6 9.2 17.2



#21
2-Butanone
Concen: 55.558 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.013 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion: 43 Resp: 154204
Ion Ratio Lower Upper
43 100
72 29.4 12.7 38.1

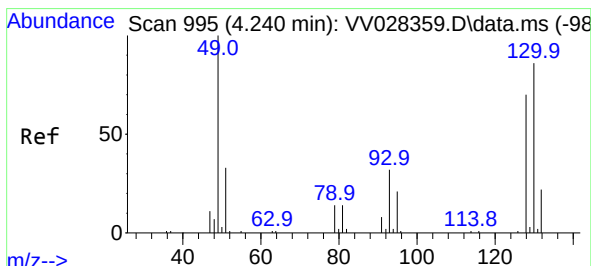
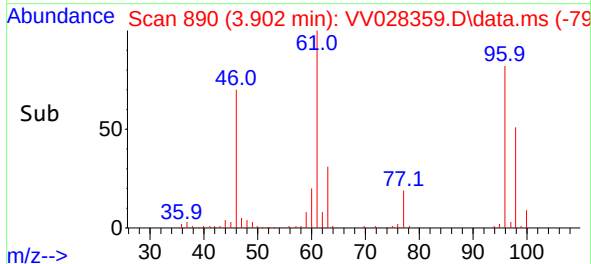
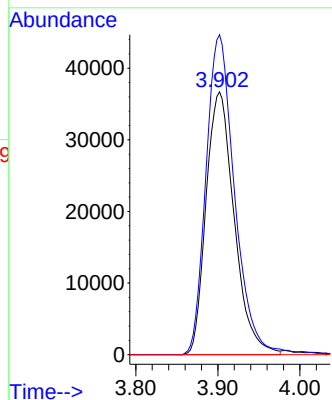
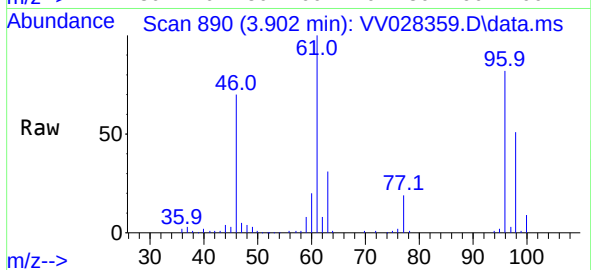




#22
cis-1,2-Dichloroethene
Concen: 5.310 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

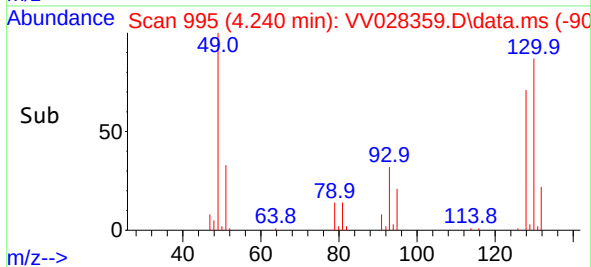
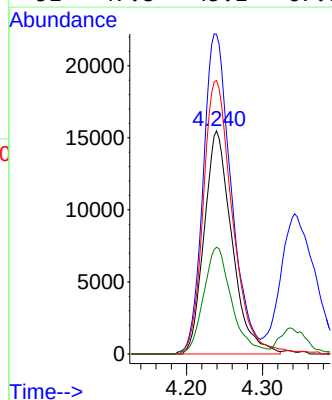
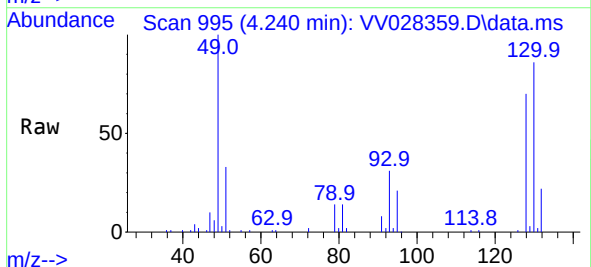
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

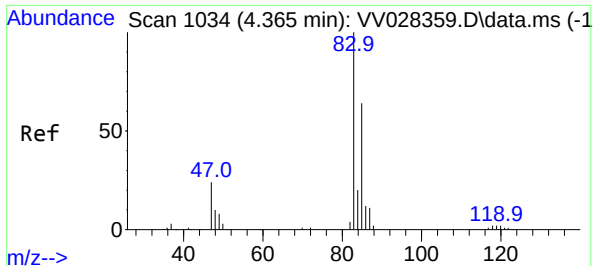
Tgt Ion: 96 Resp: 87495
Ion Ratio Lower Upper
96 100
61 121.8 87.2 161.9
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.371 ug/L
RT: 4.240 min Scan# 995
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion: 128 Resp: 39203
Ion Ratio Lower Upper
128 100
49 143.3 119.9 222.7
130 122.6 94.6 175.8
51 47.8 45.1 67.7





#25

Chloroform

Concen: 5.286 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV028359.D

Acq: 05 Oct 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

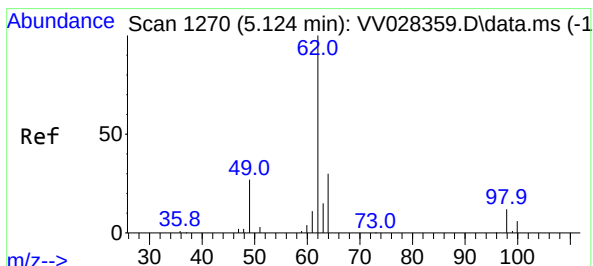
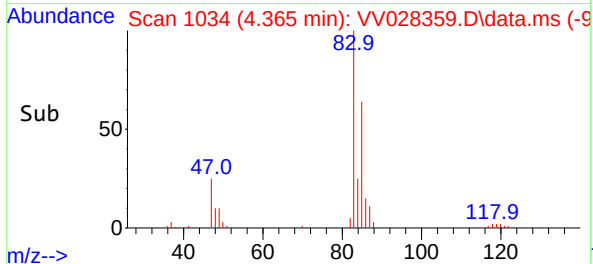
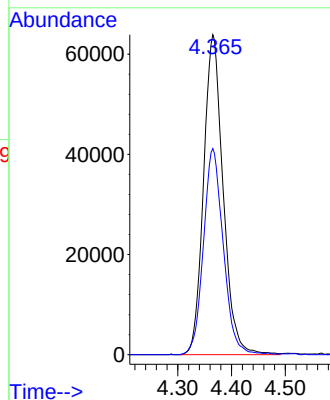
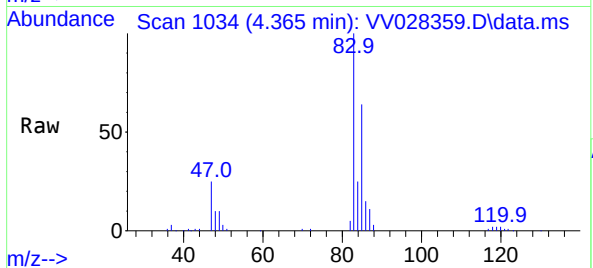
VSTD005321

Tgt Ion: 83 Resp: 161545

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.031 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV028359.D

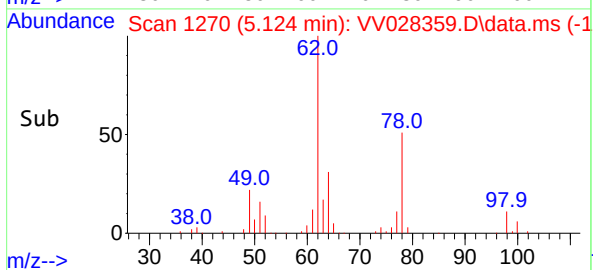
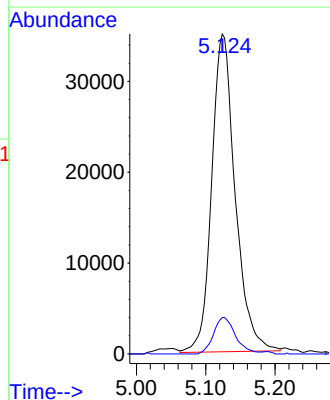
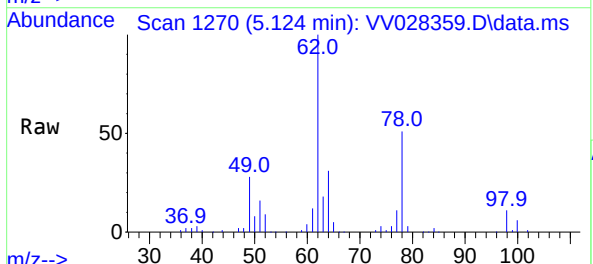
Acq: 05 Oct 2022 10:19

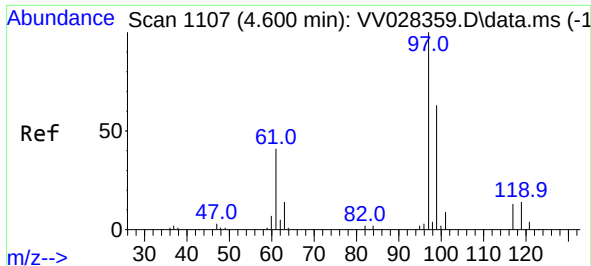
Tgt Ion: 62 Resp: 82378

Ion Ratio Lower Upper

62 100

98 11.4 6.7 10.1#

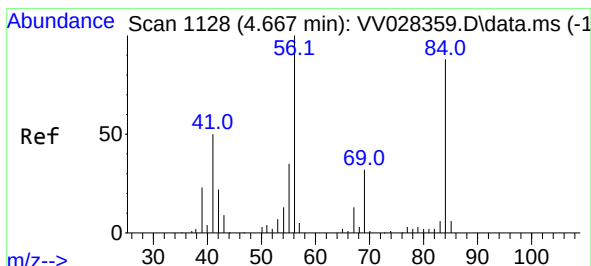
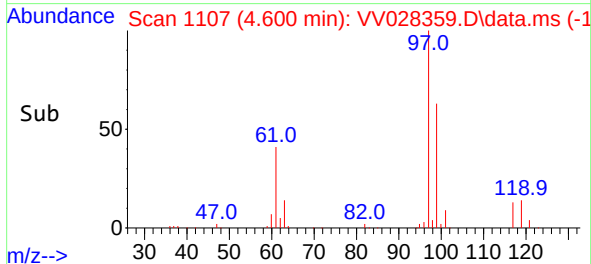
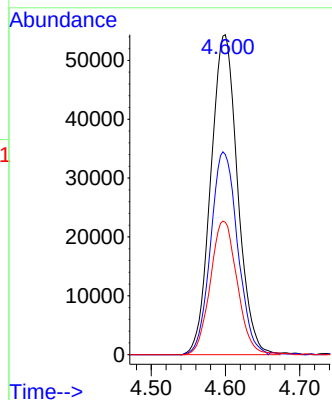
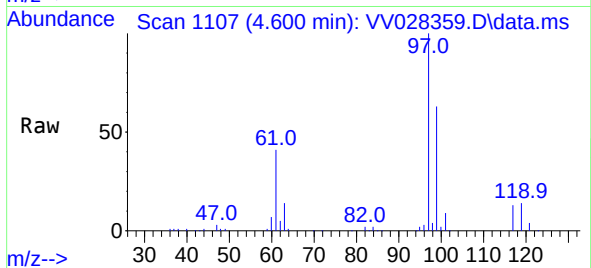




