

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029132.D
 Acq On : 18 Nov 2022 20:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005356

Quant Time: Nov 18 23:36:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	329279	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	310589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	161501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	128301	6.391	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 127.800%		
7) Chloroethane-d5	1.568	69	97042	5.499	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.000%		
11) 1,1-Dichloroethene-d2	2.108	63	210317	5.749	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 115.000%		
20) 2-Butanone-d5	3.896	46	118650	35.309	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 70.620%		
24) Chloroform-d	4.343	84	202208	4.906	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.200%		
26) 1,2-Dichloroethane-d4	5.027	65	89117	4.806	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.200%		
32) Benzene-d6	5.044	84	426204	4.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 92.000%		
36) 1,2-Dichloropropane-d6	6.063	67	124427	4.806	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 96.200%		
41) Toluene-d8	7.310	98	405416	4.858	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.200%		
43) trans-1,3-Dichloroprop...	7.616	79	38993	4.618	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 92.400%		
46) 2-Hexanone-d5	8.085	63	170727	47.373	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 94.740%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	88725	4.943	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 98.800%		
66) 1,2-Dichlorobenzene-d4	11.616	152	136916	4.739	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 94.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	133356	4.858	ug/L	97
3) Chloromethane	1.240	50	118904	5.219	ug/L	100
5) Vinyl chloride	1.311	62	128597	4.949	ug/L	95
6) Bromomethane	1.520	94	64976	4.184	ug/L	96
8) Chloroethane	1.584	64	82809	5.423	ug/L	99
9) Trichlorofluoromethane	1.751	101	180696	5.157	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	105861	5.336	ug/L	98
12) 1,1-Dichloroethene	2.118	96	102399	5.137	ug/L	97
13) Acetone	2.188	43	62280	28.812	ug/L	95
14) Carbon disulfide	2.291	76	303266	4.284	ug/L	100
15) Methyl Acetate	2.436	43	27888	5.316	ug/L	89
16) Methylene chloride	2.503	84	115404	4.478	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	214235	5.013	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	111707	4.832	ug/L	97
19) 1,1-Dichloroethane	3.185	63	198716	5.258	ug/L	99
21) 2-Butanone	3.982	43	122059	36.472	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	119098	5.067	ug/L	99
23) Bromochloromethane	4.240	128	49627	4.992	ug/L	85
25) Chloroform	4.368	83	203647	5.140	ug/L	95

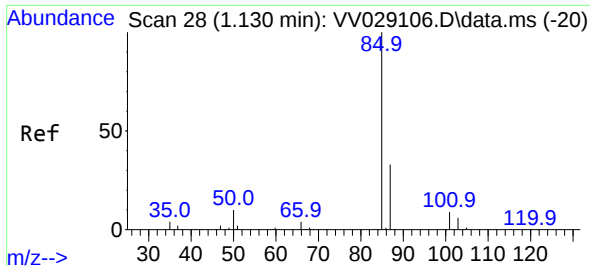
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029132.D
 Acq On : 18 Nov 2022 20:51
 Operator : SY/MD
 Sample : VSTDCCC005
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 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005356

Quant Time: Nov 18 23:36:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	108761	5.330	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	168710	4.629	ug/L	99
30) Cyclohexane	4.671	56	177806	4.800	ug/L	95
31) Carbon tetrachloride	4.822	117	141708	4.515	ug/L	100
33) Benzene	5.095	78	464802	4.897	ug/L	100
34) Trichloroethene	5.908	95	113878	4.687	ug/L	98
35) Methylcyclohexane	6.127	83	193554	4.533	ug/L	97
37) 1,2-Dichloropropane	6.169	63	110753	5.060	ug/L	99
38) Bromodichloromethane	6.503	83	129293	4.665	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	134848	4.413	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	541573	57.513	ug/L	92
42) Toluene	7.381	91	493933	4.817	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	108194	4.561	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	74412	5.194	ug/L	96
47) Tetrachloroethene	7.969	164	93088	4.785	ug/L	99
48) 2-Hexanone	8.137	43	390067	59.135	ug/L	98
49) Dibromochloromethane	8.240	129	81055	4.679	ug/L	100
50) 1,2-Dibromoethane	8.346	107	70878	5.325	ug/L	98
51) Chlorobenzene	8.873	112	311685	4.916	ug/L	98
52) Ethylbenzene	9.005	91	523556	4.905	ug/L	99
53) m,p-Xylene	9.130	106	201305	4.742	ug/L	96
54) o-Xylene	9.535	106	200103	4.958	ug/L	98
55) Styrene	9.551	104	342421	5.059	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	91862	5.501	ug/L	99
59) Bromoform	9.725	173	39548	4.492	ug/L	100
60) Isopropylbenzene	9.924	105	530073	5.057	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	61966	5.615	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	437700	4.929	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	438334	4.928	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	246831	5.011	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	244934	4.947	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	224482	5.073	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	9709	4.471	ug/L	89
69) 1,3,5-Trichlorobenzene	12.635	180	182174	4.794	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	139655	4.859	ug/L	99
71) Naphthalene	13.493	128	175633	4.736	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	122390	5.028	ug/L	99

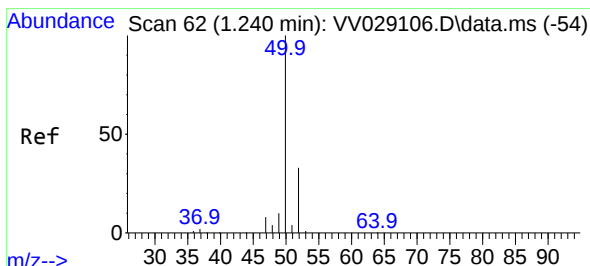
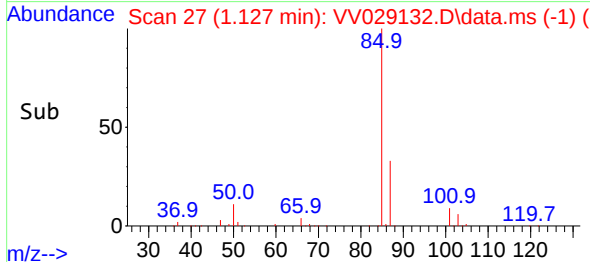
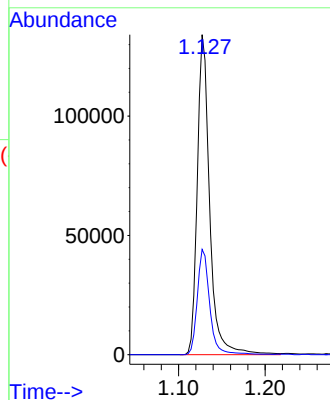
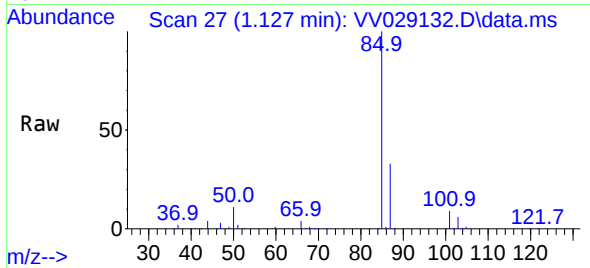
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.858 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV029132.D
 Acq: 18 Nov 2022 20:51

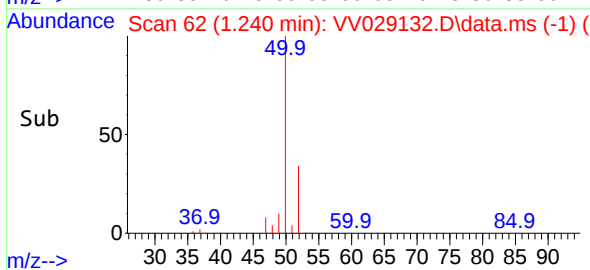
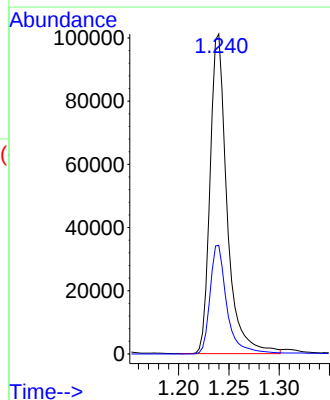
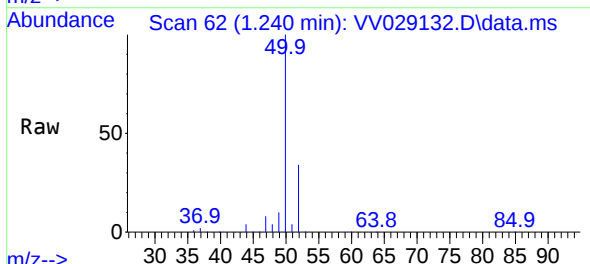
Instrument :
 MSVOA_V
 ClientSampleId :
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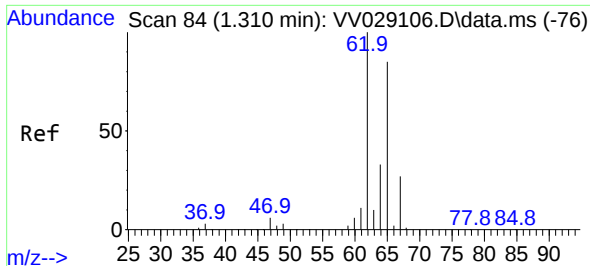
Tgt Ion: 85 Resp: 133356
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.0 37.4



#3
 Chloromethane
 Concen: 5.219 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029132.D
 Acq: 18 Nov 2022 20:51

Tgt Ion: 50 Resp: 118904
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.7 43.9

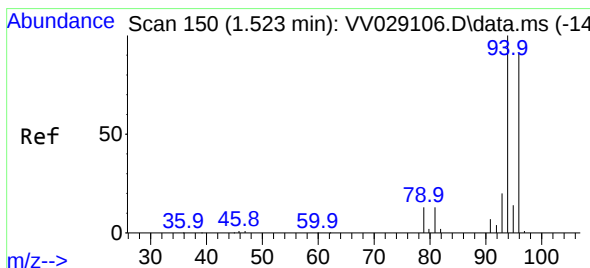
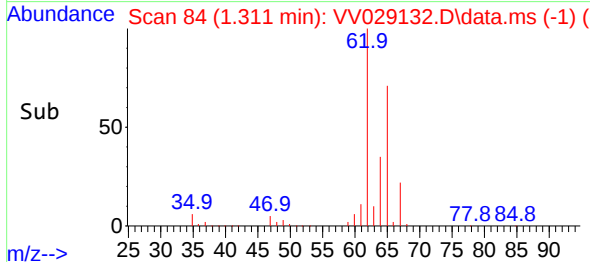
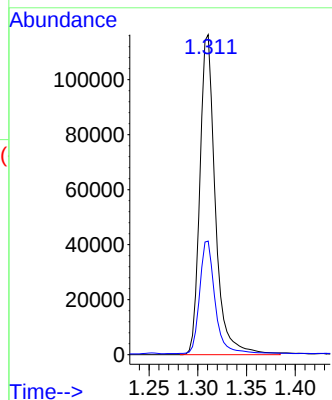
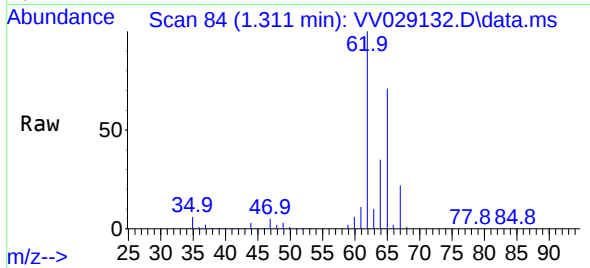




#5
 Vinyl chloride
 Concen: 4.949 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029132.D
 Acq: 18 Nov 2022 20:51

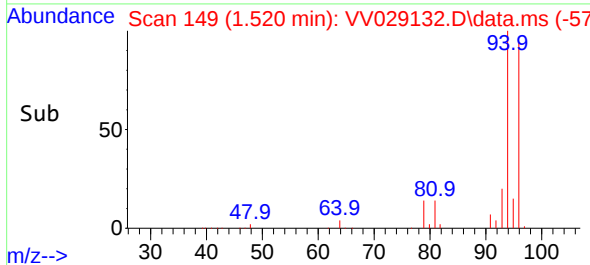
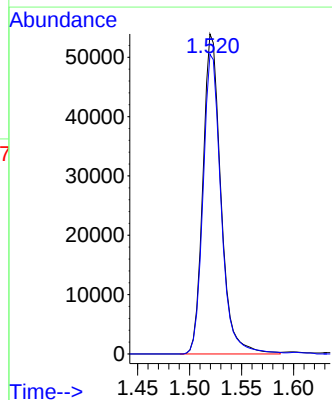
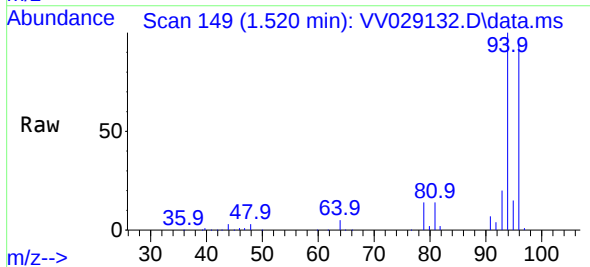
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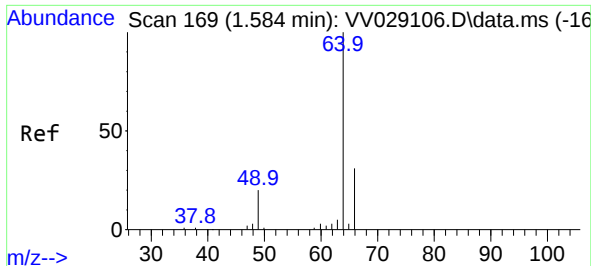
Tgt Ion: 62 Resp: 128597
 Ion Ratio Lower Upper
 62 100
 64 35.5 22.8 42.4



#6
 Bromomethane
 Concen: 4.184 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV029132.D
 Acq: 18 Nov 2022 20:51

Tgt Ion: 94 Resp: 64976
 Ion Ratio Lower Upper
 94 100
 96 93.6 68.5 127.3

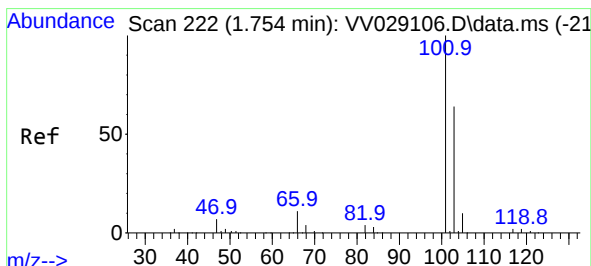
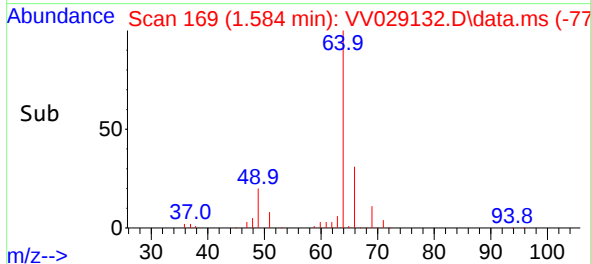
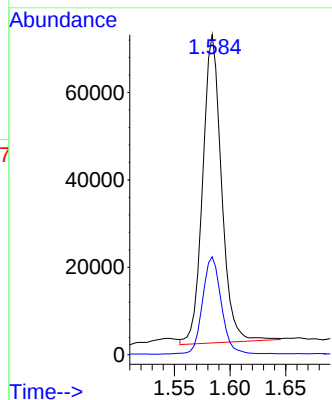
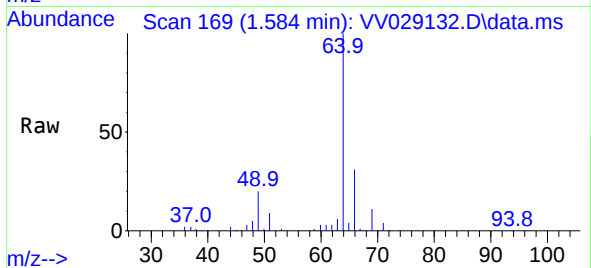




#8
Chloroethane
Concen: 5.423 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

