

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028629.D
 Acq On : 20 Oct 2022 11:36
 Operator : SY/MD
 Sample : VSTD00165
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001265

Quant Time: Oct 20 23:11:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 20 23:10:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	212105	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	180100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	65408	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	19724	1.026	ug/L	0.00
7) Chloroethane-d5	1.561	69	15695	1.009	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	33685	0.974	ug/L	0.00
20) 2-Butanone-d5	3.953	46	34774	8.897	ug/L	0.00
24) Chloroform-d	4.336	84	29077	1.003	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	15548	1.046	ug/L	0.00
32) Benzene-d6	5.037	84	59877	0.963	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	19304	0.924	ug/L	0.00
41) Toluene-d8	7.304	98	49668	1.034	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	5532	0.901	ug/L	0.00
46) 2-Hexanone-d5	8.108	63	22718	8.607	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	9639	0.858	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	10615	0.963	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	9966	0.837	ug/L	100
3) Chloromethane	1.233	50	20663	1.019	ug/L	97
5) Vinyl chloride	1.301	62	18984	0.948	ug/L	97
6) Bromomethane	1.516	94	9533	1.047	ug/L	94
8) Chloroethane	1.577	64	12907	0.986	ug/L	98
9) Trichlorofluoromethane	1.744	101	23802	0.973	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	14643	1.005	ug/L	96
12) 1,1-Dichloroethene	2.111	96	14258	1.058	ug/L #	72
13) Acetone	2.246	43	25504	9.227	ug/L	76
14) Carbon disulfide	2.285	76	30130	0.823	ug/L	96
15) Methyl Acetate	2.452	43	8189	1.267	ug/L #	90
16) Methylene chloride	2.500	84	20996	1.113	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	36292	1.051	ug/L	98
18) trans-1,2-Dichloroethene	2.748	96	14047	1.001	ug/L	92
19) 1,1-Dichloroethane	3.178	63	33144	1.036	ug/L	98
21) 2-Butanone	4.037	43	43349	10.711	ug/L	80
22) cis-1,2-Dichloroethene	3.899	96	17220	1.080	ug/L #	99
23) Bromochloromethane	4.233	128	6345	1.045	ug/L	96
25) Chloroform	4.365	83	33250	1.096	ug/L	99
27) 1,2-Dichloroethane	5.124	62	20052	1.114	ug/L	98
29) 1,1,1-Trichloroethane	4.593	97	26435	1.022	ug/L	94
30) Cyclohexane	4.654	56	27718	0.930	ug/L	92
31) Carbon tetrachloride	4.805	117	19240	0.962	ug/L	100
33) Benzene	5.085	78	67169	0.994	ug/L	100
34) Trichloroethene	5.899	95	16717	0.999	ug/L	97
35) Methylcyclohexane	6.108	83	26396	0.949	ug/L	90
37) 1,2-Dichloropropane	6.169	63	20520	1.137	ug/L	97
38) Bromodichloromethane	6.503	83	19746	1.015	ug/L #	88
39) cis-1,3-Dichloropropene	7.021	75	21069	0.950	ug/L	93
40) 4-Methyl-2-pentanone	7.249	43	109579	11.928	ug/L	96
42) Toluene	7.374	91	65850	1.074	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	15022	0.928	ug/L	98

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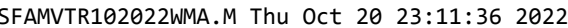
Quant Time: Oct 20 23:11:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 20 23:10:31 2022
 Response via : Initial Calibration

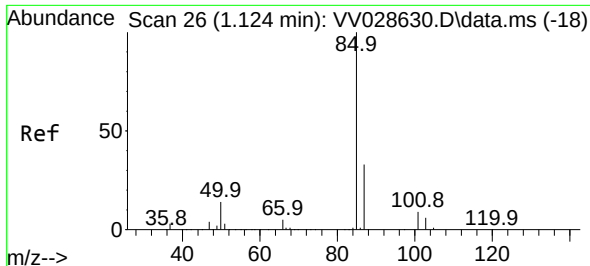
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.834	97	10274	1.115	ug/L	95
47) Tetrachloroethene	7.963	164	9746	0.967	ug/L	95
48) 2-Hexanone	8.159	43	69408	11.185	ug/L	96
49) Dibromochloromethane	8.239	129	8576	0.890	ug/L	86
50) 1,2-Dibromoethane	8.349	107	8293	1.022	ug/L	94
51) Chlorobenzene	8.873	112	37372	0.986	ug/L	98
52) Ethylbenzene	9.001	91	68533	1.016	ug/L	94
53) m,p-Xylene	9.130	106	23989	0.946	ug/L	100
54) o-Xylene	9.532	106	23512	0.964	ug/L	99
55) Styrene	9.554	104	38504	0.925	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	11392	0.995	ug/L	90
59) Bromoform	9.725	173	3489	1.066	ug/L	98
60) Isopropylbenzene	9.921	105	60972	1.251	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	8566	1.420	ug/L	92
62) 1,3,5-Trimethylbenzene	10.529	105	17974	1.239	ug/L	97
63) 1,2,4-Trimethylbenzene	10.905	105	42452	1.067	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	19977	0.972	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	21114	1.045	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	19215	1.039	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	1126	0.946	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.635	180	14226	0.959	ug/L	97
70) 1,2,4-trichlorobenzene	13.252	180	10975	0.967	ug/L	99
71) Naphthalene	13.496	128	17250	1.022	ug/L	98
72) 1,2,3-Trichlorobenzene	13.734	180	9583	1.012	ug/L	96

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

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QLast Update : Thu Oct 20 23:10:31 2022
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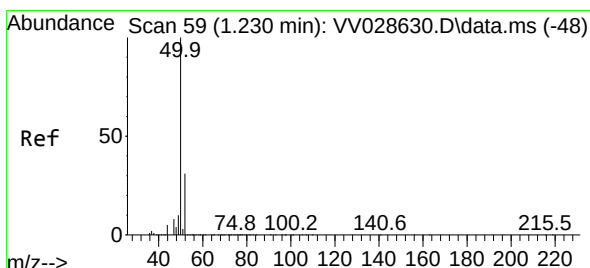
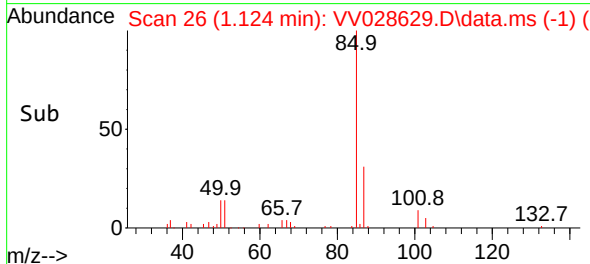
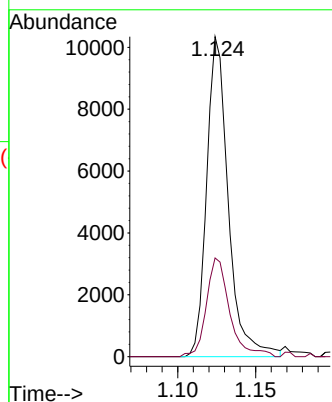
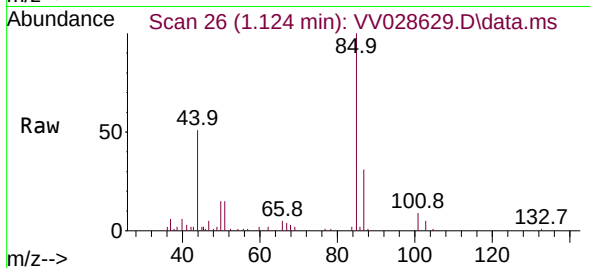




#2
 Dichlorodifluoromethane
 Concen: 0.837 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028629.D
 Acq: 20 Oct 2022 11:36

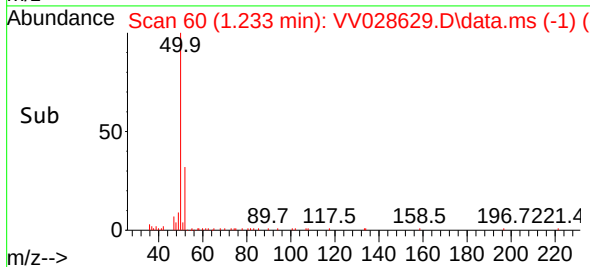
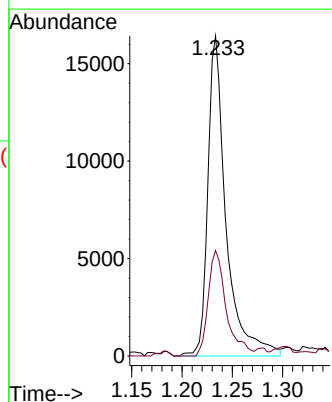
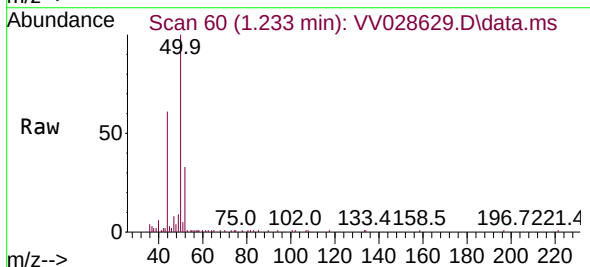
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001265

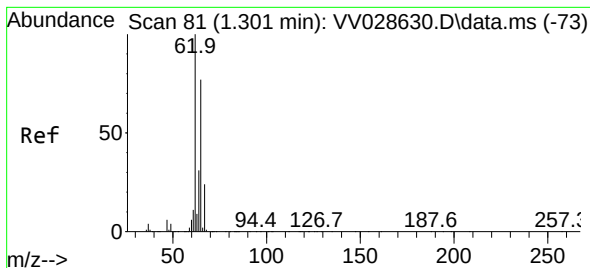
Tgt Ion: 85 Resp: 9966
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.6 40.0



#3
 Chloromethane
 Concen: 1.019 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. 0.003 min
 Lab File: VV028629.D
 Acq: 20 Oct 2022 11:36

Tgt Ion: 50 Resp: 20663
 Ion Ratio Lower Upper
 50 100
 52 32.9 21.8 40.6





#5

Vinyl chloride

Concen: 0.948 ug/L

RT: 1.301 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

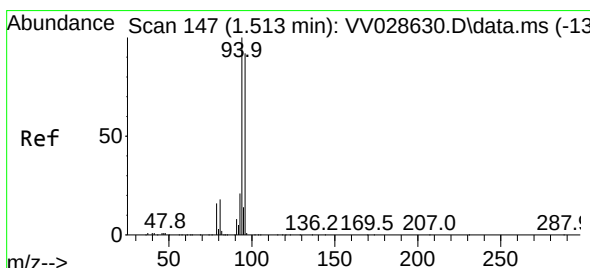
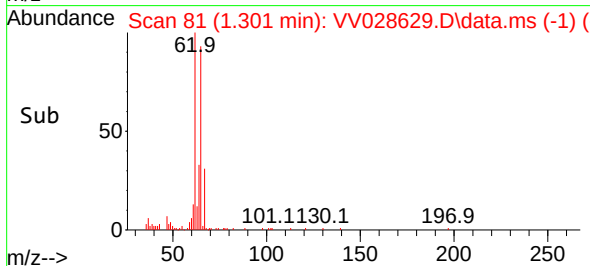
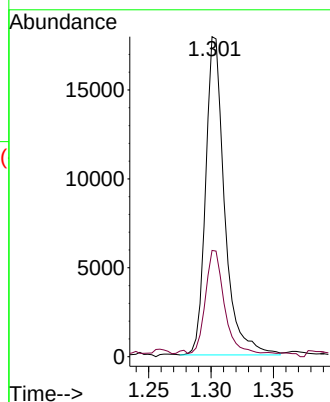
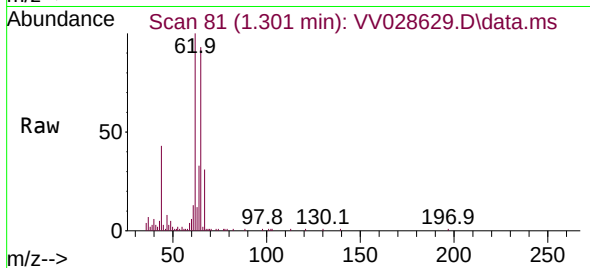
VSTD001265

