

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VV029158.D
 Acq On : 19 Nov 2022 08:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005357

Quant Time: Nov 20 00:49:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:44:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	345988	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	320129	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	159384	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	130868	6.204	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.000%
7) Chloroethane-d5	1.568	69	98624	5.319	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.108	63	208696	5.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.600%
20) 2-Butanone-d5	3.899	46	201205	56.984	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.960%
24) Chloroform-d	4.343	84	203252	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.027	65	90696	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.043	84	440715	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.066	67	123785	4.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.310	98	406536	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.619	79	39921	4.587	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.085	63	178295	47.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.000%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	87590	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	135665	4.758	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	127290	4.413	ug/L	98
3) Chloromethane	1.240	50	120161	5.020	ug/L	99
5) Vinyl chloride	1.311	62	132372	4.848	ug/L	97
6) Bromomethane	1.523	94	68383	4.190	ug/L	97
8) Chloroethane	1.584	64	79699	4.967	ug/L	96
9) Trichlorofluoromethane	1.751	101	179045	4.863	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	102756	4.930	ug/L	100
12) 1,1-Dichloroethene	2.114	96	102265	4.883	ug/L #	79
13) Acetone	2.188	43	100800	44.380	ug/L	93
14) Carbon disulfide	2.291	76	298355	4.011	ug/L	100
15) Methyl Acetate	2.439	43	29911	5.426	ug/L	95
16) Methylene chloride	2.503	84	114517	4.229	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	219202	4.882	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	114566	4.716	ug/L	98
19) 1,1-Dichloroethane	3.185	63	195021	4.911	ug/L	100
21) 2-Butanone	3.982	43	154825	44.028	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	118149	4.784	ug/L	98
23) Bromochloromethane	4.243	128	50665	4.851	ug/L	90
25) Chloroform	4.368	83	203198	4.881	ug/L	94

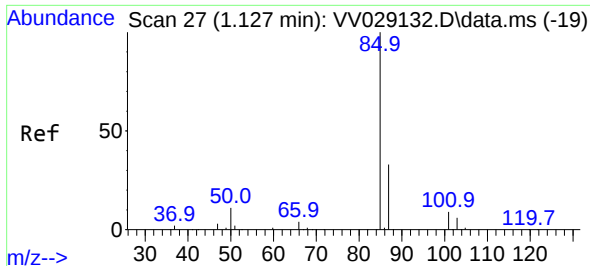
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	105625	4.926	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	170397	4.536	ug/L	98
30) Cyclohexane	4.670	56	175428	4.595	ug/L	96
31) Carbon tetrachloride	4.822	117	138050	4.267	ug/L	99
33) Benzene	5.095	78	461841	4.721	ug/L	100
34) Trichloroethene	5.908	95	114327	4.565	ug/L	98
35) Methylcyclohexane	6.127	83	190896	4.337	ug/L	97
37) 1,2-Dichloropropane	6.169	63	109760	4.865	ug/L	99
38) Bromodichloromethane	6.506	83	127238	4.454	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	134857	4.282	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	517268	53.295	ug/L	99
42) Toluene	7.381	91	495060	4.684	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	102988	4.212	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	75467	5.110	ug/L	97
47) Tetrachloroethene	7.969	164	93204	4.648	ug/L	98
48) 2-Hexanone	8.137	43	380022	55.895	ug/L	98
49) Dibromochloromethane	8.239	129	78823	4.415	ug/L	95
50) 1,2-Dibromoethane	8.346	107	67971	4.954	ug/L	97
51) Chlorobenzene	8.876	112	316930	4.850	ug/L	99
52) Ethylbenzene	9.005	91	523351	4.757	ug/L	98
53) m,p-Xylene	9.133	106	205659	4.700	ug/L	98
54) o-Xylene	9.535	106	202221	4.861	ug/L	96
55) Styrene	9.555	104	343434	4.922	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	87929	5.108	ug/L	99
59) Bromoform	9.725	173	38299	4.408	ug/L	99
60) Isopropylbenzene	9.924	105	535042	5.172	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	60641	5.568	ug/L	100
62) 1,3,5-Trimethylbenzene	10.532	105	433369	4.945	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	432164	4.923	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	237028	4.876	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	236710	4.844	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	218651	5.007	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	8860	4.134	ug/L	85
69) 1,3,5-Trichlorobenzene	12.635	180	177773	4.740	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	134775	4.751	ug/L	98
71) Naphthalene	13.493	128	188638	5.154	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	118295	4.924	ug/L	99

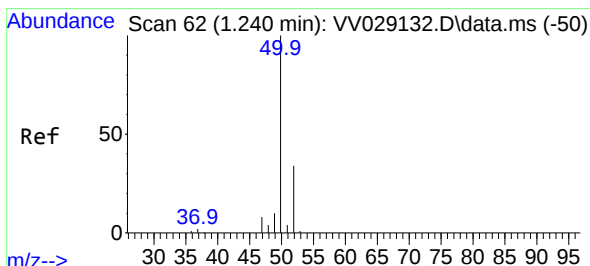
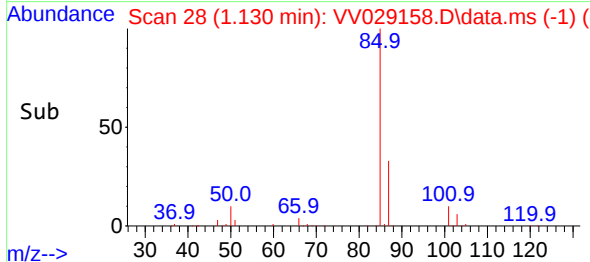
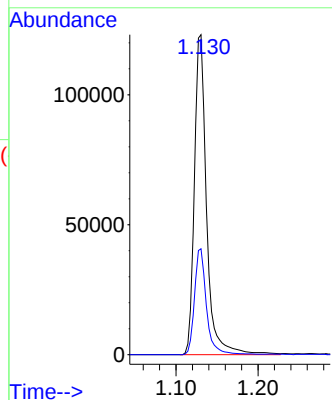
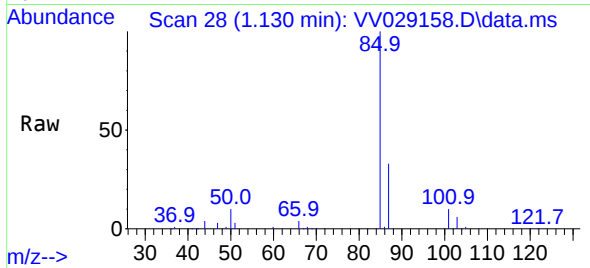
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#2
 Dichlorodifluoromethane
 Concen: 4.413 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV029158.D
 Acq: 19 Nov 2022 08:08

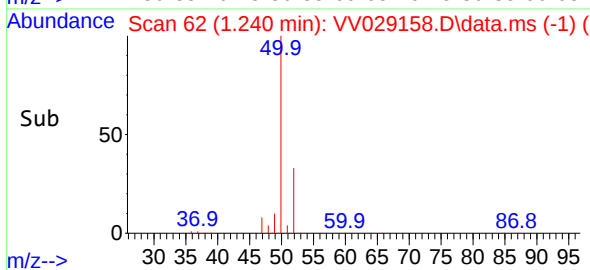
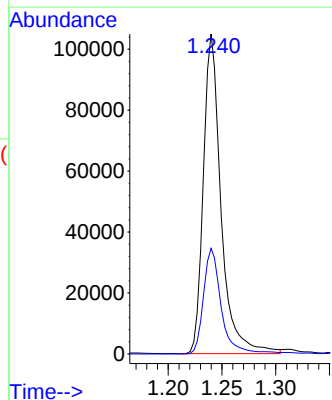
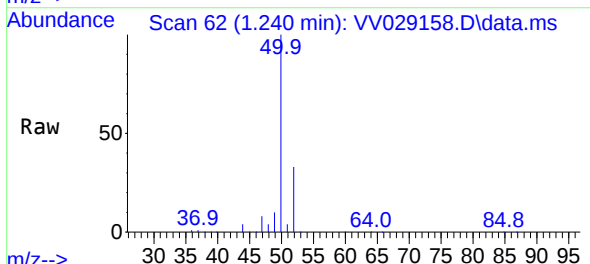
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005357

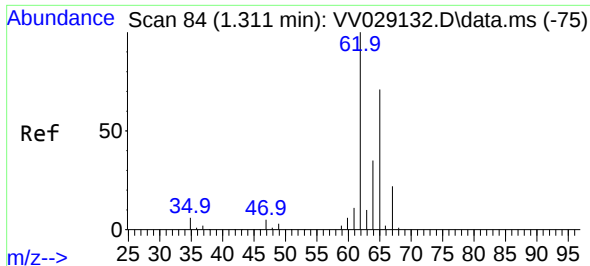
Tgt Ion: 85 Resp: 127290
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.0 37.4



#3
 Chloromethane
 Concen: 5.020 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029158.D
 Acq: 19 Nov 2022 08:08

Tgt Ion: 50 Resp: 120161
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 43.9

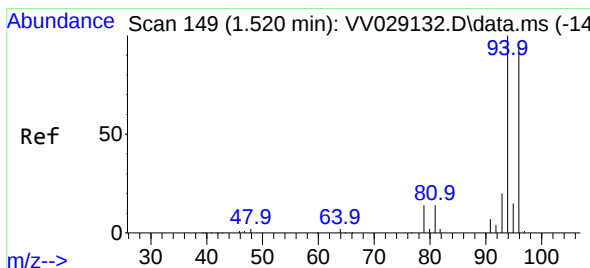
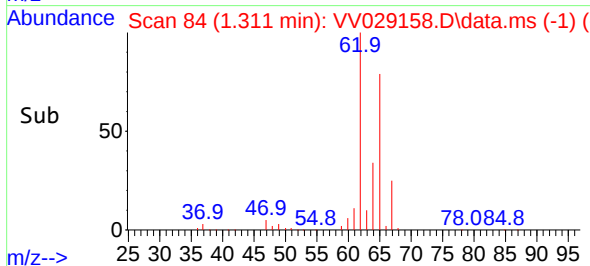
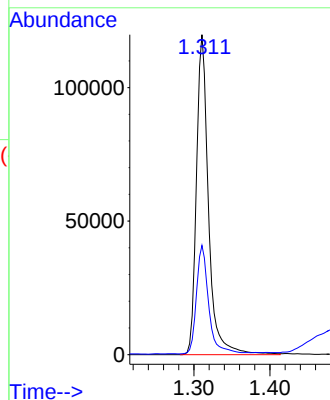
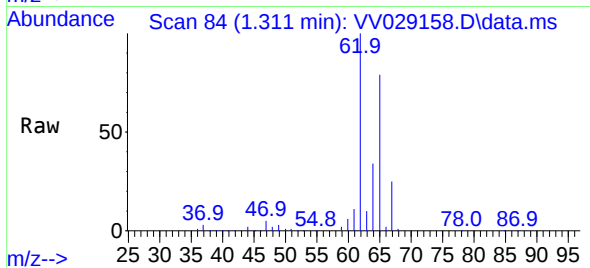




#5
 Vinyl chloride
 Concen: 4.848 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029158.D
 Acq: 19 Nov 2022 08:08

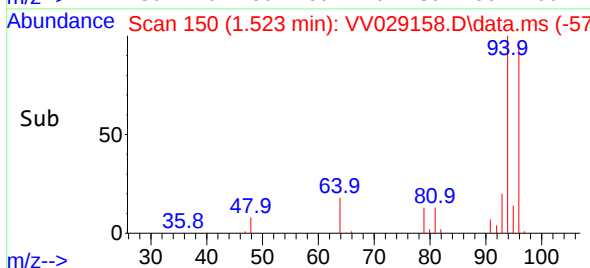
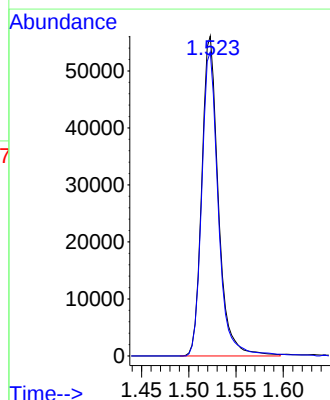
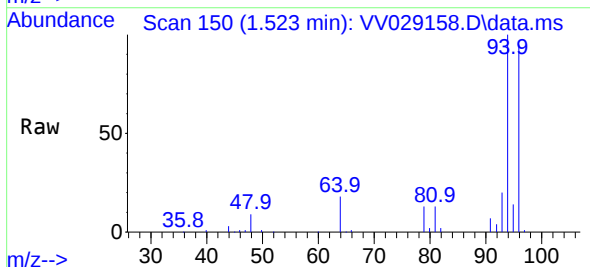
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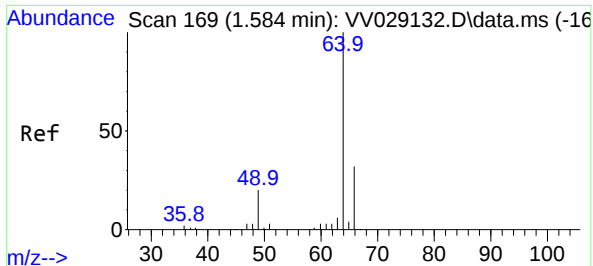
Tgt Ion: 62 Resp: 132372
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.8 42.4



#6
 Bromomethane
 Concen: 4.190 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV029158.D
 Acq: 19 Nov 2022 08:08

Tgt Ion: 94 Resp: 68383
 Ion Ratio Lower Upper
 94 100
 96 95.0 68.5 127.3

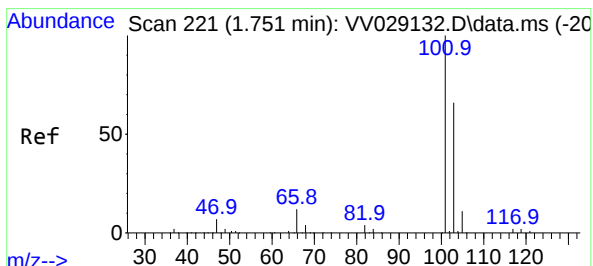
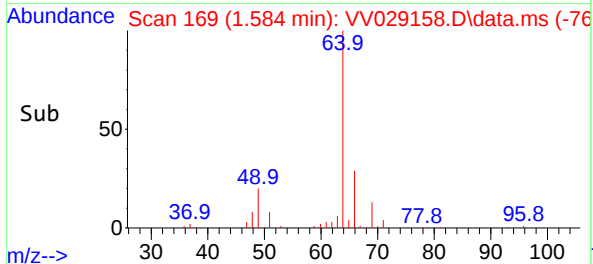
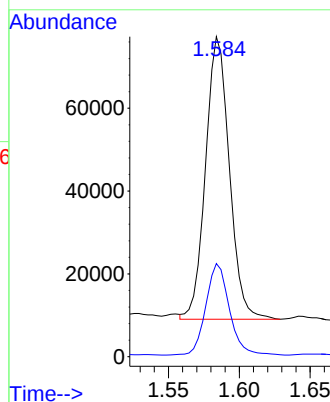
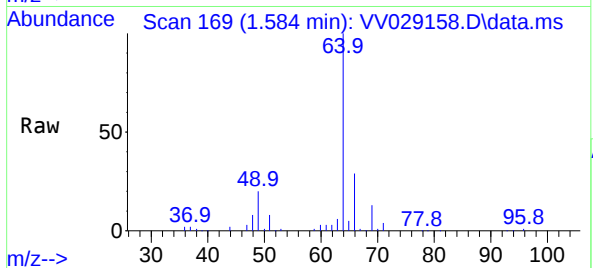




#8
Chloroethane
Concen: 4.967 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