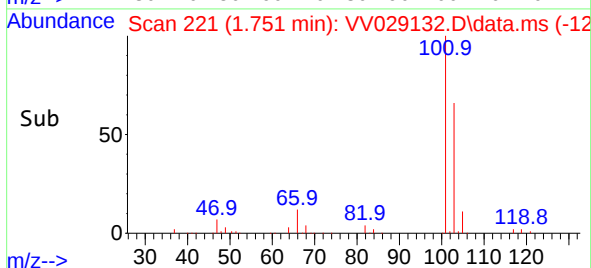
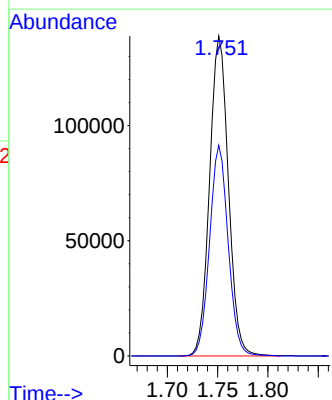
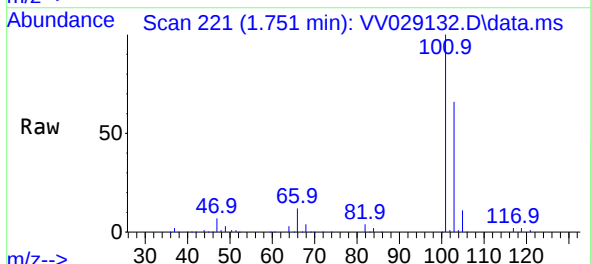
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ClientSampleId :
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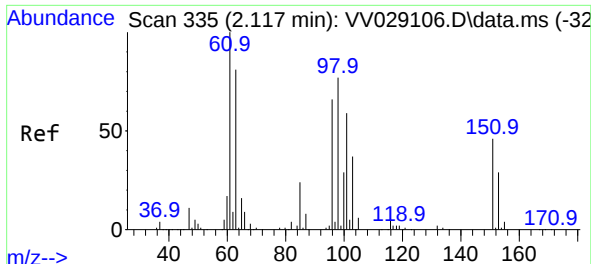
Tgt Ion: 64 Resp: 82809
Ion Ratio Lower Upper
64 100
66 30.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.157 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion:101 Resp: 180696
Ion Ratio Lower Upper
101 100
103 65.0 51.3 76.9

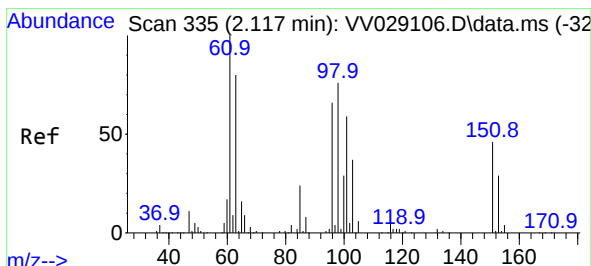
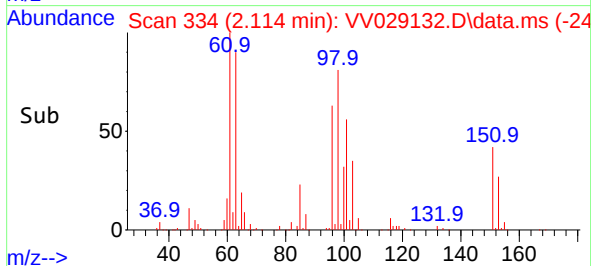
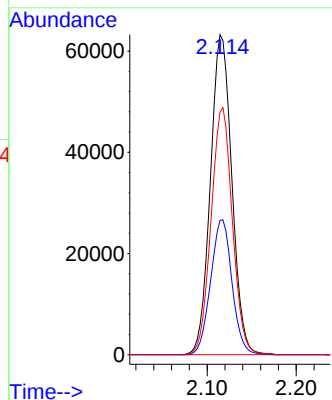
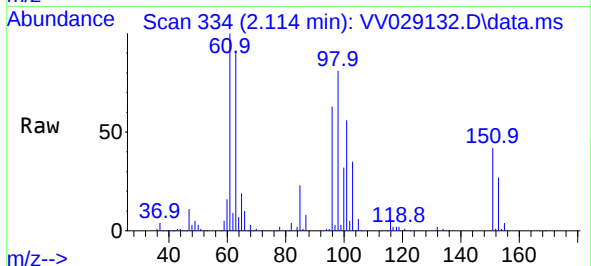




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.336 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

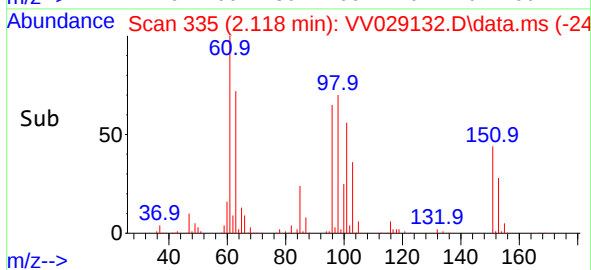
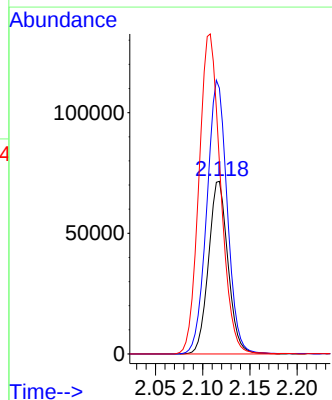
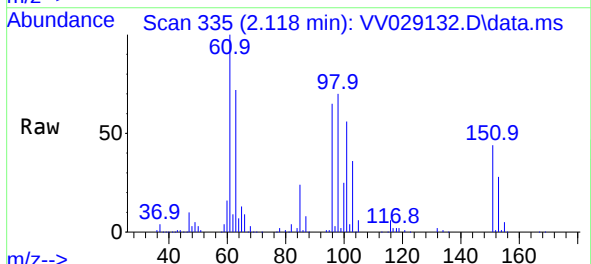
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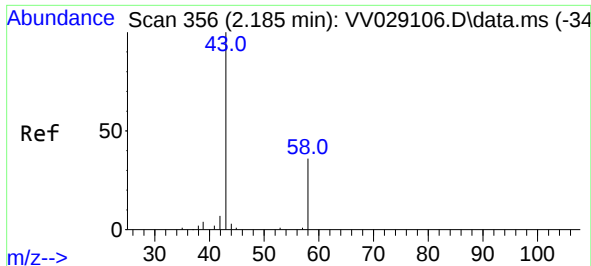
Tgt Ion:101 Resp: 105861
Ion Ratio Lower Upper
101 100
85 42.1 32.9 49.3
151 76.7 62.5 93.7



#12
1,1-Dichloroethene
Concen: 5.137 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 96 Resp: 102399
Ion Ratio Lower Upper
96 100
61 153.9 104.2 193.4
63 111.0 75.9 140.9

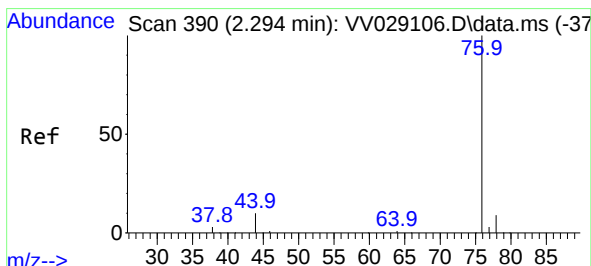
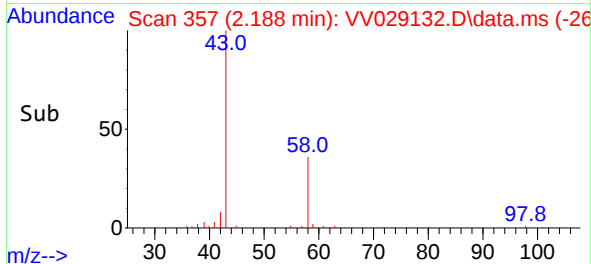
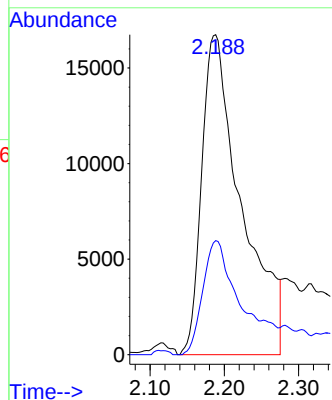
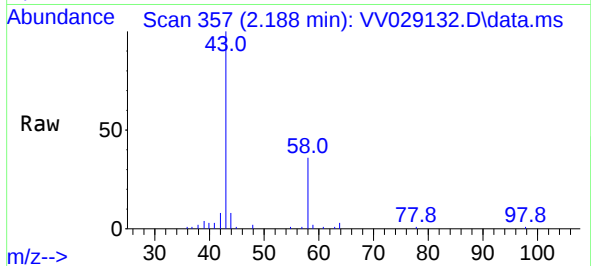




#13
Acetone
Concen: 28.812 ug/L
RT: 2.188 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

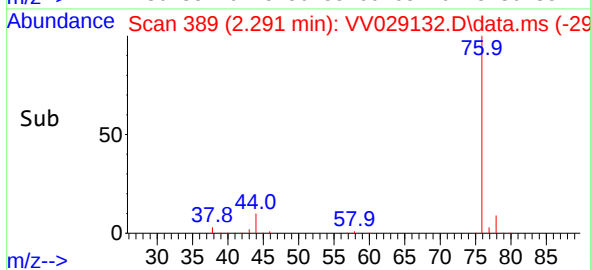
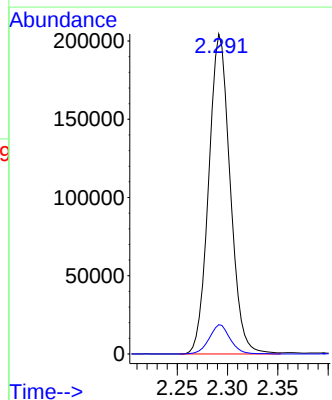
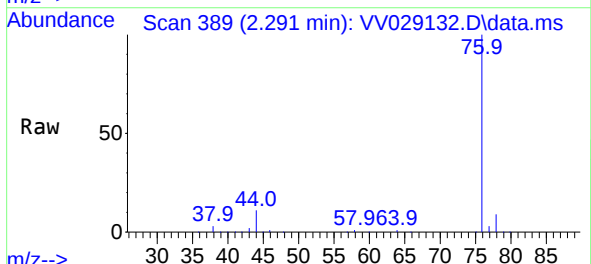
Instrument :
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ClientSampleId :
VSTD005356

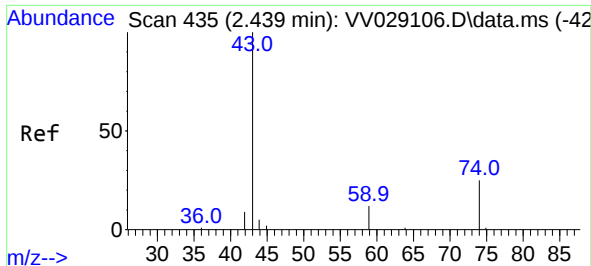
Tgt Ion: 43 Resp: 62280
Ion Ratio Lower Upper
43 100
58 31.0 0.0 56.6



#14
Carbon disulfide
Concen: 4.284 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 76 Resp: 303266
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

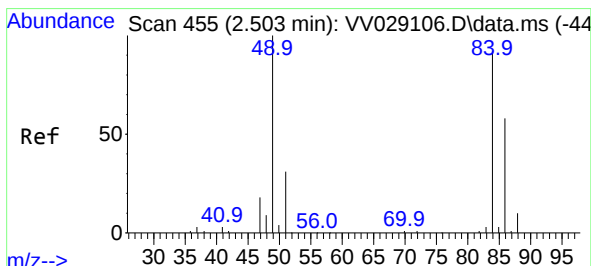
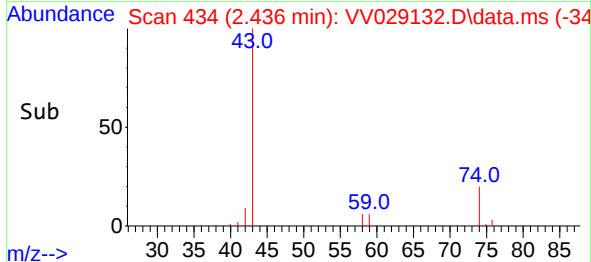
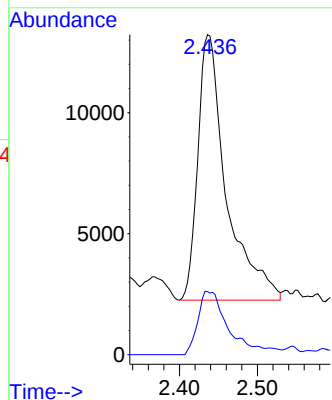
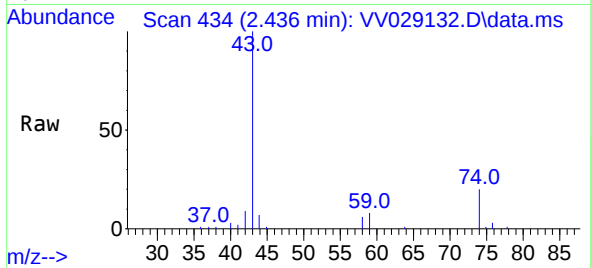




#15
Methyl Acetate
Concen: 5.316 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

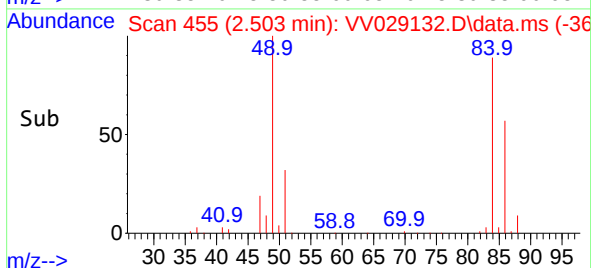
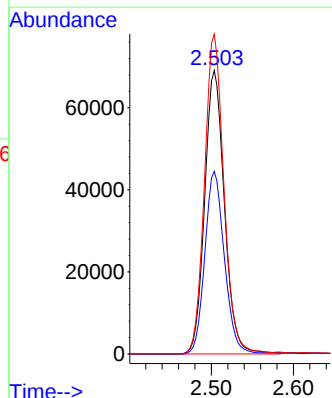
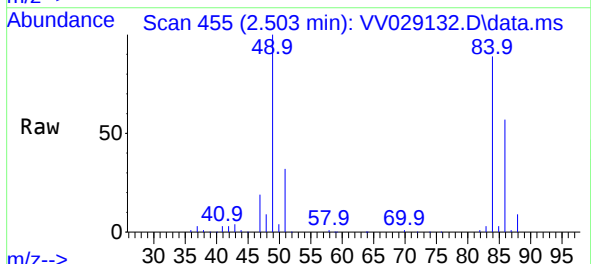
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

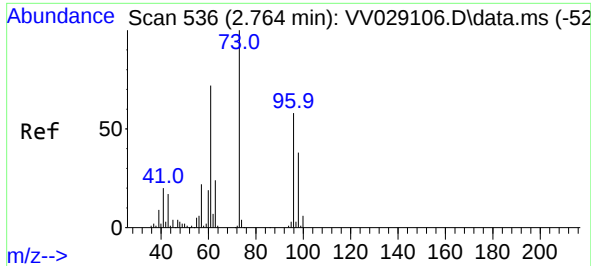
Tgt Ion: 43 Resp: 27888
Ion Ratio Lower Upper
43 100
74 24.9 24.6 37.0



#16
Methylene chloride
Concen: 4.478 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 84 Resp: 115404
Ion Ratio Lower Upper
84 100
86 64.4 45.8 85.0
49 112.9 75.5 140.1