Tgt Ion: 62 Resp: 18984

Ion Ratio Lower Upper

62 100

64 33.2 22.0 41.0



#6

Bromomethane

Concen: 1.047 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.003 min

Lab File: VV028629.D

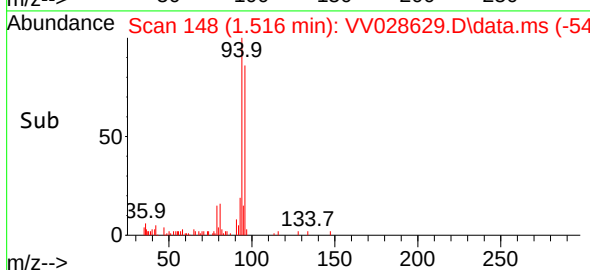
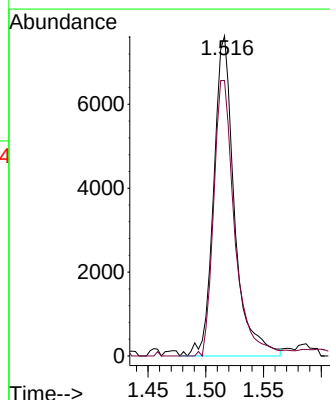
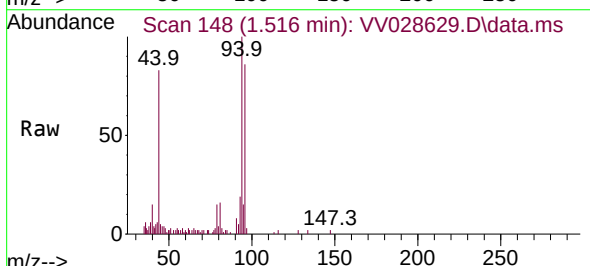
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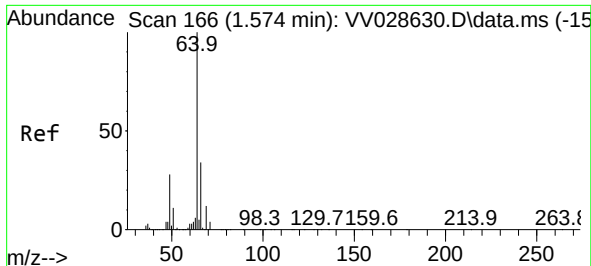
Tgt Ion: 94 Resp: 9533

Ion Ratio Lower Upper

94 100

96 86.1 64.3 119.3

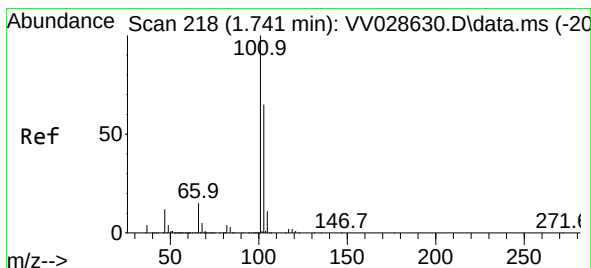
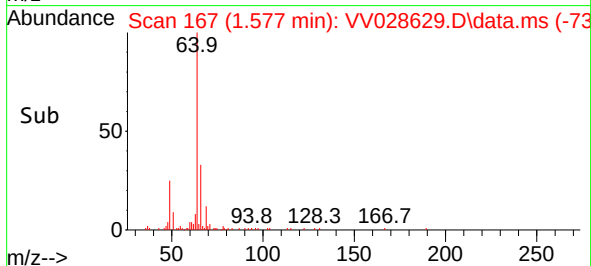
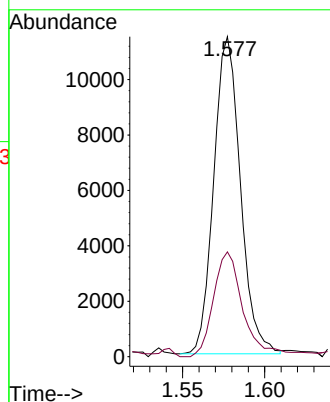
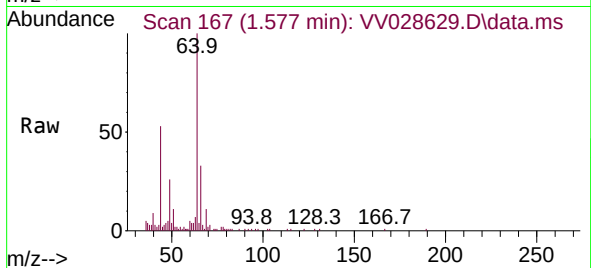




#8
Chloroethane
Concen: 0.986 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

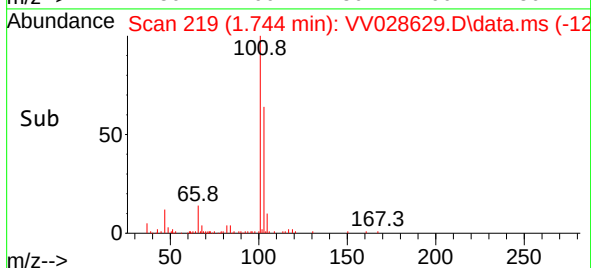
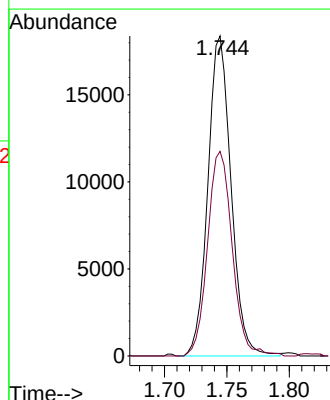
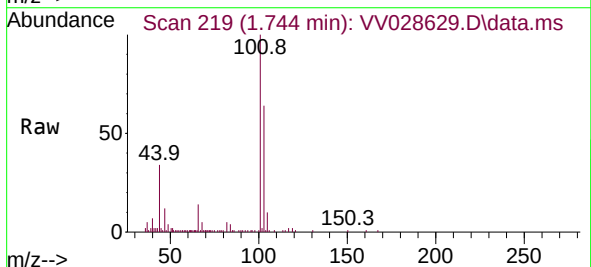
Instrument :
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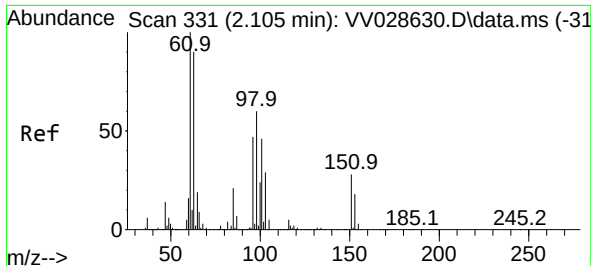
Tgt Ion: 64 Resp: 12907
Ion Ratio Lower Upper
64 100
66 32.8 23.9 44.5



#9
Trichlorofluoromethane
Concen: 0.973 ug/L
RT: 1.744 min Scan# 219
Delta R.T. 0.003 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

Tgt Ion: 101 Resp: 23802
Ion Ratio Lower Upper
101 100
103 68.0 51.0 76.6

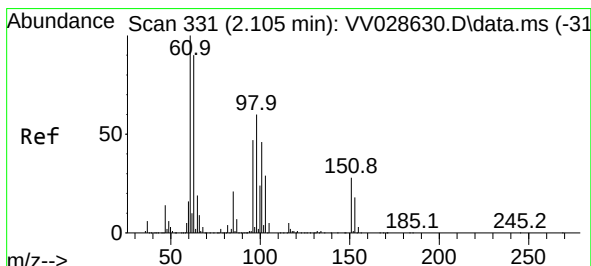
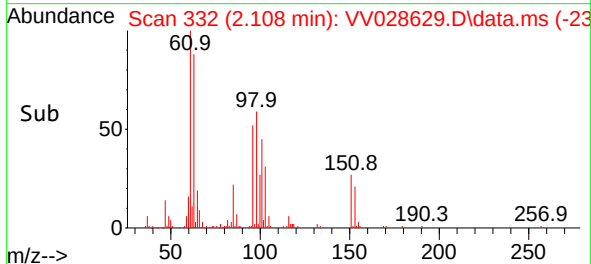
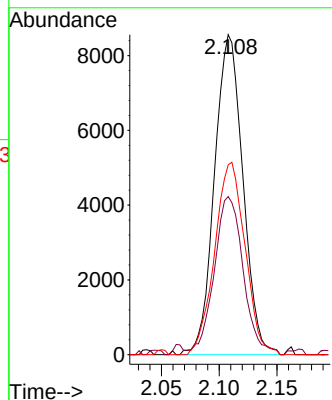
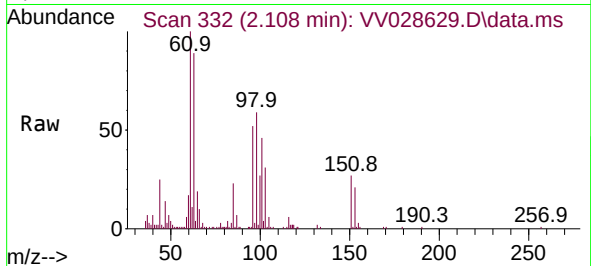




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.005 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV028629.D
 Acq: 20 Oct 2022 11:36

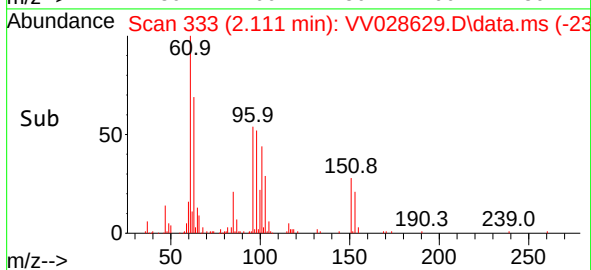
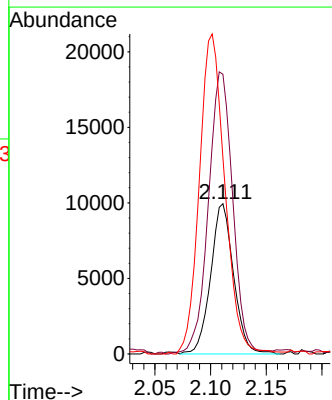
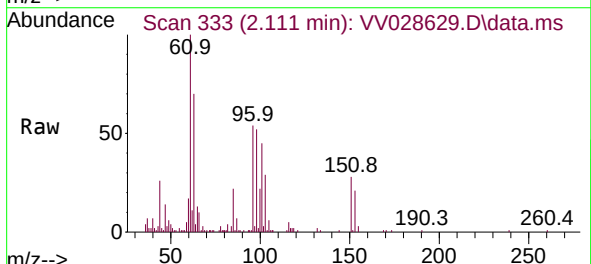
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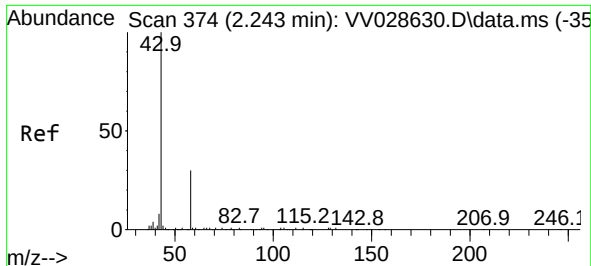
Tgt Ion:101 Resp: 14643
 Ion Ratio Lower Upper
 101 100
 85 50.6 37.0 55.6
 151 64.4 50.2 75.2



#12
 1,1-Dichloroethene
 Concen: 1.058 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.006 min
 Lab File: VV028629.D
 Acq: 20 Oct 2022 11:36

Tgt Ion: 96 Resp: 14258
 Ion Ratio Lower Upper
 96 100
 61 186.2 148.1 275.1
 63 130.6 133.3 247.7#