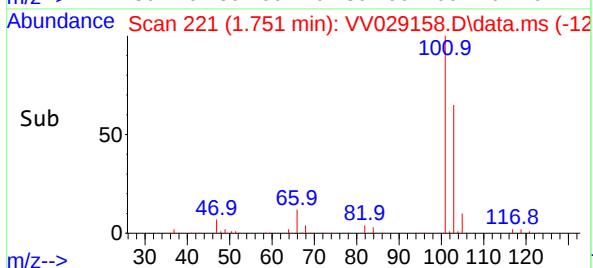
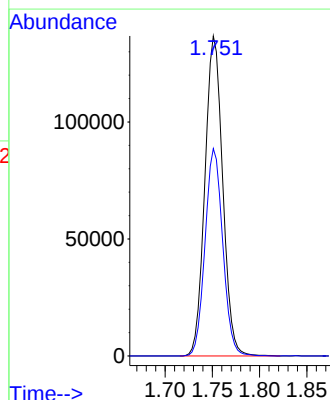
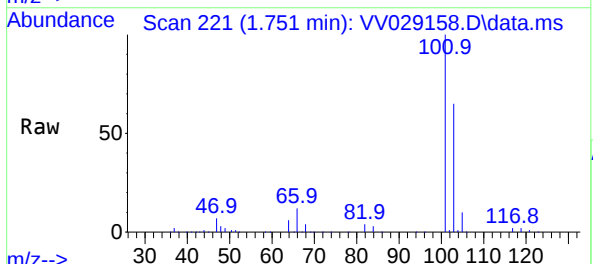
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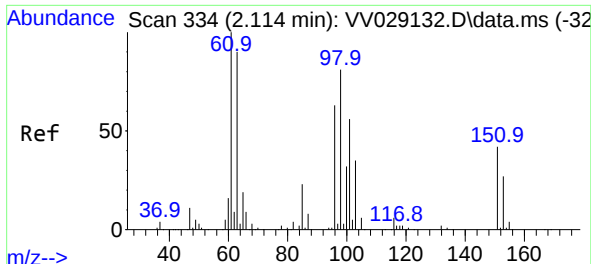
Tgt Ion: 64 Resp: 79699
Ion Ratio Lower Upper
64 100
66 29.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.863 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion:101 Resp: 179045
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9

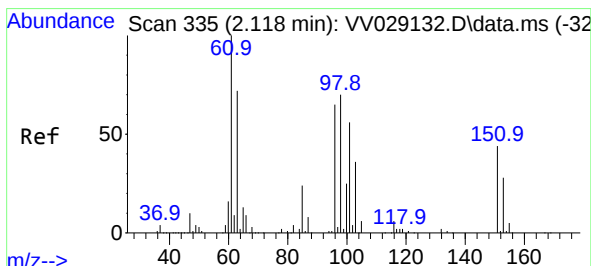
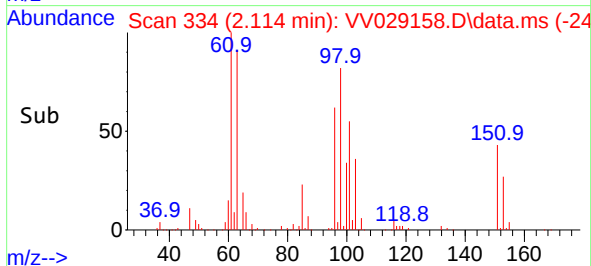
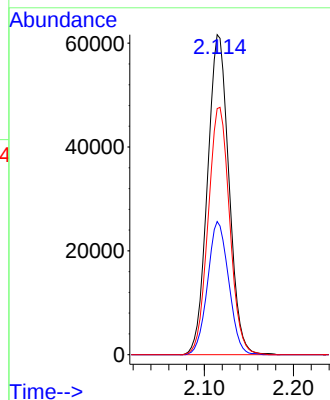
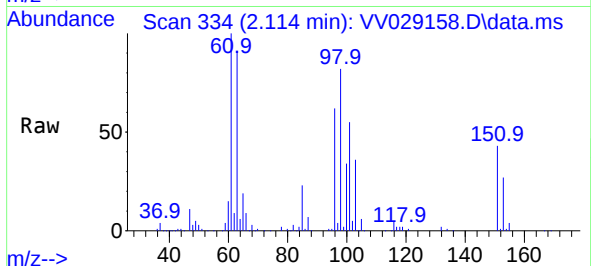




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.930 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029158.D
 Acq: 19 Nov 2022 08:08

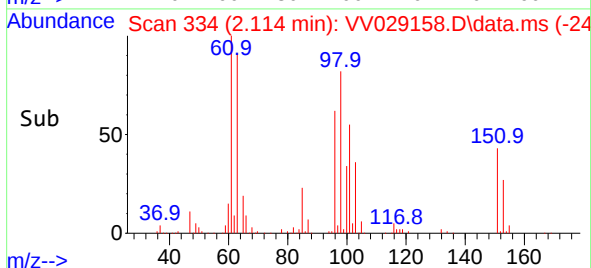
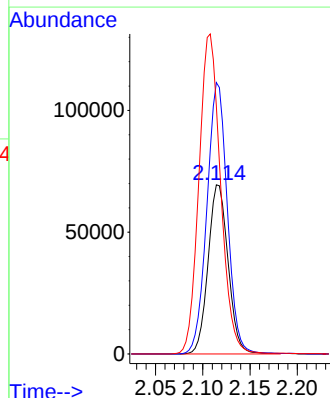
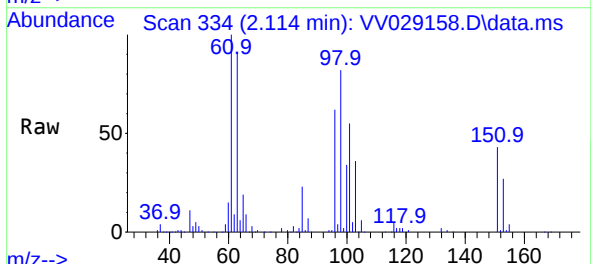
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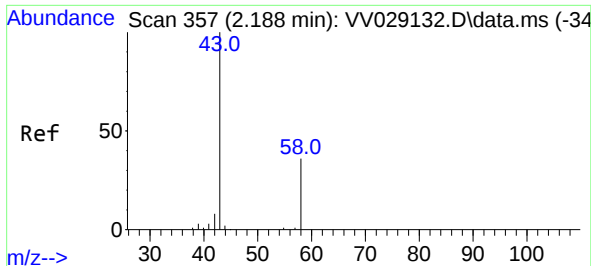
Tgt Ion:101 Resp: 102756
 Ion Ratio Lower Upper
 101 100
 85 41.0 32.9 49.3
 151 77.6 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 4.883 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV029158.D
 Acq: 19 Nov 2022 08:08

Tgt Ion: 96 Resp: 102265
 Ion Ratio Lower Upper
 96 100
 61 160.5 104.2 193.4
 63 146.6 75.9 140.9#





#13

Acetone

Concen: 44.380 ug/L

RT: 2.188 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

Instrument :

MSVOA_V

ClientSampleId :

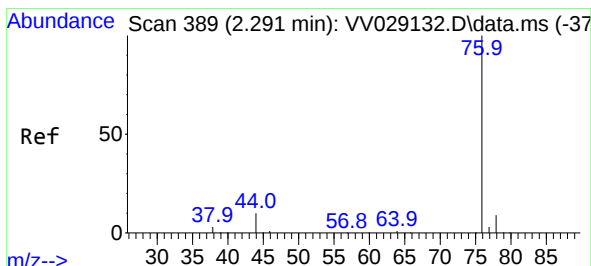
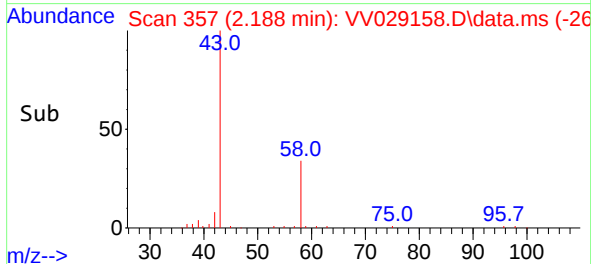
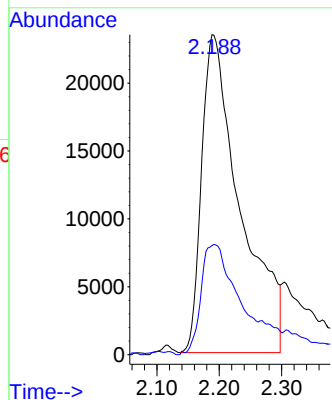
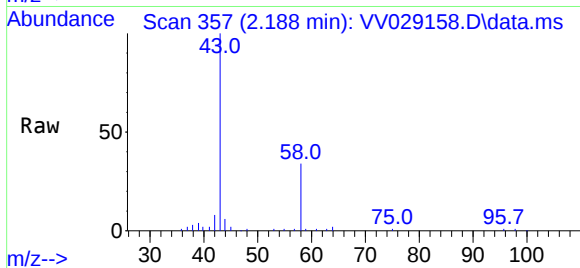
VSTD005357

Tgt Ion: 43 Resp: 100800

Ion Ratio Lower Upper

43 100

58 32.0 0.0 56.6



#14

Carbon disulfide

Concen: 4.011 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029158.D

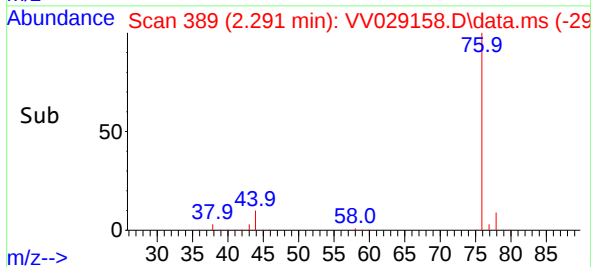
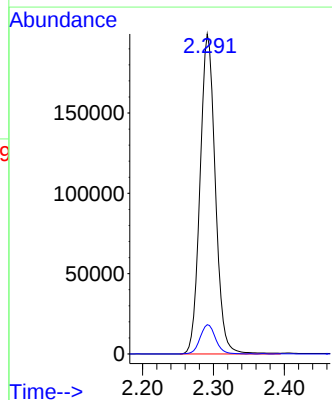
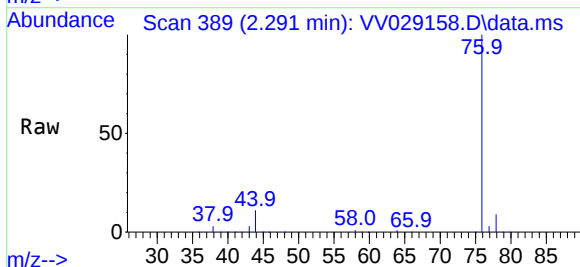
Acq: 19 Nov 2022 08:08

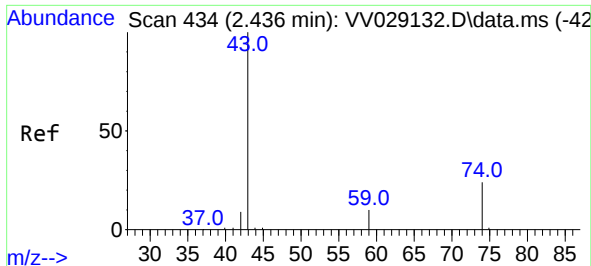
Tgt Ion: 76 Resp: 298355

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

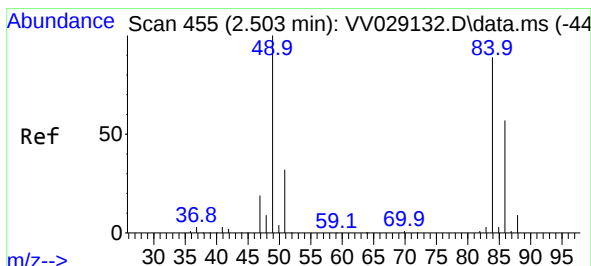
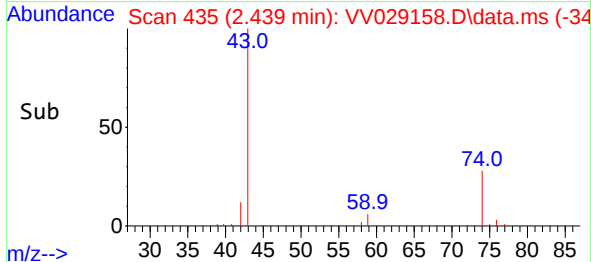
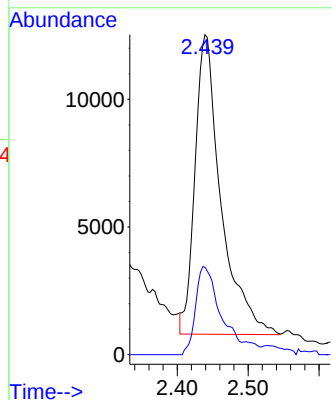
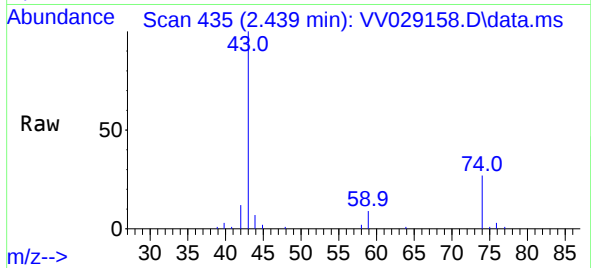




#15
Methyl Acetate
Concen: 5.426 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

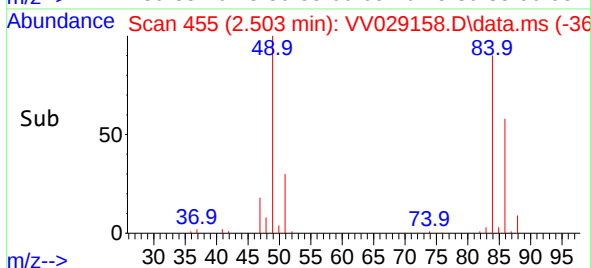
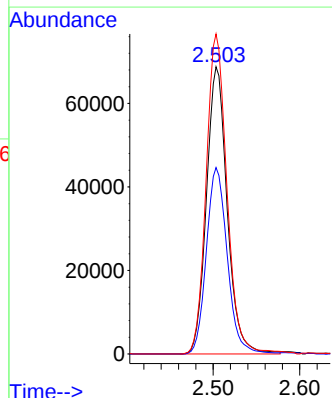
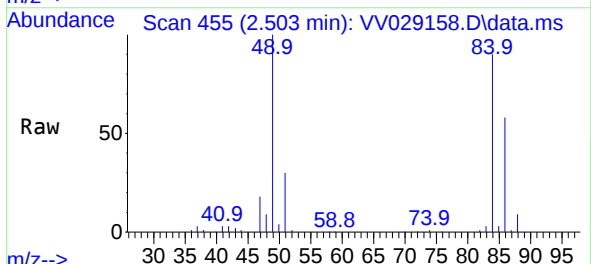
Instrument :
MSVOA_V
ClientSampleId :
VSTD005357

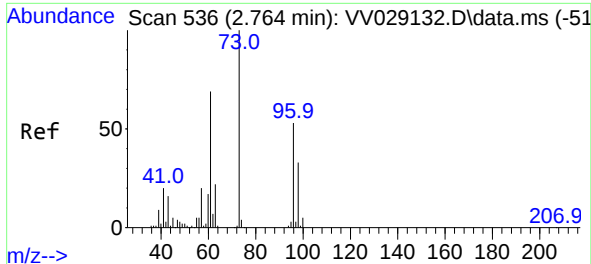
Tgt Ion: 43 Resp: 29911
Ion Ratio Lower Upper
43 100
74 28.1 24.6 37.0



#16
Methylene chloride
Concen: 4.229 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion: 84 Resp: 114517
Ion Ratio Lower Upper
84 100
86 64.9 45.8 85.0
49 111.4 75.5 140.1