#29
1,1,1-Trichloroethane
Concen: 5.185 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

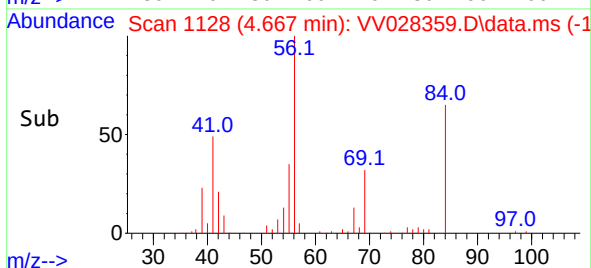
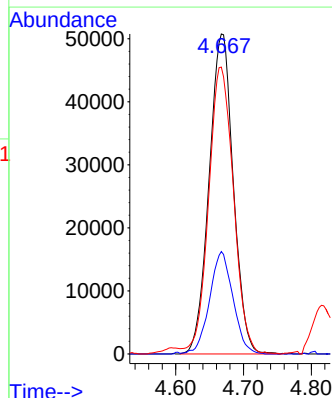
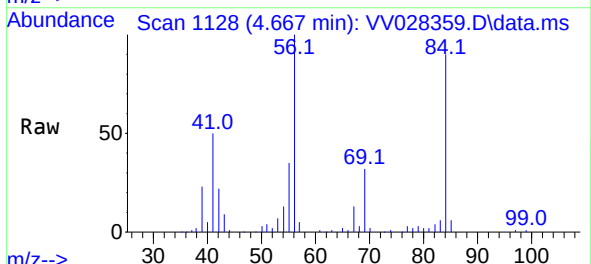
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

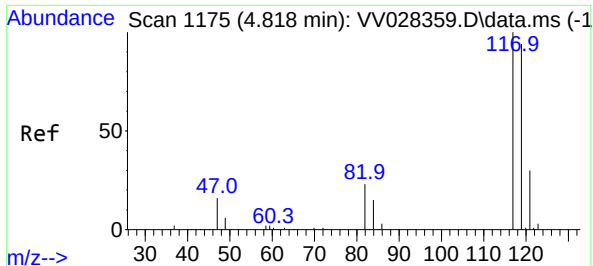
Tgt Ion: 97 Resp: 136359
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 42.0 34.8 52.2



#30
Cyclohexane
Concen: 5.556 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion: 56 Resp: 125896
Ion Ratio Lower Upper
56 100
69 31.0 23.7 35.5
84 92.2 67.3 100.9

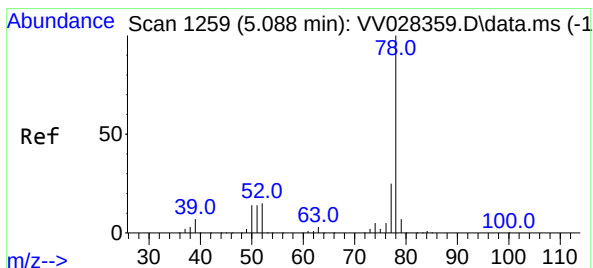
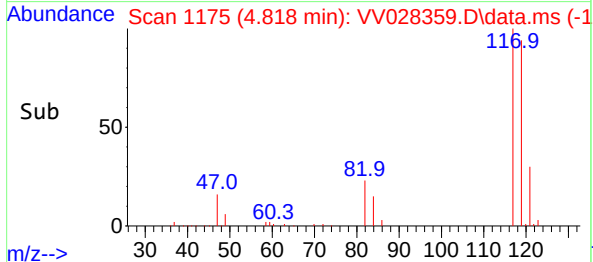
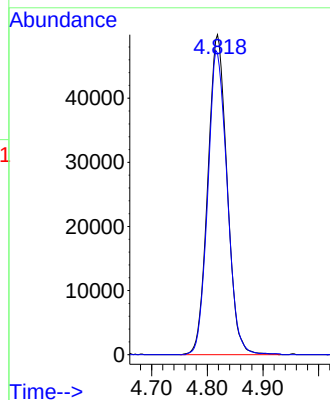
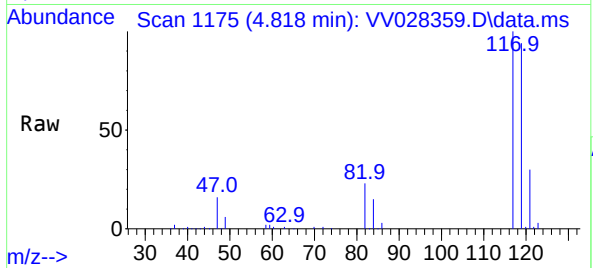




#31
Carbon tetrachloride
Concen: 5.075 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

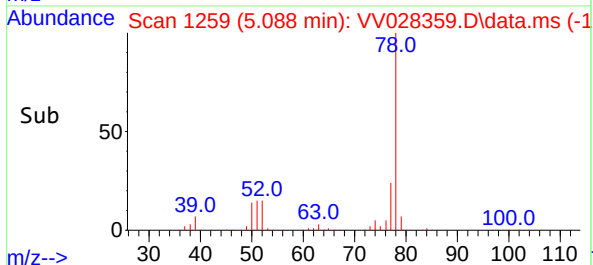
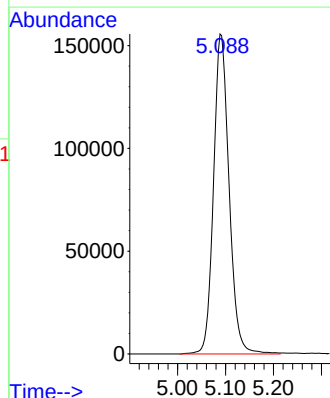
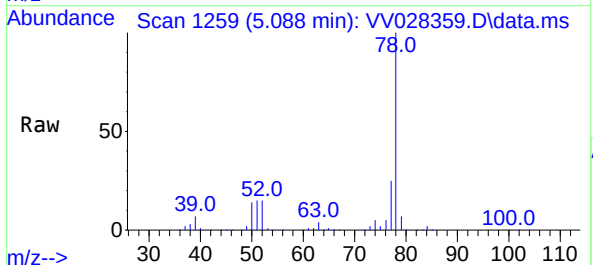
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

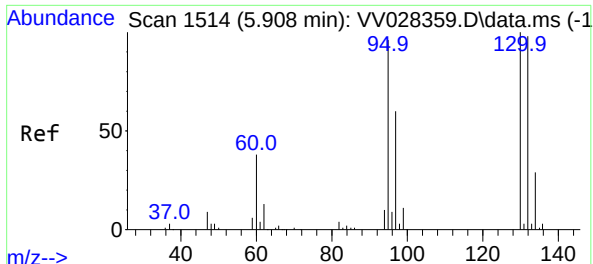
Tgt Ion:117 Resp: 119733
Ion Ratio Lower Upper
117 100
119 95.4 76.9 115.3



#33
Benzene
Concen: 5.518 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion: 78 Resp: 350235

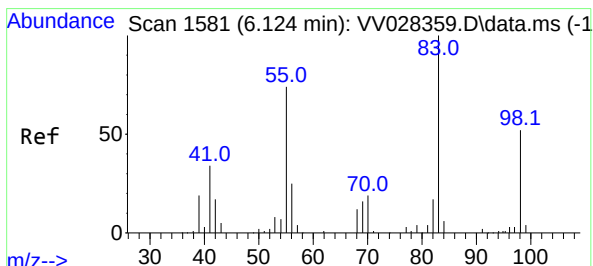
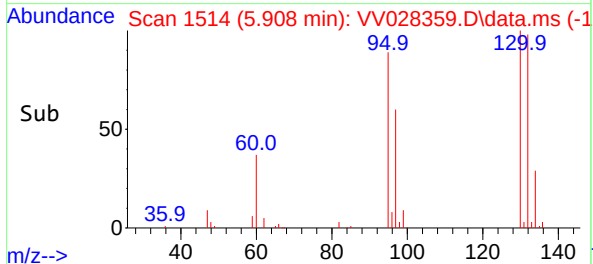
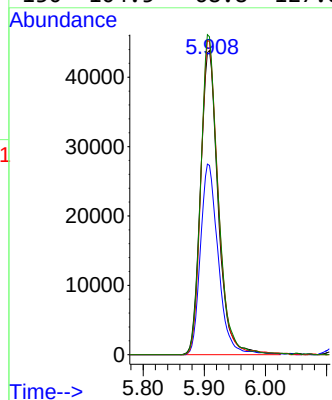
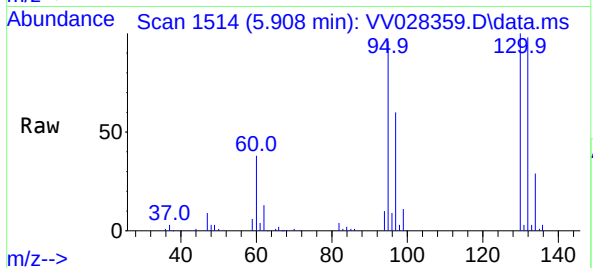




#34
Trichloroethene
Concen: 5.545 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

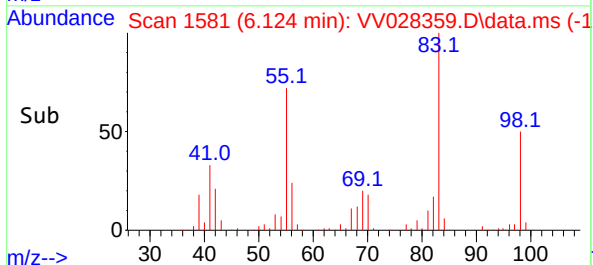
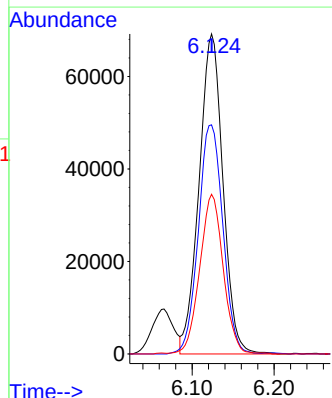
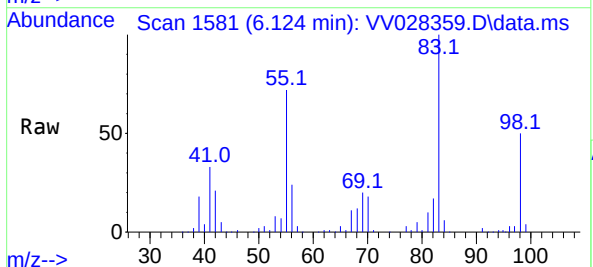
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

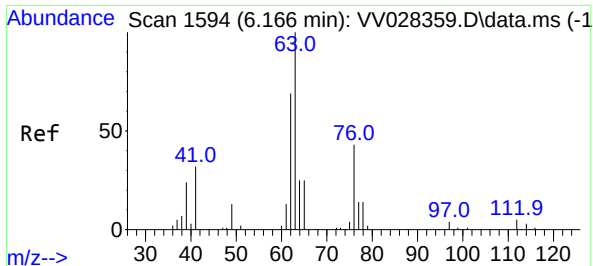
Tgt Ion: 95 Resp: 88125
Ion Ratio Lower Upper
95 100
97 62.2 44.2 82.0
132 102.9 67.8 126.0
130 104.5 68.8 127.8