#13

Acetone

Concen: 9.227 ug/L

RT: 2.246 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

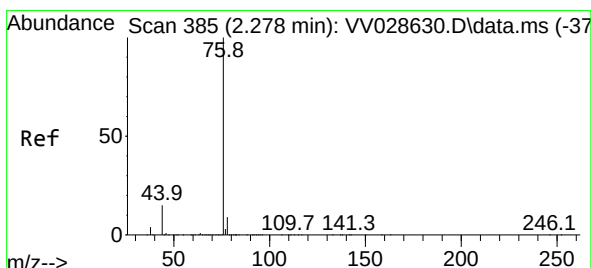
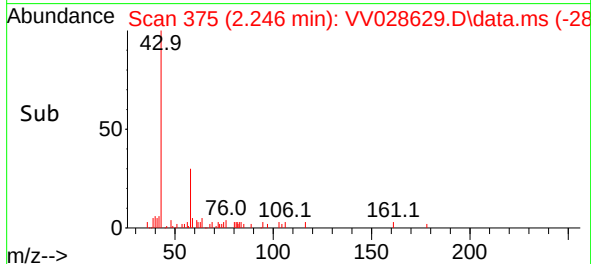
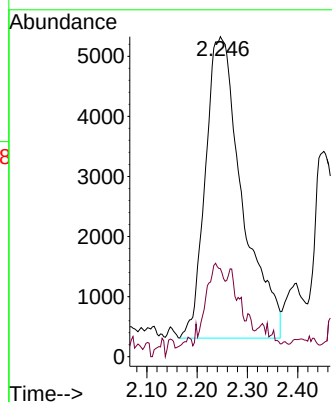
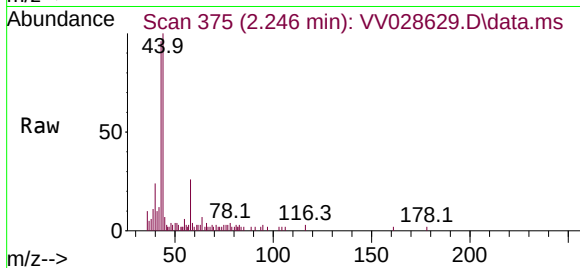
VSTD001265

Tgt Ion: 43 Resp: 25504

Ion Ratio Lower Upper

43 100

58 13.2 0.0 50.2



#14

Carbon disulfide

Concen: 0.823 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.006 min

Lab File: VV028629.D

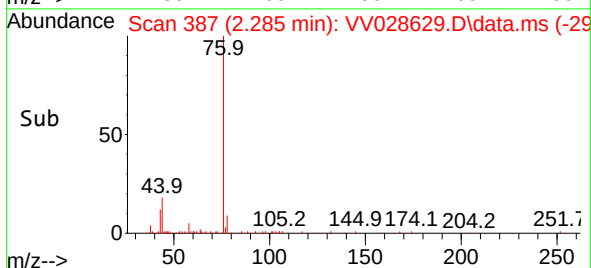
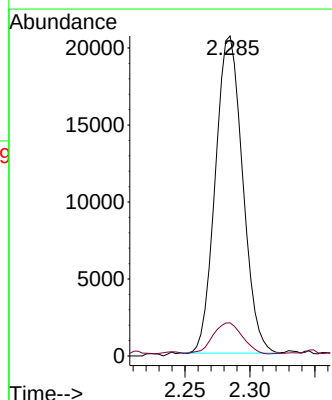
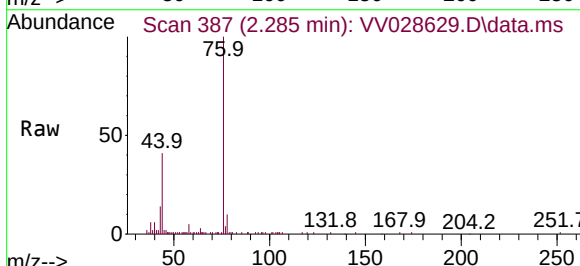
Acq: 20 Oct 2022 11:36

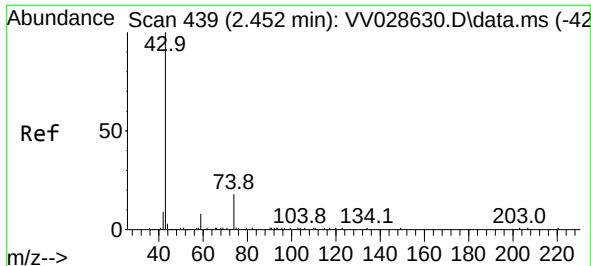
Tgt Ion: 76 Resp: 30130

Ion Ratio Lower Upper

76 100

78 10.3 7.1 10.7

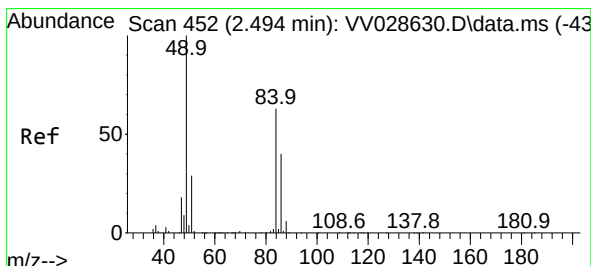
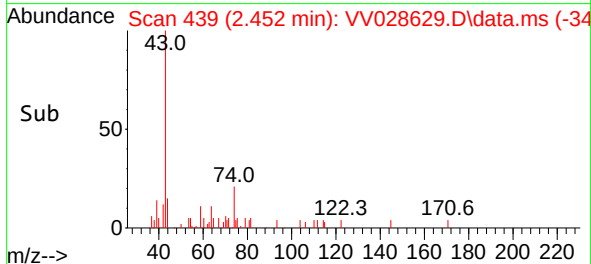
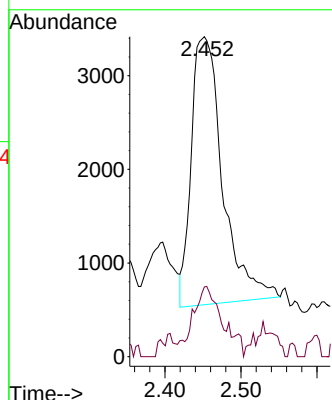
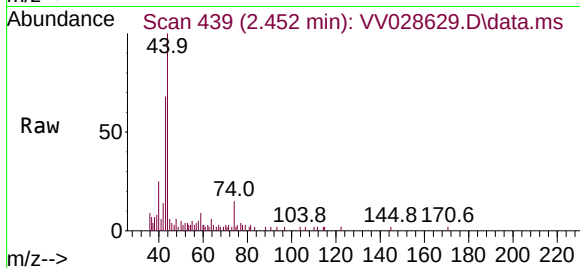




#15
Methyl Acetate
Concen: 1.267 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

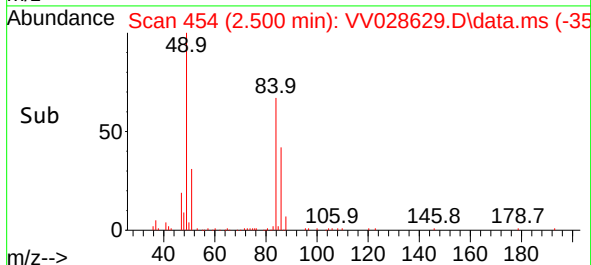
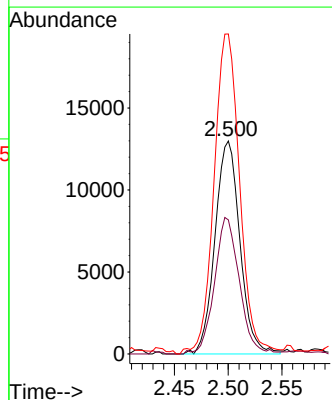
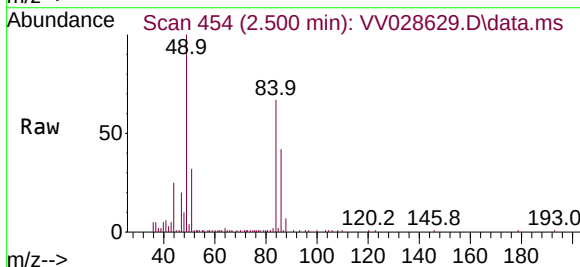
Instrument :
MSVOA_V
ClientSampleId :
VSTD001265

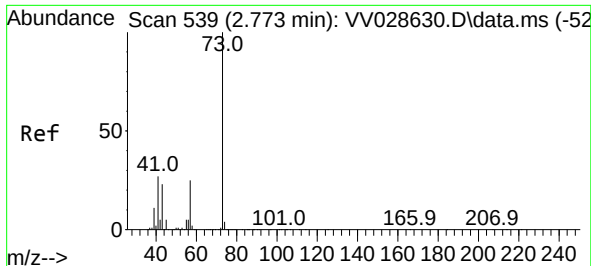
Tgt Ion: 43 Resp: 8189
Ion Ratio Lower Upper
43 100
74 23.2 14.9 22.3#



#16
Methylene chloride
Concen: 1.113 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.006 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

Tgt Ion: 84 Resp: 20996
Ion Ratio Lower Upper
84 100
86 63.0 44.4 82.4
49 150.2 110.8 205.8

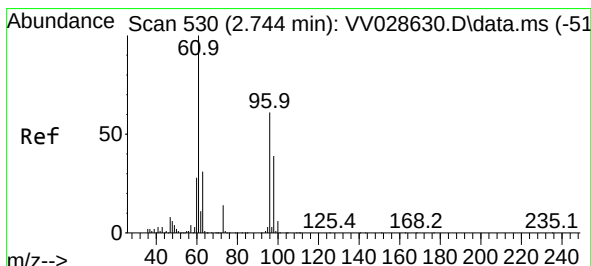
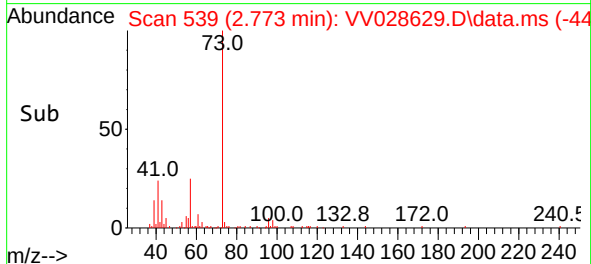
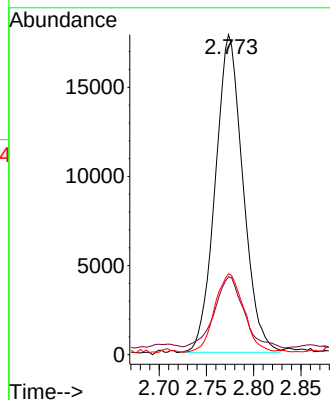
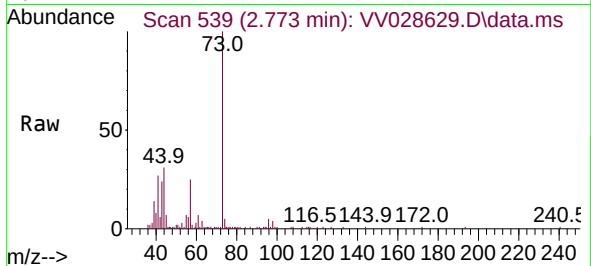




#17
Methyl tert-butyl Ether
Concen: 1.051 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

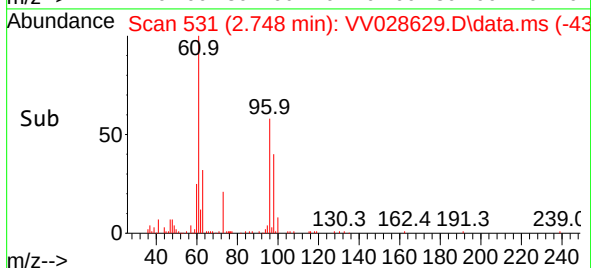
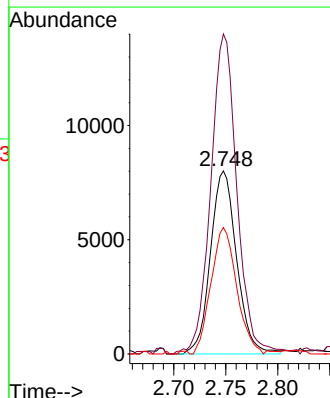
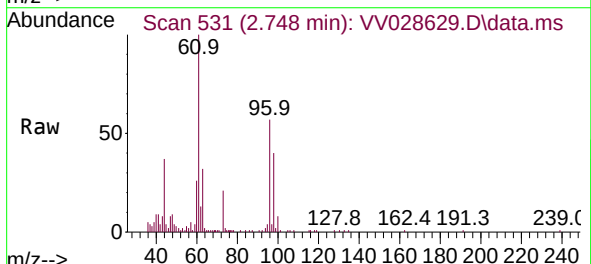
Instrument :
MSVOA_V
ClientSampleId :
VSTD001265