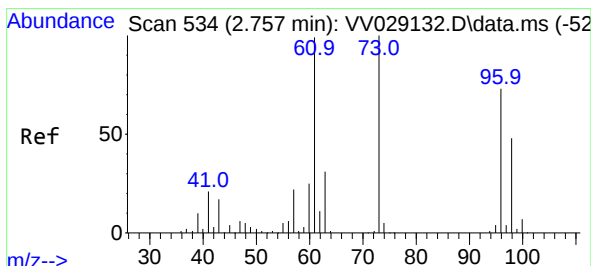
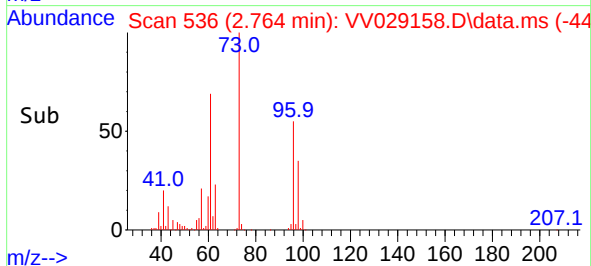
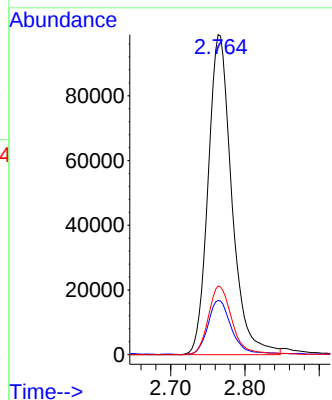
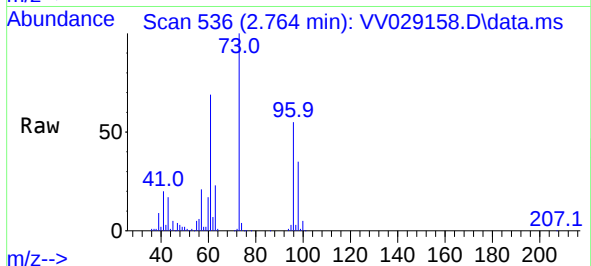




#17
Methyl tert-butyl Ether
Concen: 4.882 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

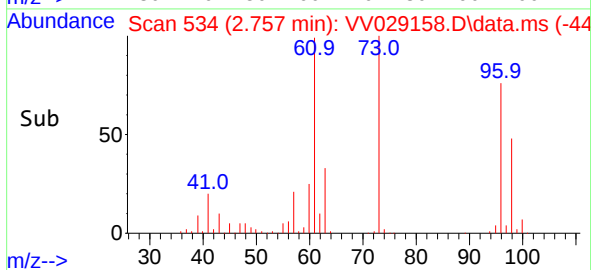
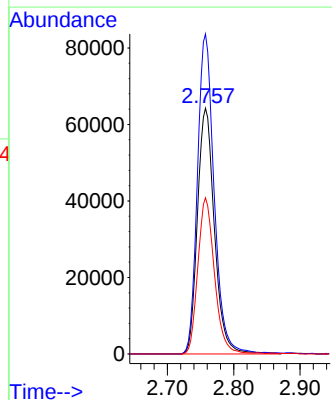
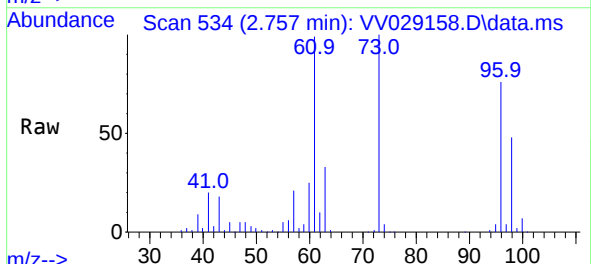
Instrument :
MSVOA_V
ClientSampleId :
VSTD005357

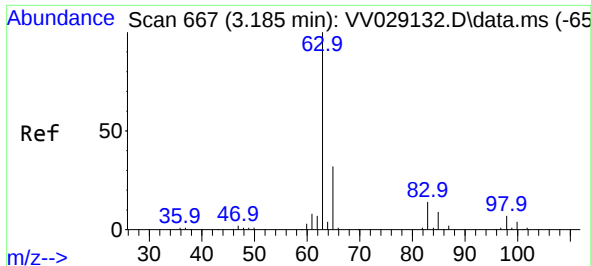
Tgt Ion: 73 Resp: 219202
Ion Ratio Lower Upper
73 100
43 17.3 13.0 19.4
57 21.4 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 4.716 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion: 96 Resp: 114566
Ion Ratio Lower Upper
96 100
61 130.2 91.8 170.6
98 63.5 46.4 86.2

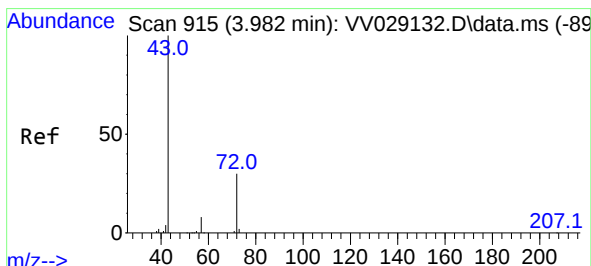
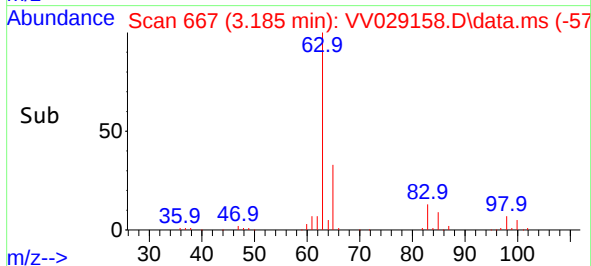
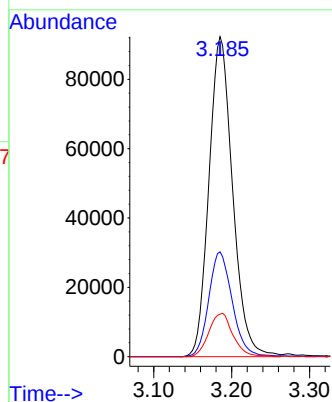
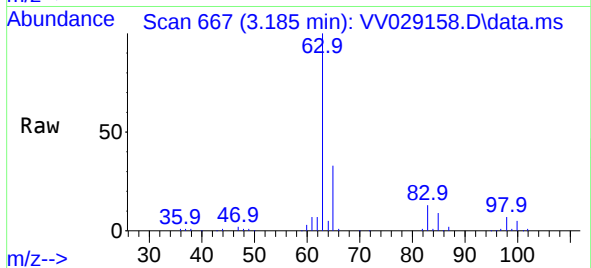




#19
1,1-Dichloroethane
Concen: 4.911 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

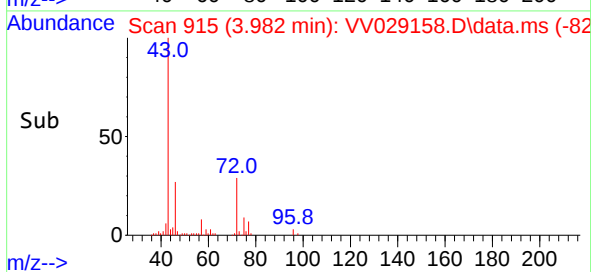
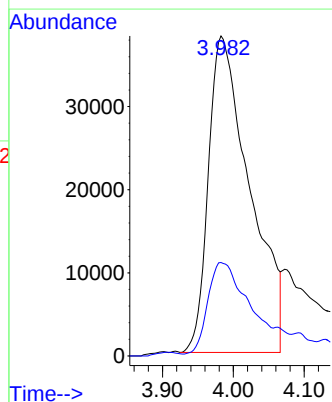
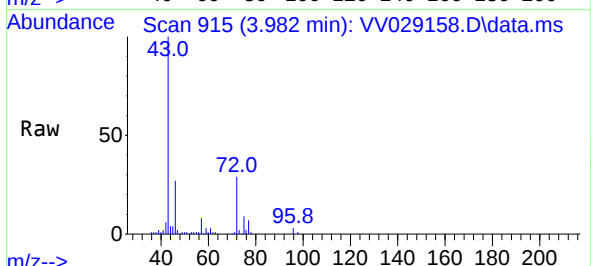
Instrument :
MSVOA_V
ClientSampleId :
VSTD005357

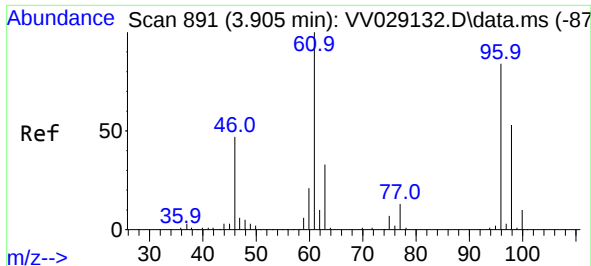
Tgt Ion: 63 Resp: 195021
Ion Ratio Lower Upper
63 100
65 32.8 23.0 42.6
83 13.3 9.4 17.6



#21
2-Butanone
Concen: 44.028 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.003 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion: 43 Resp: 154825
Ion Ratio Lower Upper
43 100
72 28.4 11.9 35.9

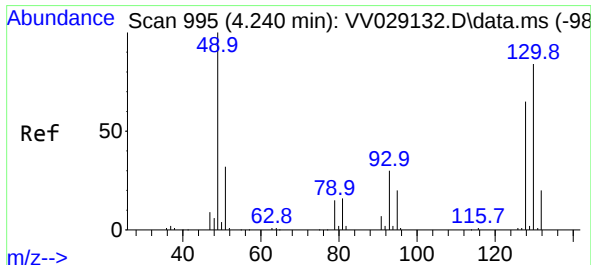
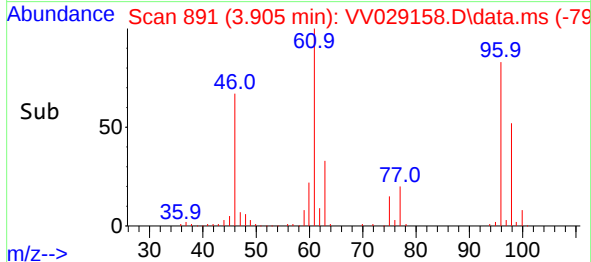
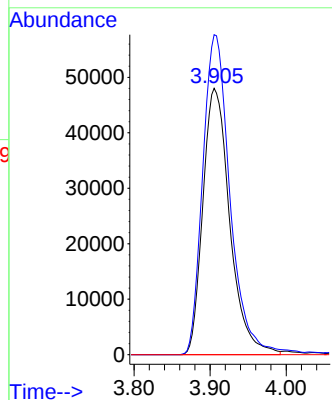
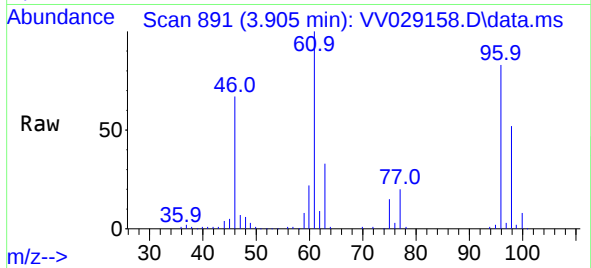




#22
 cis-1,2-Dichloroethene
 Concen: 4.784 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV029158.D
 Acq: 19 Nov 2022 08:08

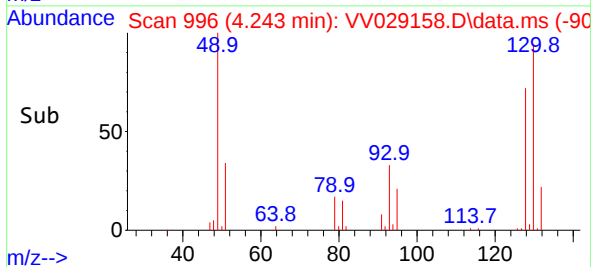
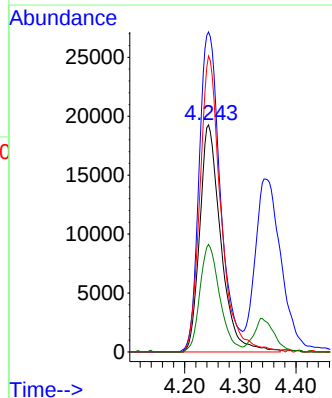
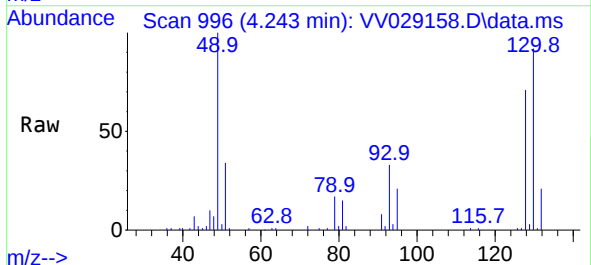
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005357

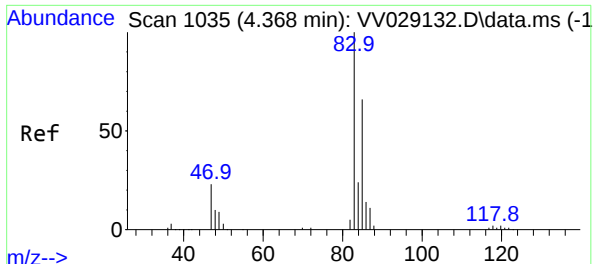
Tgt Ion: 96 Resp: 118149
 Ion Ratio Lower Upper
 96 100
 61 120.1 82.3 152.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.851 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VV029158.D
 Acq: 19 Nov 2022 08:08

Tgt Ion: 128 Resp: 50665
 Ion Ratio Lower Upper
 128 100
 49 140.9 89.5 166.1
 130 130.4 84.4 156.8
 51 47.4 34.1 51.1





#25

Chloroform

Concen: 4.881 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

Instrument :

MSVOA_V

ClientSampleId :

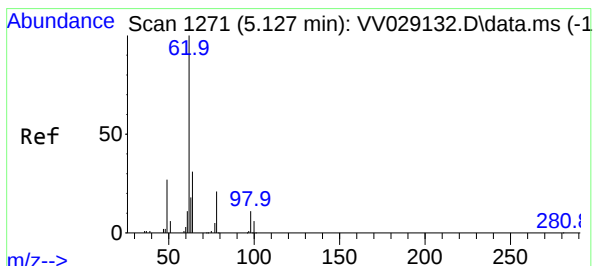
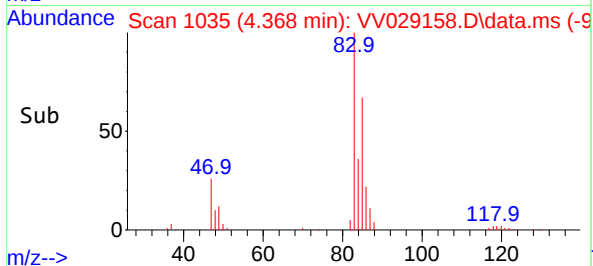
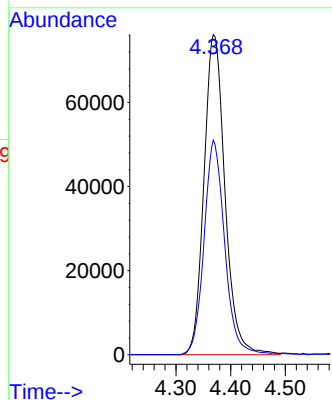
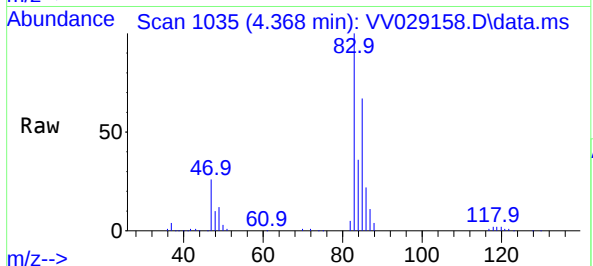
VSTD005357

Tgt Ion: 83 Resp: 203198

Ion Ratio Lower Upper

83 100

85 67.0 43.7 81.1



#27

1,2-Dichloroethane

Concen: 4.926 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV029158.D

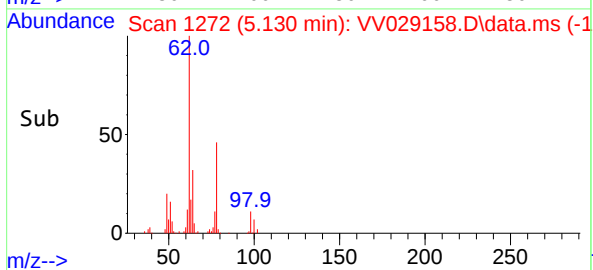
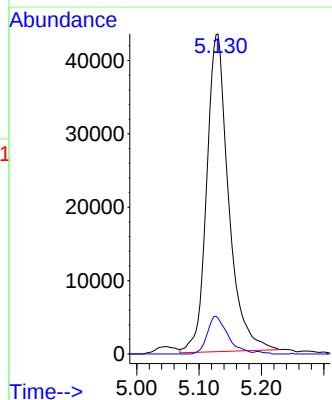
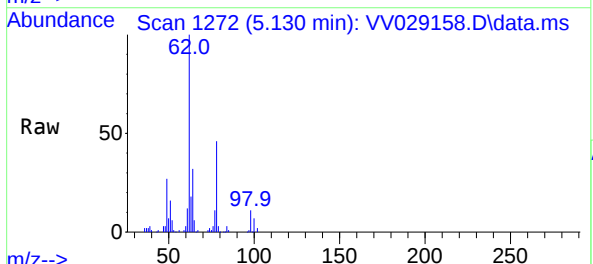
Acq: 19 Nov 2022 08:08