#35
Methylcyclohexane
Concen: 5.393 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion: 83 Resp: 139909
Ion Ratio Lower Upper
83 100
55 73.6 64.7 97.1
98 49.3 39.5 59.3





#37

1,2-Dichloropropane

Concen: 5.667 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028359.D

Acq: 05 Oct 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

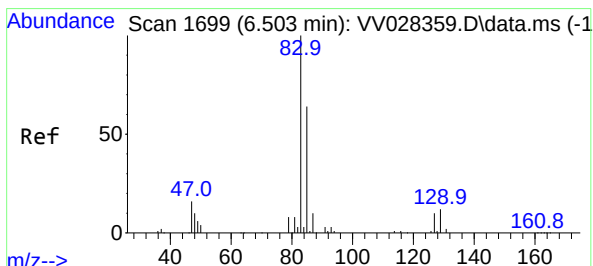
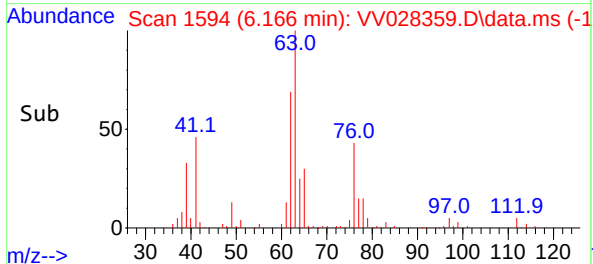
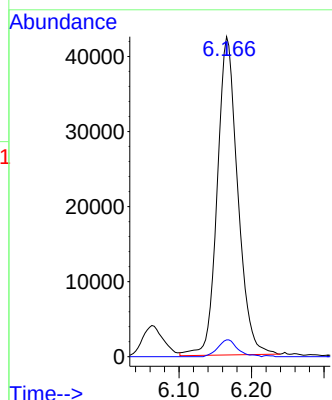
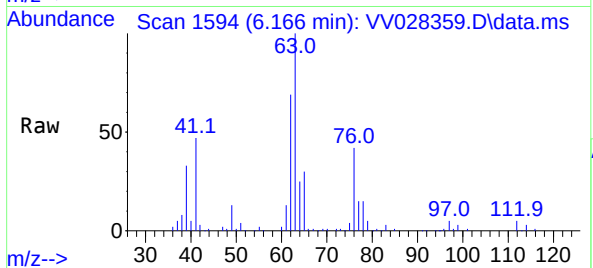
VSTD005321

Tgt Ion: 63 Resp: 83306

Ion Ratio Lower Upper

63 100

112 5.1 3.5 5.3



#38

Bromodichloromethane

Concen: 5.179 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV028359.D

Acq: 05 Oct 2022 10:19

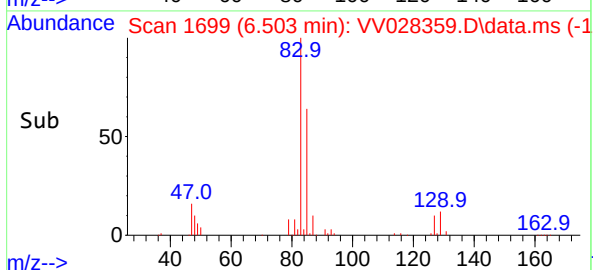
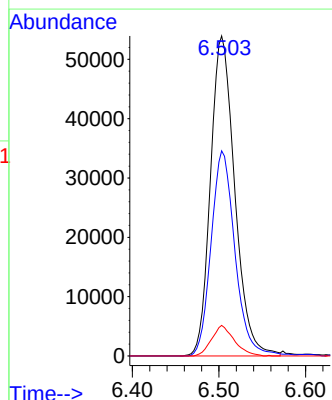
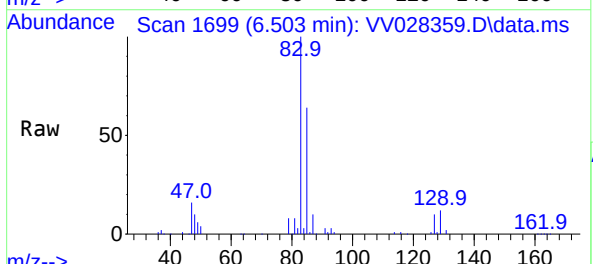
Tgt Ion: 83 Resp: 105002

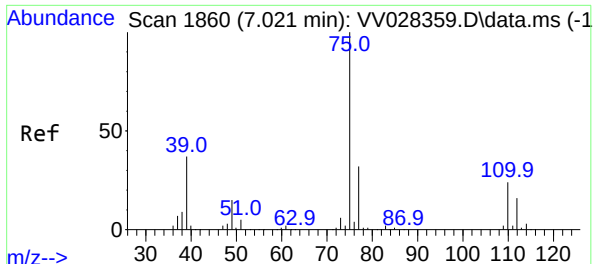
Ion Ratio Lower Upper

83 100

85 64.1 43.8 81.4

127 9.5 6.3 9.5#

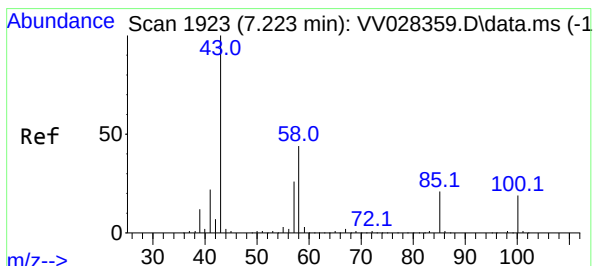
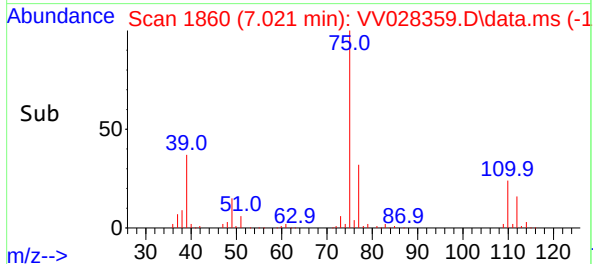
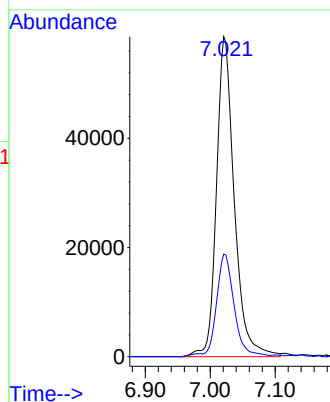
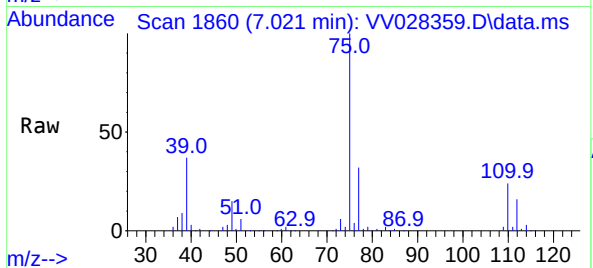




#39
 cis-1,3-Dichloropropene
 Concen: 5.315 ug/L
 RT: 7.021 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV028359.D
 Acq: 05 Oct 2022 10:19

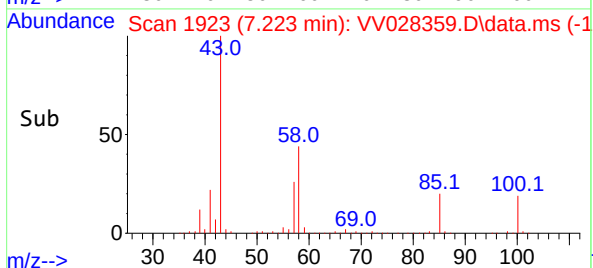
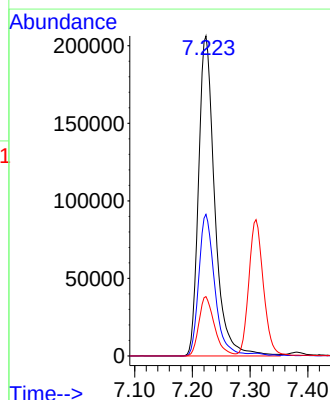
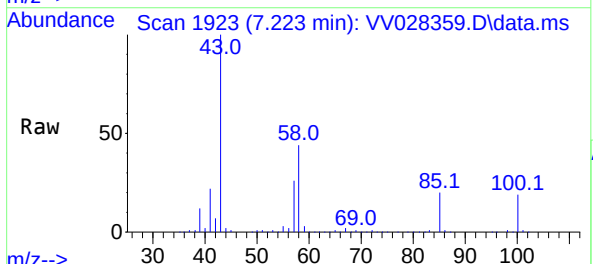
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

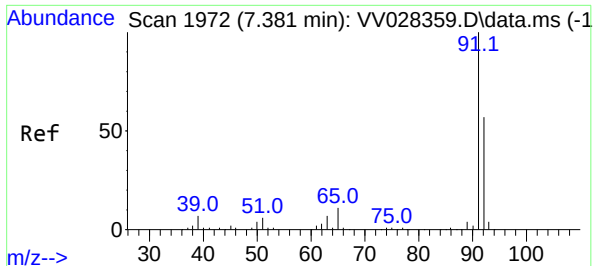
Tgt Ion: 75 Resp: 111517
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 59.503 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV028359.D
 Acq: 05 Oct 2022 10:19

Tgt Ion: 43 Resp: 401859
 Ion Ratio Lower Upper
 43 100
 58 43.5 32.2 48.4
 100 17.9 12.7 19.1





#42

Toluene

Concen: 5.632 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.003 min

Lab File: VV028359.D

Acq: 05 Oct 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

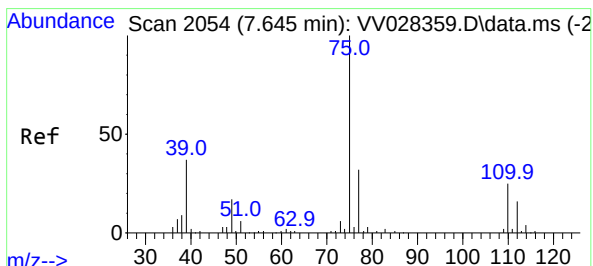
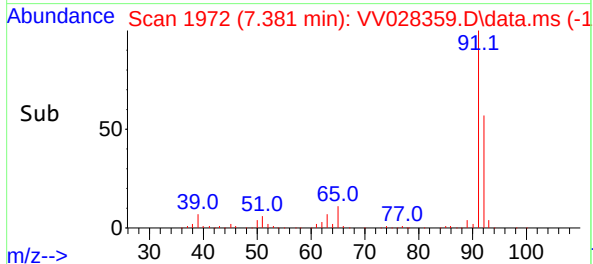
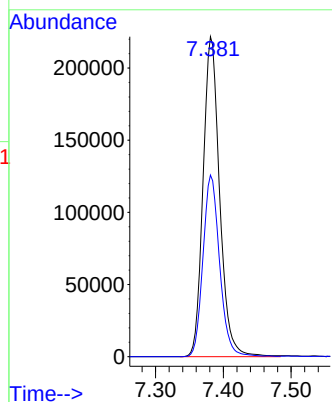
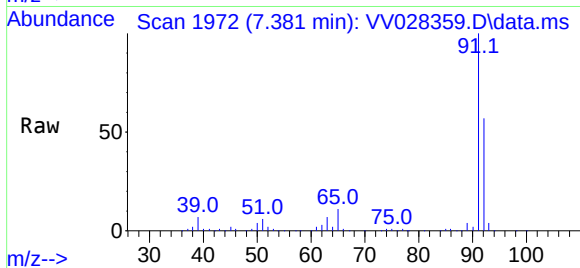
VSTD005321