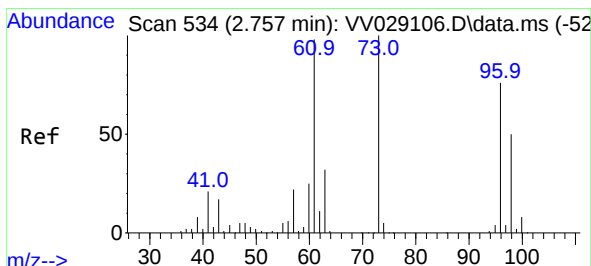
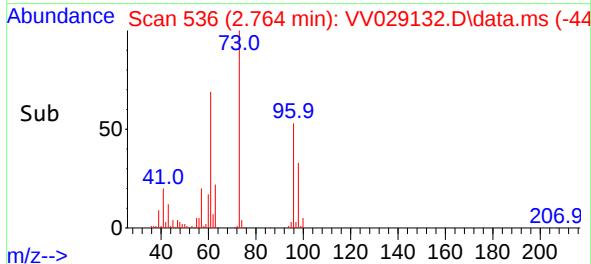
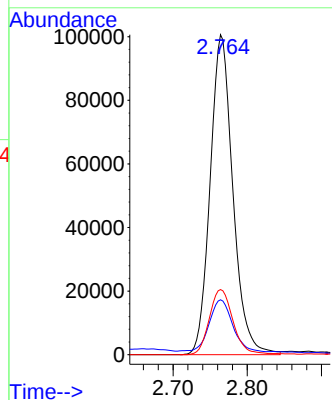
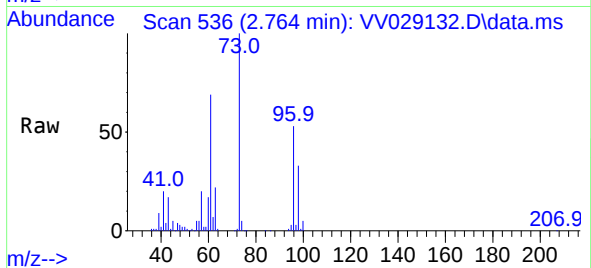




#17
Methyl tert-butyl Ether
Concen: 5.013 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

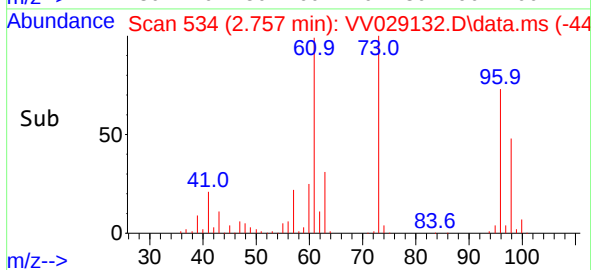
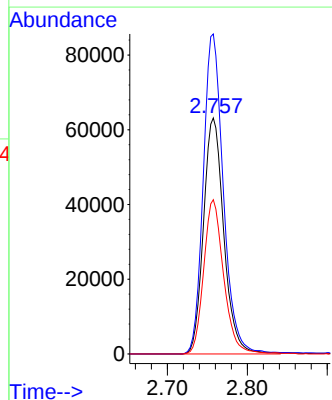
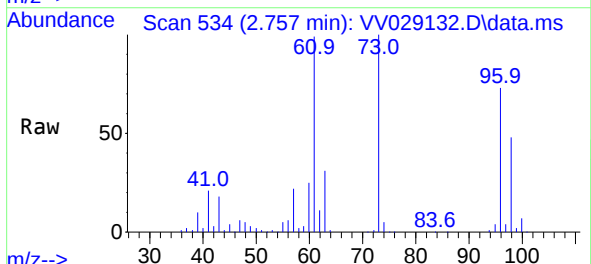
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

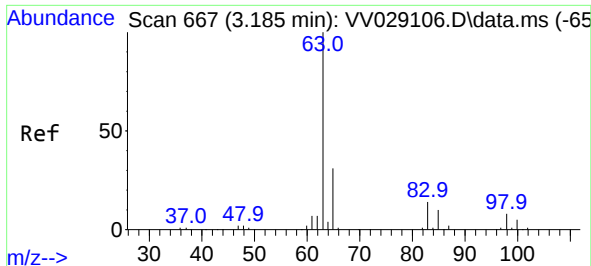
Tgt Ion: 73 Resp: 214235
Ion Ratio Lower Upper
73 100
43 16.6 13.0 19.4
57 21.3 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 4.832 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 96 Resp: 111707
Ion Ratio Lower Upper
96 100
61 135.6 91.8 170.6
98 65.3 46.4 86.2

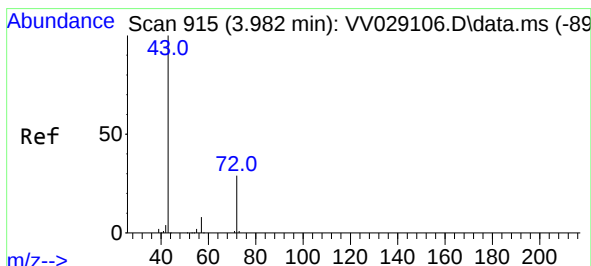
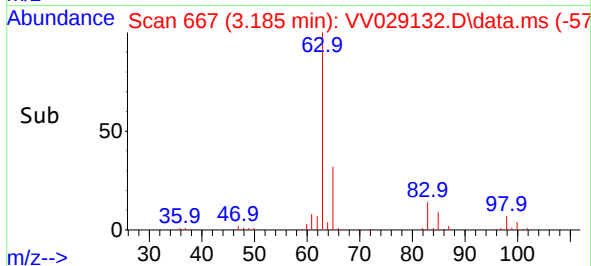
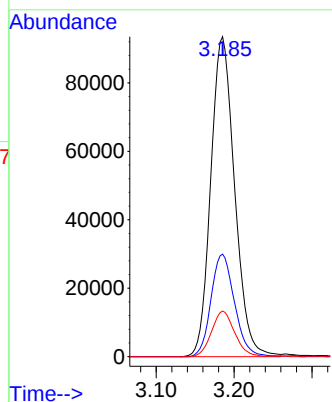
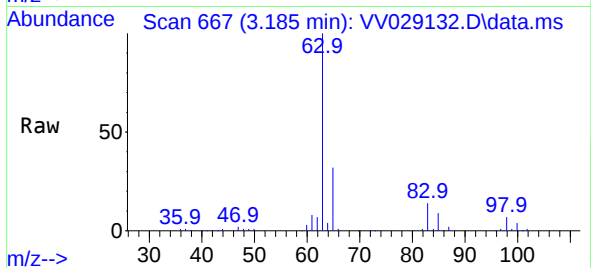




#19
1,1-Dichloroethane
Concen: 5.258 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

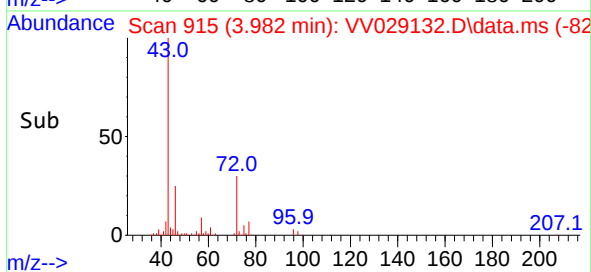
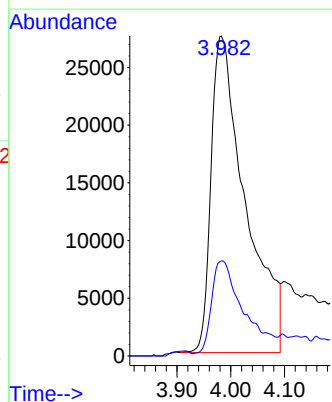
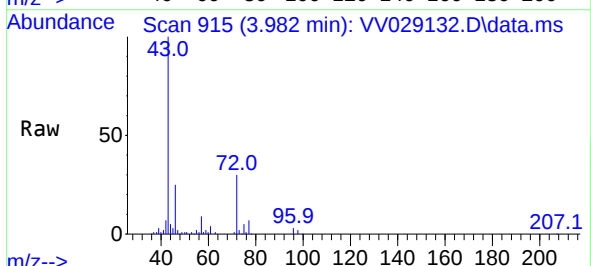
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

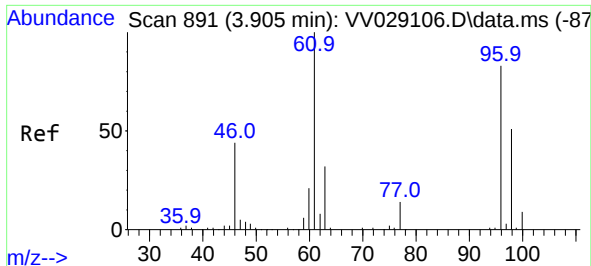
Tgt Ion: 63 Resp: 198716
Ion Ratio Lower Upper
63 100
65 32.1 23.0 42.6
83 14.2 9.4 17.6



#21
2-Butanone
Concen: 36.472 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 43 Resp: 122059
Ion Ratio Lower Upper
43 100
72 25.0 11.9 35.9

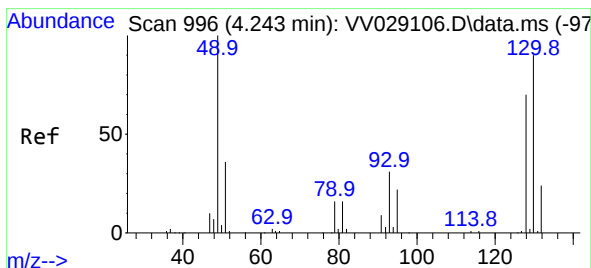
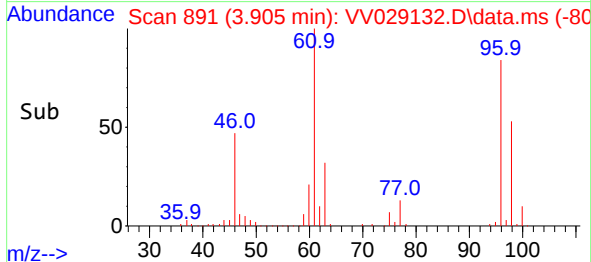
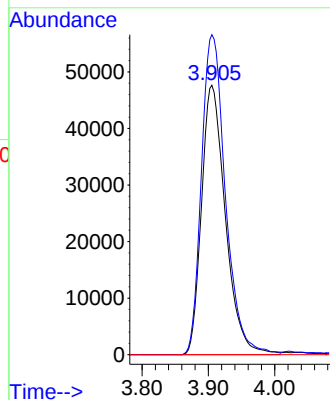
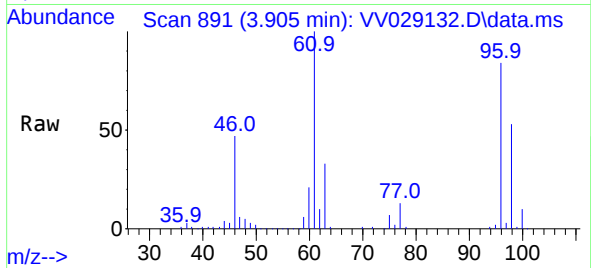




#22
cis-1,2-Dichloroethene
Concen: 5.067 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.006 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

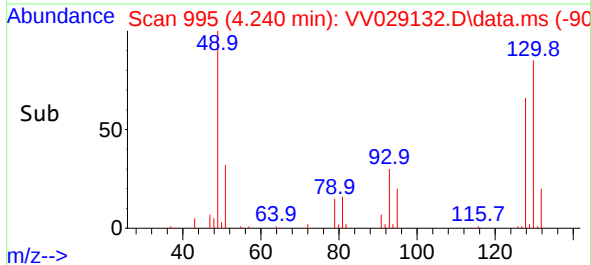
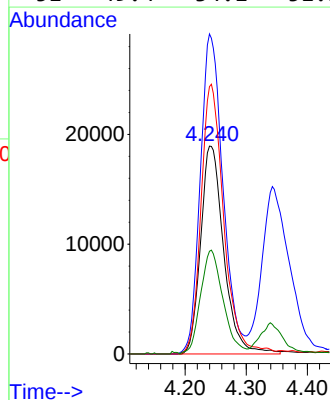
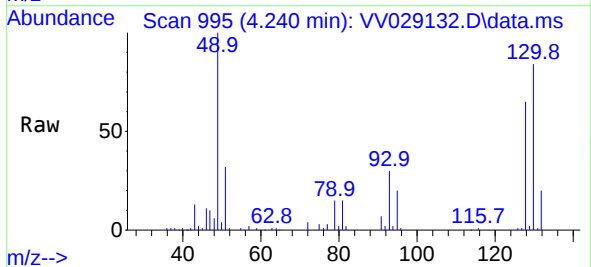
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

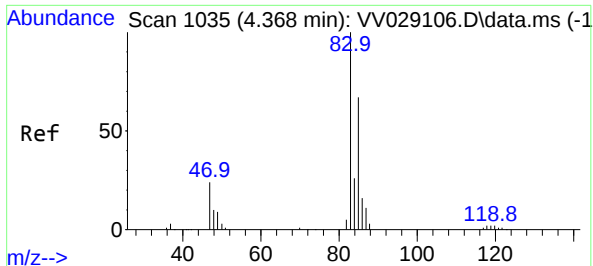
Tgt Ion: 96 Resp: 119098
Ion Ratio Lower Upper
96 100
61 118.8 82.3 152.9
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.992 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.006 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 128 Resp: 49627
Ion Ratio Lower Upper
128 100
49 154.0 89.5 166.1
130 128.7 84.4 156.8
51 49.4 34.1 51.1





#25

Chloroform

Concen: 5.140 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VV029132.D

Acq: 18 Nov 2022 20:51

Instrument :

MSVOA_V

ClientSampleId :

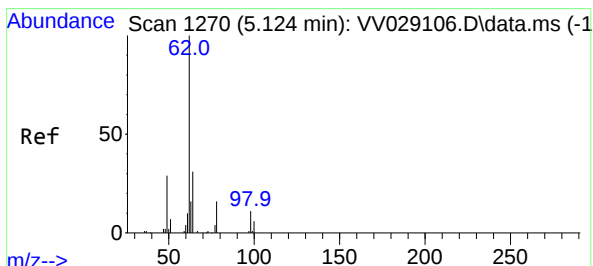
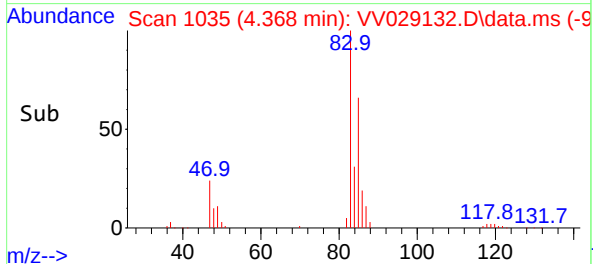
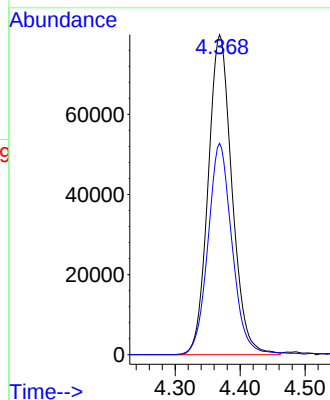
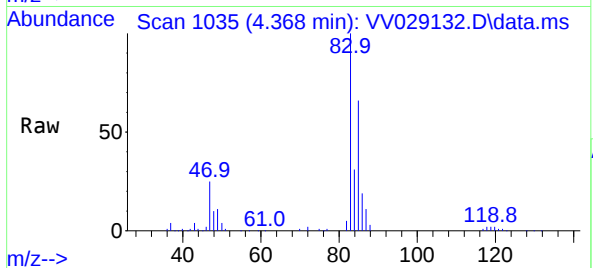
VSTD005356

Tgt Ion: 83 Resp: 203647

Ion Ratio Lower Upper

83 100

85 66.1 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.330 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.006 min

Lab File: VV029132.D

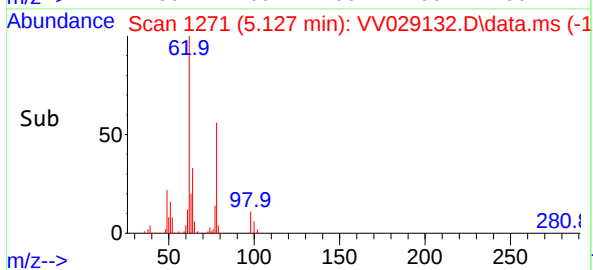
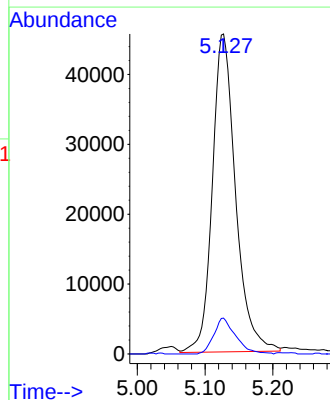
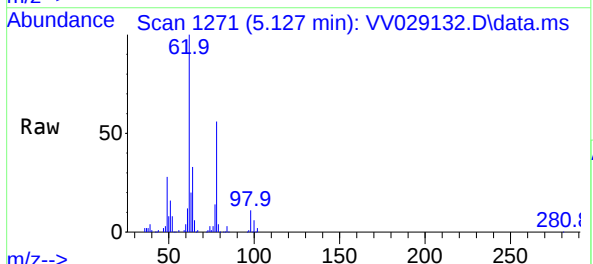
Acq: 18 Nov 2022 20:51