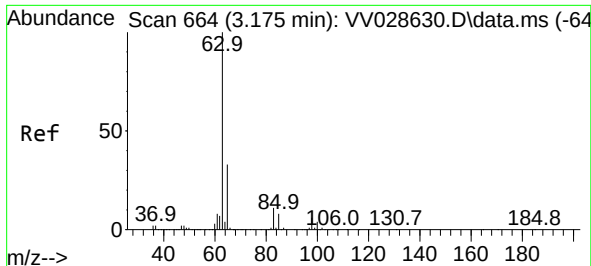
Tgt Ion: 73 Resp: 36292
Ion Ratio Lower Upper
73 100
43 23.7 18.0 27.0
57 25.7 20.0 30.0



#18
trans-1,2-Dichloroethene
Concen: 1.001 ug/L
RT: 2.748 min Scan# 531
Delta R.T. 0.003 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

Tgt Ion: 96 Resp: 14047
Ion Ratio Lower Upper
96 100
61 174.8 114.3 212.3
98 69.1 45.0 83.6





#19

1,1-Dichloroethane

Concen: 1.036 ug/L

RT: 3.178 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

VSTD001265

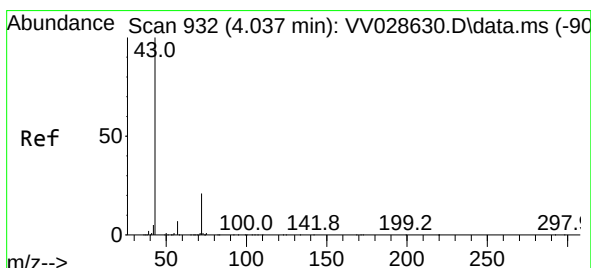
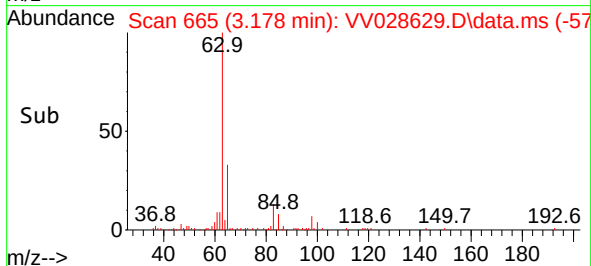
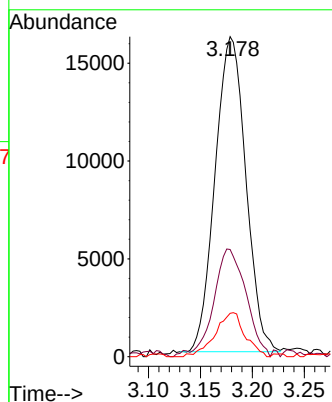
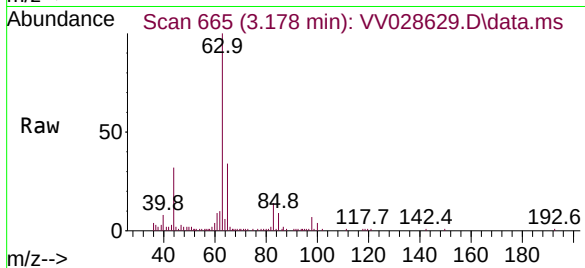
Tgt Ion: 63 Resp: 33144

Ion Ratio Lower Upper

63 100

65 33.5 23.1 42.9

83 13.6 7.9 14.7



#21

2-Butanone

Concen: 10.711 ug/L

RT: 4.037 min Scan# 932

Delta R.T. 0.000 min

Lab File: VV028629.D

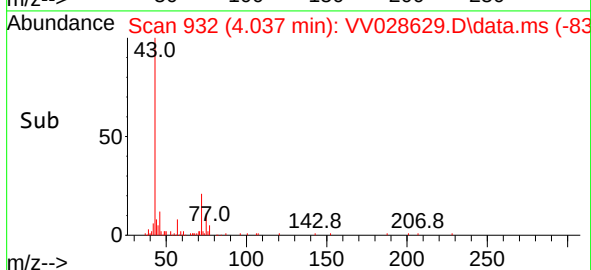
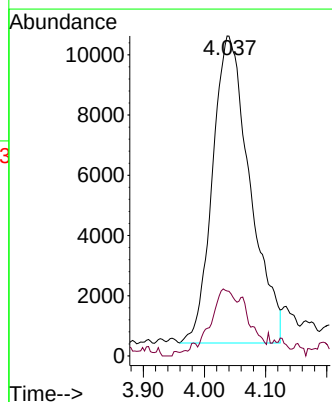
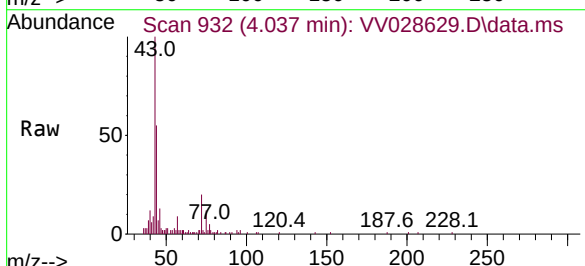
Acq: 20 Oct 2022 11:36

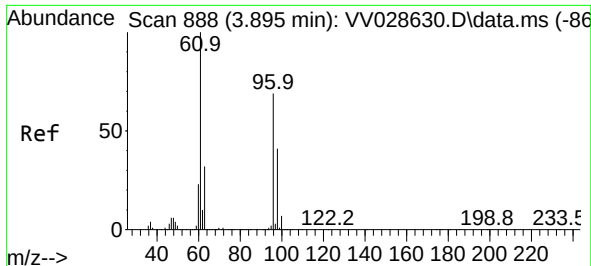
Tgt Ion: 43 Resp: 43349

Ion Ratio Lower Upper

43 100

72 11.1 10.2 30.4

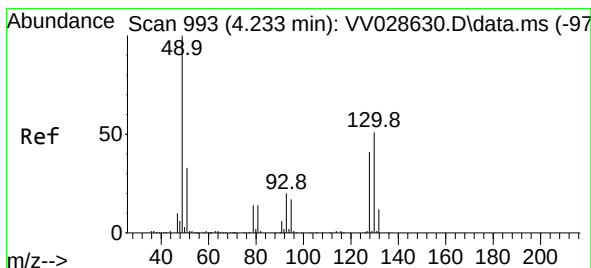
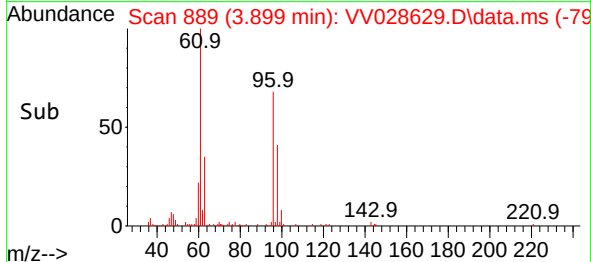
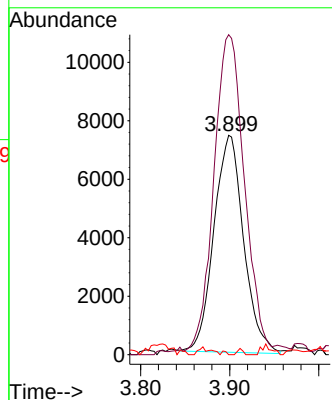
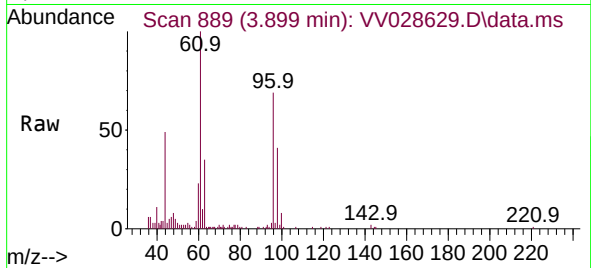




#22
 cis-1,2-Dichloroethene
 Concen: 1.080 ug/L
 RT: 3.899 min Scan# 888
 Delta R.T. 0.003 min
 Lab File: VV028629.D
 Acq: 20 Oct 2022 11:36

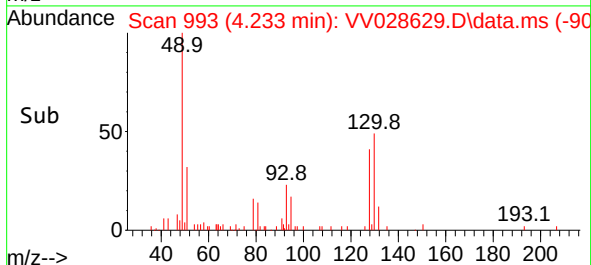
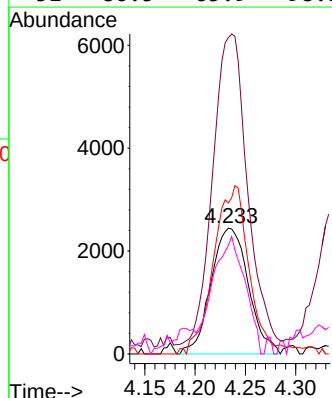
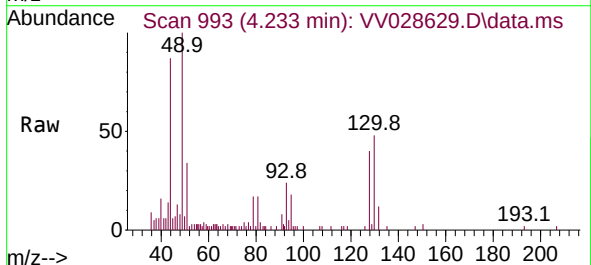
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001265

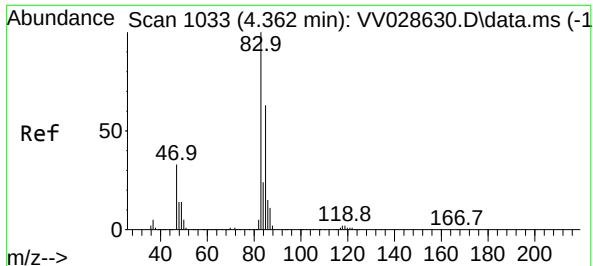
Tgt Ion: 96 Resp: 17220
 Ion Ratio Lower Upper
 96 100
 61 145.9 101.4 188.2
 68 0.0 0.5 0.9



#23
 Bromochloromethane
 Concen: 1.045 ug/L
 RT: 4.233 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VV028629.D
 Acq: 20 Oct 2022 11:36

Tgt Ion:128 Resp: 6345
 Ion Ratio Lower Upper
 128 100
 49 251.6 171.1 317.7
 130 120.1 86.4 160.4
 51 86.5 65.9 98.9