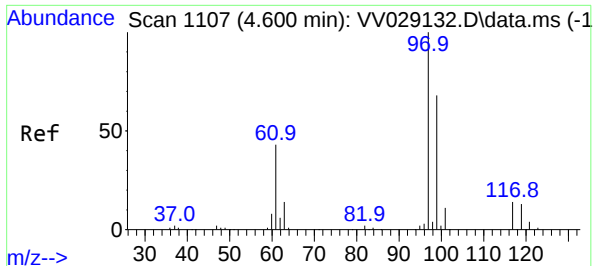
Tgt Ion: 62 Resp: 105625

Ion Ratio Lower Upper

62 100

98 11.2 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.536 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005357

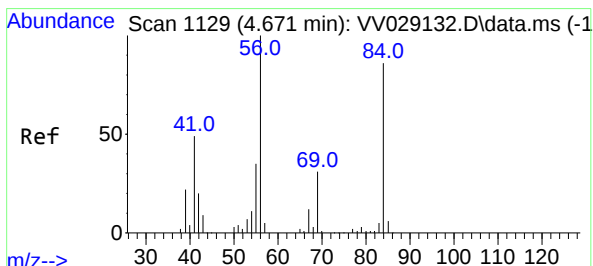
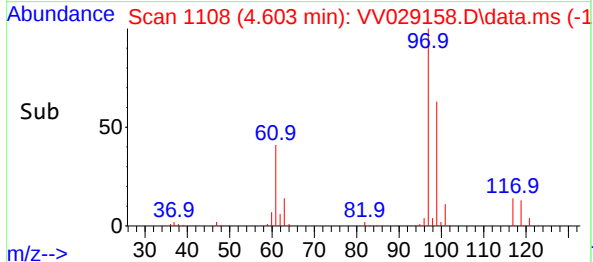
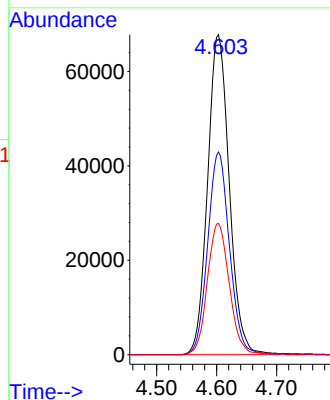
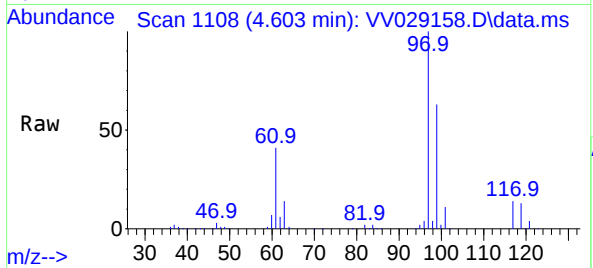
Tgt Ion: 97 Resp: 170397

Ion Ratio Lower Upper

97 100

99 63.7 52.7 79.1

61 41.5 33.8 50.6



#30

Cyclohexane

Concen: 4.595 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

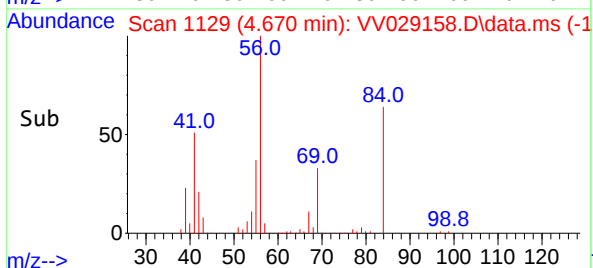
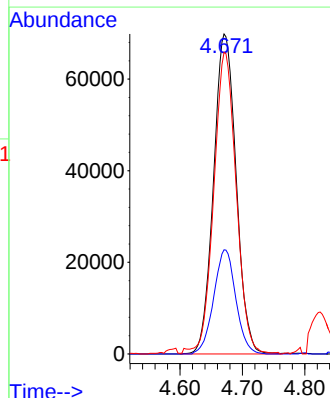
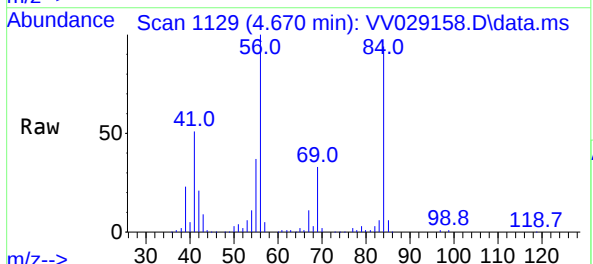
Tgt Ion: 56 Resp: 175428

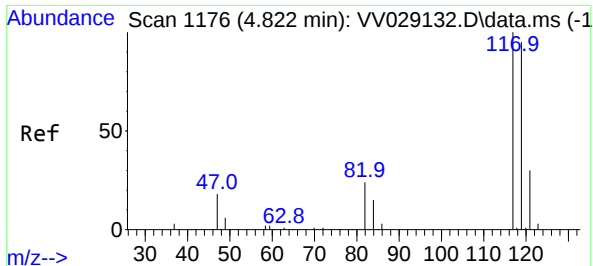
Ion Ratio Lower Upper

56 100

69 31.9 26.1 39.1

84 92.2 77.9 116.9

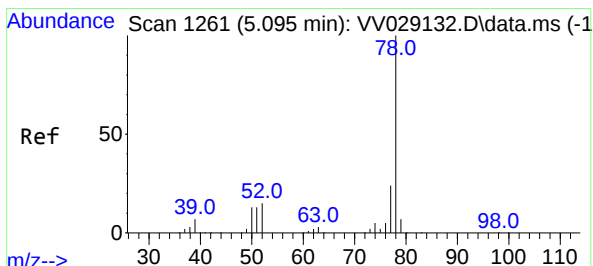
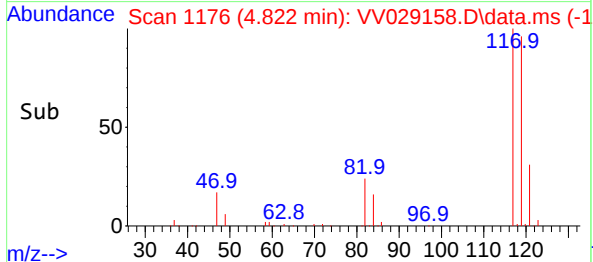
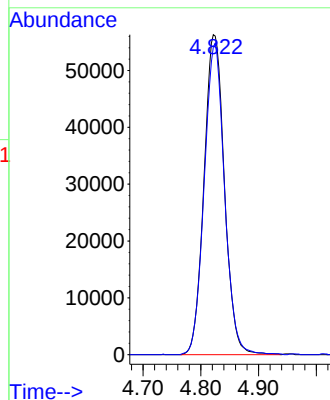
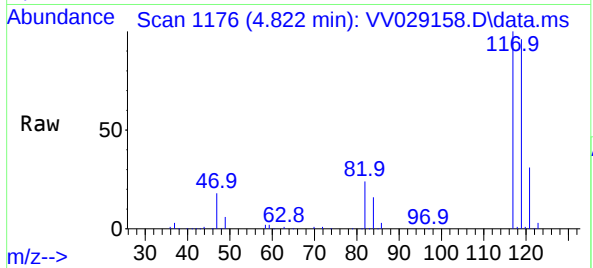




#31
Carbon tetrachloride
Concen: 4.267 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

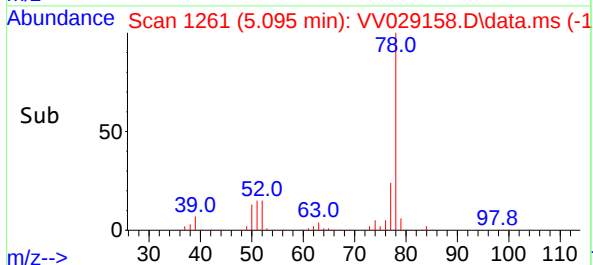
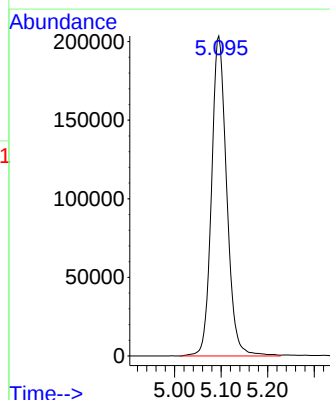
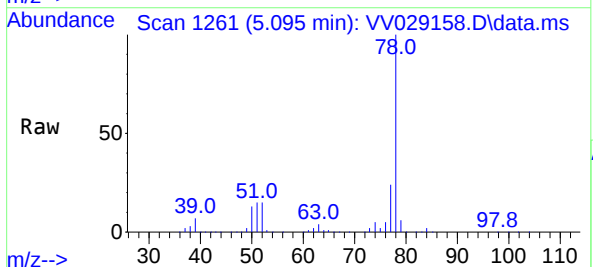
Instrument : MSVOA_V
ClientSampleId : VSTD005357

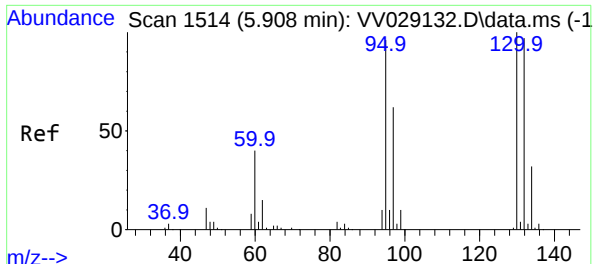
Tgt Ion:117 Resp: 138050
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.6



#33
Benzene
Concen: 4.721 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion: 78 Resp: 461841





#34

Trichloroethene

Concen: 4.565 ug/L

RT: 5.908 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005357

Tgt Ion: 95 Resp: 114327

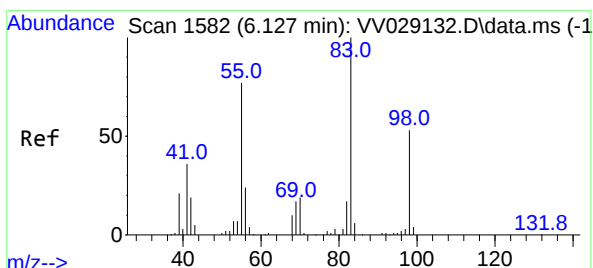
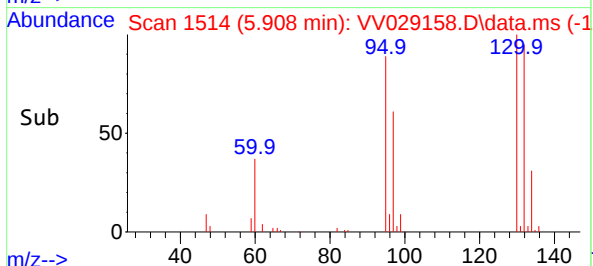
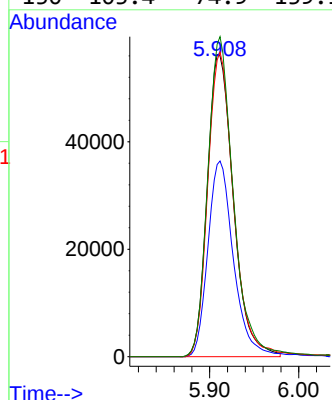
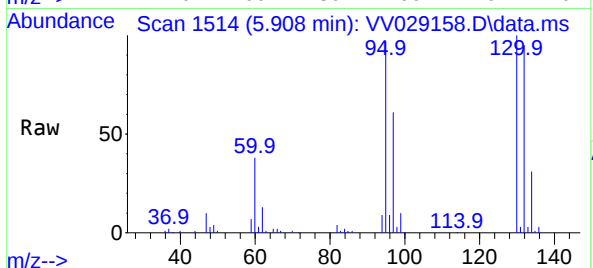
Ion Ratio Lower Upper

95 100

97 63.6 45.6 84.8

132 98.2 69.1 128.3

130 103.4 74.9 139.1



#35

Methylcyclohexane

Concen: 4.337 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

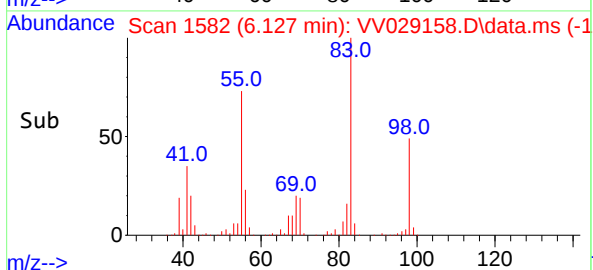
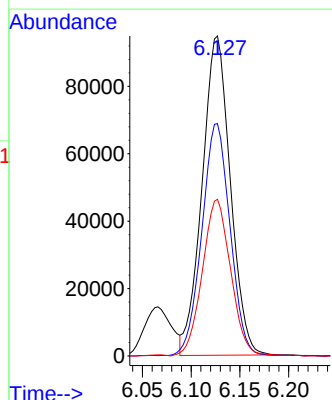
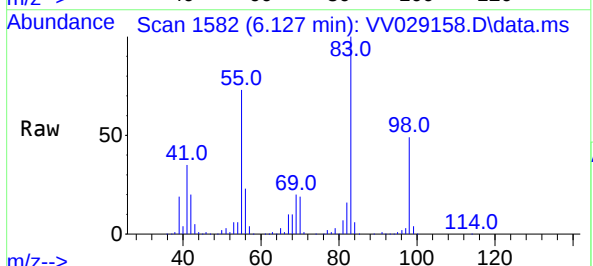
Tgt Ion: 83 Resp: 190896

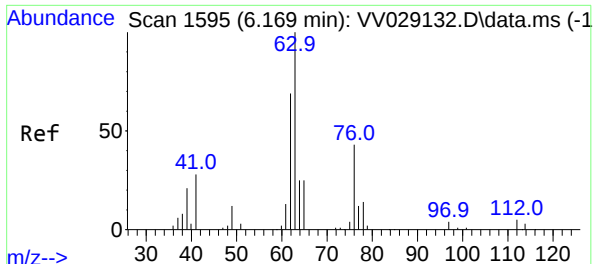
Ion Ratio Lower Upper

83 100

55 73.0 55.8 83.6

98 49.3 38.2 57.2

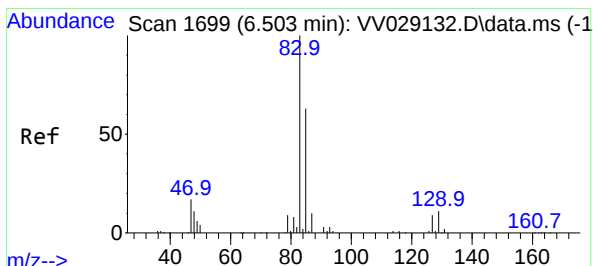
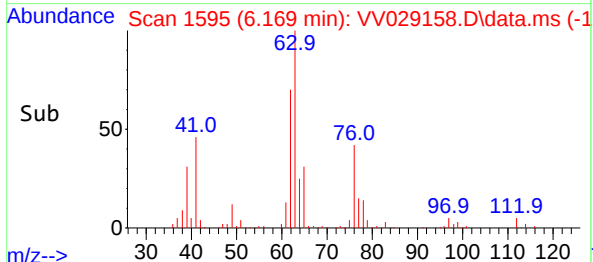
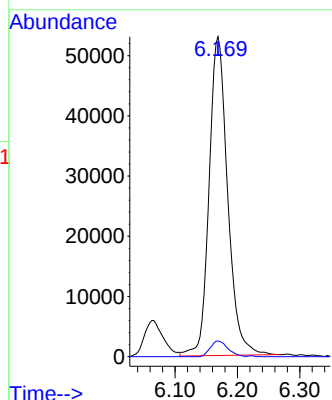
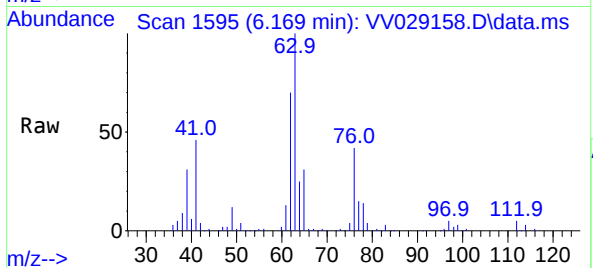