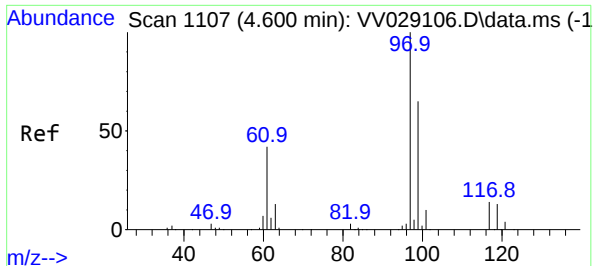
Tgt Ion: 62 Resp: 108761

Ion Ratio Lower Upper

62 100

98 11.2 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.629 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VV029132.D

Acq: 18 Nov 2022 20:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD005356

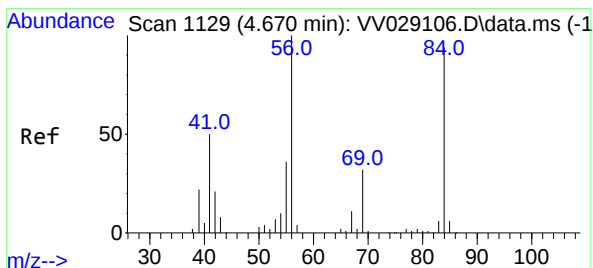
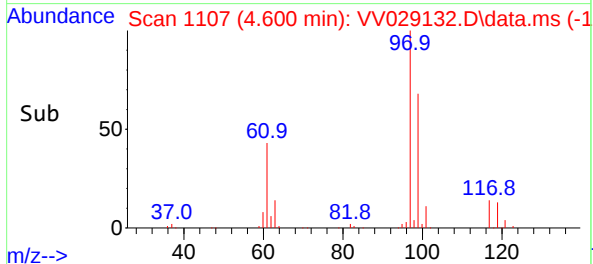
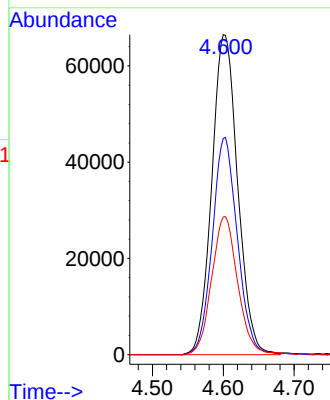
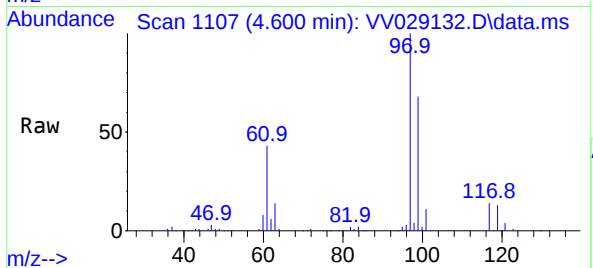
Tgt Ion: 97 Resp: 168710

Ion Ratio Lower Upper

97 100

99 65.8 52.7 79.1

61 43.5 33.8 50.6



#30

Cyclohexane

Concen: 4.800 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VV029132.D

Acq: 18 Nov 2022 20:51

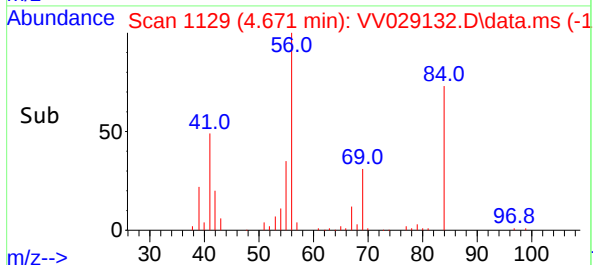
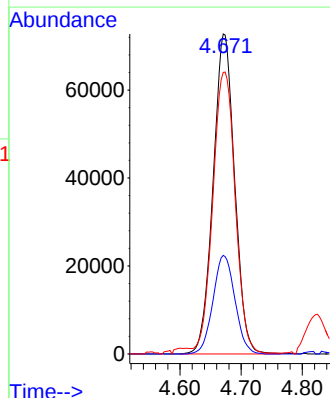
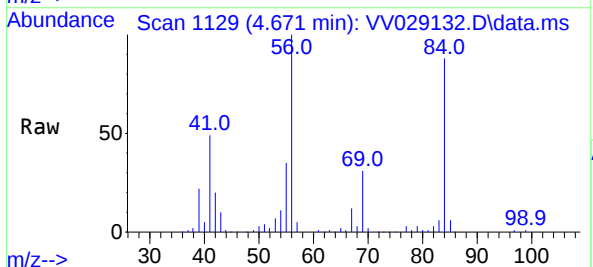
Tgt Ion: 56 Resp: 177806

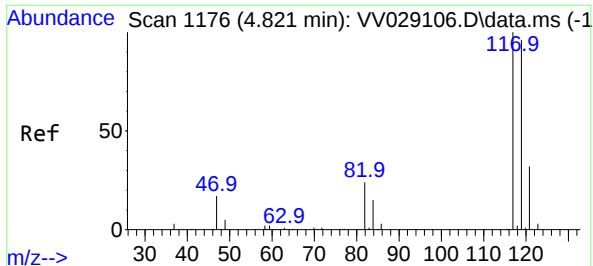
Ion Ratio Lower Upper

56 100

69 31.4 26.1 39.1

84 91.3 77.9 116.9

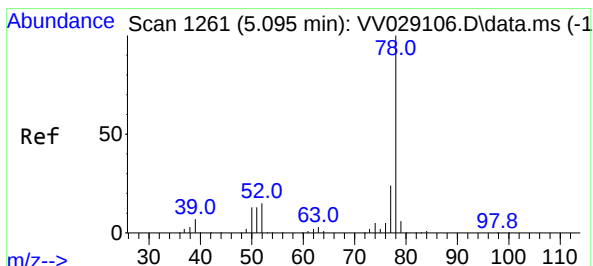
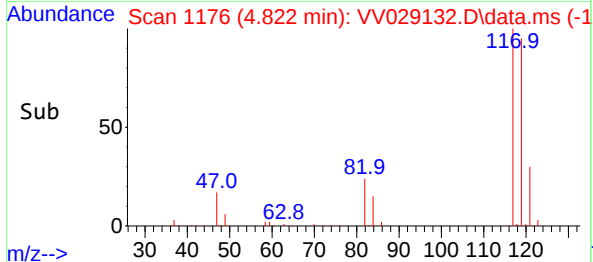
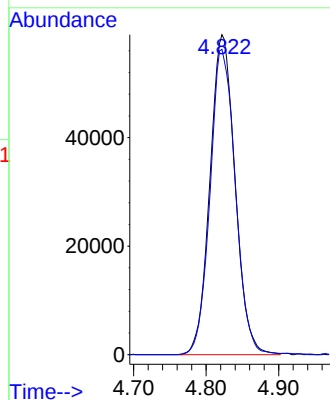
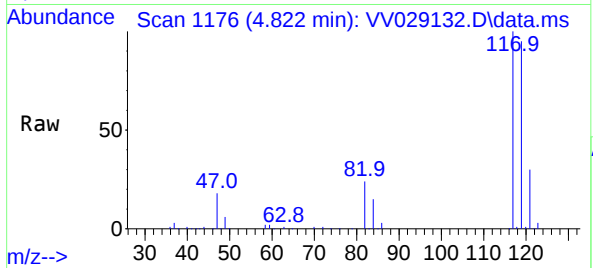




#31
Carbon tetrachloride
Concen: 4.515 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.006 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

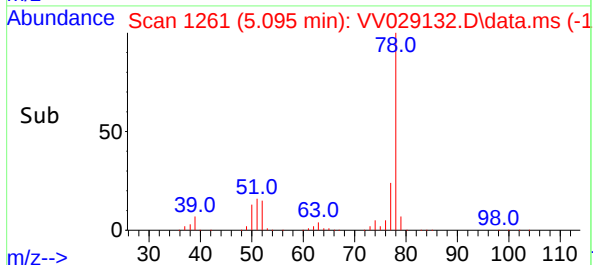
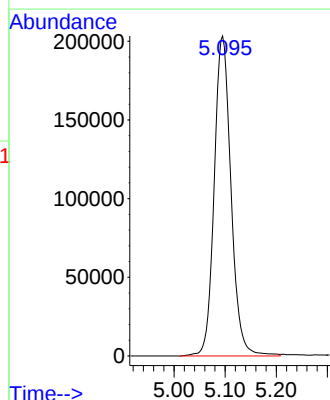
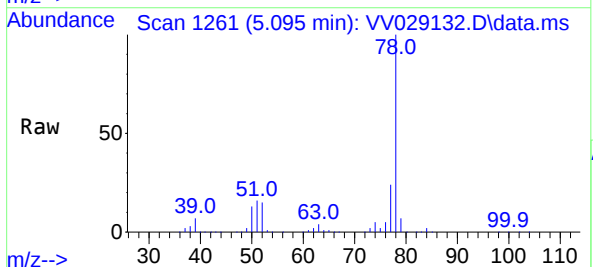
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

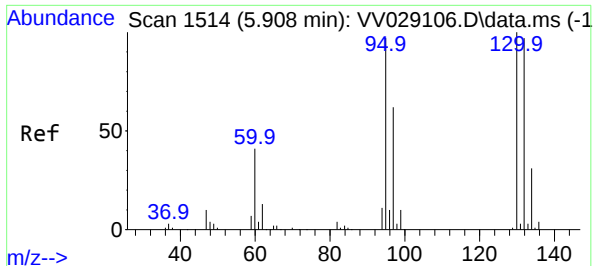
Tgt Ion:117 Resp: 141708
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6



#33
Benzene
Concen: 4.897 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 78 Resp: 464802

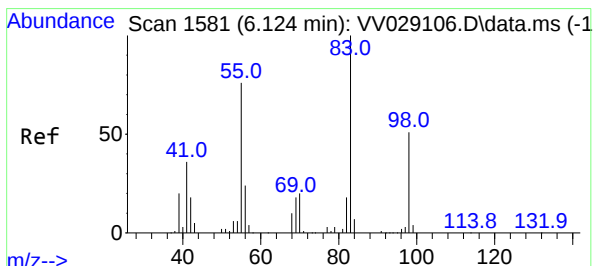
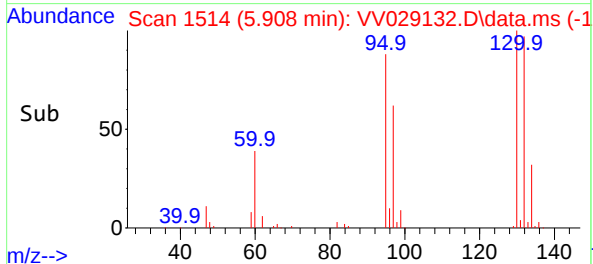
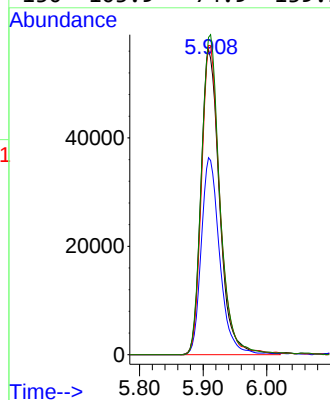
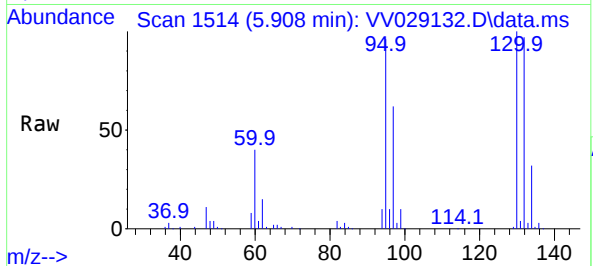




#34
Trichloroethene
Concen: 4.687 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

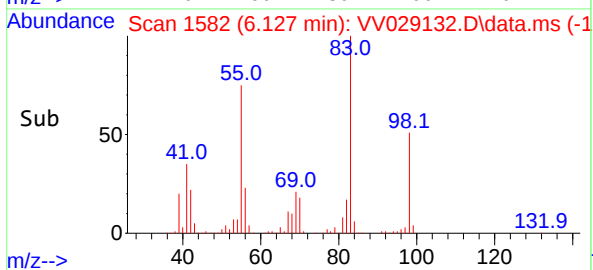
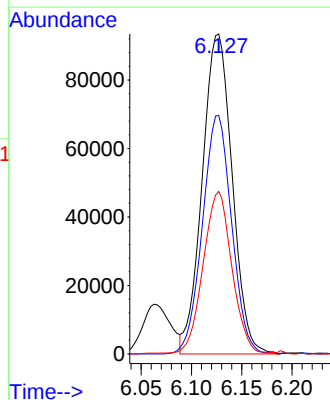
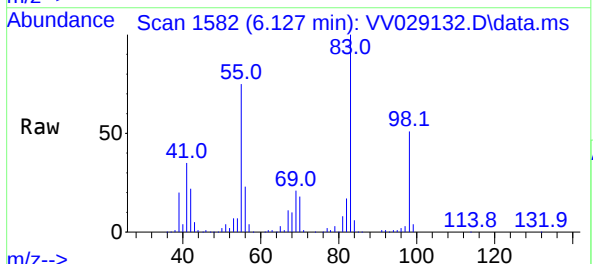
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

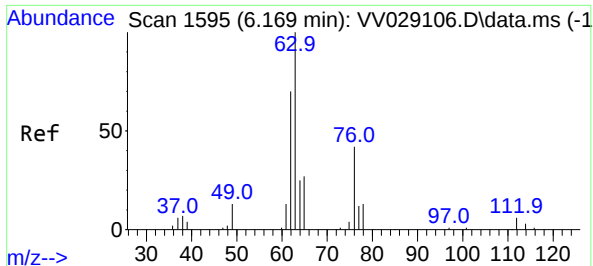
Tgt Ion: 95 Resp: 113878
Ion Ratio Lower Upper
95 100
97 64.5 45.6 84.8
132 101.3 69.1 128.3
130 103.9 74.9 139.1



#35
Methylcyclohexane
Concen: 4.533 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 83 Resp: 193554
Ion Ratio Lower Upper
83 100
55 72.9 55.8 83.6
98 49.1 38.2 57.2

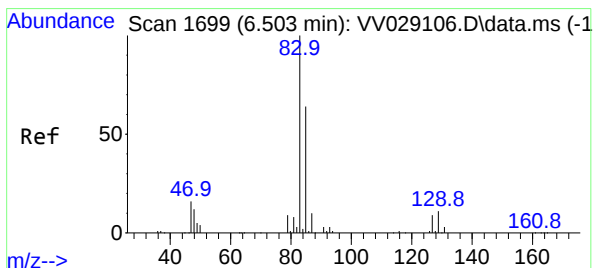
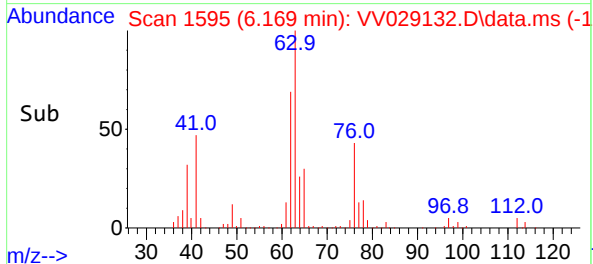
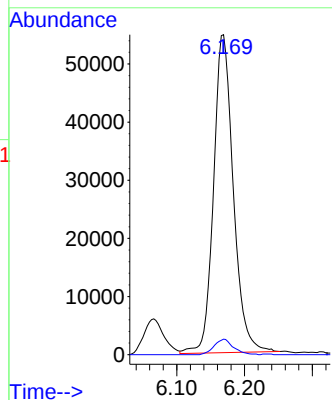
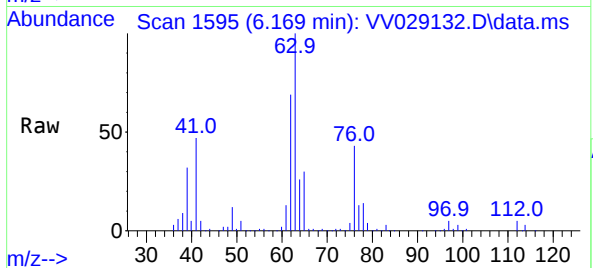