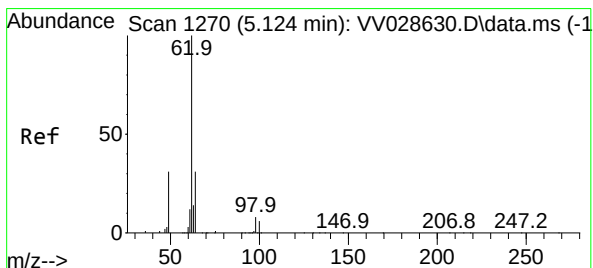
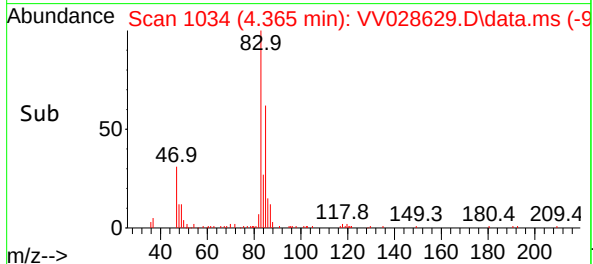
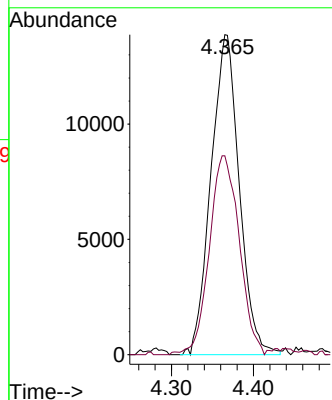
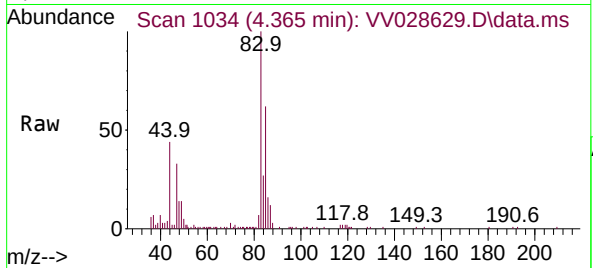




#25
Chloroform
Concen: 1.096 ug/L
RT: 4.365 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

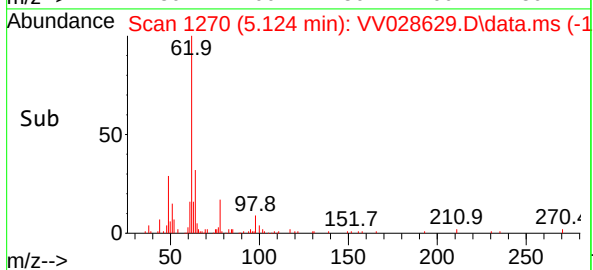
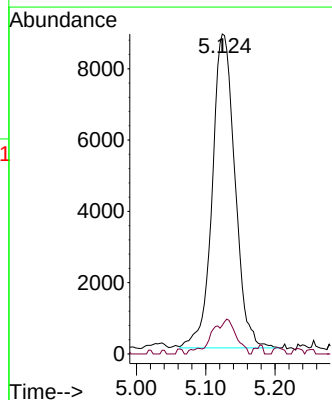
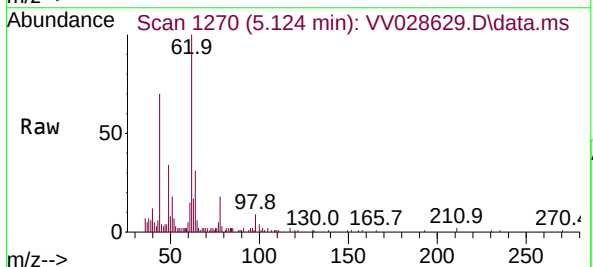
Instrument :
MSVOA_V
ClientSampleId :
VSTD001265

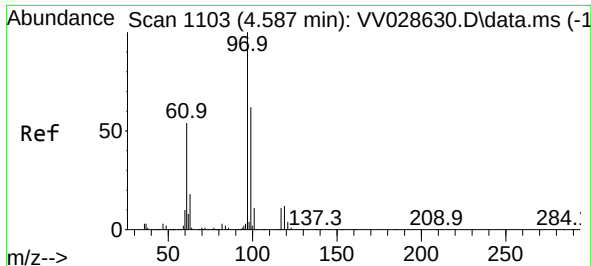
Tgt Ion: 83 Resp: 33250
Ion Ratio Lower Upper
83 100
85 62.1 44.1 81.9



#27
1,2-Dichloroethane
Concen: 1.114 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

Tgt Ion: 62 Resp: 20052
Ion Ratio Lower Upper
62 100
98 8.9 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 1.022 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

VSTD001265

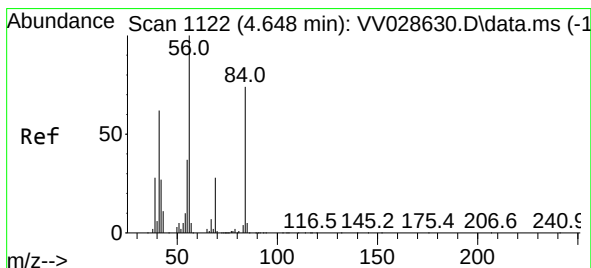
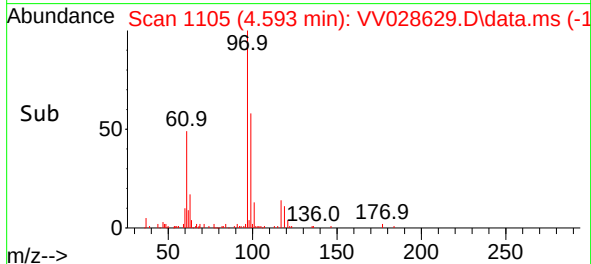
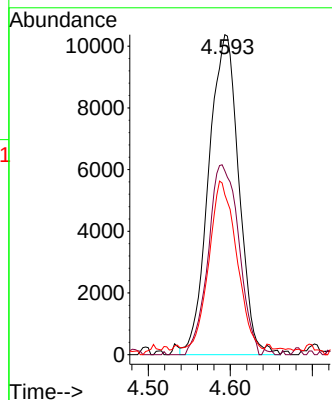
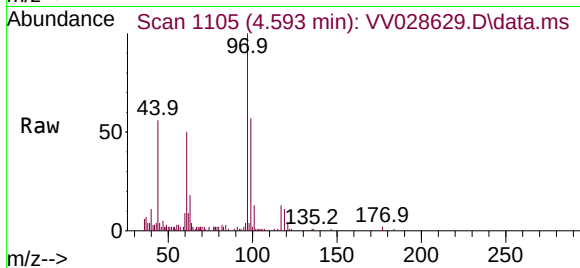
Tgt Ion: 97 Resp: 26435

Ion Ratio Lower Upper

97 100

99 60.2 50.5 75.7

61 47.6 43.1 64.7



#30

Cyclohexane

Concen: 0.930 ug/L

RT: 4.654 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

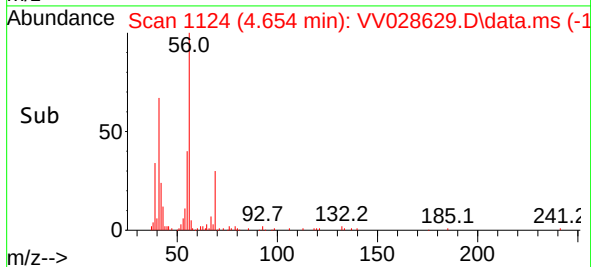
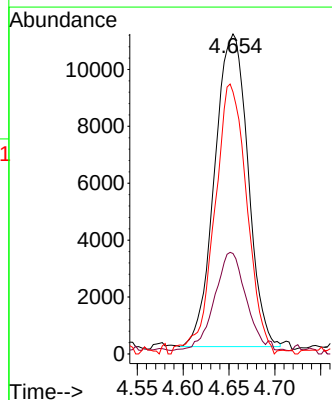
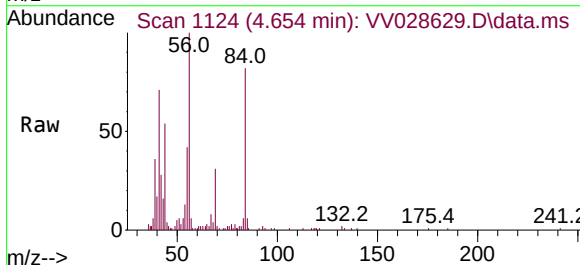
Tgt Ion: 56 Resp: 27718

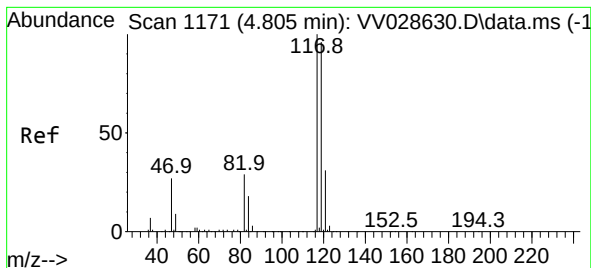
Ion Ratio Lower Upper

56 100

69 29.9 22.6 34.0

84 84.2 60.4 90.6





#31

Carbon tetrachloride

Concen: 0.962 ug/L

RT: 4.805 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

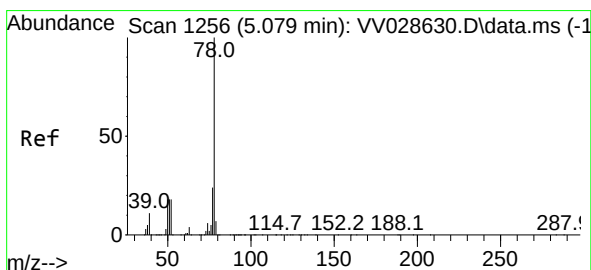
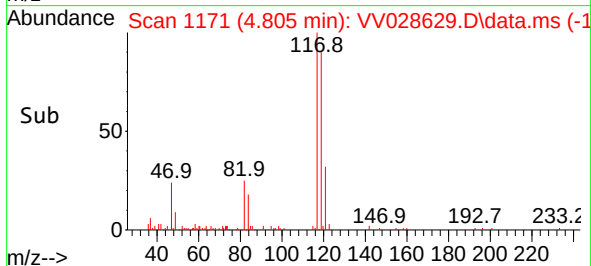
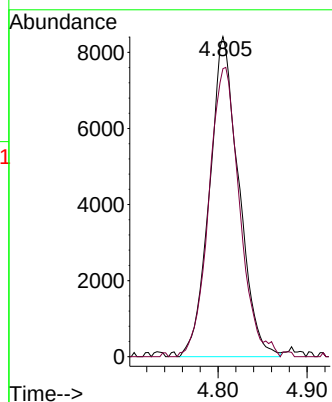
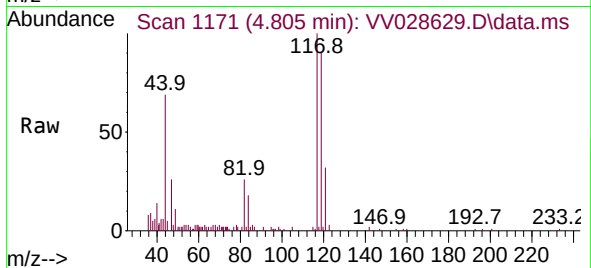
VSTD001265

Tgt Ion:117 Resp: 19240

Ion Ratio Lower Upper

117 100

119 94.8 76.1 114.1



#33

Benzene

Concen: 0.994 ug/L

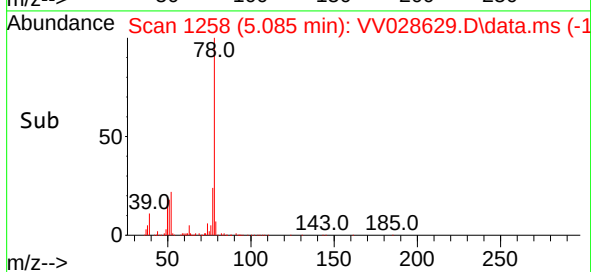
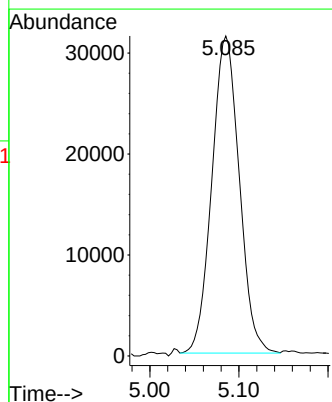
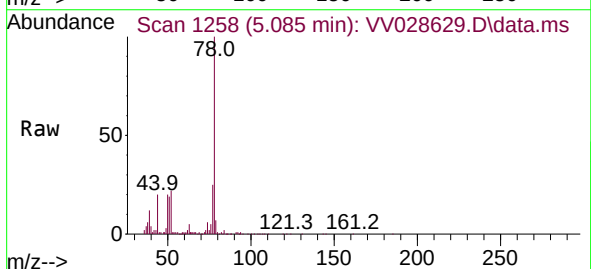
RT: 5.085 min Scan# 1258