#37
1,2-Dichloropropane
Concen: 4.865 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

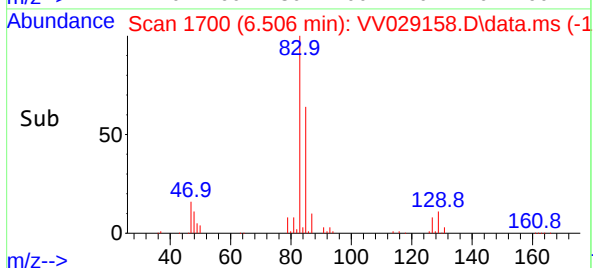
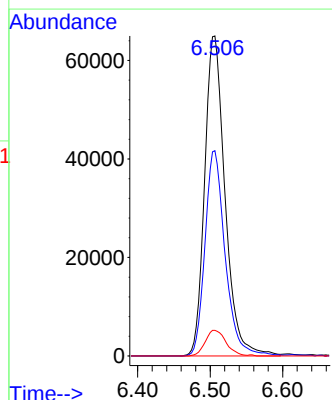
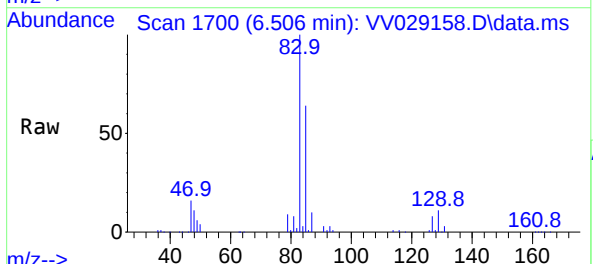
Instrument :
MSVOA_V
ClientSampleId :
VSTD005357

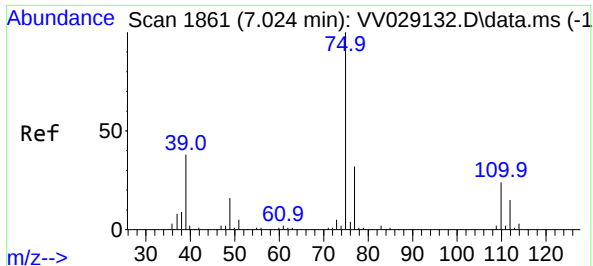
Tgt Ion: 63 Resp: 109760
Ion Ratio Lower Upper
63 100
112 4.7 4.0 6.0



#38
Bromodichloromethane
Concen: 4.454 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion: 83 Resp: 127238
Ion Ratio Lower Upper
83 100
85 64.2 46.1 85.5
127 8.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.282 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

Instrument :

MSVOA_V

ClientSampleId :

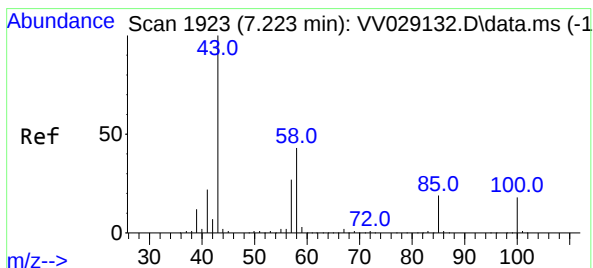
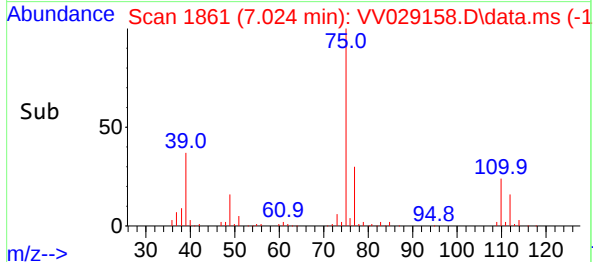
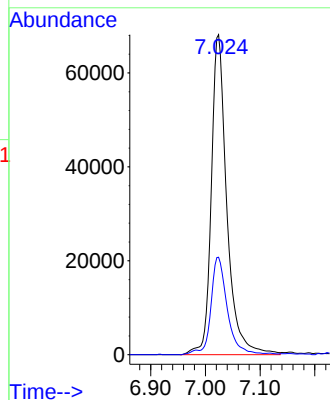
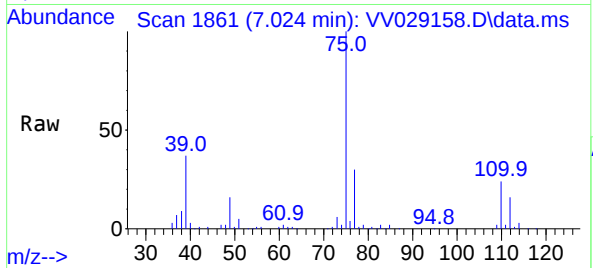
VSTD005357

Tgt Ion: 75 Resp: 134857

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.295 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

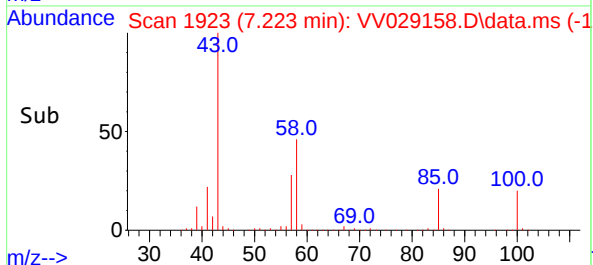
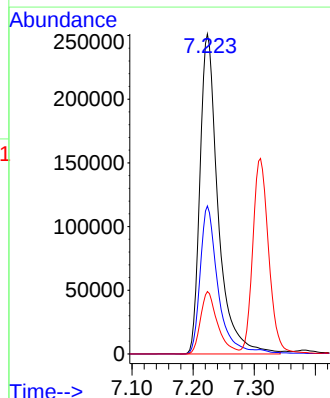
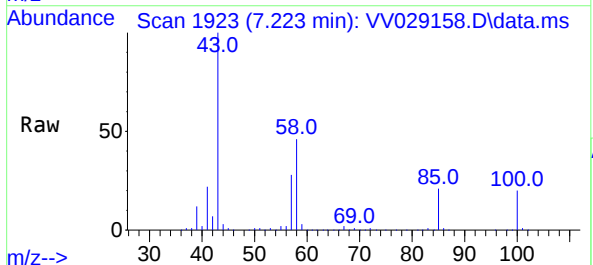
Tgt Ion: 43 Resp: 517268

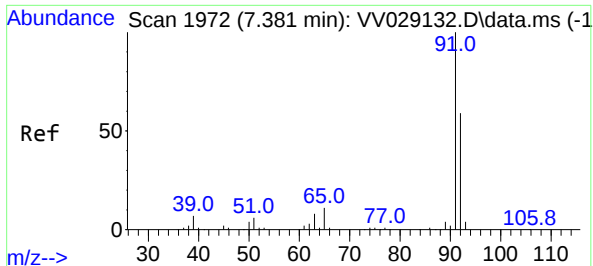
Ion Ratio Lower Upper

43 100

58 44.9 36.6 55.0

100 18.4 14.5 21.7





#42

Toluene

Concen: 4.684 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

Instrument :

MSVOA_V

ClientSampleId :

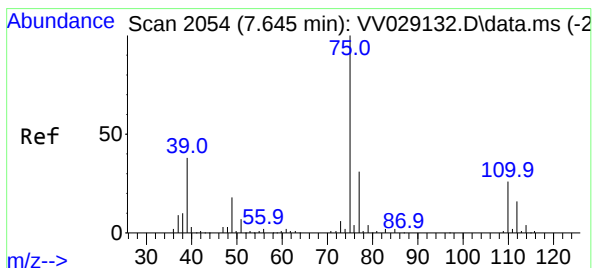
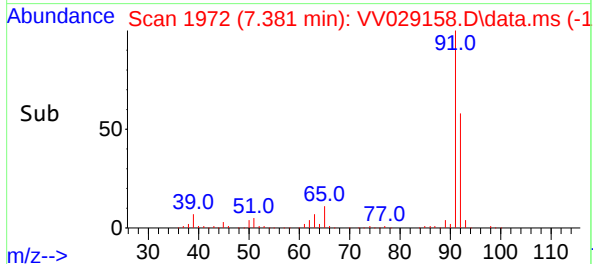
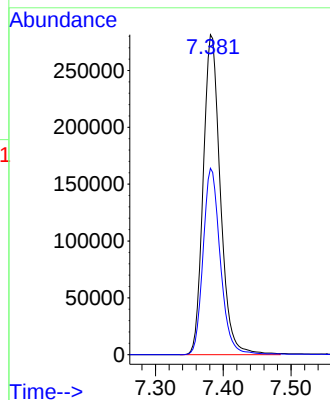
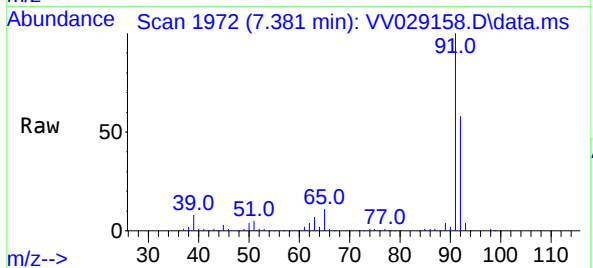
VSTD005357

Tgt Ion: 91 Resp: 495060

Ion Ratio Lower Upper

91 100

92 58.3 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.212 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV029158.D

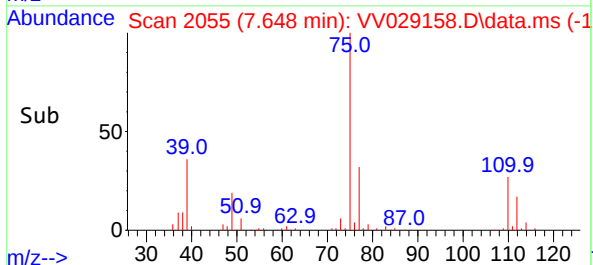
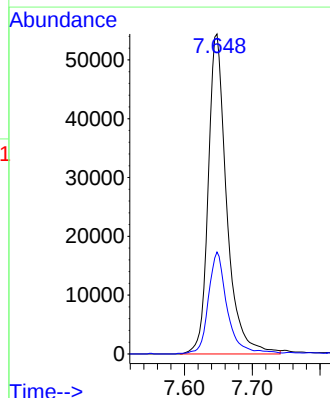
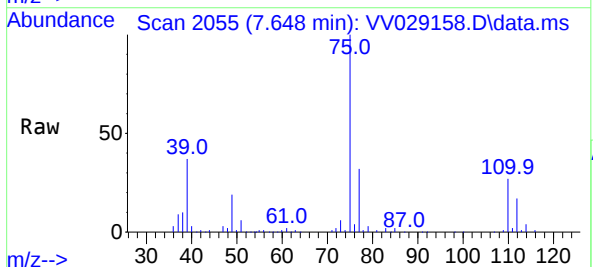
Acq: 19 Nov 2022 08:08

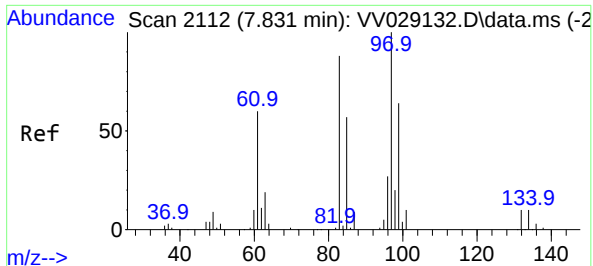
Tgt Ion: 75 Resp: 102988

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2



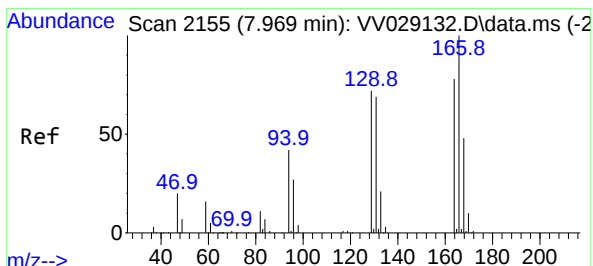
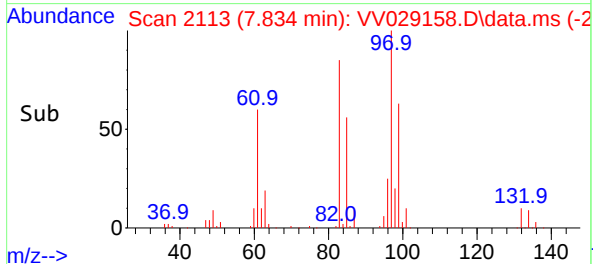
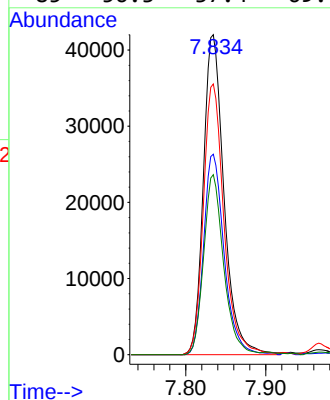
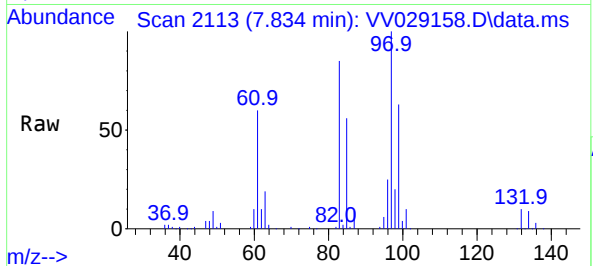


#45
1,1,2-Trichloroethane
Concen: 5.110 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005357

Tgt Ion: 97 Resp: 75467

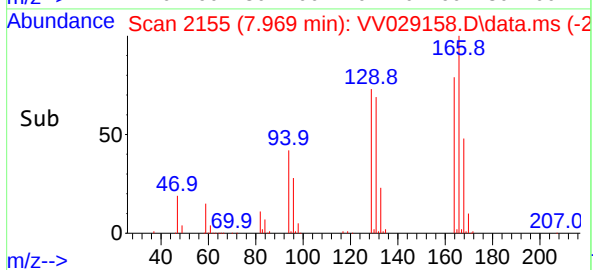
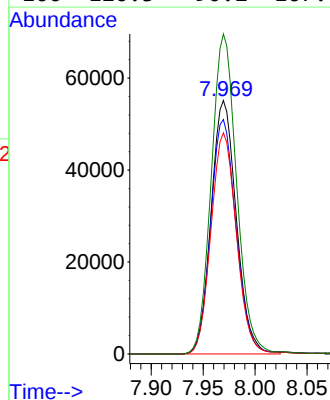
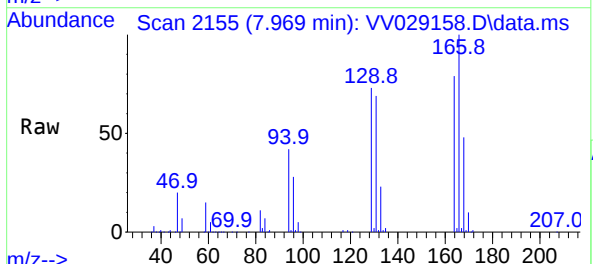
Ion	Ratio	Lower	Upper
97	100		
99	62.7	41.5	77.1
83	84.6	60.0	111.4
85	56.3	37.4	69.4