Tgt Ion: 91 Resp: 376174

Ion Ratio Lower Upper

91 100

92 56.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.257 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV028359.D

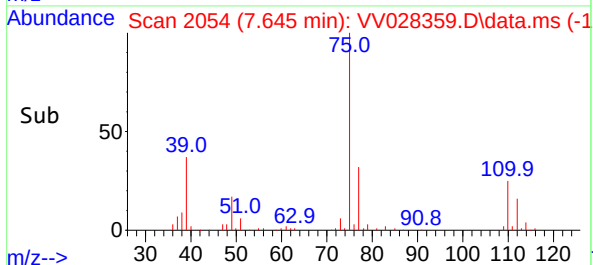
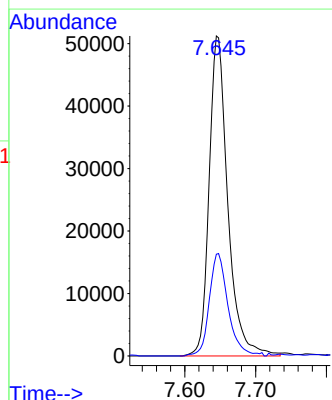
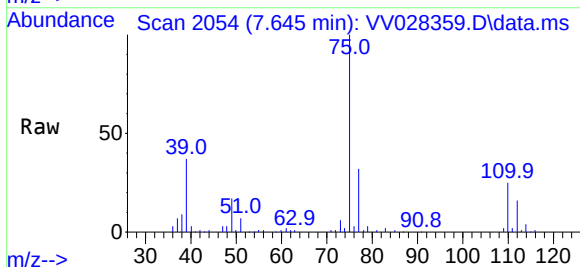
Acq: 05 Oct 2022 10:19

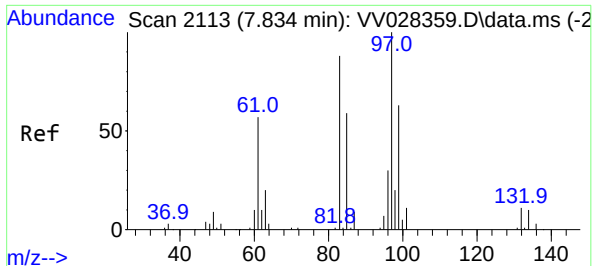
Tgt Ion: 75 Resp: 93713

Ion Ratio Lower Upper

75 100

77 31.8 23.9 44.3





#45

1,1,2-Trichloroethane

Concen: 5.367 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.003 min

Lab File: VV028359.D

Acq: 05 Oct 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005321

Tgt Ion: 97 Resp: 58514

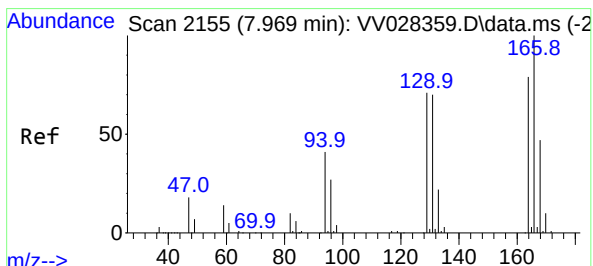
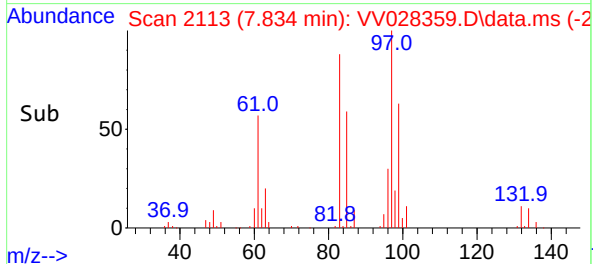
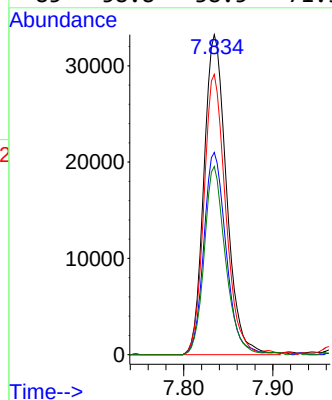
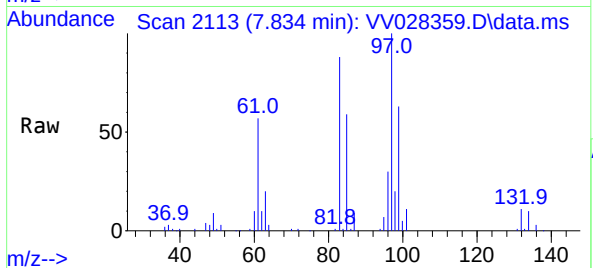
Ion Ratio Lower Upper

97 100

99 63.2 43.2 80.2

83 87.6 59.1 109.9

85 58.8 38.5 71.5



#47

Tetrachloroethene

Concen: 5.379 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028359.D

Acq: 05 Oct 2022 10:19

Tgt Ion:164 Resp: 74707

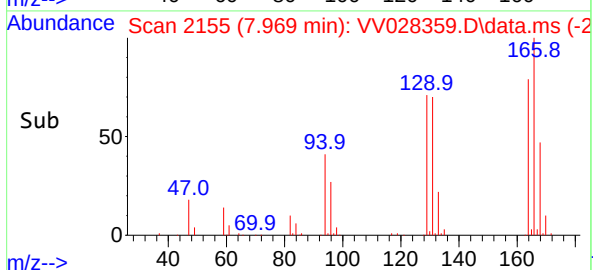
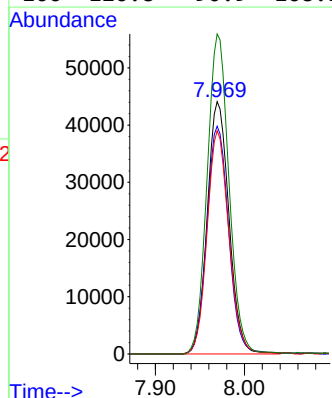
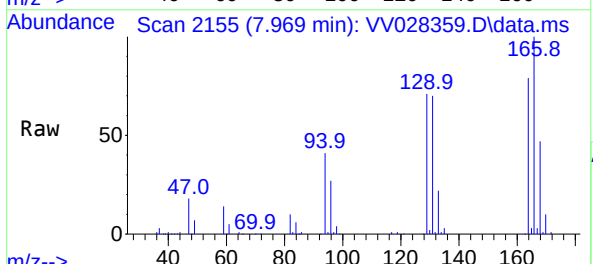
Ion Ratio Lower Upper

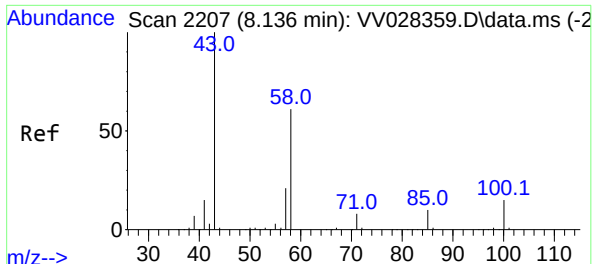
164 100

129 90.2 66.7 123.9

131 88.4 61.7 114.5

166 126.8 90.9 168.9

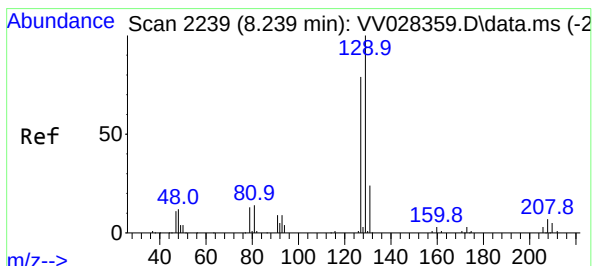
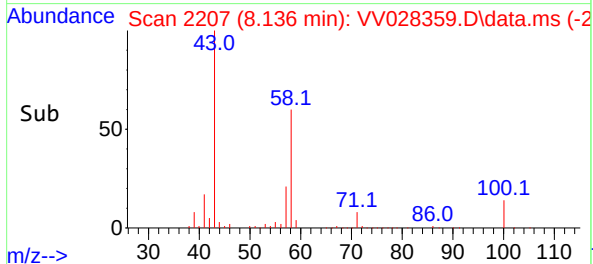
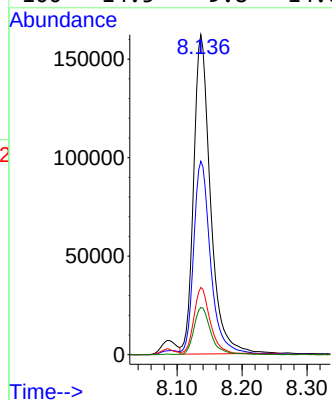
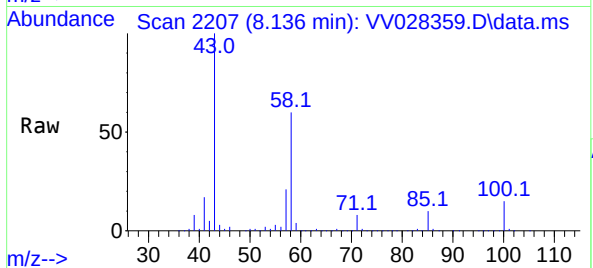




#48
2-Hexanone
Concen: 61.942 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.001 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

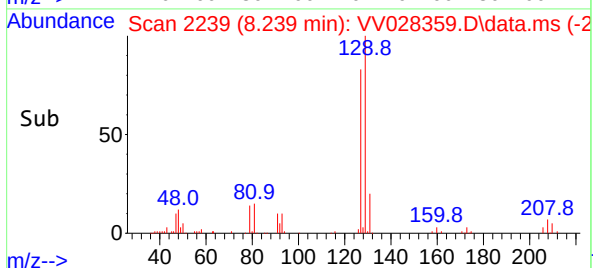
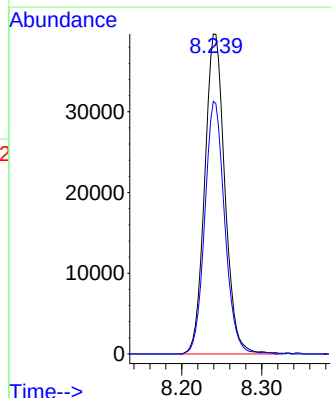
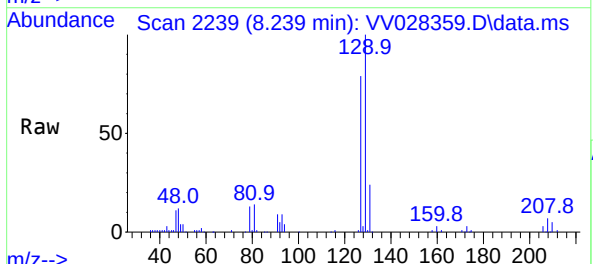
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