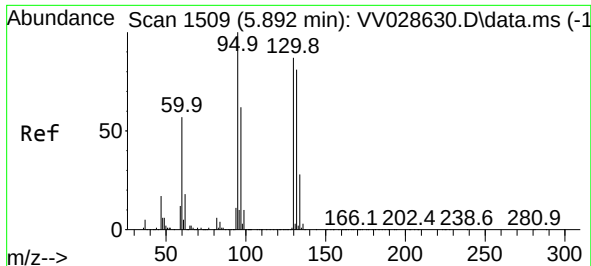
Delta R.T. 0.006 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Tgt Ion: 78 Resp: 67169





#34

Trichloroethene

Concen: 0.999 ug/L

RT: 5.899 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

VSTD001265

Tgt Ion: 95 Resp: 16717

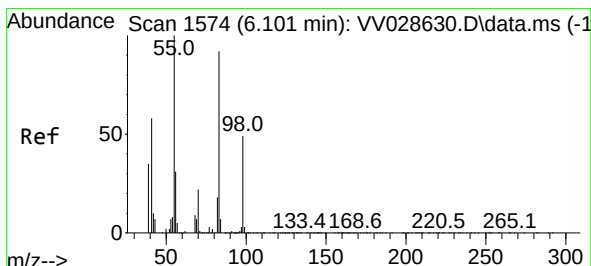
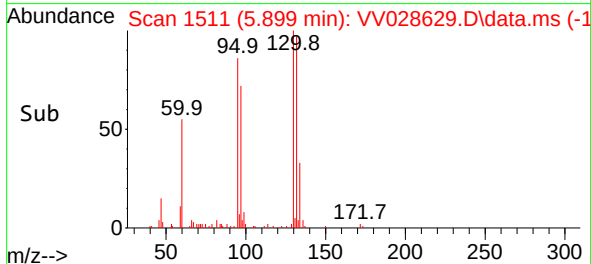
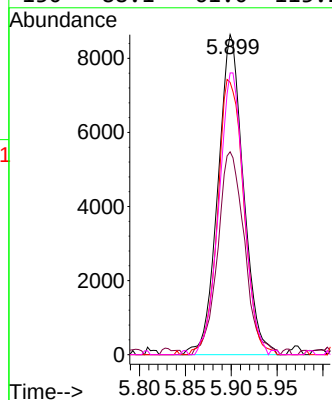
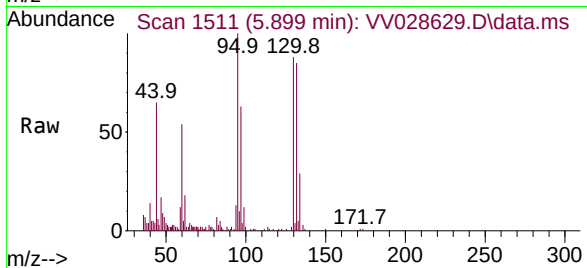
Ion Ratio Lower Upper

95 100

97 63.4 43.5 80.9

132 85.1 56.5 104.9

130 88.1 61.0 113.2



#35

Methylcyclohexane

Concen: 0.949 ug/L

RT: 6.108 min Scan# 1576

Delta R.T. 0.006 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

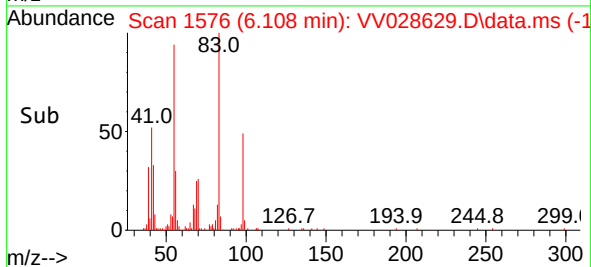
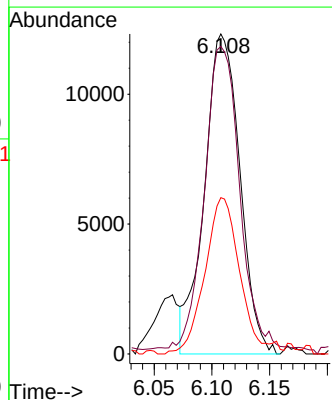
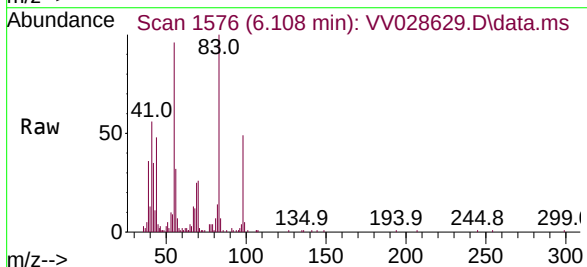
Tgt Ion: 83 Resp: 26396

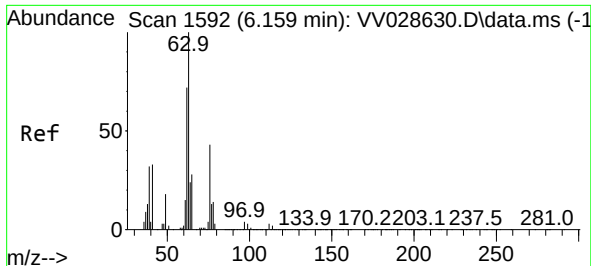
Ion Ratio Lower Upper

83 100

55 99.6 70.0 105.0

98 47.3 35.6 53.4





#37

1,2-Dichloropropane

Concen: 1.137 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

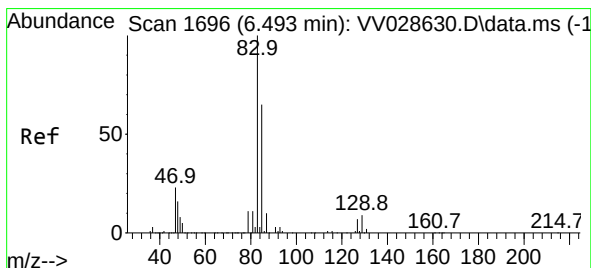
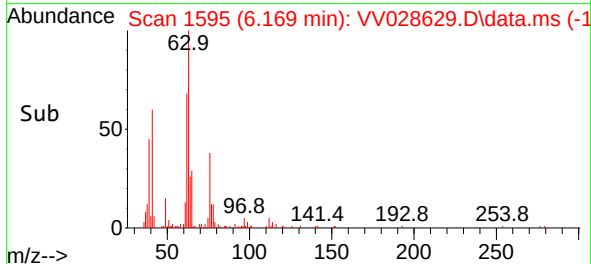
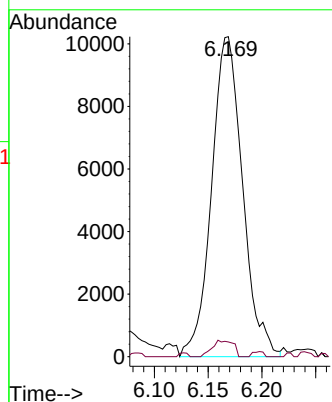
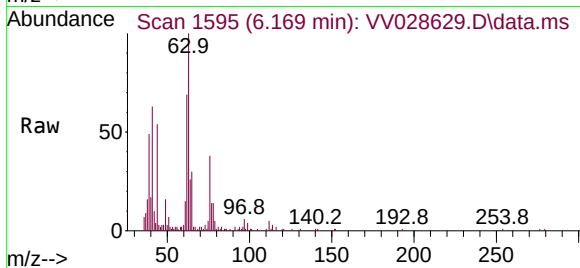
VSTD001265

Tgt Ion: 63 Resp: 20520

Ion Ratio Lower Upper

63 100

112 3.4 3.4 5.2



#38

Bromodichloromethane

Concen: 1.015 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.010 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

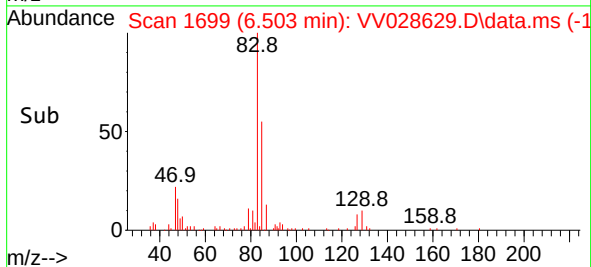
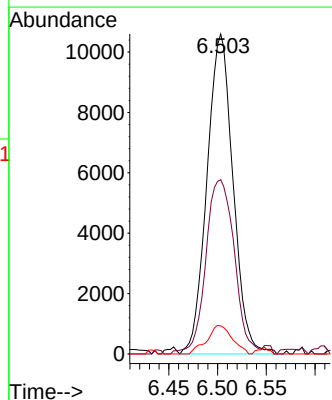
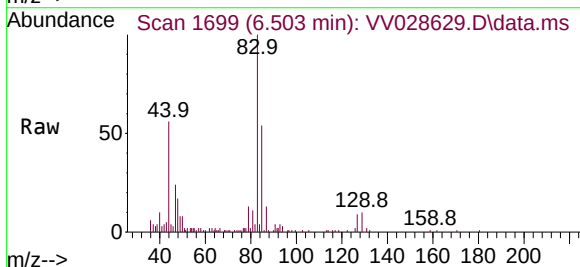
Tgt Ion: 83 Resp: 19746

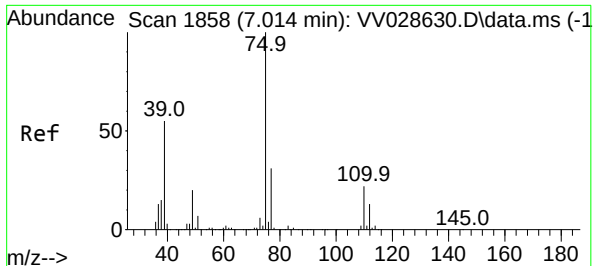
Ion Ratio Lower Upper

83 100

85 54.4 45.1 83.9

127 8.8 5.7 8.5#





#39

cis-1,3-Dichloropropene

Concen: 0.950 ug/L

RT: 7.021 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

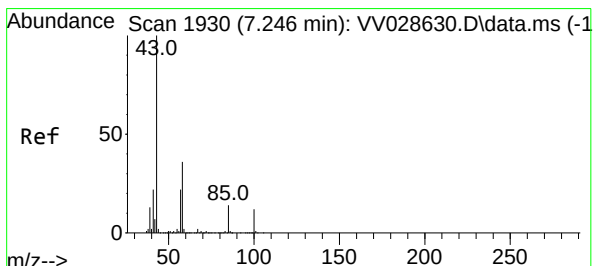
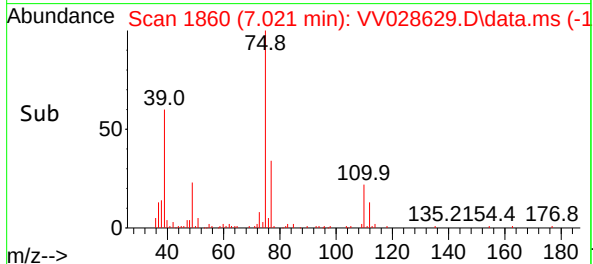
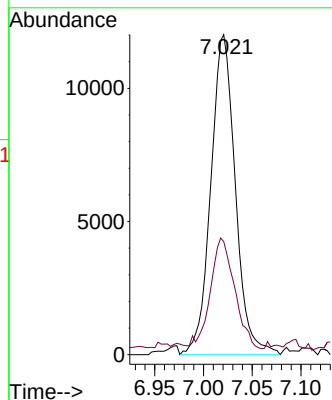
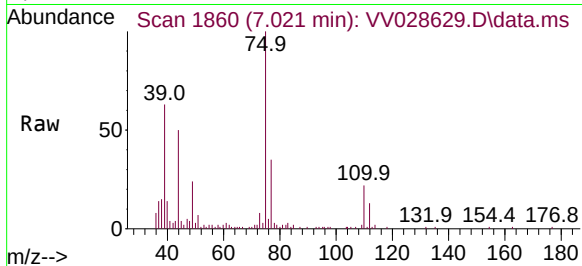
VSTD001265