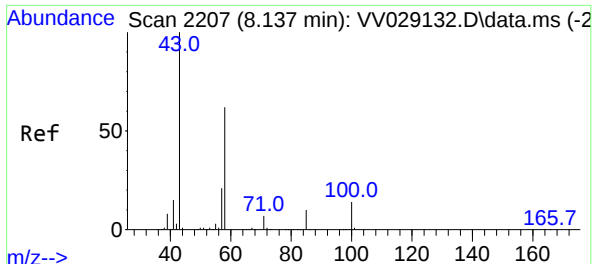


#47
Tetrachloroethene
Concen: 4.648 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion: 164 Resp: 93204

Ion	Ratio	Lower	Upper
164	100		
129	92.5	63.9	118.7
131	87.2	61.8	114.8
166	126.3	90.2	167.4

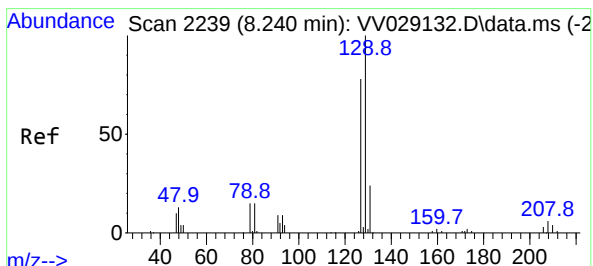
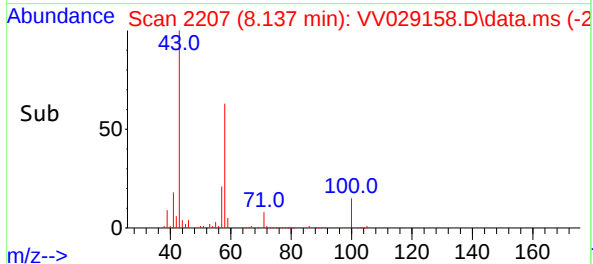
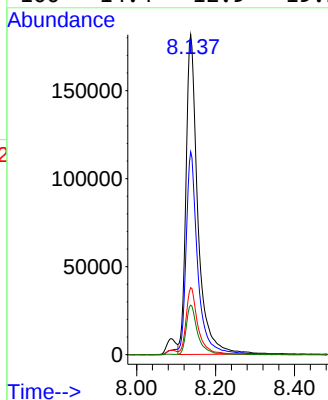
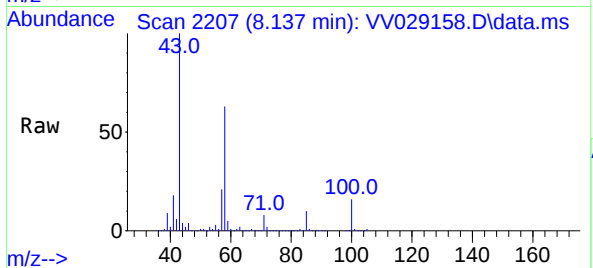




#48
2-Hexanone
Concen: 55.895 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

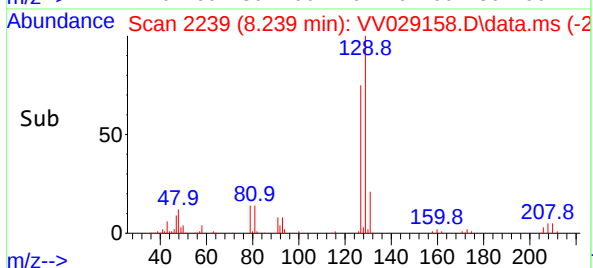
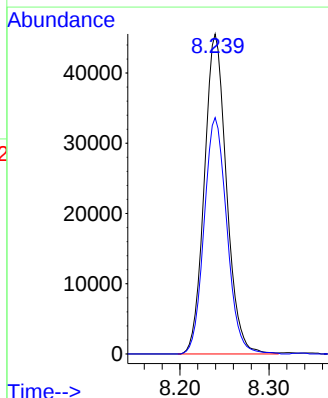
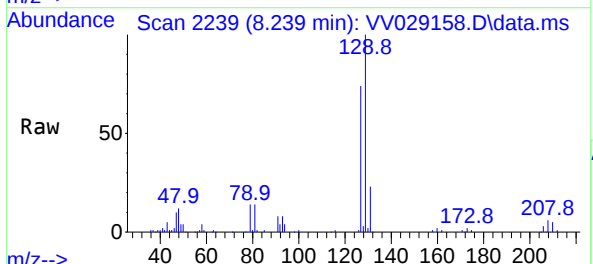
Instrument :
MSVOA_V
ClientSampleId :
VSTD005357

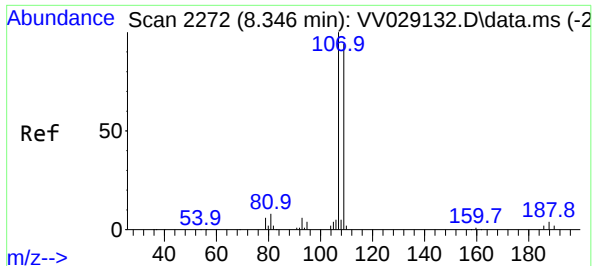
Tgt Ion: 43 Resp: 380022
Ion Ratio Lower Upper
43 100
58 63.2 50.2 75.4
57 20.5 17.8 26.8
100 14.4 12.9 19.3



#49
Dibromochloromethane
Concen: 4.415 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion: 129 Resp: 78823
Ion Ratio Lower Upper
129 100
127 73.9 54.5 101.1

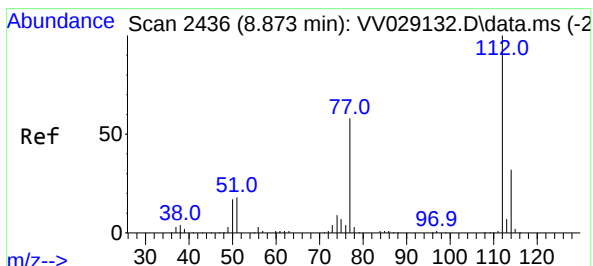
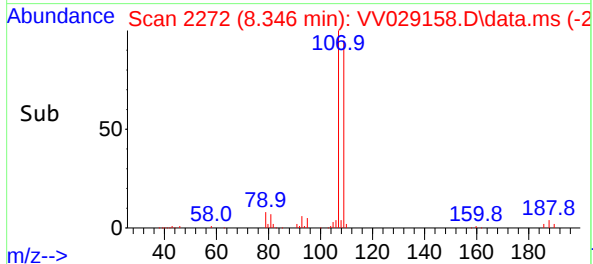
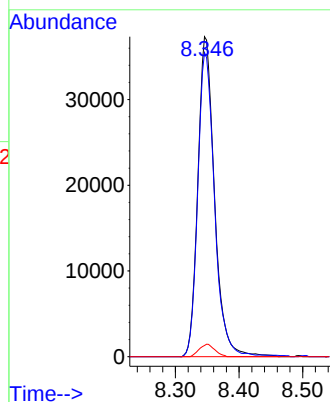
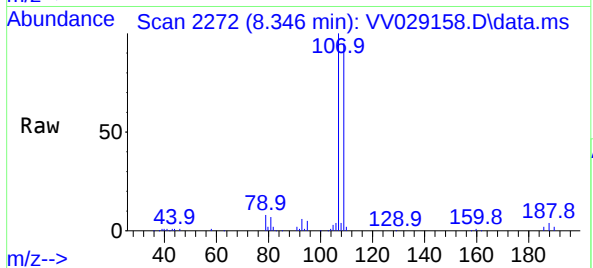




#50
1,2-Dibromoethane
Concen: 4.954 ug/L
RT: 8.346 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

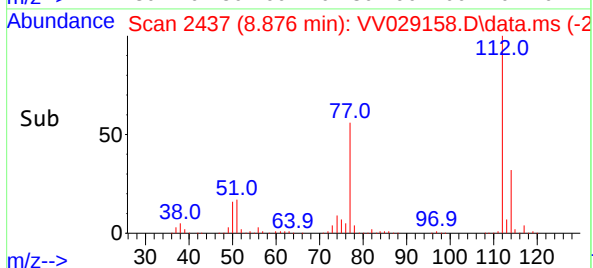
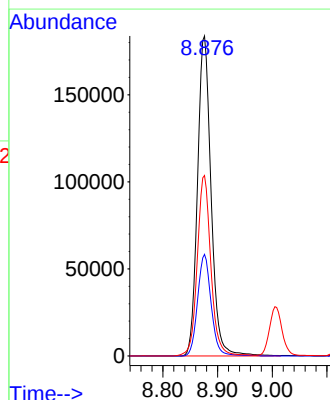
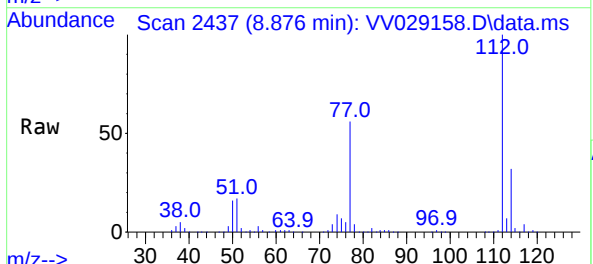
Instrument :
MSVOA_V
ClientSampleId :
VSTD005357

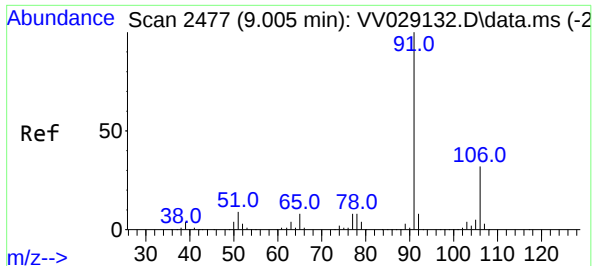
Tgt Ion:107 Resp: 67971
Ion Ratio Lower Upper
107 100
109 95.1 64.4 119.6
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 4.850 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion:112 Resp: 316930
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 56.4 44.4 66.6

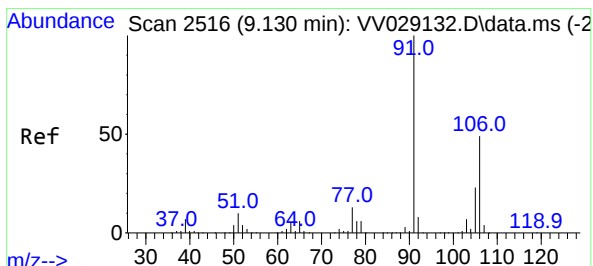
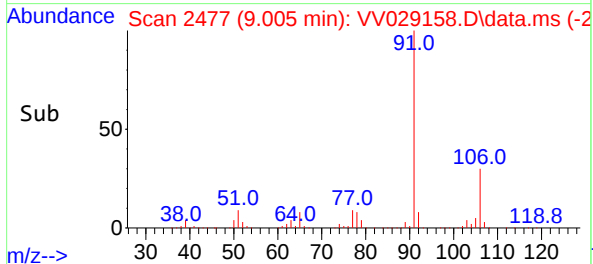
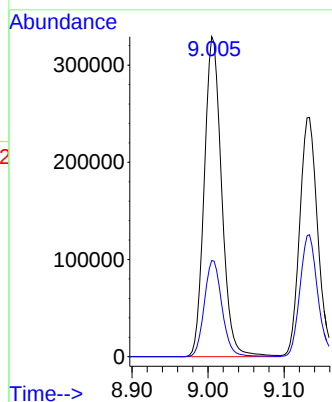
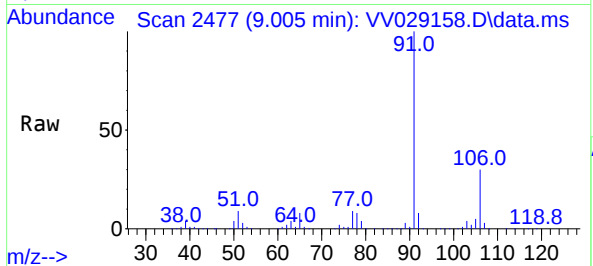




#52
Ethylbenzene
Concen: 4.757 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

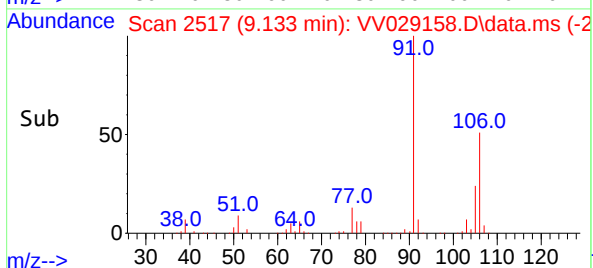
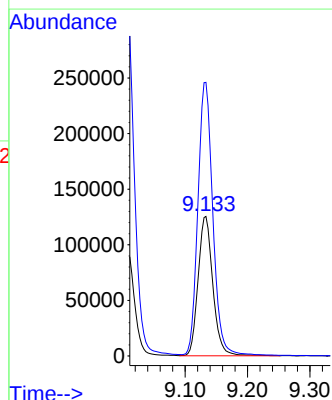
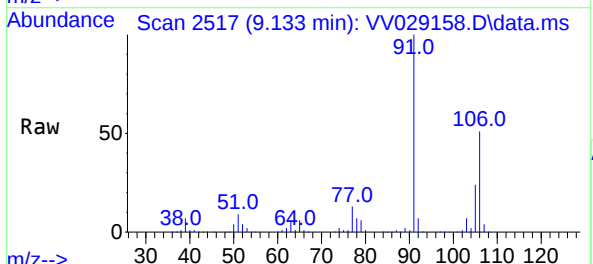
Instrument :
MSVOA_V
ClientSampleId :
VSTD005357

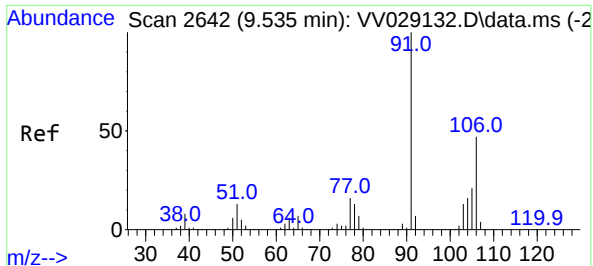
Tgt Ion: 91 Resp: 523351
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.2



#53
m,p-Xylene
Concen: 4.700 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion: 106 Resp: 205659
Ion Ratio Lower Upper
106 100
91 196.0 139.1 258.3

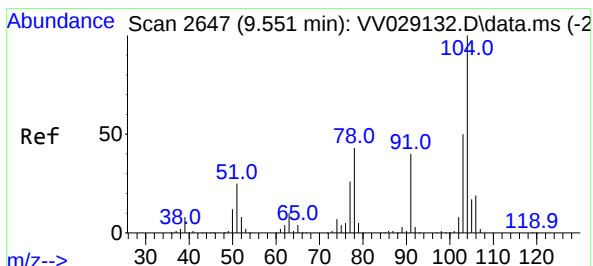
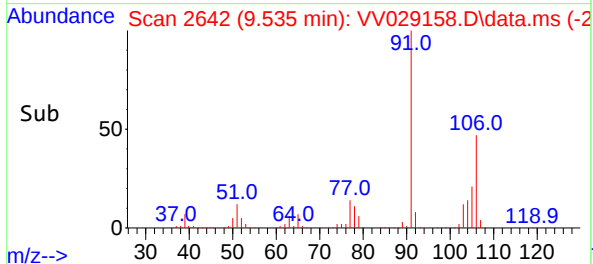
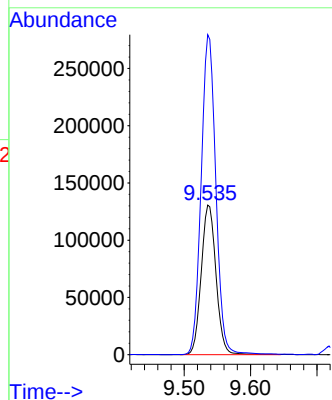
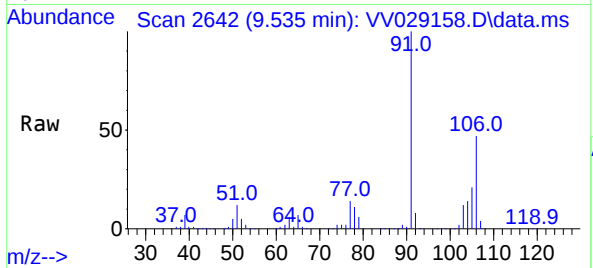