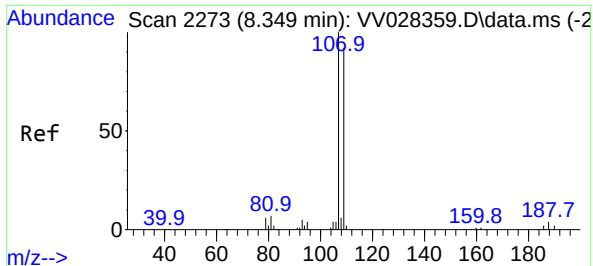
Tgt Ion: 43 Resp: 292992
Ion Ratio Lower Upper
43 100
58 60.1 45.7 68.5
57 19.9 15.5 23.3
100 14.5 9.8 14.6



#49
Dibromochloromethane
Concen: 5.031 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion: 129 Resp: 69430
Ion Ratio Lower Upper
129 100
127 79.0 54.3 100.9

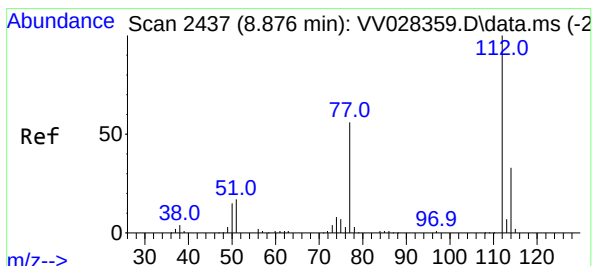
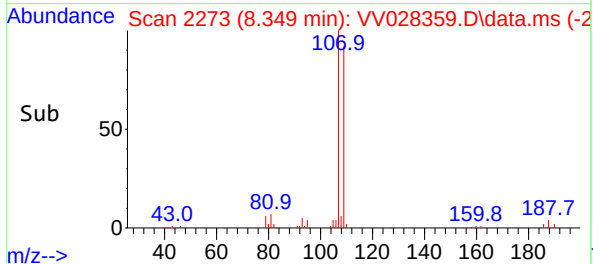
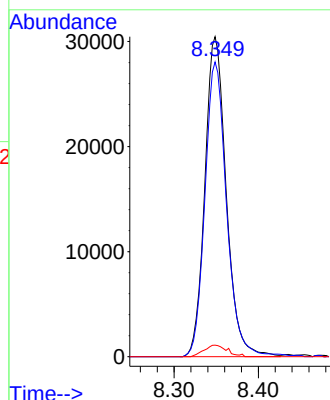
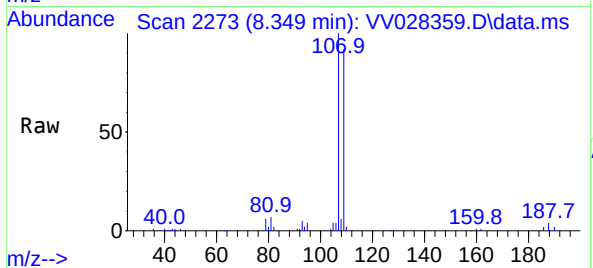




#50
1,2-Dibromoethane
Concen: 5.487 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

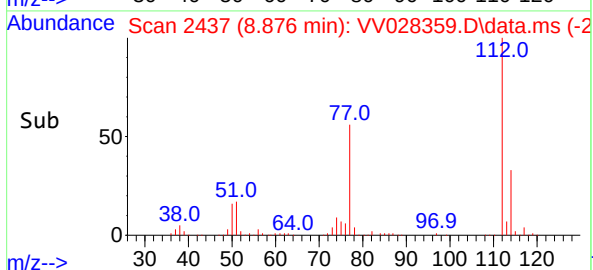
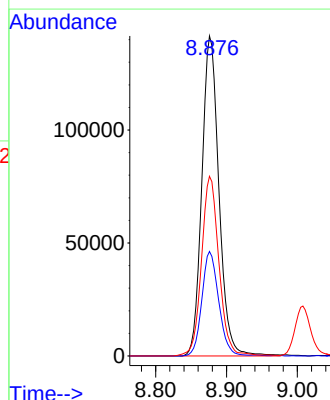
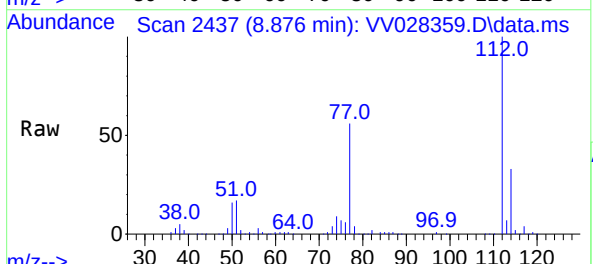
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

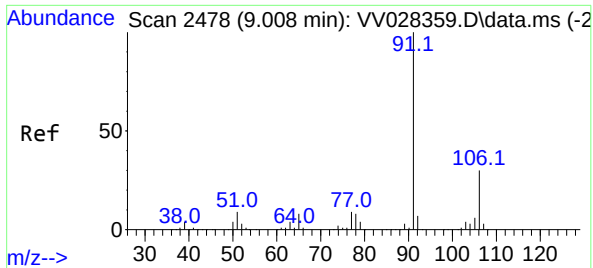
Tgt Ion:107 Resp: 53838
Ion Ratio Lower Upper
107 100
109 92.1 65.9 122.5
188 3.6 3.4 5.0



#51
Chlorobenzene
Concen: 5.342 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion:112 Resp: 237279
Ion Ratio Lower Upper
112 100
114 32.7 22.5 41.7
77 56.1 46.1 69.1

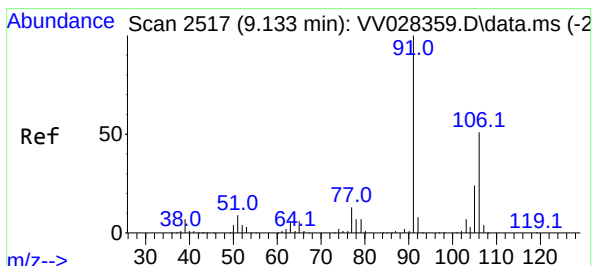
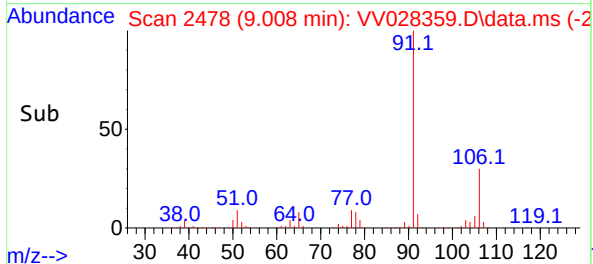
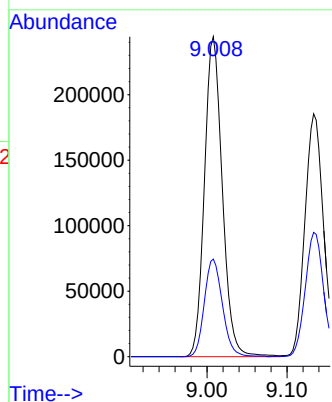
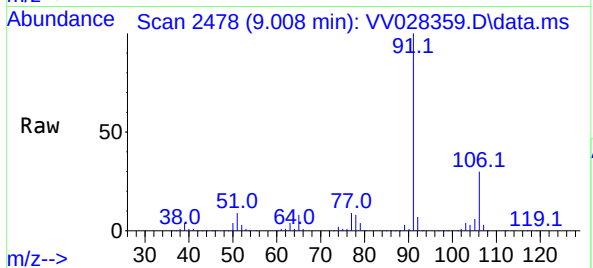




#52
Ethylbenzene
Concen: 5.418 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

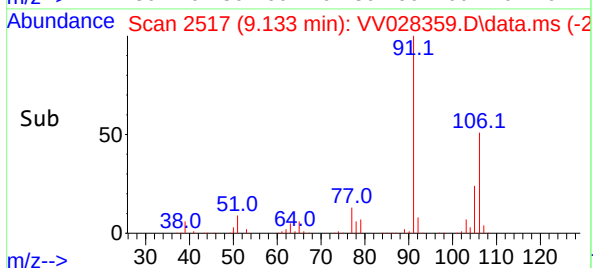
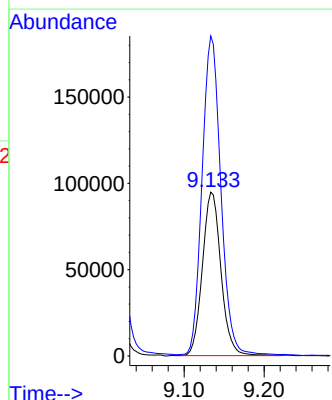
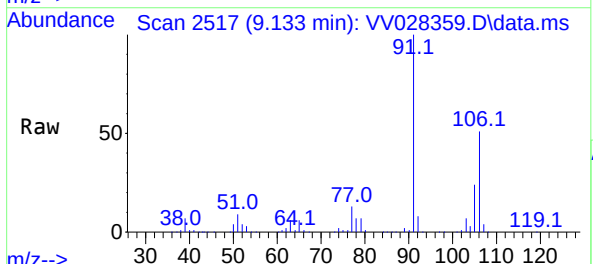
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

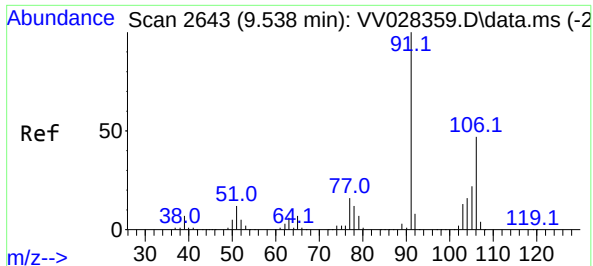
Tgt Ion: 91 Resp: 380256
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 5.473 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion: 106 Resp: 153122
Ion Ratio Lower Upper
106 100
91 195.3 141.9 263.5