#37
1,2-Dichloropropane
Concen: 5.060 ug/L
RT: 6.169 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

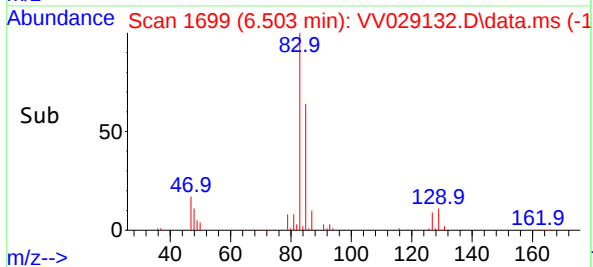
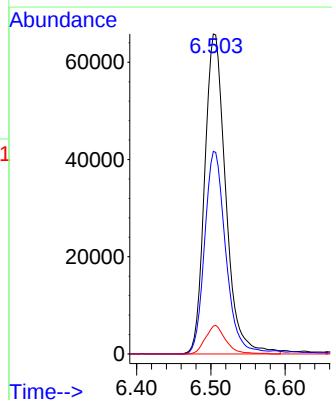
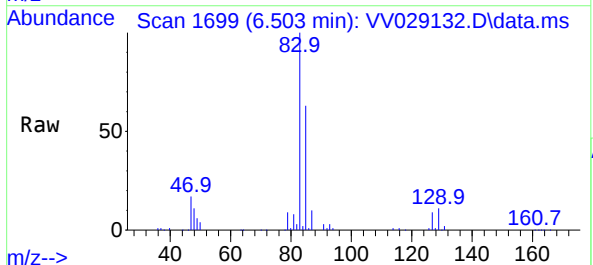
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

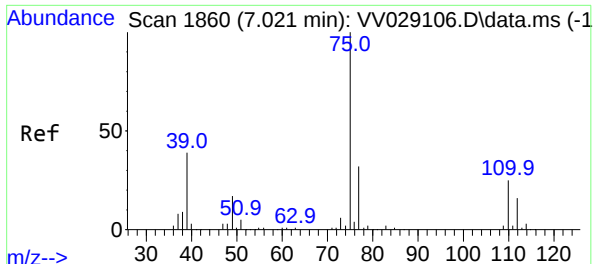
Tgt Ion: 63 Resp: 110753
Ion Ratio Lower Upper
63 100
112 4.8 4.0 6.0



#38
Bromodichloromethane
Concen: 4.665 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 83 Resp: 129293
Ion Ratio Lower Upper
83 100
85 63.3 46.1 85.5
127 8.7 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.413 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. -0.003 min

Lab File: VV029132.D

Acq: 18 Nov 2022 20:51

Instrument :

MSVOA_V

ClientSampleId :

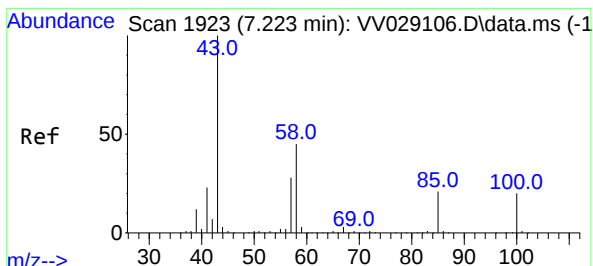
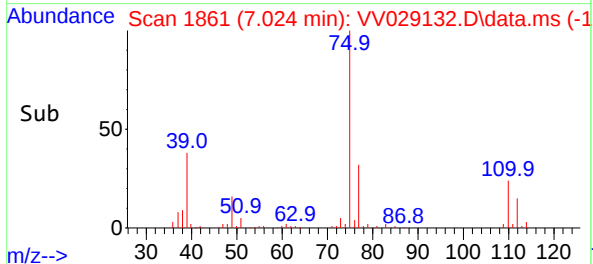
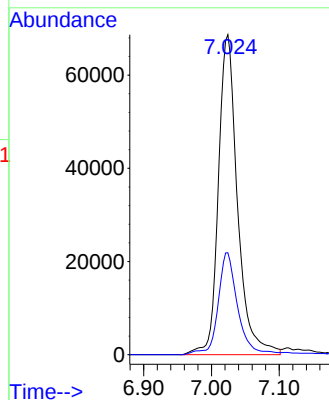
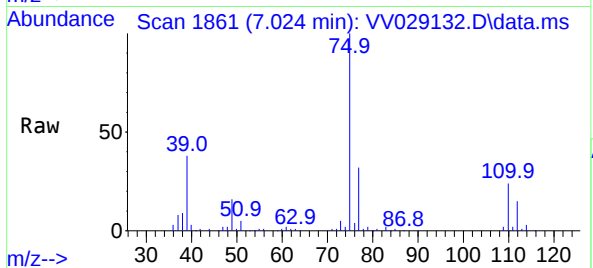
VSTD005356

Tgt Ion: 75 Resp: 134848

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 57.513 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV029132.D

Acq: 18 Nov 2022 20:51

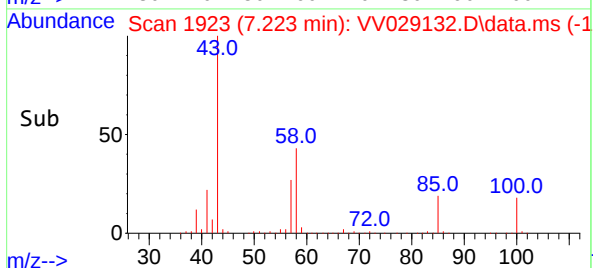
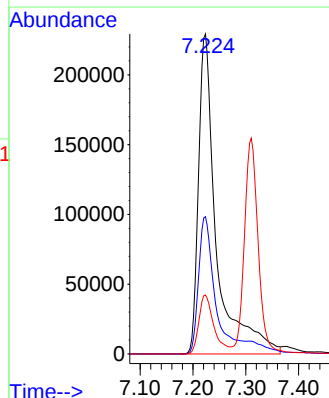
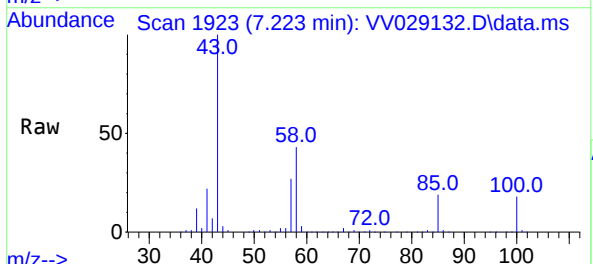
Tgt Ion: 43 Resp: 541573

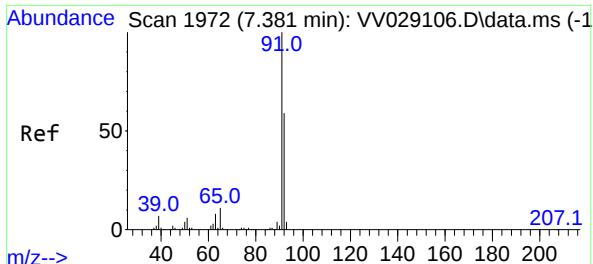
Ion Ratio Lower Upper

43 100

58 39.8 36.6 55.0

100 15.6 14.5 21.7





#42

Toluene

Concen: 4.817 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.003 min

Lab File: VV029132.D

Acq: 18 Nov 2022 20:51

Instrument :

MSVOA_V

ClientSampleId :

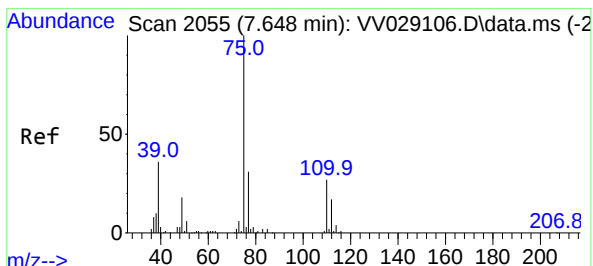
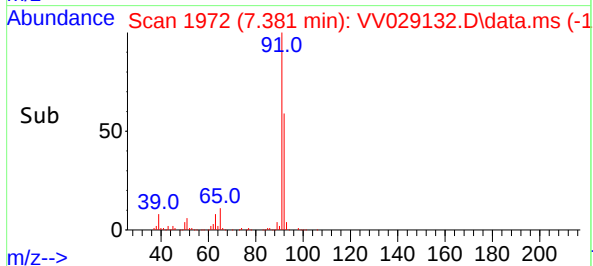
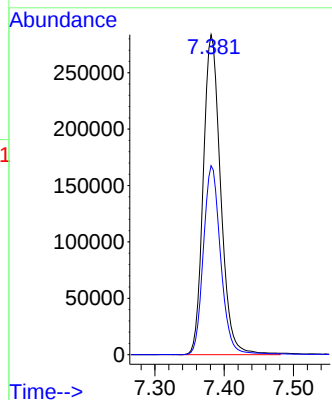
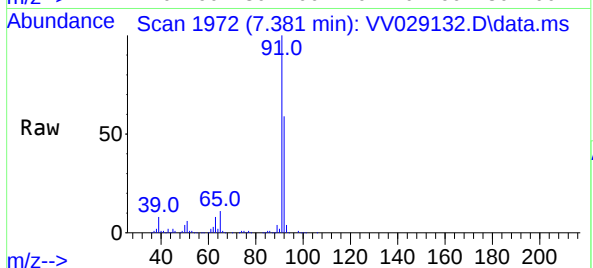
VSTD005356

Tgt Ion: 91 Resp: 493933

Ion Ratio Lower Upper

91 100

92 59.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.561 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.006 min

Lab File: VV029132.D

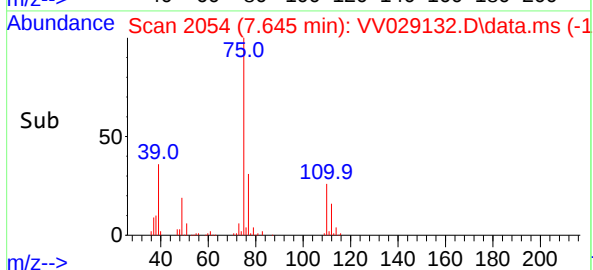
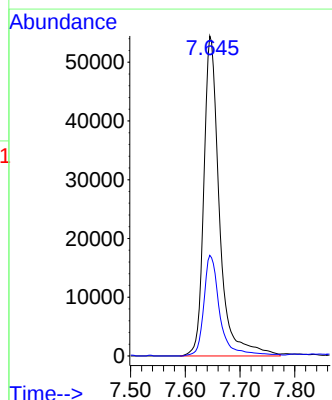
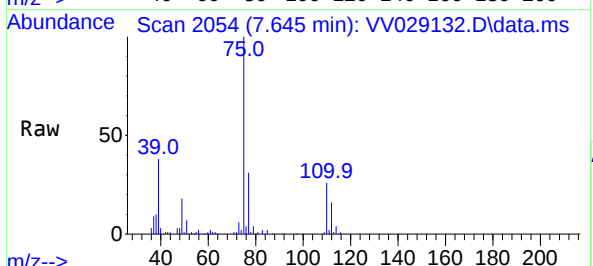
Acq: 18 Nov 2022 20:51

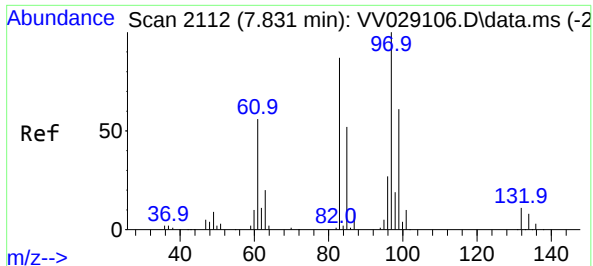
Tgt Ion: 75 Resp: 108194

Ion Ratio Lower Upper

75 100

77 31.5 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.194 ug/L

RT: 7.831 min Scan# 2112

Delta R.T. -0.003 min

Lab File: VV029132.D

Acq: 18 Nov 2022 20:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD005356

Tgt Ion: 97 Resp: 74412

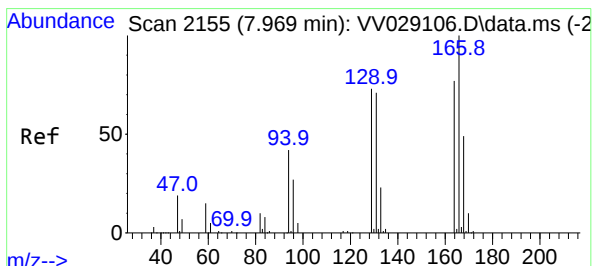
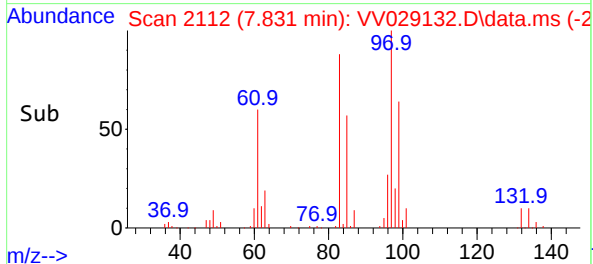
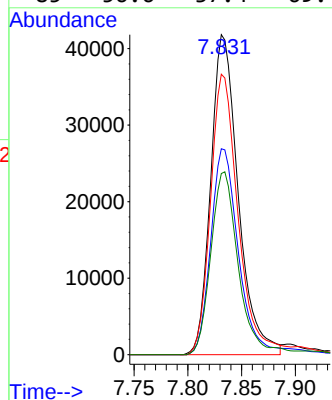
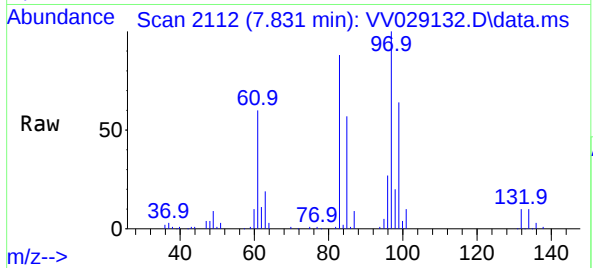
Ion Ratio Lower Upper

97 100

99 64.3 41.5 77.1

83 87.7 60.0 111.4

85 56.6 37.4 69.4



#47

Tetrachloroethene

Concen: 4.785 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.003 min

Lab File: VV029132.D

Acq: 18 Nov 2022 20:51

Tgt Ion:164 Resp: 93088

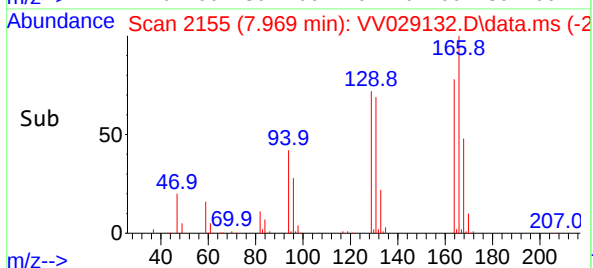
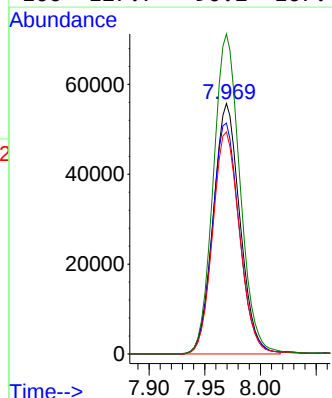
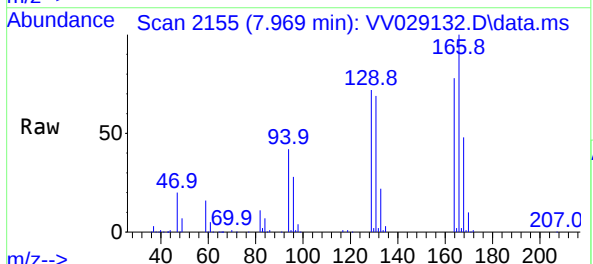
Ion Ratio Lower Upper