#54
o-Xylene
Concen: 4.861 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

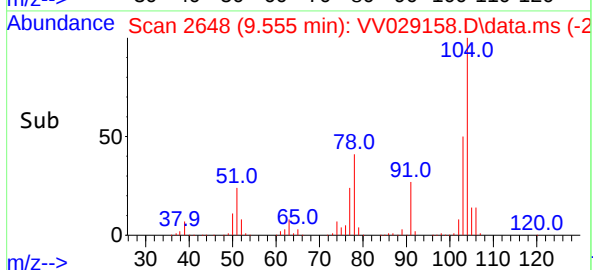
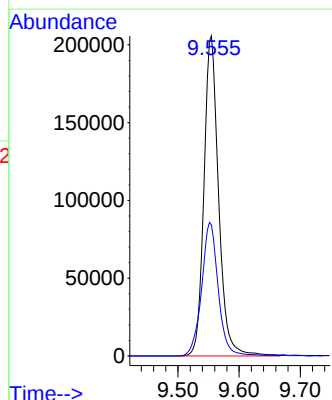
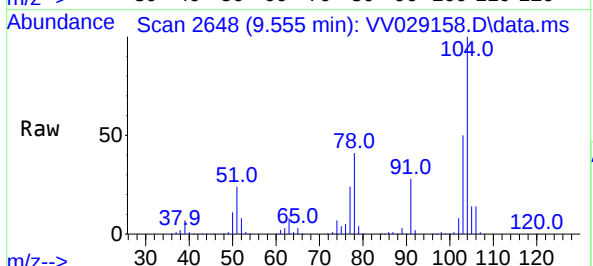
Instrument : MSVOA_V
ClientSampleId : VSTD005357

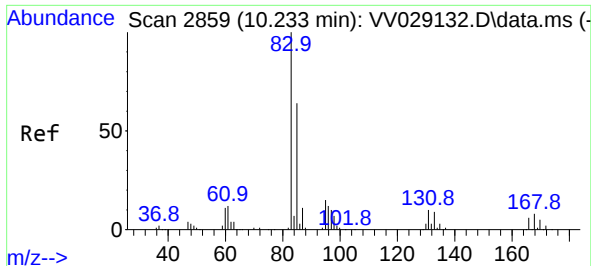
Tgt Ion:106 Resp: 202221
Ion Ratio Lower Upper
106 100
91 213.9 145.7 270.7



#55
Styrene
Concen: 4.922 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion:104 Resp: 343434
Ion Ratio Lower Upper
104 100
78 41.0 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.108 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005357

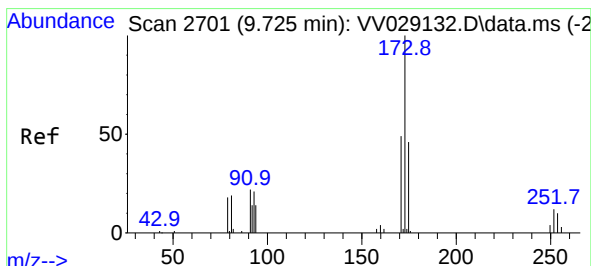
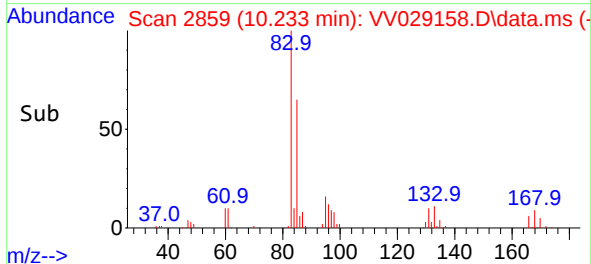
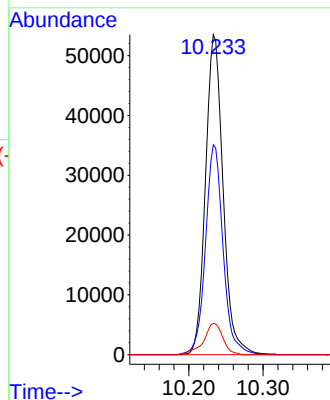
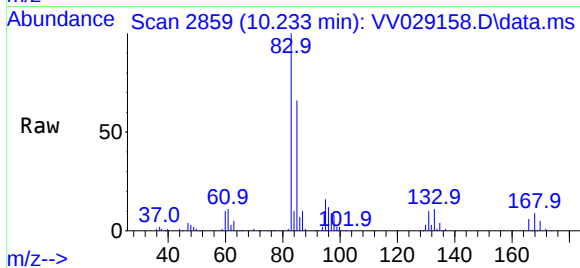
Tgt Ion: 83 Resp: 87929

Ion Ratio Lower Upper

83 100

85 65.6 45.2 84.0

131 9.8 7.5 11.3



#59

Bromoform

Concen: 4.408 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. -0.000 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

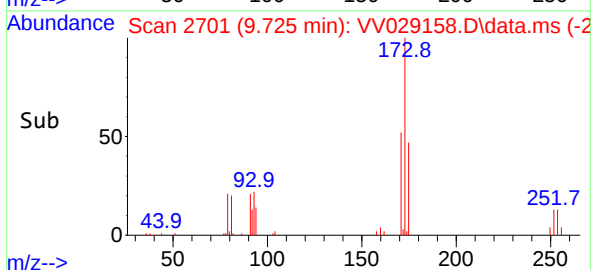
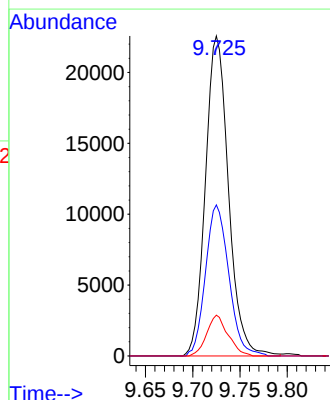
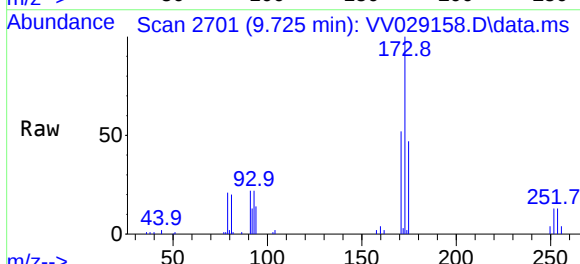
Tgt Ion:173 Resp: 38299

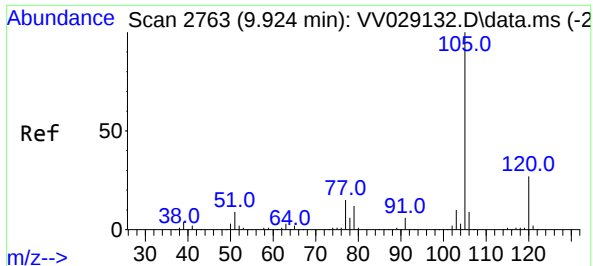
Ion Ratio Lower Upper

173 100

175 47.8 38.2 57.4

254 11.8 8.5 12.7

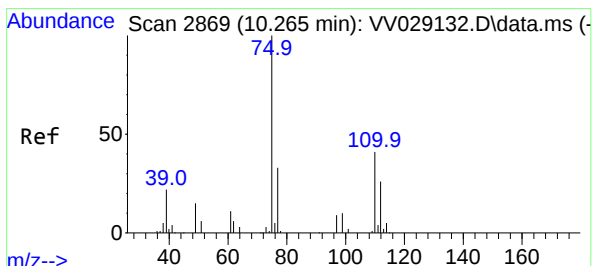
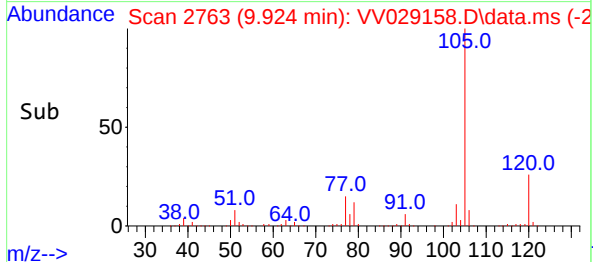
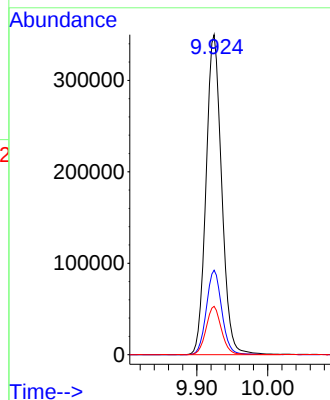
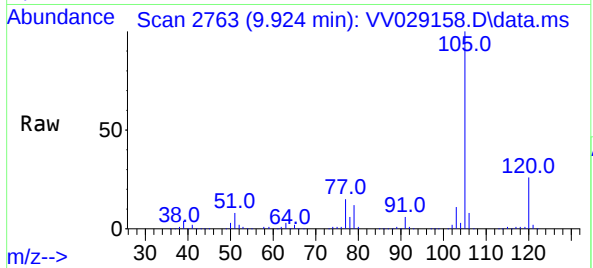




#60
Isopropylbenzene
Concen: 5.172 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

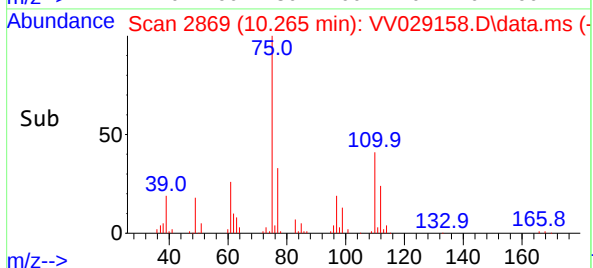
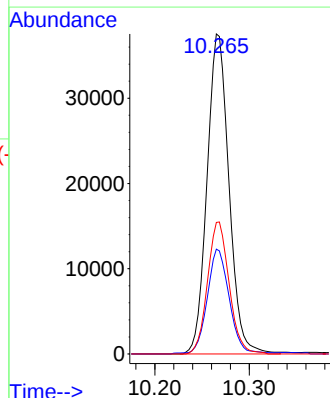
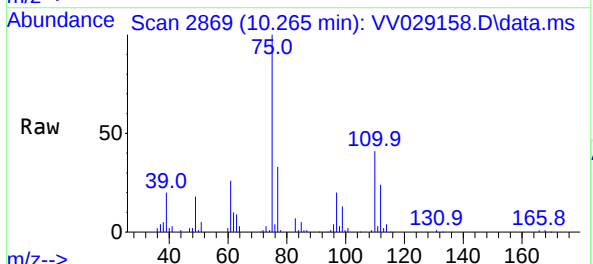
Instrument :
MSVOA_V
ClientSampleId :
VSTD005357

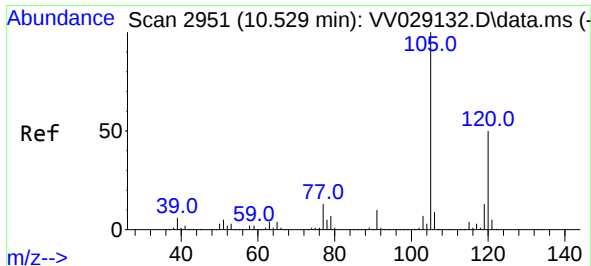
Tgt Ion:105 Resp: 535042
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 14.9 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.568 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion: 75 Resp: 60641
Ion Ratio Lower Upper
75 100
77 33.0 26.2 39.2
110 40.6 32.6 48.8

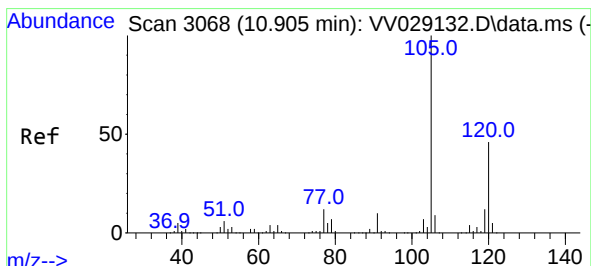
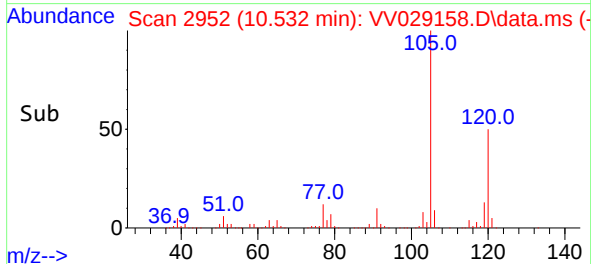
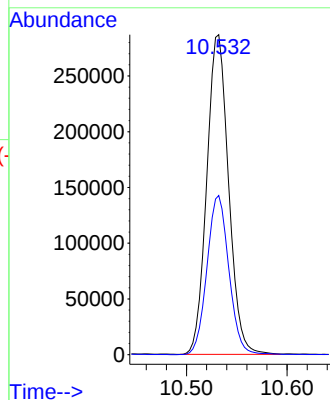
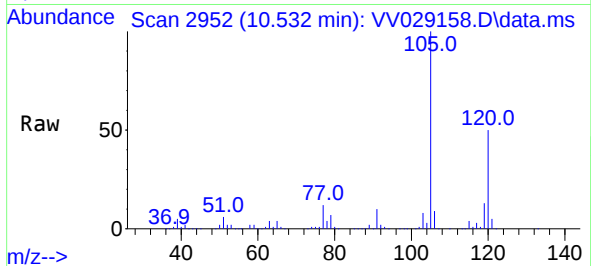




#62
1,3,5-Trimethylbenzene
Concen: 4.945 ug/L
RT: 10.532 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

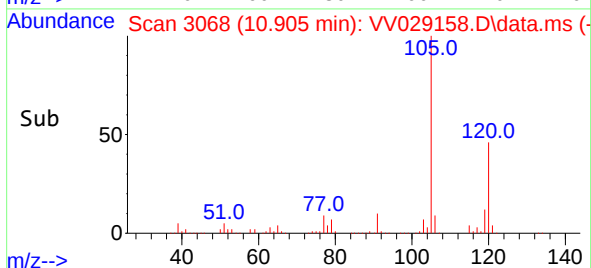
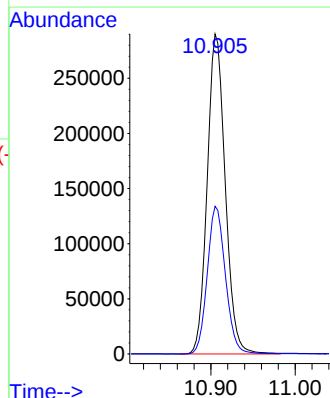
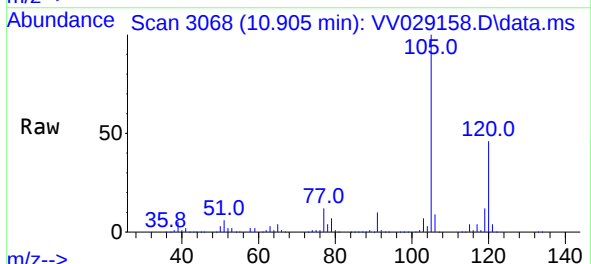
Instrument :
MSVOA_V
ClientSampleId :
VSTD005357

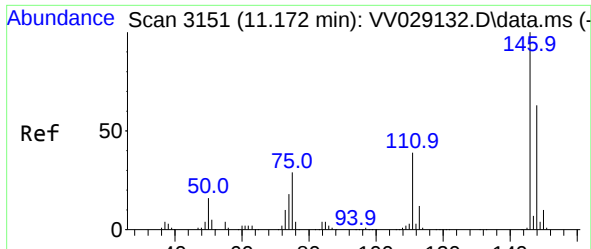
Tgt Ion:105 Resp: 433369
Ion Ratio Lower Upper
105 100
120 50.0 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 4.923 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion:105 Resp: 432164
Ion Ratio Lower Upper
105 100
120 46.5 37.8 56.8