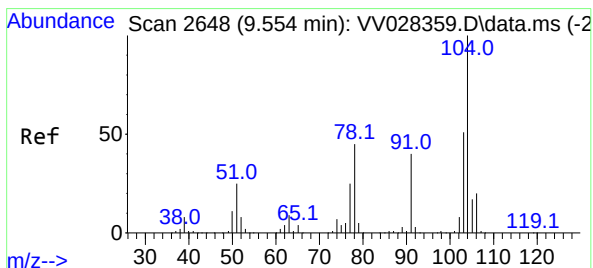
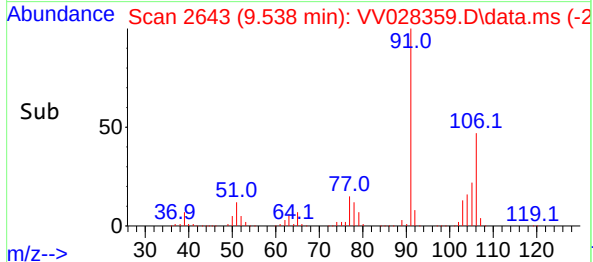
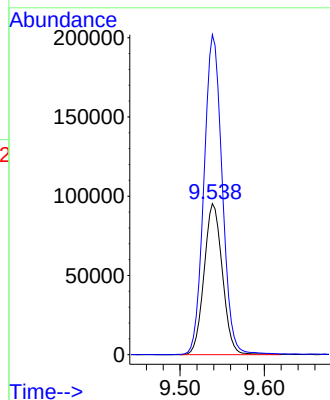
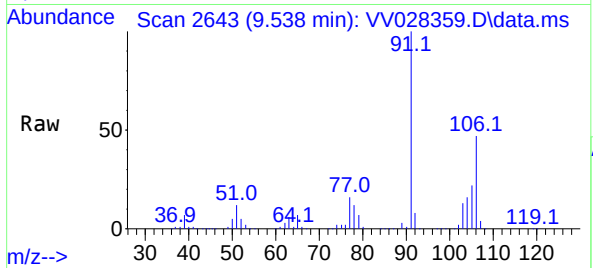




#54
o-Xylene
Concen: 5.453 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

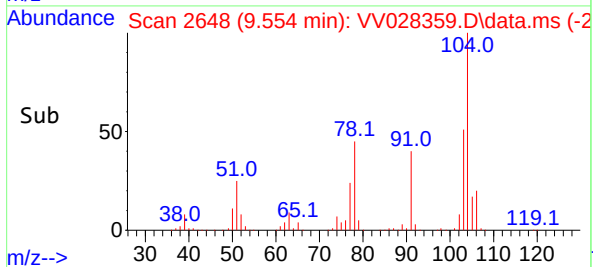
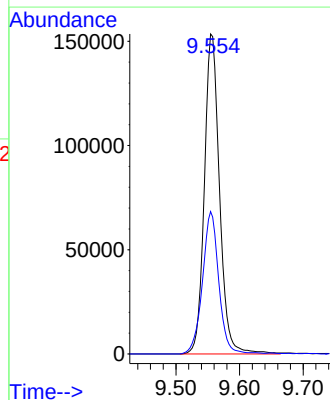
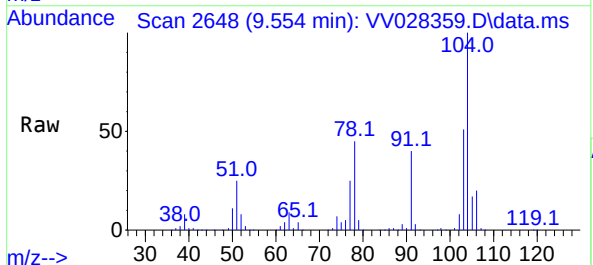
Instrument : MSVOA_V
ClientSampleId : VSTD005321

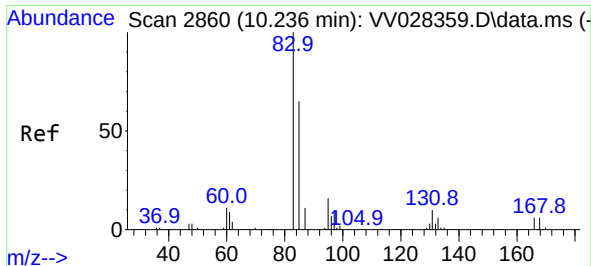
Tgt Ion:106 Resp: 144304
Ion Ratio Lower Upper
106 100
91 211.8 148.1 275.0



#55
Styrene
Concen: 5.596 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion:104 Resp: 254508
Ion Ratio Lower Upper
104 100
78 44.5 31.0 57.6

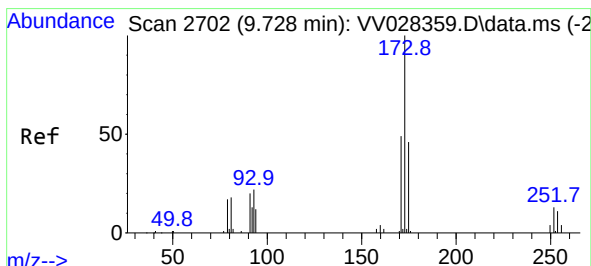
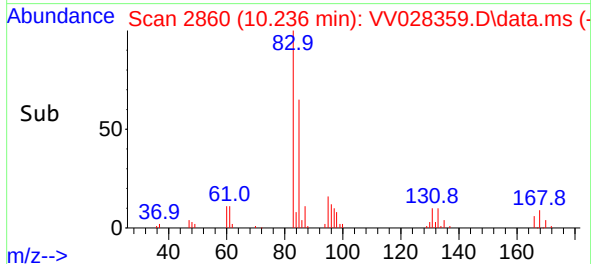
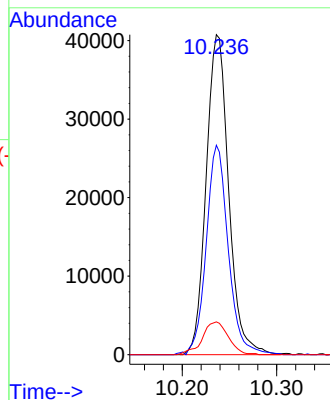
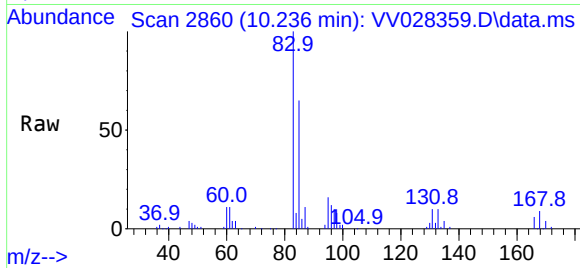




#57
1,1,2,2-Tetrachloroethane
Concen: 5.451 ug/L
RT: 10.236 min Scan# 2860
Delta R.T. -0.003 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

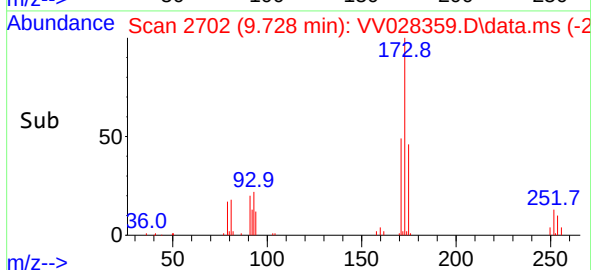
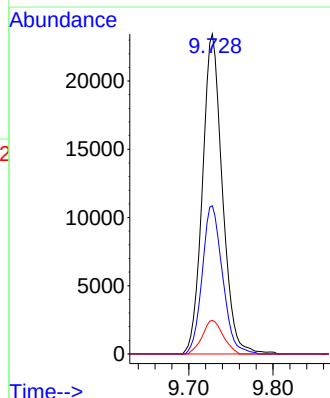
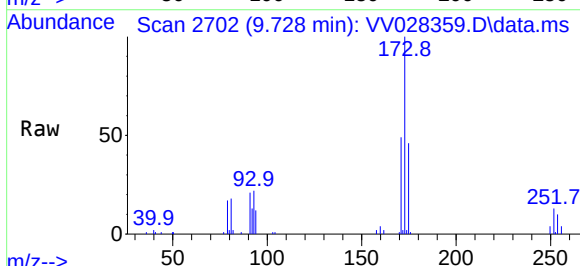
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

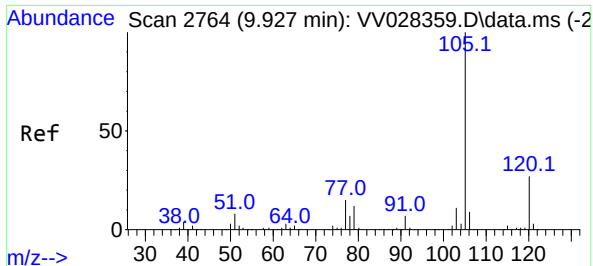
Tgt Ion: 83 Resp: 67430
Ion Ratio Lower Upper
83 100
85 65.4 45.2 84.0
131 10.2 7.8 11.8



#59
Bromoform
Concen: 4.932 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion: 173 Resp: 38601
Ion Ratio Lower Upper
173 100
175 47.2 39.0 58.4
254 10.9 8.7 13.1

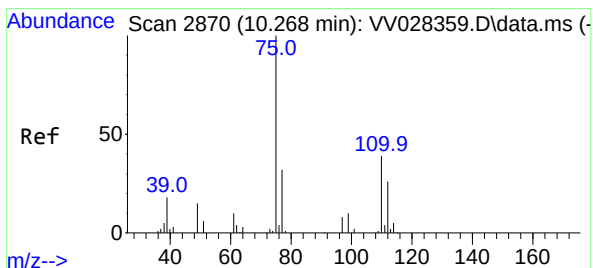
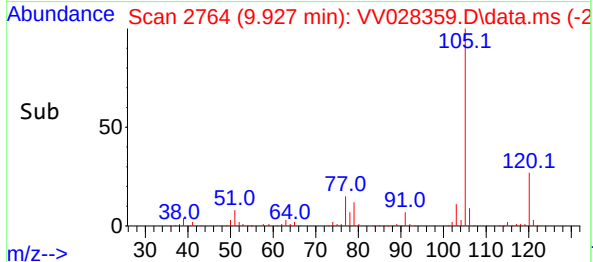
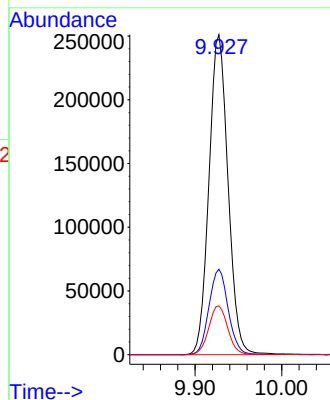
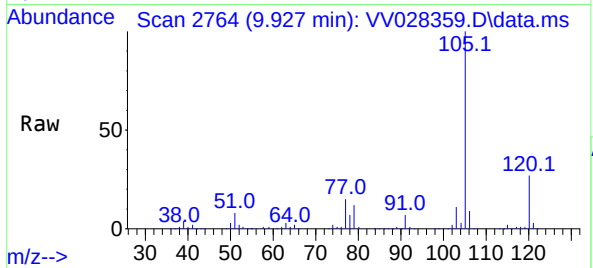




#60
Isopropylbenzene
Concen: 5.269 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