Tgt Ion: 75 Resp: 21069

Ion Ratio Lower Upper

75 100

77 35.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 11.928 ug/L

RT: 7.249 min Scan# 1931

Delta R.T. 0.003 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

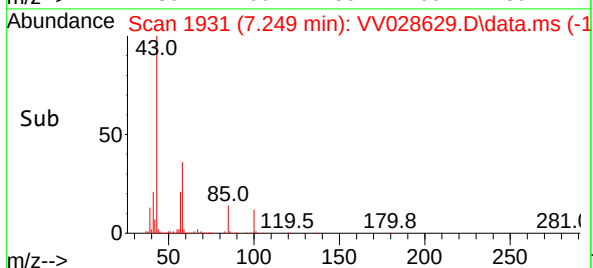
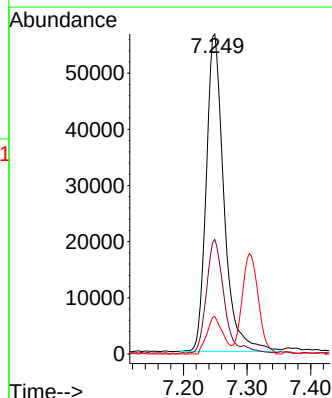
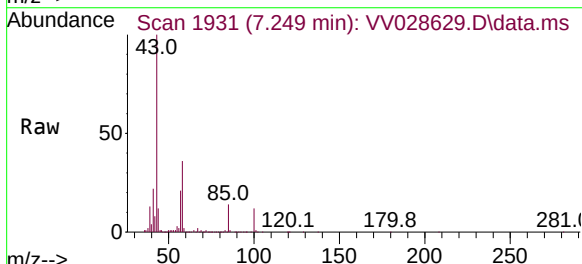
Tgt Ion: 43 Resp: 109579

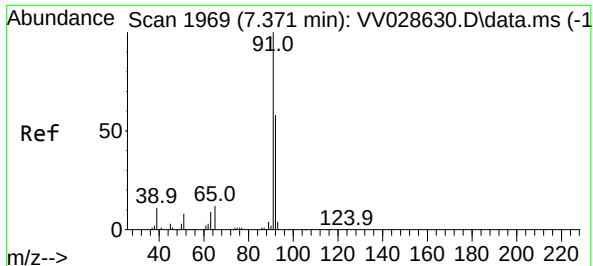
Ion Ratio Lower Upper

43 100

58 34.5 29.6 44.4

100 10.5 9.4 14.0





#42

Toluene

Concen: 1.074 ug/L

RT: 7.374 min Scan# 1969

Delta R.T. 0.003 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

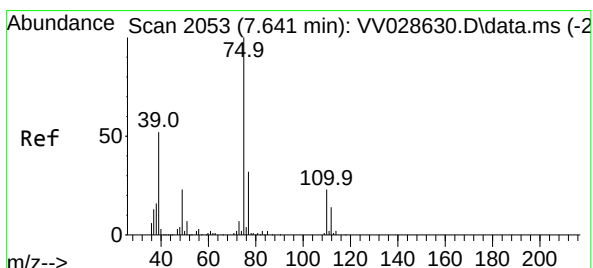
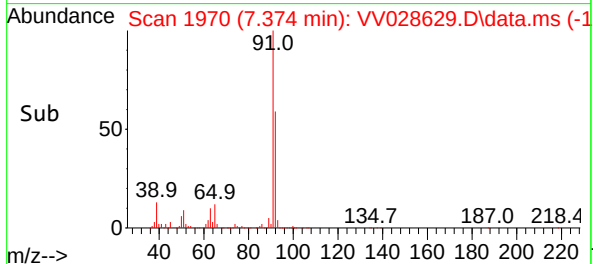
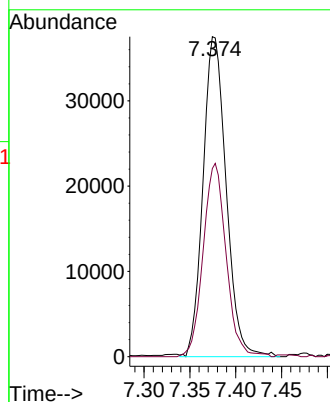
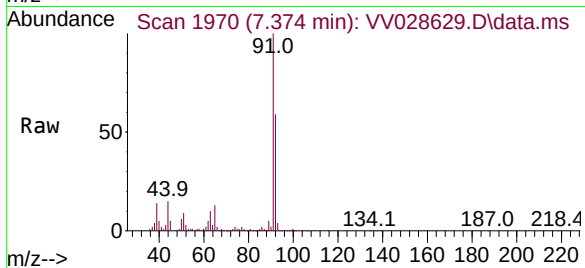
VSTD001265

Tgt Ion: 91 Resp: 65850

Ion Ratio Lower Upper

91 100

92 58.8 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.928 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.003 min

Lab File: VV028629.D

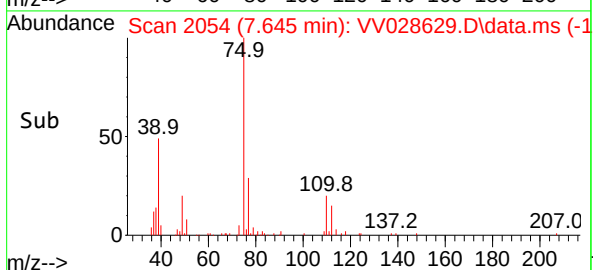
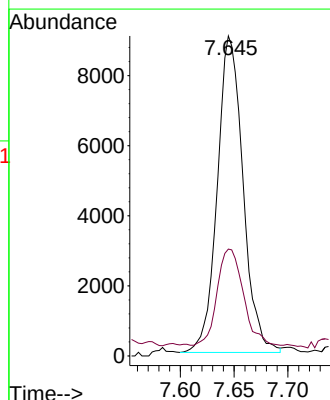
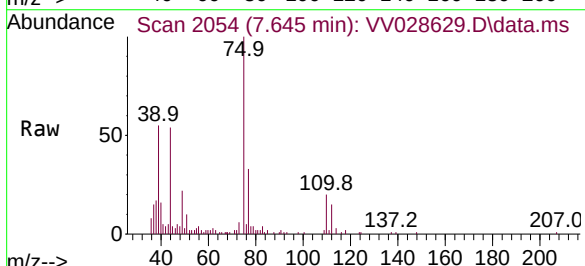
Acq: 20 Oct 2022 11:36

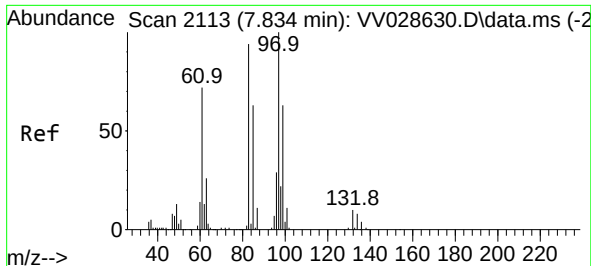
Tgt Ion: 75 Resp: 15022

Ion Ratio Lower Upper

75 100

77 33.4 22.6 42.0

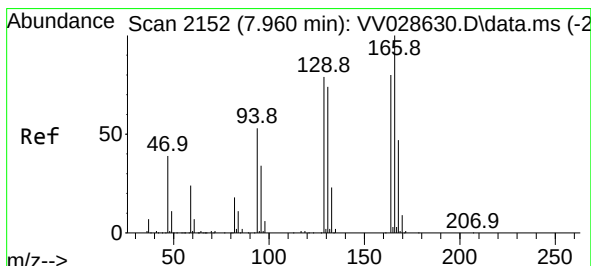
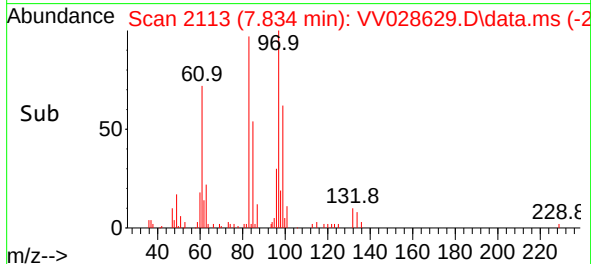
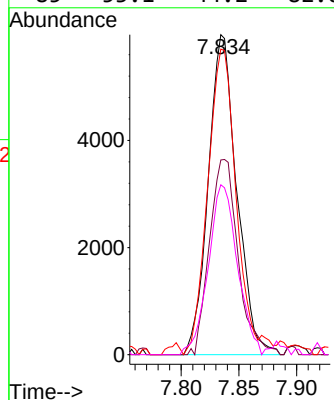
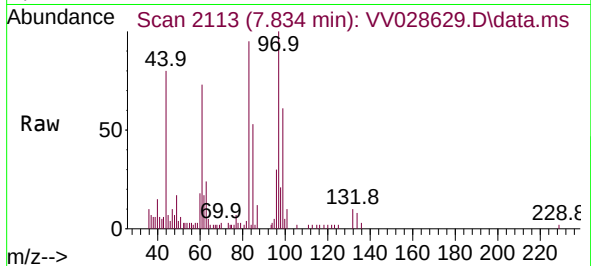




#45
1,1,2-Trichloroethane
Concen: 1.115 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

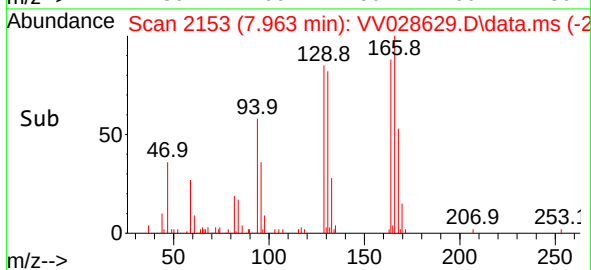
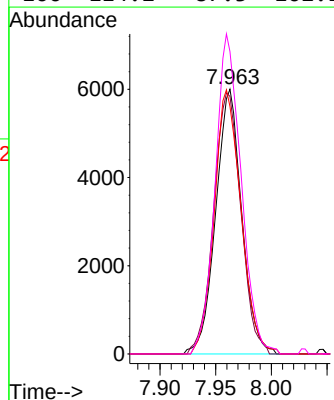
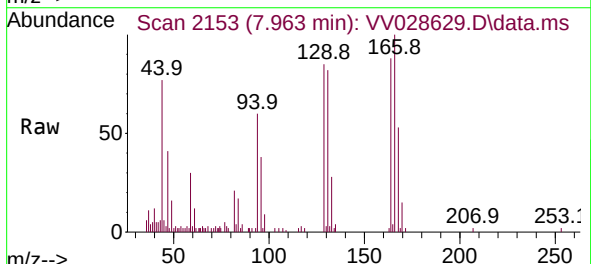
Instrument :
MSVOA_V
ClientSampleId :
VSTD001265

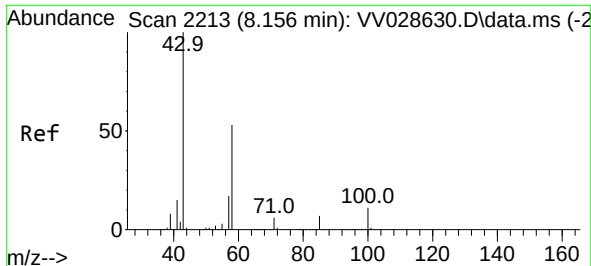
Tgt Ion:	97	Resp:	10274
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.0	81.6
83	95.5	66.2	123.0
85	53.1	44.2	82.0



#47
Tetrachloroethene
Concen: 0.967 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. 0.003 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

Tgt Ion:	164	Resp:	9746
Ion	Ratio	Lower	Upper
164	100		
129	97.3	69.2	128.6
131	93.5	64.2	119.2
166	114.2	87.3	162.1