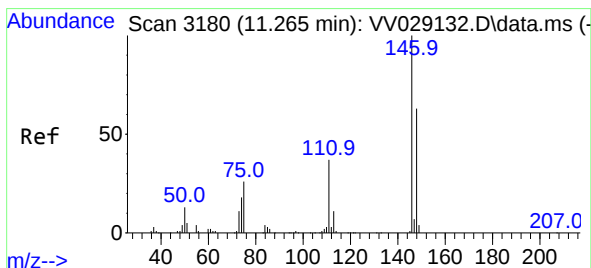
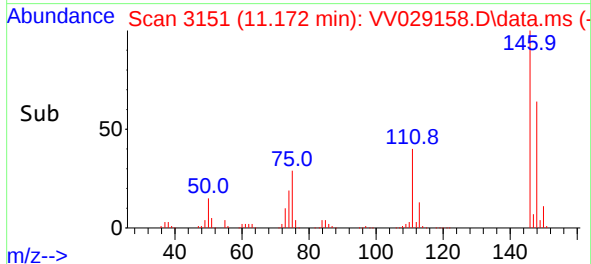
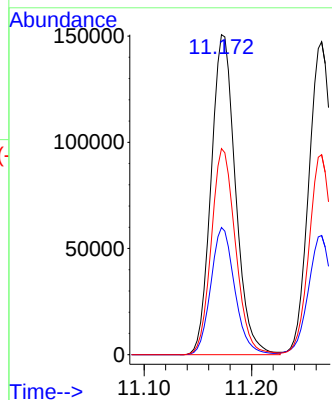
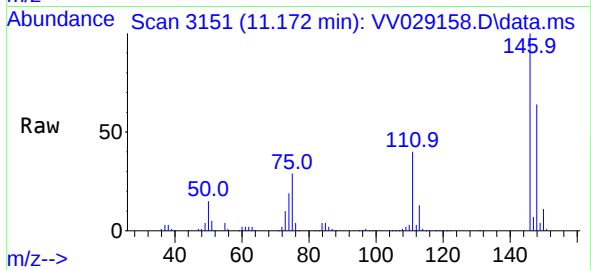




#64
1,3-Dichlorobenzene
Concen: 4.876 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

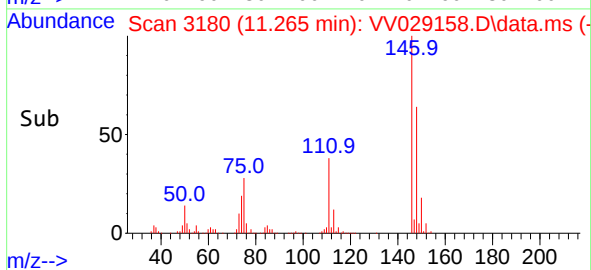
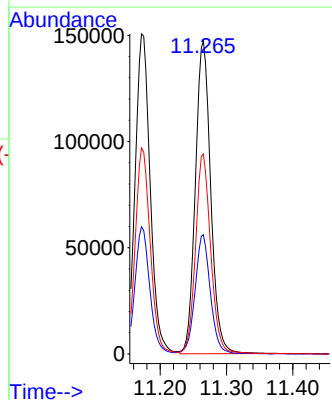
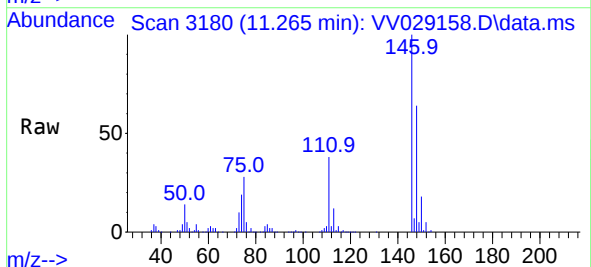
Instrument :
MSVOA_V
ClientSampleId :
VSTD005357

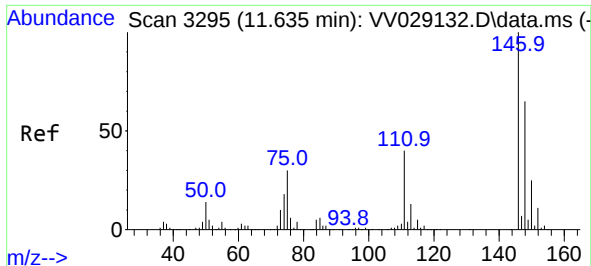
Tgt Ion:146 Resp: 237028
Ion Ratio Lower Upper
146 100
111 39.8 26.9 50.1
148 64.4 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 4.844 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion:146 Resp: 236710
Ion Ratio Lower Upper
146 100
111 38.1 26.5 49.3
148 63.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 5.007 ug/L

RT: 11.635 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005357

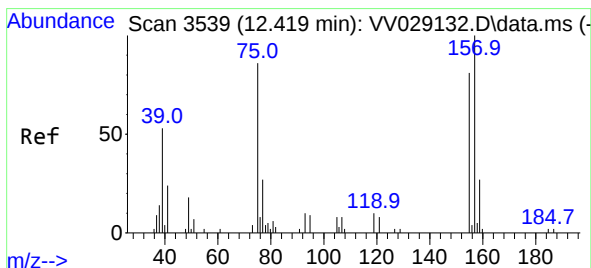
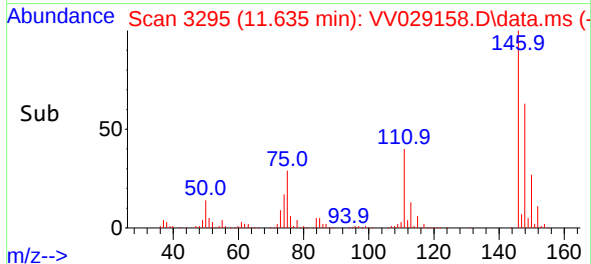
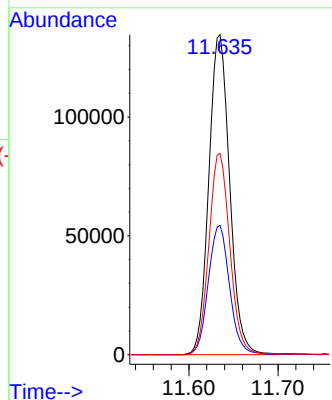
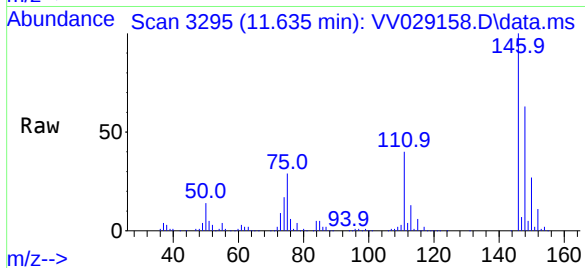
Tgt Ion:146 Resp: 218651

Ion Ratio Lower Upper

146 100

111 40.4 32.4 48.6

148 62.9 49.4 74.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.134 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

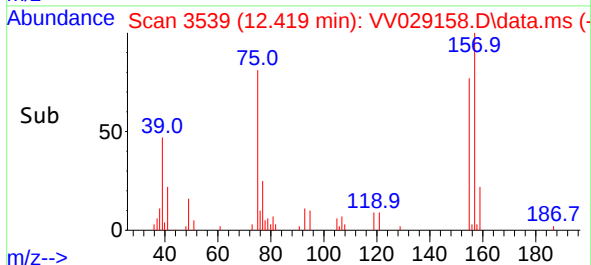
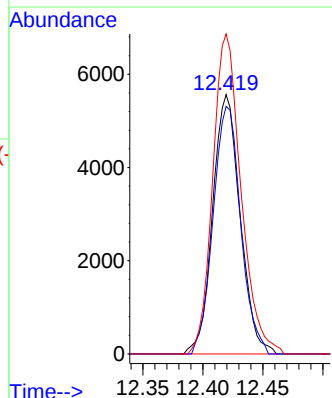
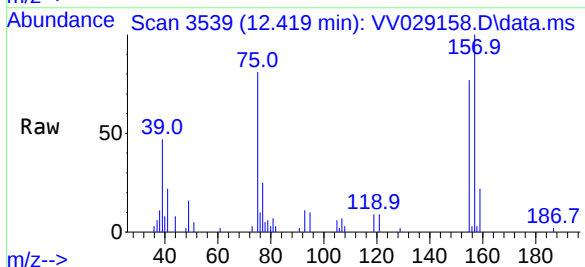
Tgt Ion: 75 Resp: 8860

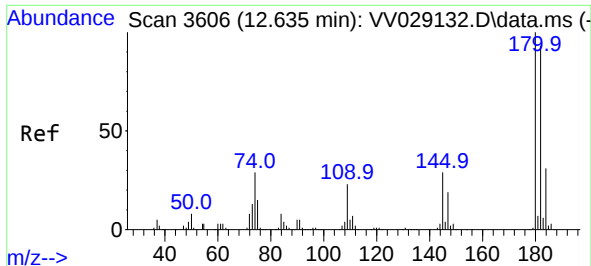
Ion Ratio Lower Upper

75 100

155 95.5 64.8 97.2

157 123.4 86.3 129.5





#69

1,3,5-Trichlorobenzene

Concen: 4.740 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. -0.000 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005357

Tgt Ion:180 Resp: 177773

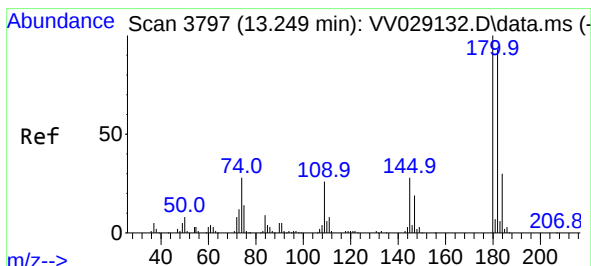
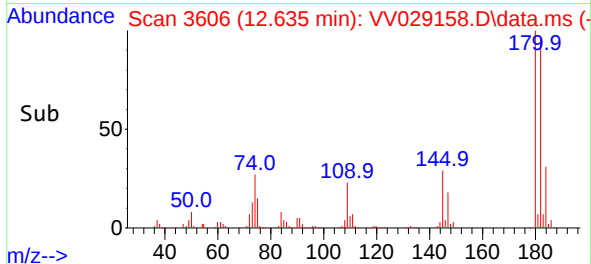
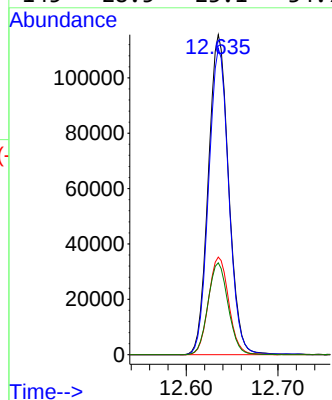
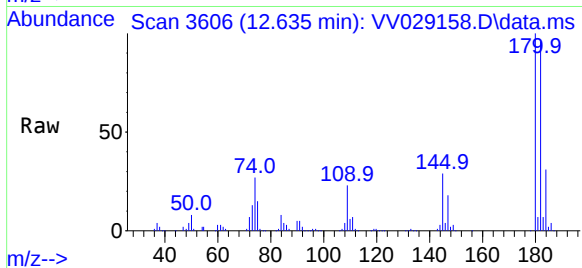
Ion Ratio Lower Upper

180 100

182 94.8 76.7 115.1

184 30.4 24.0 36.0

145 28.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.751 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. -0.000 min

Lab File: VV029158.D

Acq: 19 Nov 2022 08:08

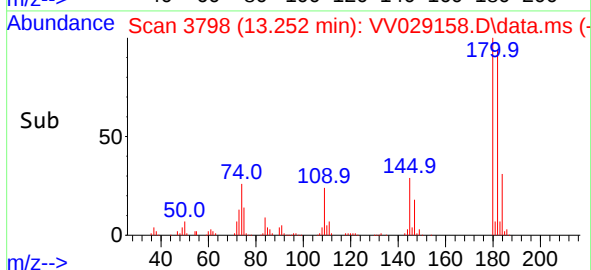
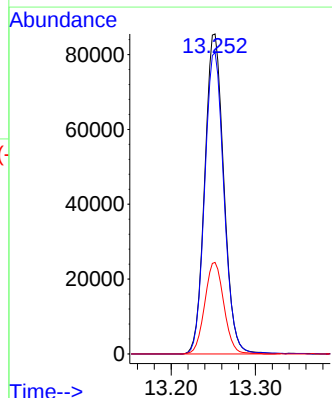
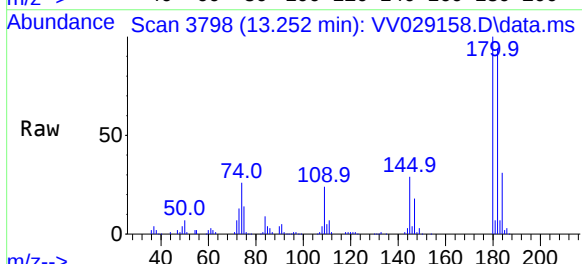
Tgt Ion:180 Resp: 134775

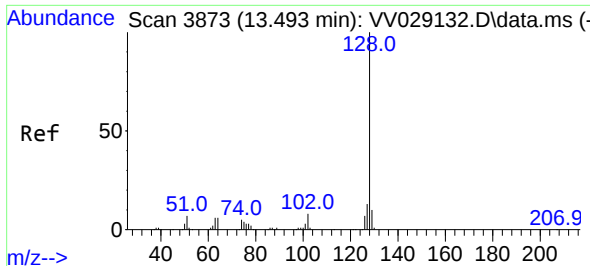
Ion Ratio Lower Upper

180 100

182 95.1 74.3 111.5

145 28.7 23.7 35.5

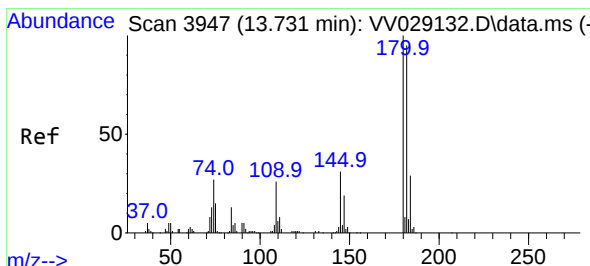
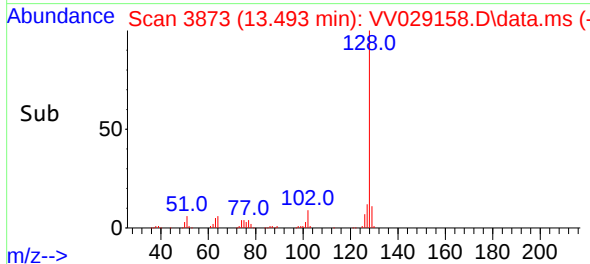
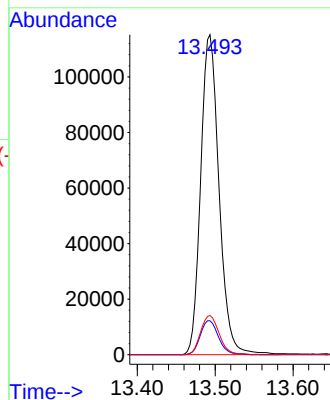
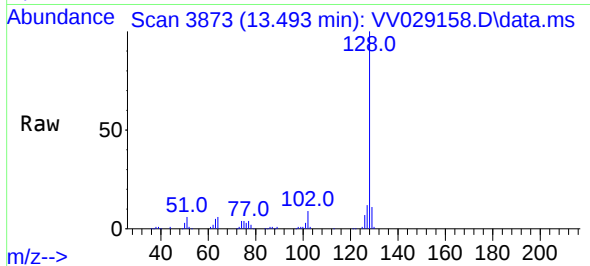




#71
Naphthalene
Concen: 5.154 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005357

Tgt Ion:128 Resp: 188638
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.4 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 4.924 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV029158.D
Acq: 19 Nov 2022 08:08

Tgt Ion:180 Resp: 118295
Ion Ratio Lower Upper
180 100
182 95.2 75.4 113.2
145 31.7 24.9 37.3