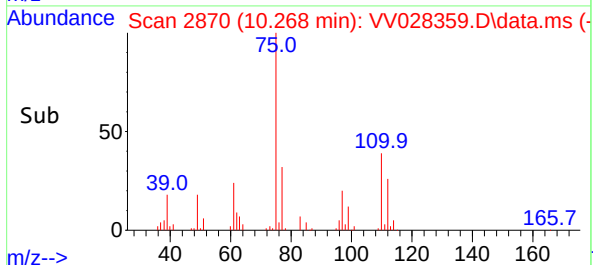
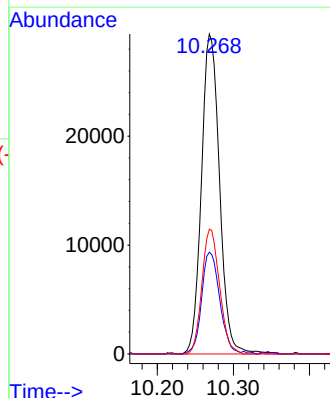
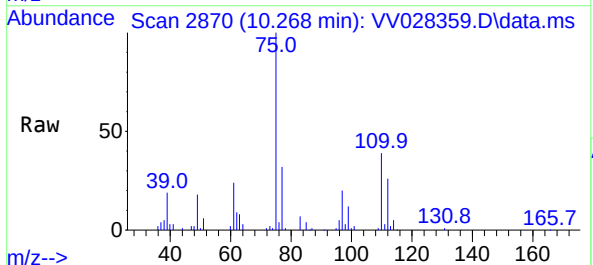
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

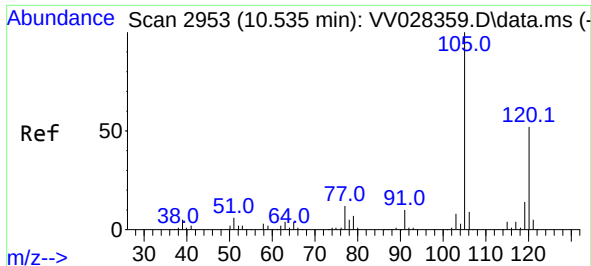
Tgt Ion:105 Resp: 383164
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.312 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion: 75 Resp: 48709
Ion Ratio Lower Upper
75 100
77 31.8 26.7 40.1
110 38.0 30.1 45.1

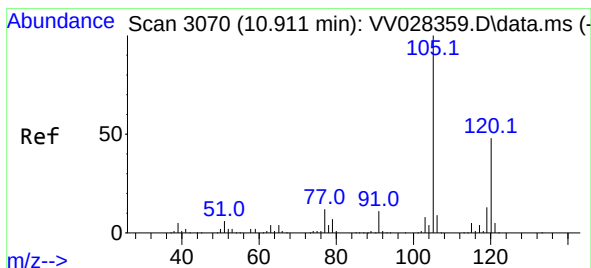
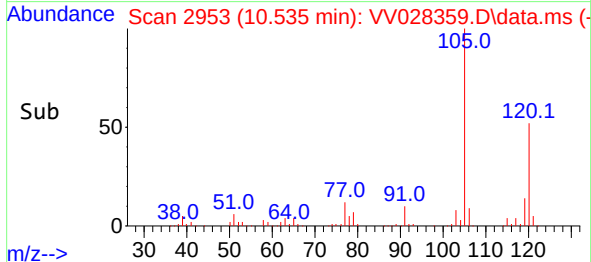
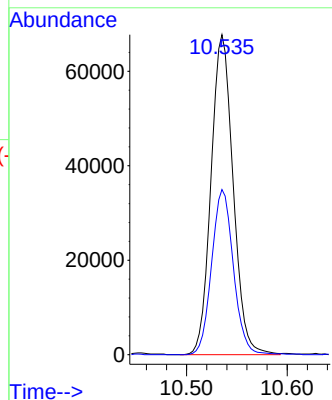
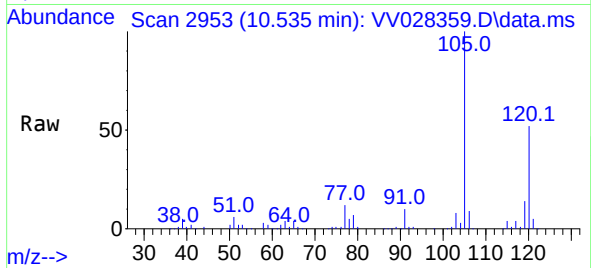




#62
1,3,5-Trimethylbenzene
Concen: 5.005 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

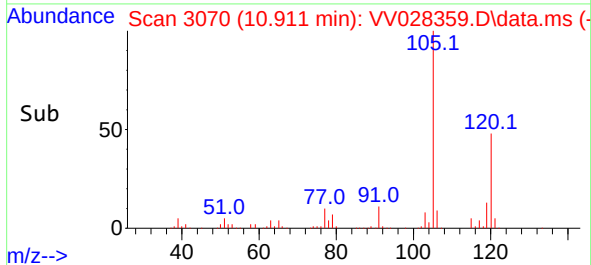
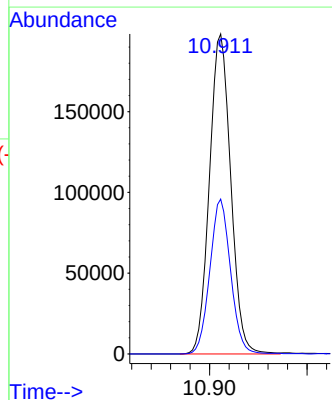
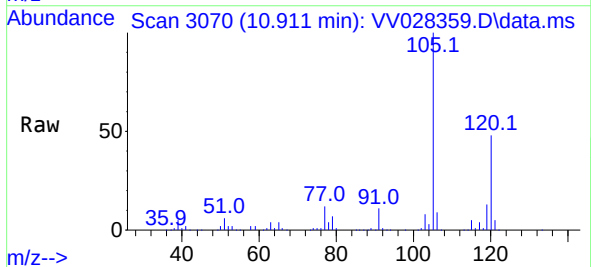
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

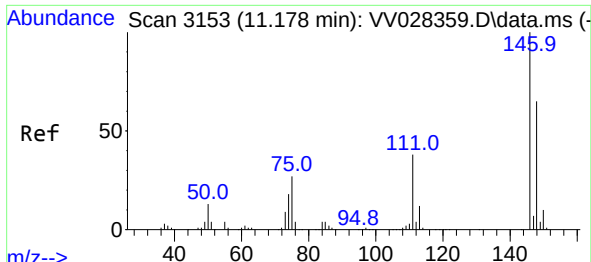
Tgt Ion:105 Resp: 103428
Ion Ratio Lower Upper
105 100
120 50.9 40.6 61.0



#63
1,2,4-Trimethylbenzene
Concen: 5.131 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion:105 Resp: 300492
Ion Ratio Lower Upper
105 100
120 47.1 37.8 56.8

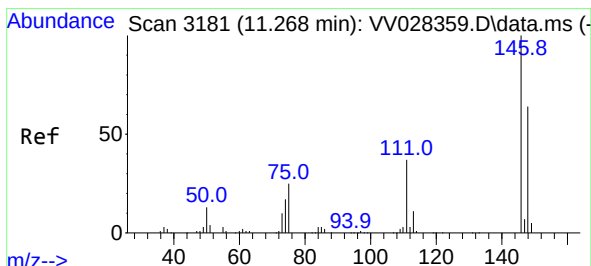
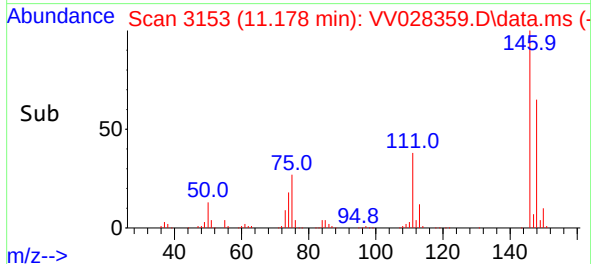
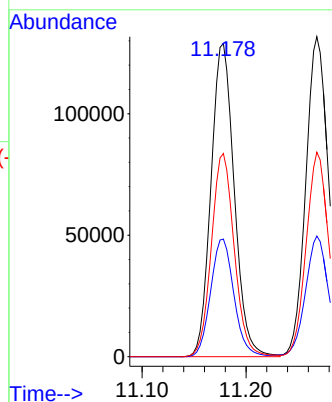
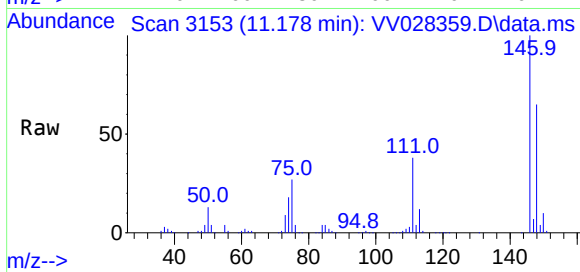




#64
1,3-Dichlorobenzene
Concen: 5.601 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

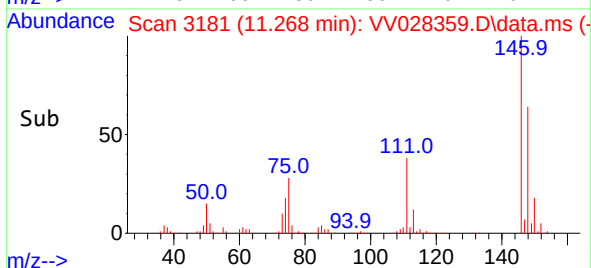
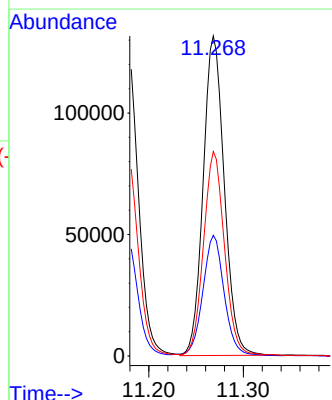
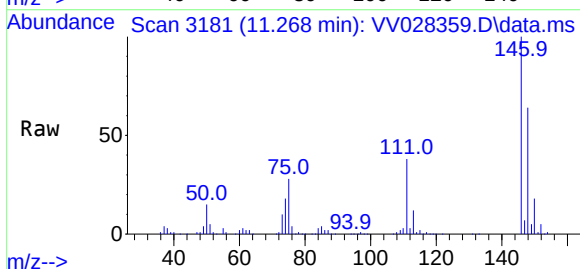
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

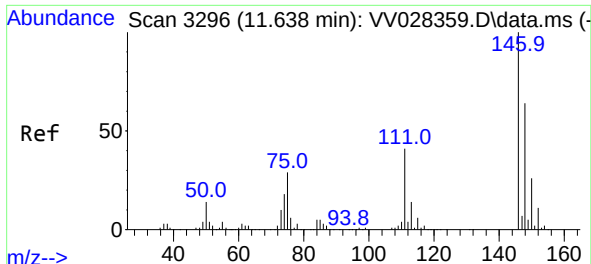
Tgt Ion:146 Resp: 200102
Ion Ratio Lower Upper
146 100
111 37.6 27.1 50.3
148 64.9 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.701 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion:146 Resp: 203925
Ion Ratio Lower Upper
146 100
111 37.7 26.2 48.8
148 63.9 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.575 ug/L