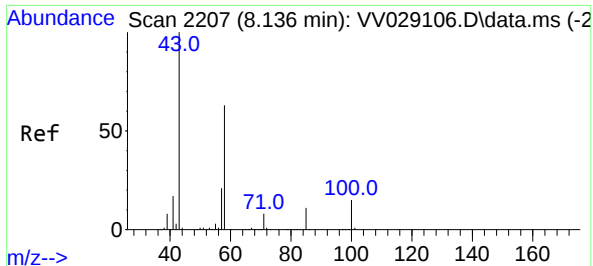
164 100

129 92.2 63.9 118.7

131 88.7 61.8 114.8

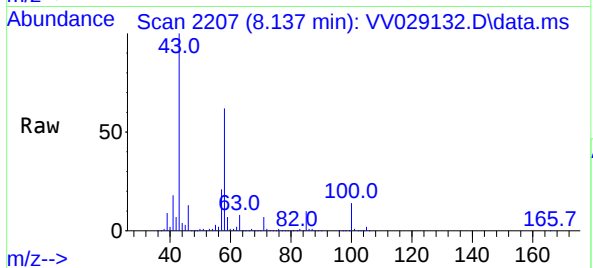
166 127.7 90.2 167.4





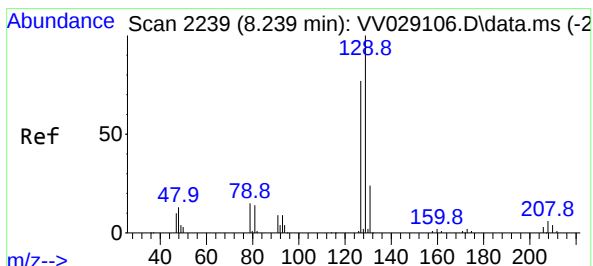
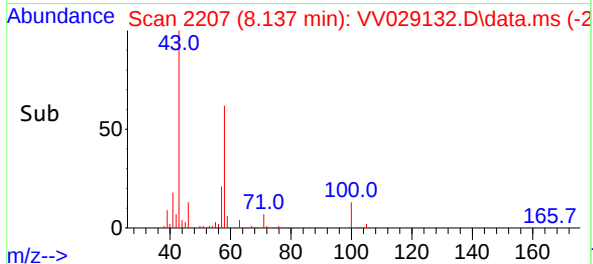
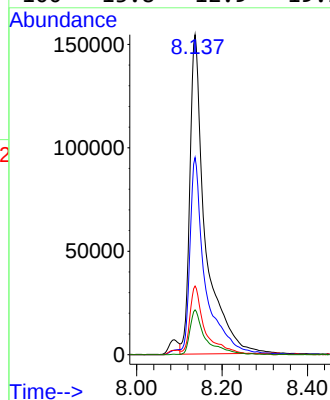
#48
2-Hexanone
Concen: 59.135 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD005356



Tgt Ion: 43 Resp: 390067

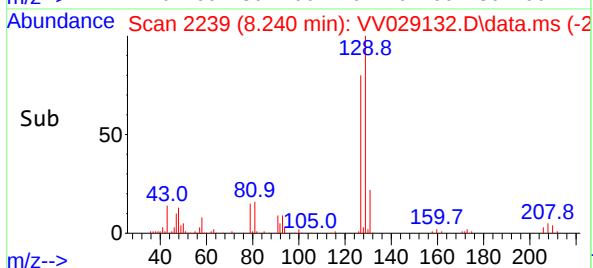
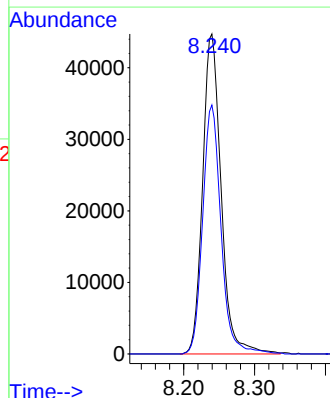
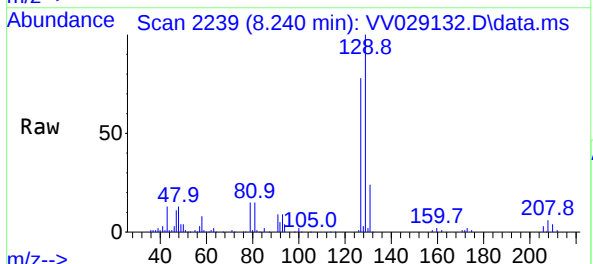
Ion	Ratio	Lower	Upper
43	100		
58	62.0	50.2	75.4
57	20.6	17.8	26.8
100	13.8	12.9	19.3

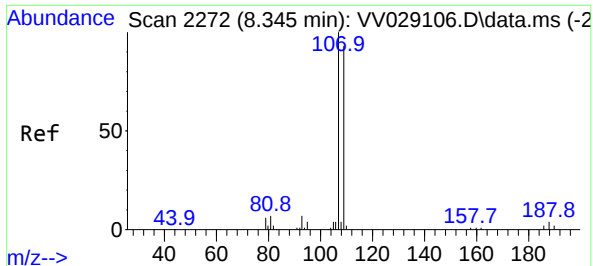


#49
Dibromochloromethane
Concen: 4.679 ug/L
RT: 8.240 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 129 Resp: 81055

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.5	101.1



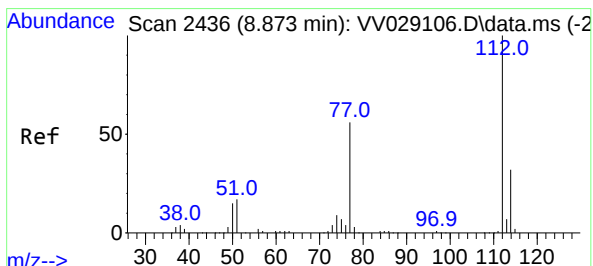
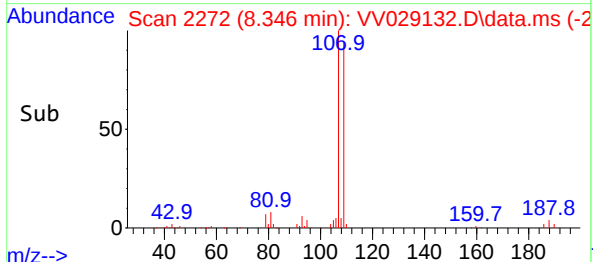
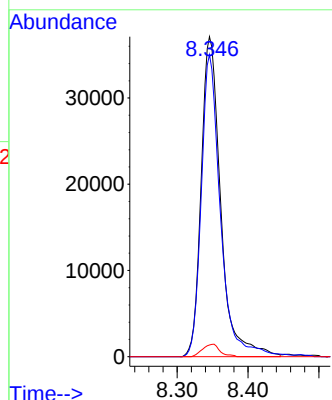
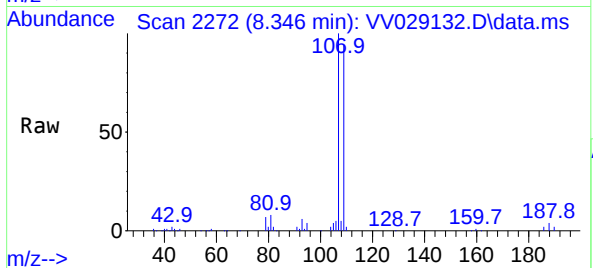


#50
1,2-Dibromoethane
Concen: 5.325 ug/L
RT: 8.346 min Scan# 211
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

Tgt Ion:107 Resp: 70878

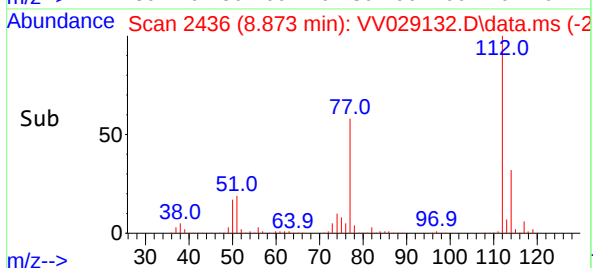
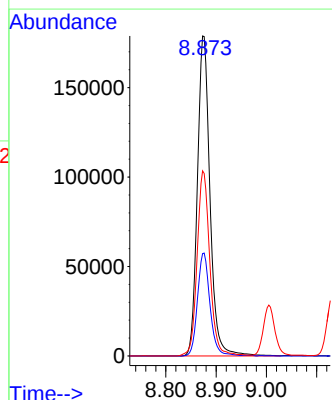
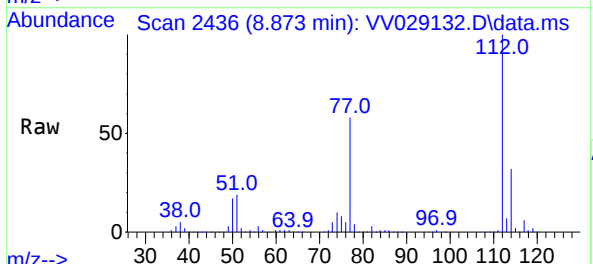
Ion	Ratio	Lower	Upper
107	100		
109	94.4	64.4	119.6
188	3.6	2.9	4.3

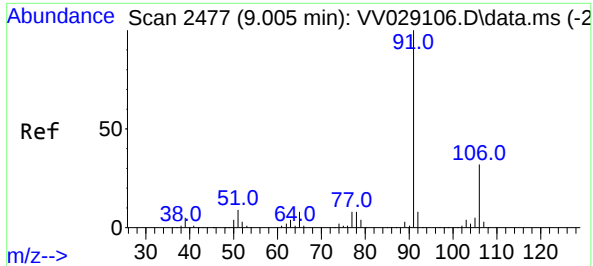


#51
Chlorobenzene
Concen: 4.916 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion:112 Resp: 311685

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.4	41.6
77	57.9	44.4	66.6

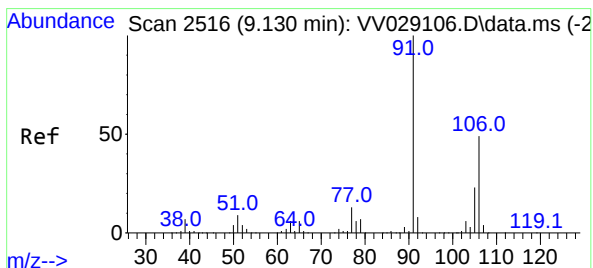
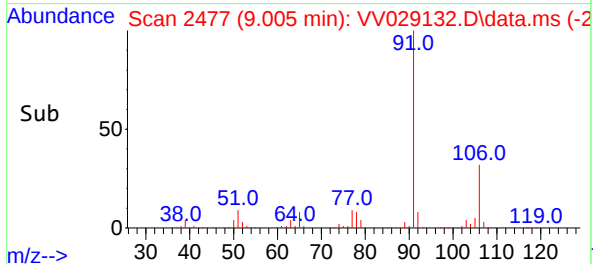
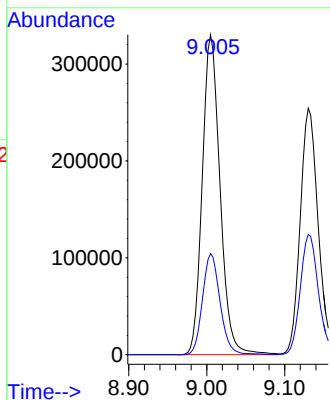
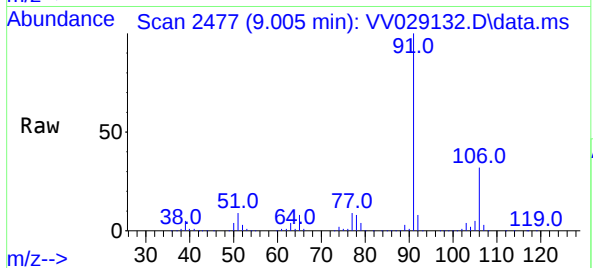




#52
Ethylbenzene
Concen: 4.905 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

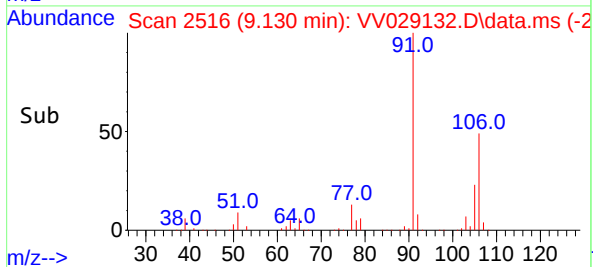
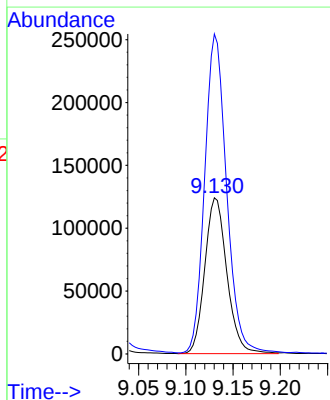
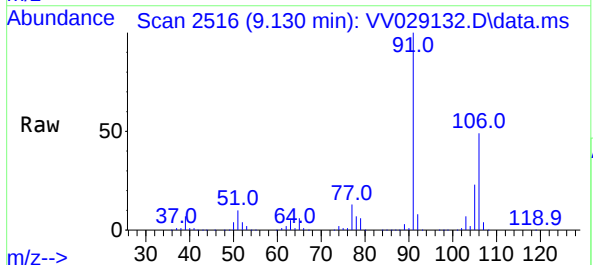
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

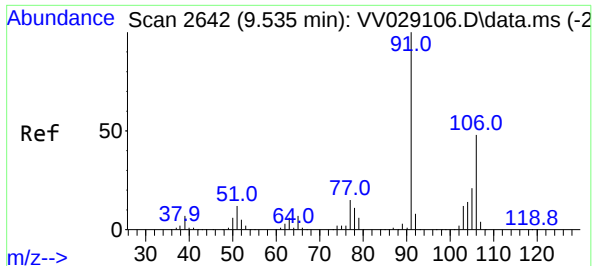
Tgt Ion: 91 Resp: 523556
Ion Ratio Lower Upper
91 100
106 31.6 21.6 40.2



#53
m,p-Xylene
Concen: 4.742 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 106 Resp: 201305
Ion Ratio Lower Upper
106 100
91 204.9 139.1 258.3

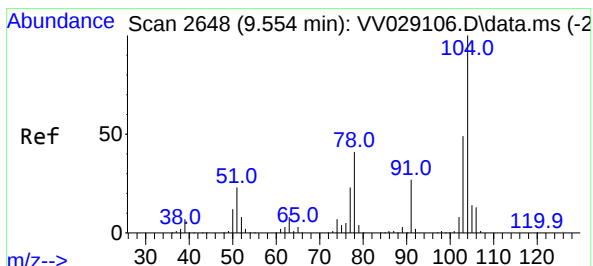
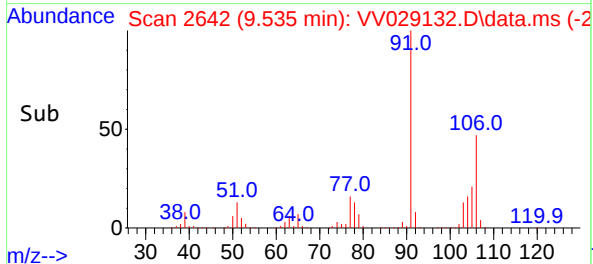
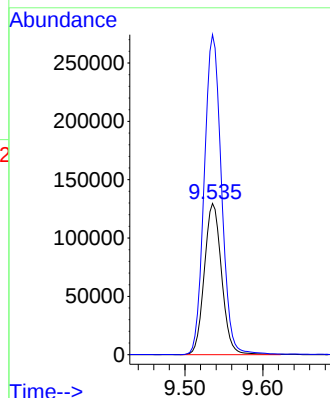
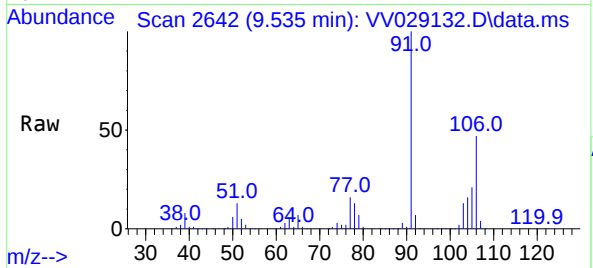




#54
o-Xylene
Concen: 4.958 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

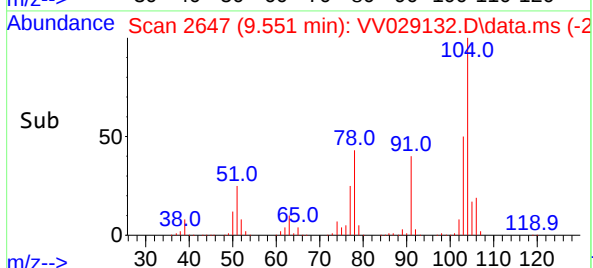
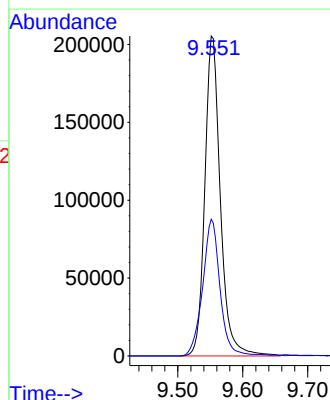
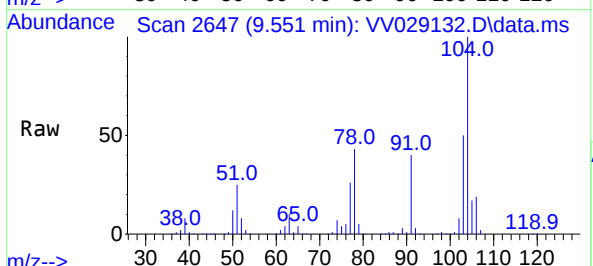
Instrument : MSVOA_V
ClientSampleId : VSTD005356

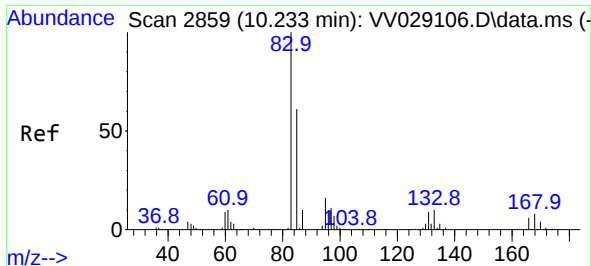
Tgt Ion:106 Resp: 200103
Ion Ratio Lower Upper
106 100
91 211.5 145.7 270.7



#55
Styrene
Concen: 5.059 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion:104 Resp: 342421
Ion Ratio Lower Upper
104 100
78 42.7 30.1 55.9

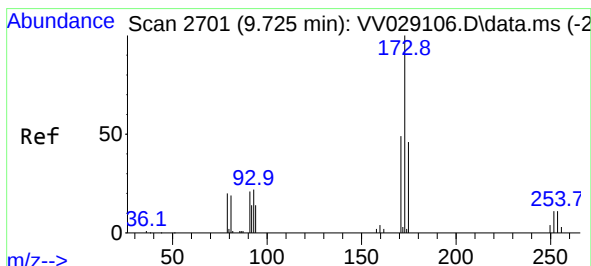
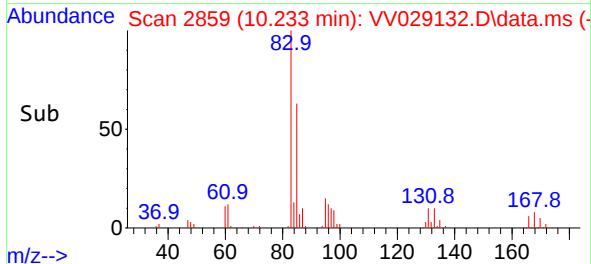
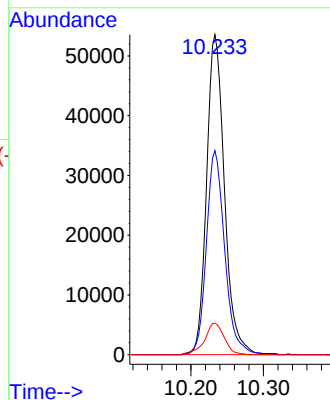
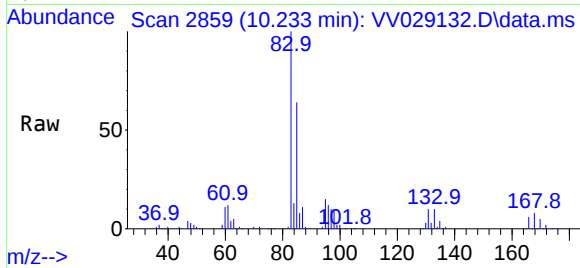




#57
1,1,2,2-Tetrachloroethane
Concen: 5.501 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

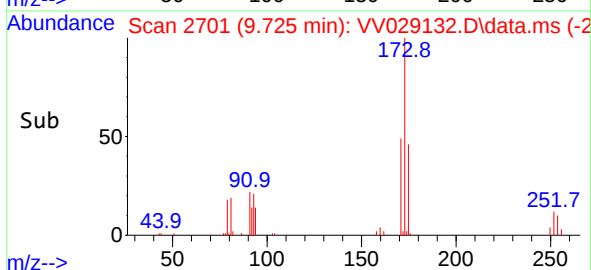
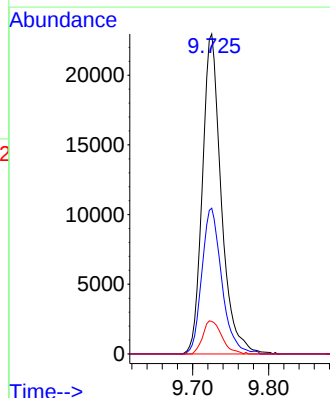
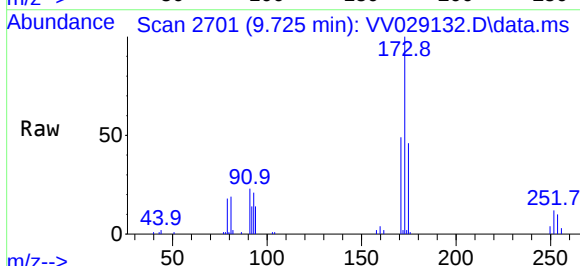
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

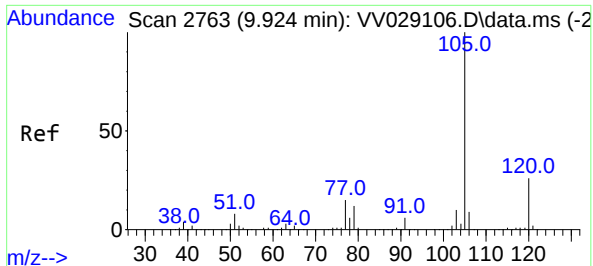
Tgt Ion: 83 Resp: 91862
Ion Ratio Lower Upper
83 100
85 63.8 45.2 84.0
131 9.9 7.5 11.3



#59
Bromoform
Concen: 4.492 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 173 Resp: 39548
Ion Ratio Lower Upper
173 100
175 48.1 38.2 57.4
254 10.4 8.5 12.7

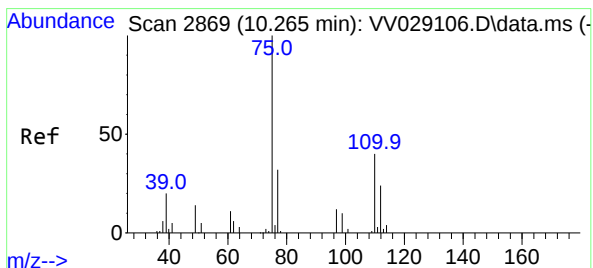
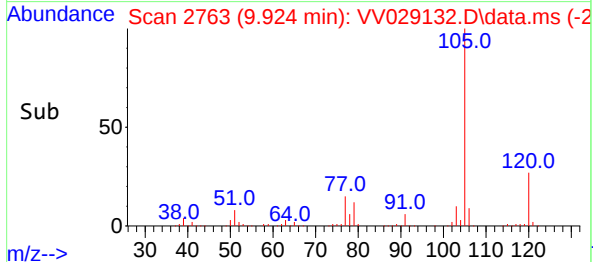
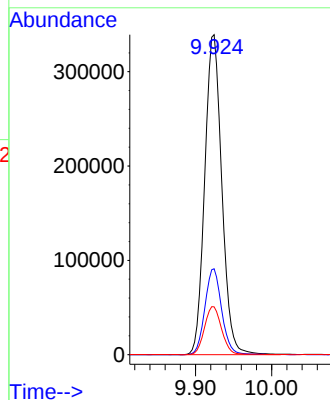
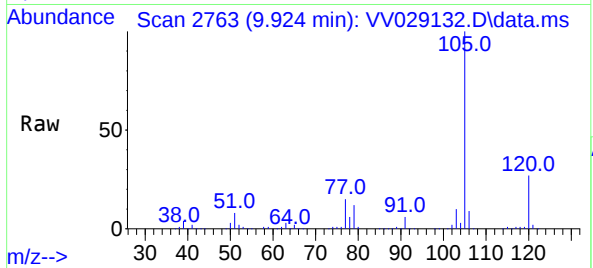




#60
Isopropylbenzene
Concen: 5.057 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

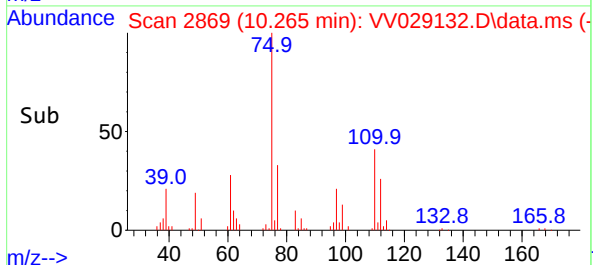
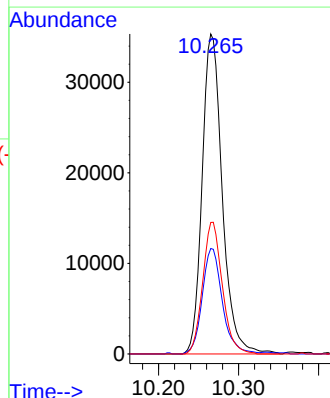
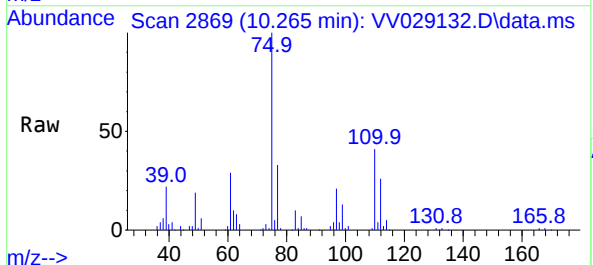
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

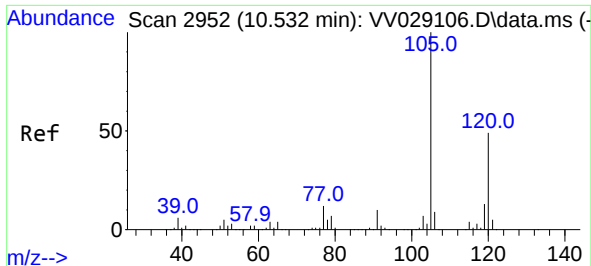
Tgt Ion:105 Resp: 530073
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 15.1 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.615 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 75 Resp: 61966
Ion Ratio Lower Upper
75 100
77 33.0 26.2 39.2
110 40.1 32.6 48.8

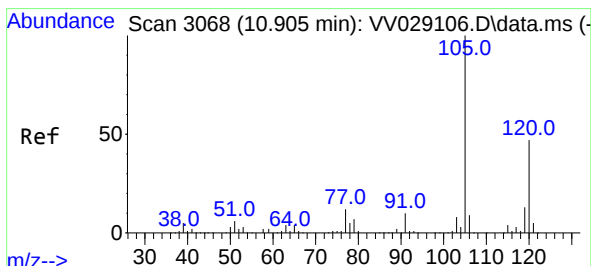
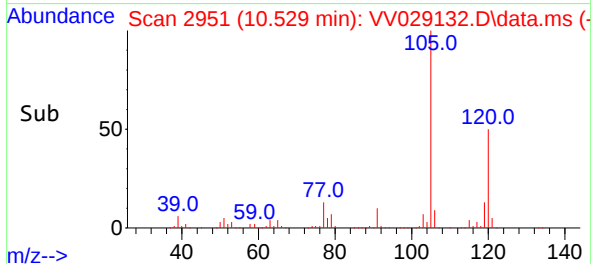
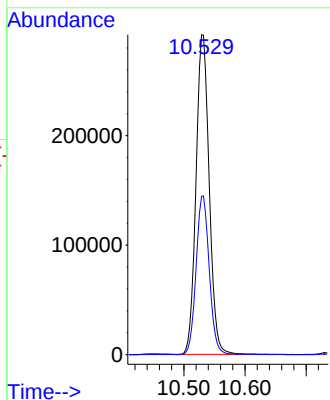
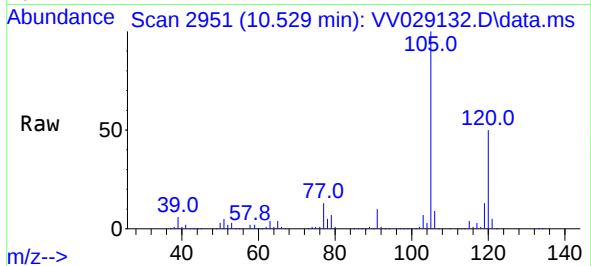




#62
 1,3,5-Trimethylbenzene
 Concen: 4.929 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. -0.003 min
 Lab File: VV029132.D
 Acq: 18 Nov 2022 20:51

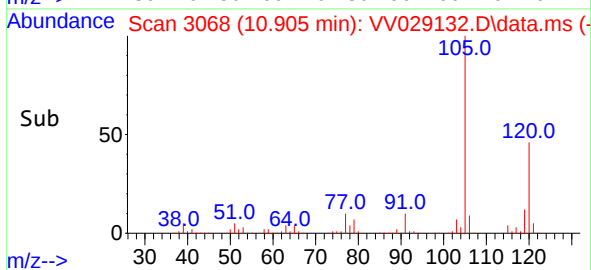
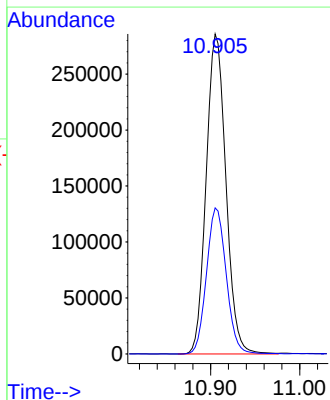
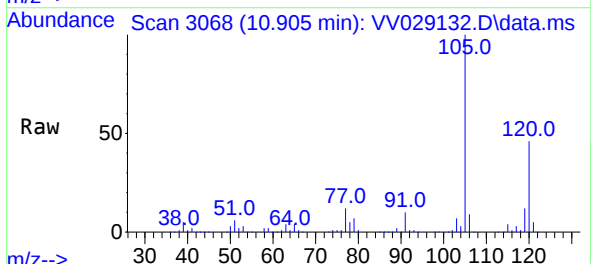
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005356

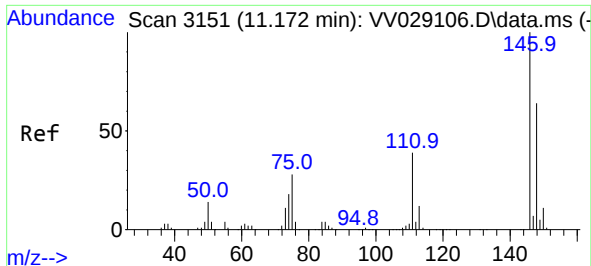
Tgt Ion:105 Resp: 437700
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.928 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV029132.D
 Acq: 18 Nov 2022 20:51