RT: 11.638 min Scan# 3296

Delta R.T. -0.003 min

Lab File: VV028359.D

Acq: 05 Oct 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005321

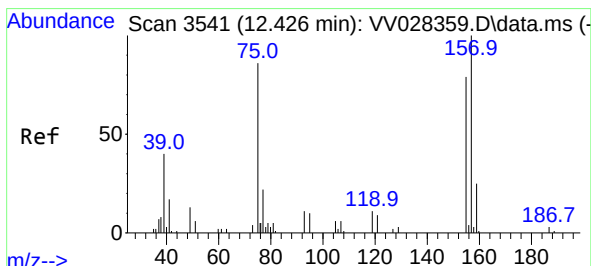
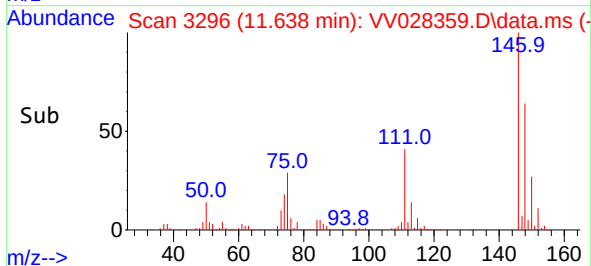
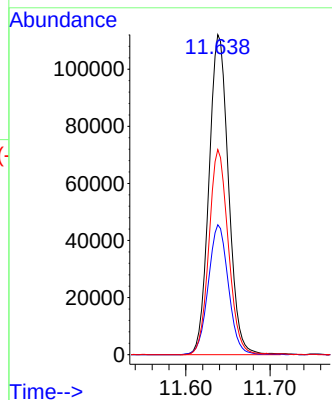
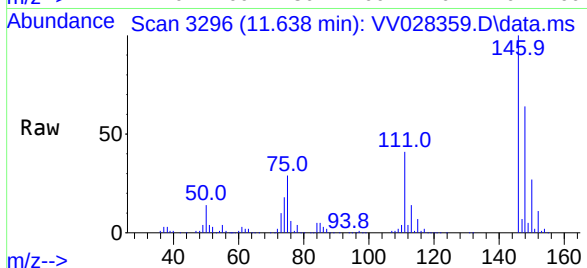
Tgt Ion:146 Resp: 180621

Ion Ratio Lower Upper

146 100

111 40.6 32.6 49.0

148 64.1 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.943 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV028359.D

Acq: 05 Oct 2022 10:19

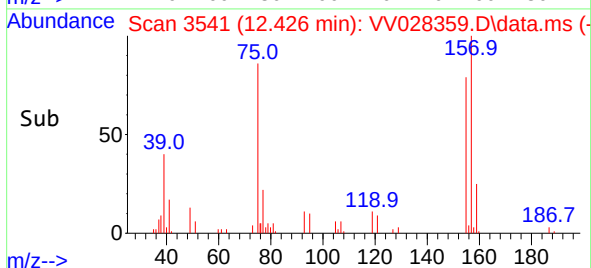
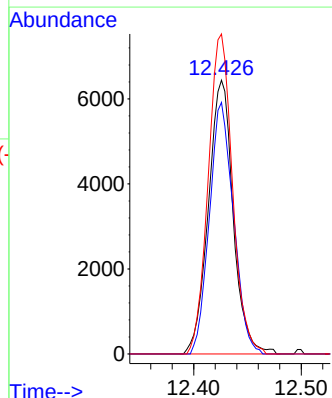
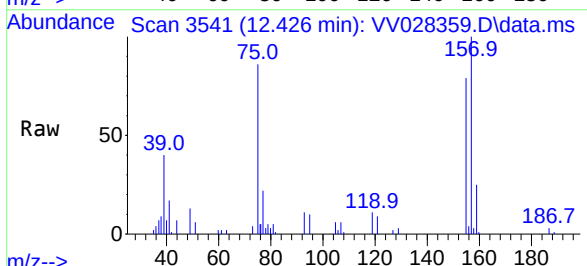
Tgt Ion: 75 Resp: 10324

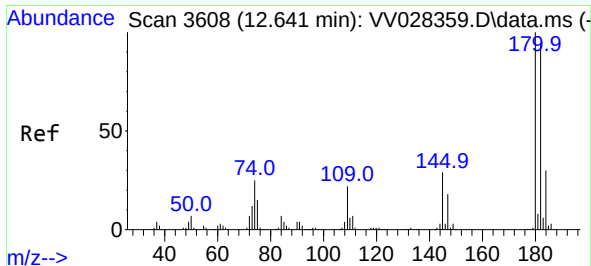
Ion Ratio Lower Upper

75 100

155 91.9 73.6 110.4

157 116.9 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 5.337 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VV028359.D

Acq: 05 Oct 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005321

Tgt Ion:180 Resp: 150789

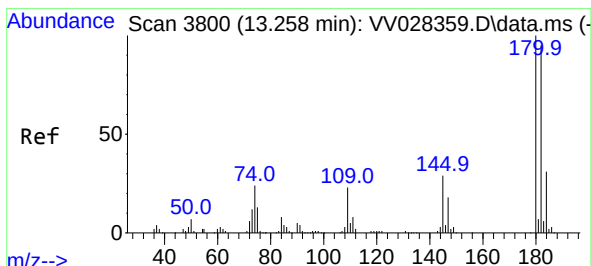
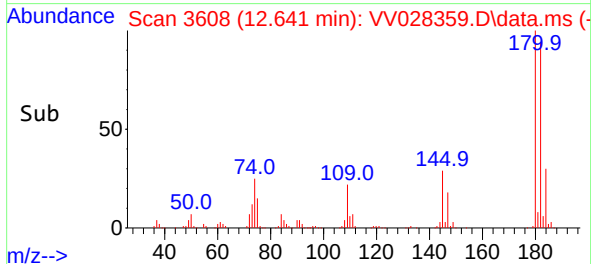
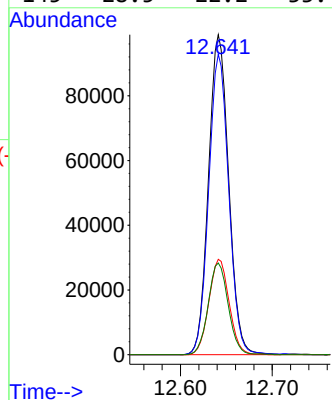
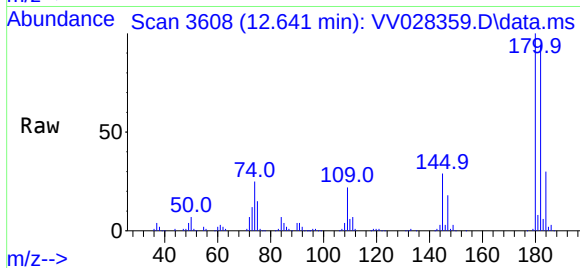
Ion Ratio Lower Upper

180 100

182 93.3 75.5 113.3

184 30.1 23.7 35.5

145 28.5 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 5.586 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV028359.D

Acq: 05 Oct 2022 10:19

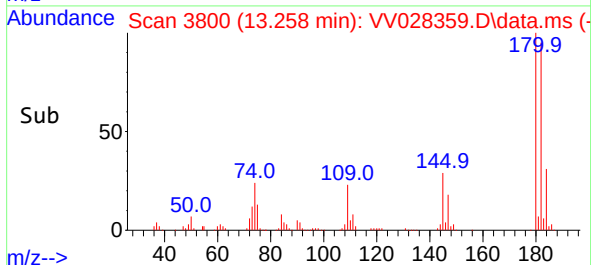
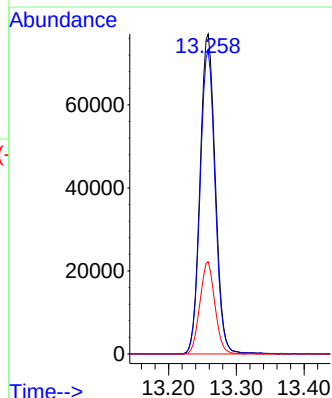
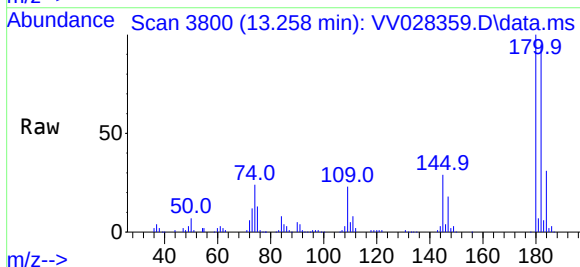
Tgt Ion:180 Resp: 120287

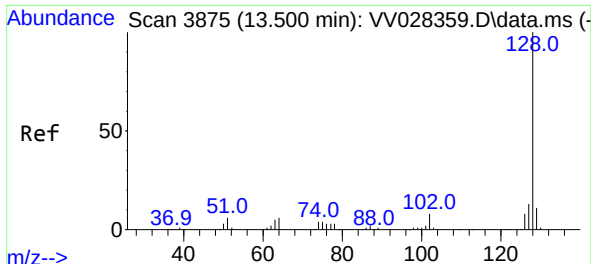
Ion Ratio Lower Upper

180 100

182 93.6 76.3 114.5

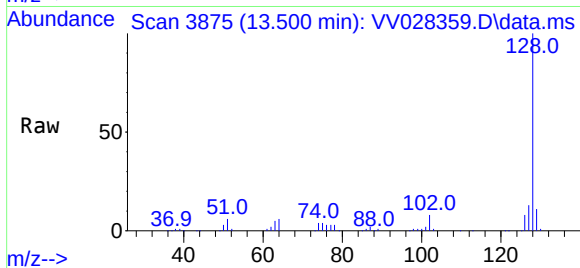
145 28.3 22.9 34.3



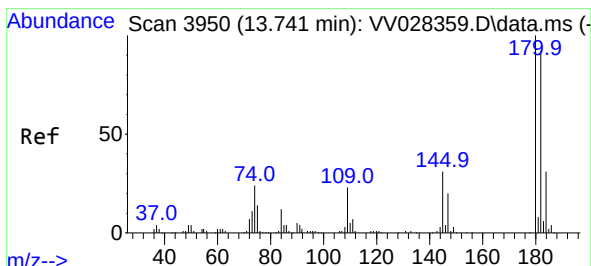
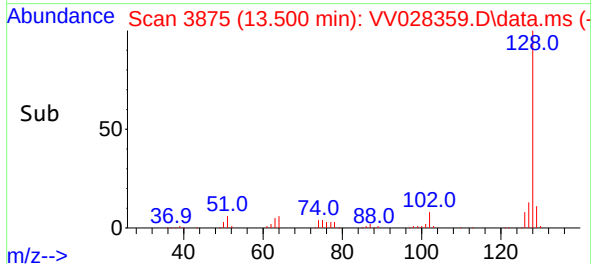
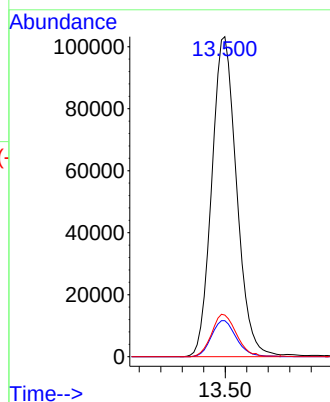


#71
Naphthalene
Concen: 4.921 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005321



Tgt Ion:128 Resp: 165511
Ion Ratio Lower Upper
128 100
129 11.3 8.2 12.2
127 13.3 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.422 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV028359.D
Acq: 05 Oct 2022 10:19

Tgt Ion:180 Resp: 105257
Ion Ratio Lower Upper
180 100
182 93.5 77.4 116.0
145 31.1 24.6 36.8