Tgt Ion:105 Resp: 438334
 Ion Ratio Lower Upper
 105 100
 120 45.8 37.8 56.8

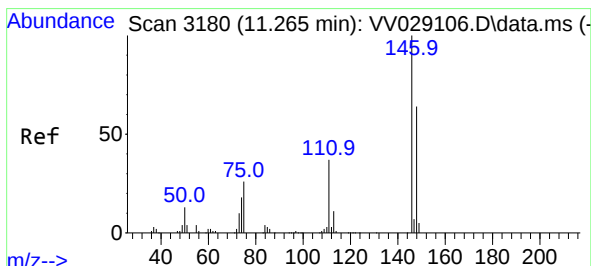
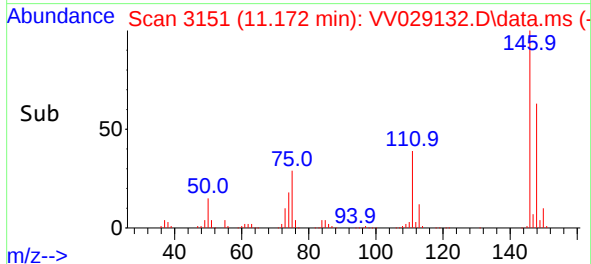
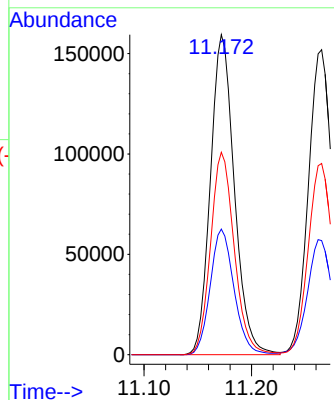
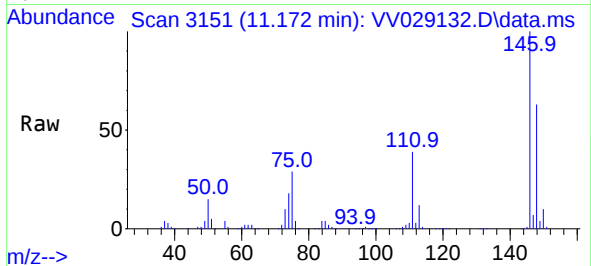




#64
1,3-Dichlorobenzene
Concen: 5.011 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

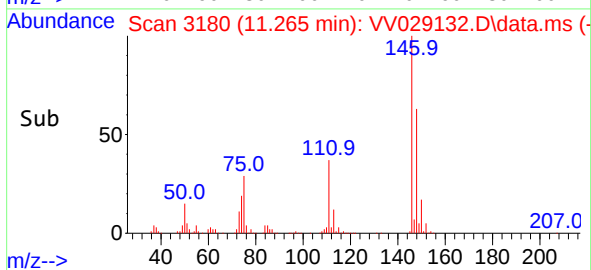
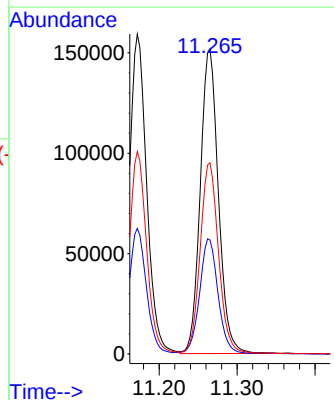
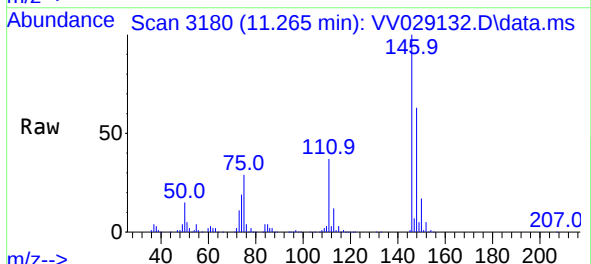
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

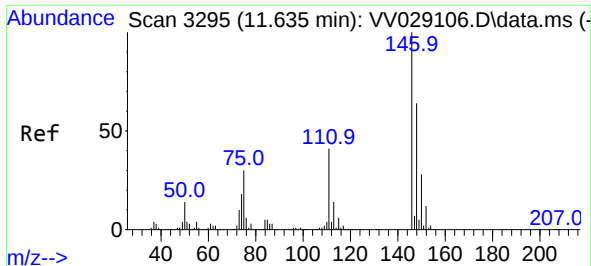
Tgt Ion:146 Resp: 246831
Ion Ratio Lower Upper
146 100
111 39.2 26.9 50.1
148 63.3 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 4.947 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion:146 Resp: 244934
Ion Ratio Lower Upper
146 100
111 37.4 26.5 49.3
148 62.7 44.5 82.7

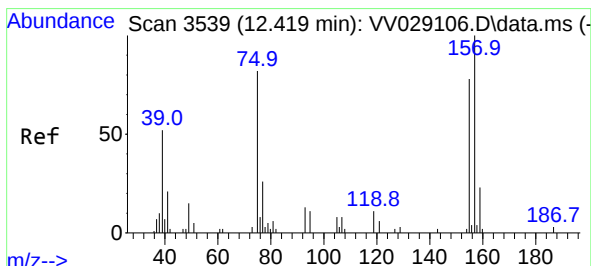
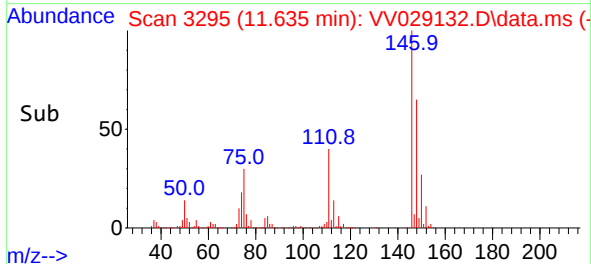
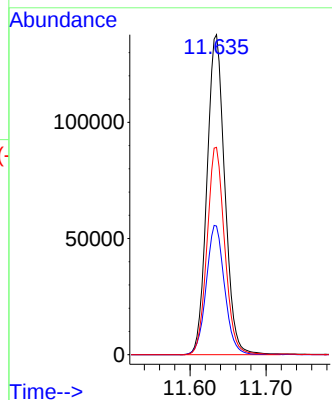
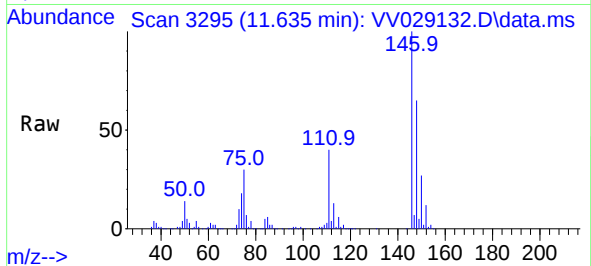




#67
1,2-Dichlorobenzene
Concen: 5.073 ug/L
RT: 11.635 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

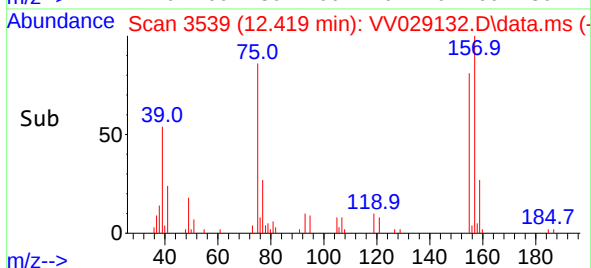
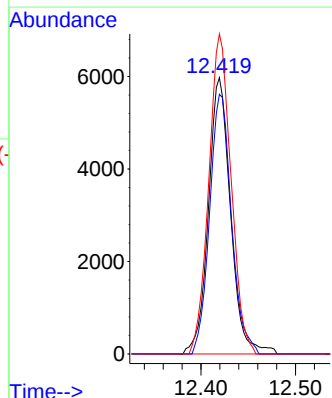
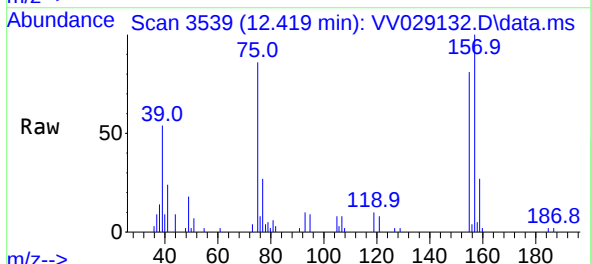
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

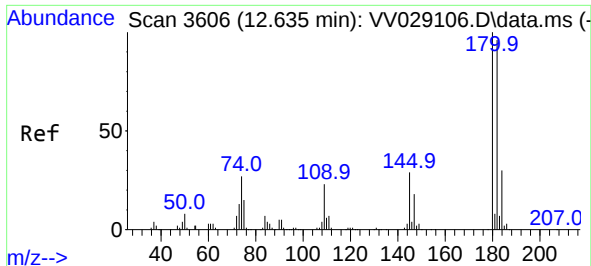
Tgt Ion:146 Resp: 224482
Ion Ratio Lower Upper
146 100
111 40.2 32.4 48.6
148 64.8 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.471 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion: 75 Resp: 9709
Ion Ratio Lower Upper
75 100
155 94.0 64.8 97.2
157 115.8 86.3 129.5



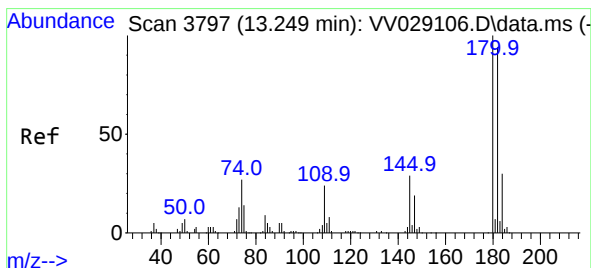
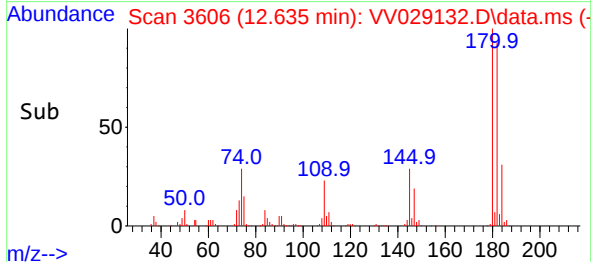
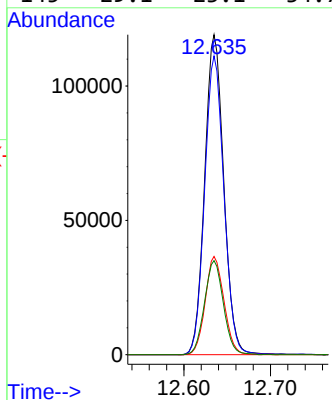
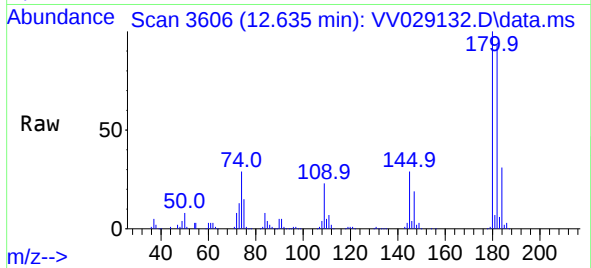


#69
 1,3,5-Trichlorobenzene
 Concen: 4.794 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV029132.D
 Acq: 18 Nov 2022 20:51

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005356

Tgt Ion:180 Resp: 182174

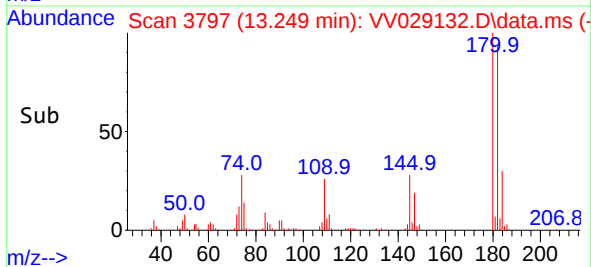
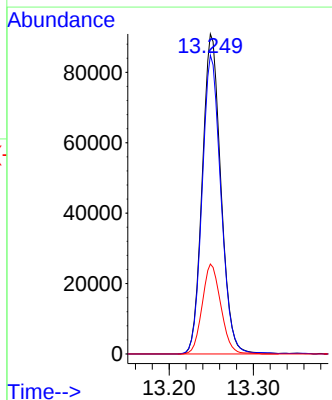
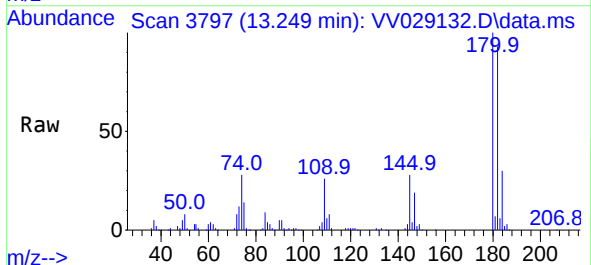
Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.7	115.1
184	30.2	24.0	36.0
145	29.1	23.1	34.7

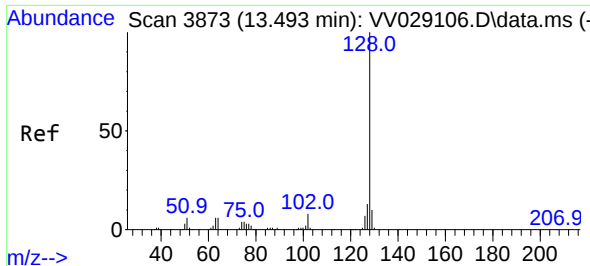


#70
 1,2,4-trichlorobenzene
 Concen: 4.859 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.003 min
 Lab File: VV029132.D
 Acq: 18 Nov 2022 20:51

Tgt Ion:180 Resp: 139655

Ion	Ratio	Lower	Upper
180	100		
182	93.9	74.3	111.5
145	28.1	23.7	35.5

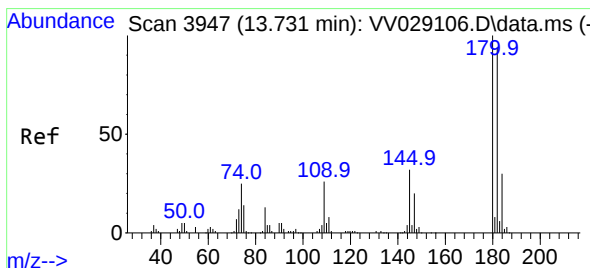
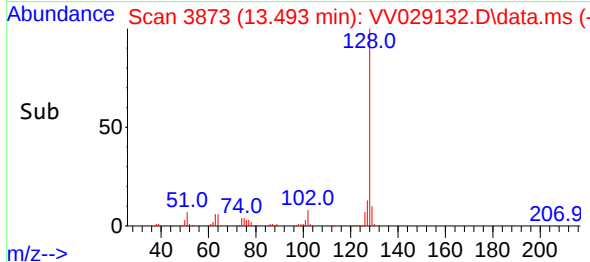
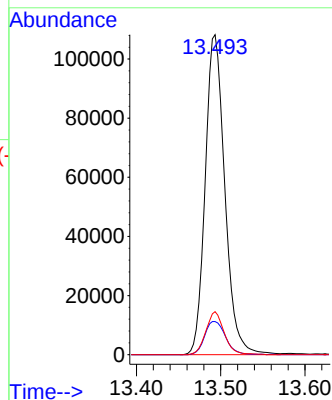
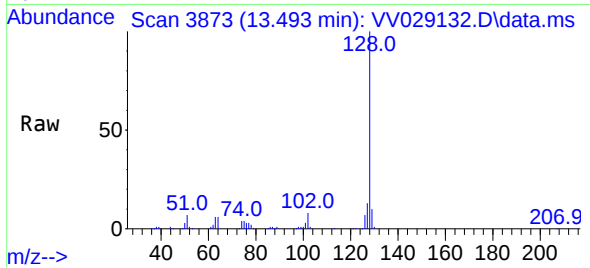




#71
Naphthalene
Concen: 4.736 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

Tgt Ion:128 Resp: 175633
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.6 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.028 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VV029132.D
Acq: 18 Nov 2022 20:51

Tgt Ion:180 Resp: 122390
Ion Ratio Lower Upper
180 100
182 95.6 75.4 113.2
145 30.6 24.9 37.3