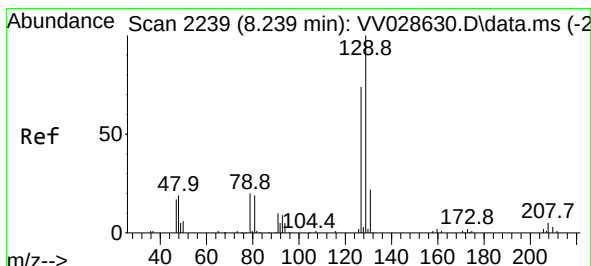
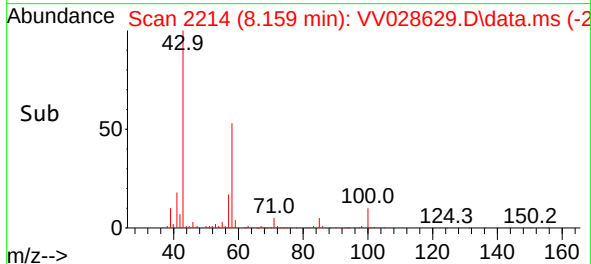
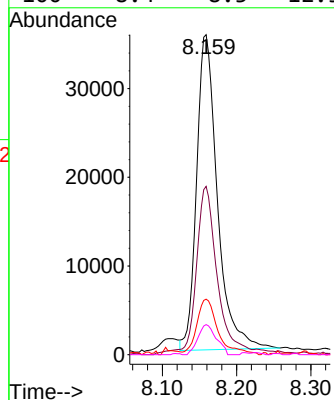
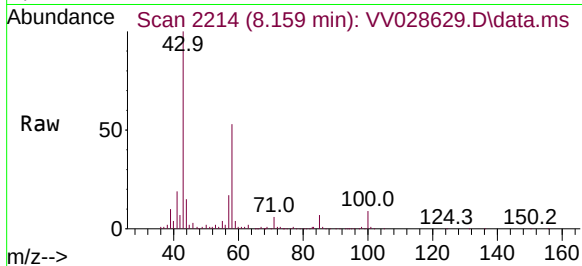




#48
2-Hexanone
Concen: 11.185 ug/L
RT: 8.159 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

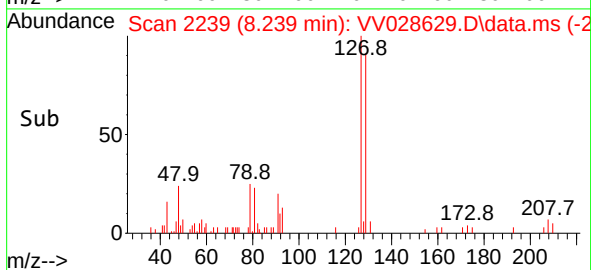
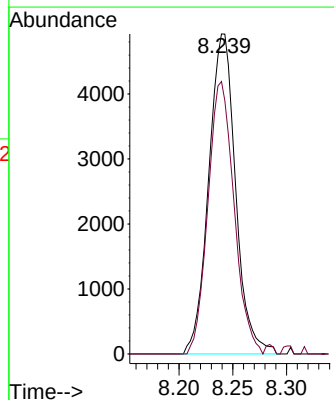
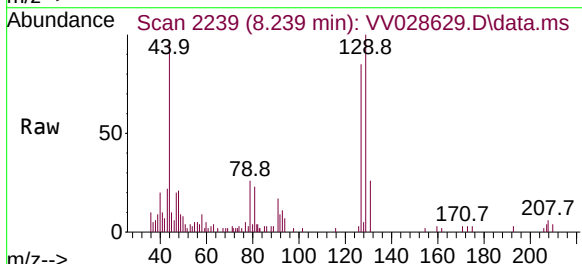
Instrument :
MSVOA_V
ClientSampleId :
VSTD001265

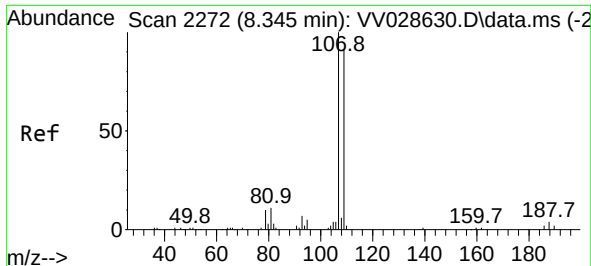
Tgt Ion:	43	Resp:	69408
Ion	Ratio	Lower	Upper
43	100		
58	53.7	40.6	60.8
57	18.0	13.8	20.8
100	8.4	8.3	12.5



#49
Dibromochloromethane
Concen: 0.890 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

Tgt Ion:	129	Resp:	8576
Ion	Ratio	Lower	Upper
129	100		
127	85.2	51.6	95.8

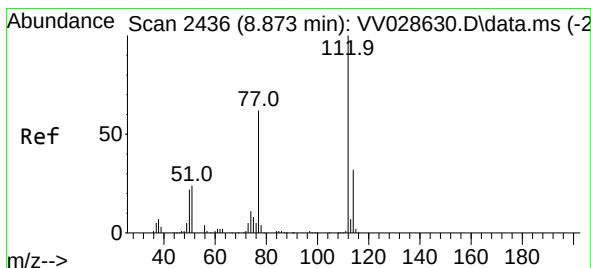
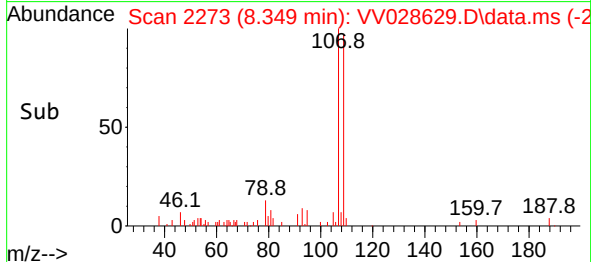
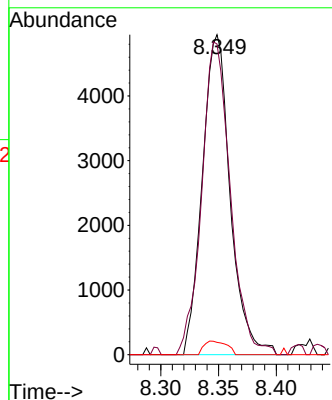
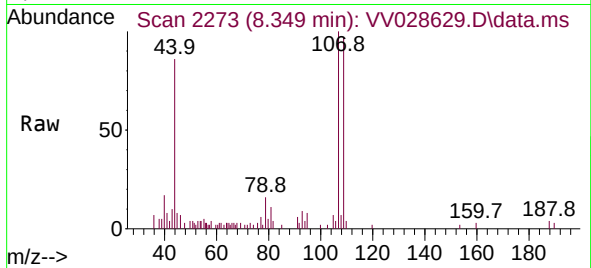




#50
1,2-Dibromoethane
Concen: 1.022 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

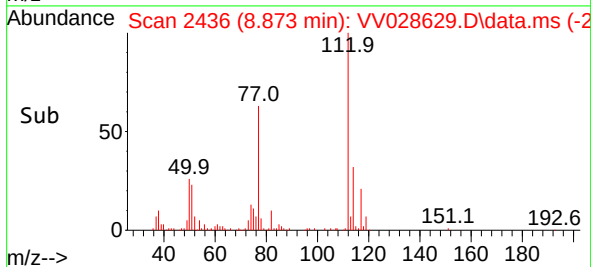
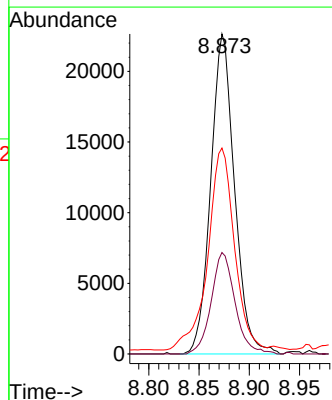
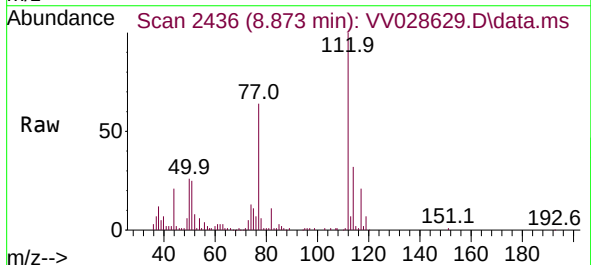
Instrument :
MSVOA_V
ClientSampleId :
VSTD001265

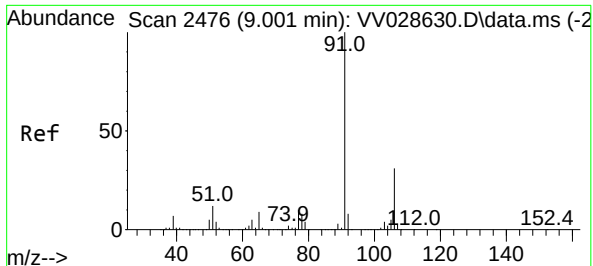
Tgt Ion:107 Resp: 8293
Ion Ratio Lower Upper
107 100
109 97.1 64.0 118.8
188 3.9 2.9 4.3



#51
Chlorobenzene
Concen: 0.986 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. 0.000 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

Tgt Ion:112 Resp: 37372
Ion Ratio Lower Upper
112 100
114 31.7 22.0 41.0
77 64.3 50.0 75.0





#52

Ethylbenzene

Concen: 1.016 ug/L

RT: 9.001 min Scan# 2476

Delta R.T. 0.000 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

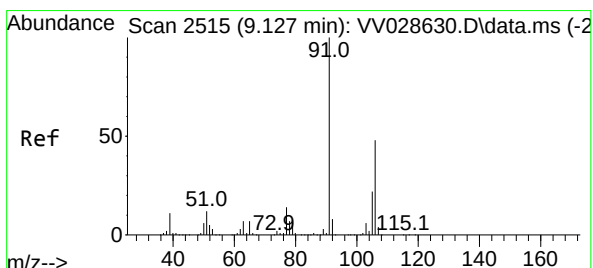
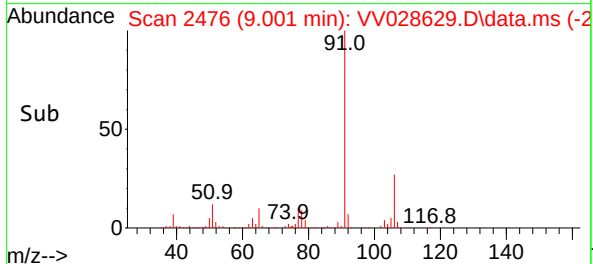
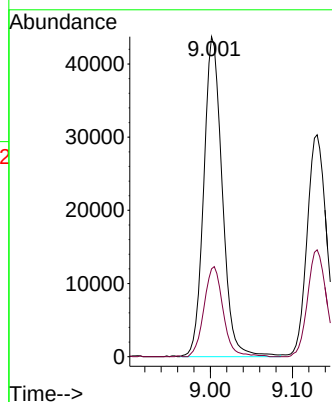
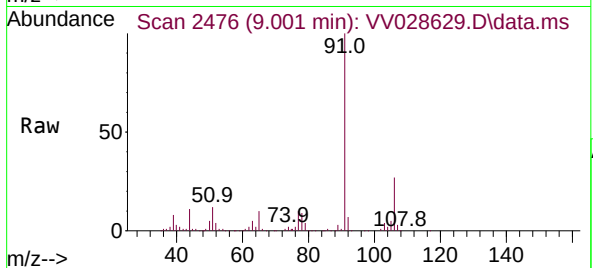
VSTD001265

Tgt Ion: 91 Resp: 68533

Ion Ratio Lower Upper

91 100

106 27.5 21.3 39.6



#53

m,p-Xylene

Concen: 0.946 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.003 min

Lab File: VV028629.D

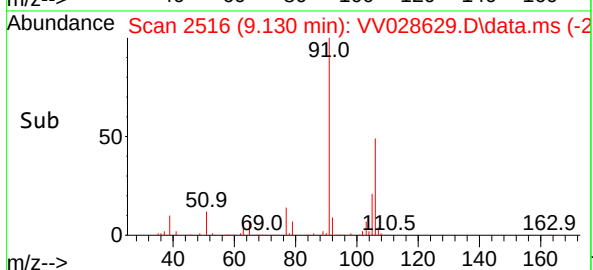
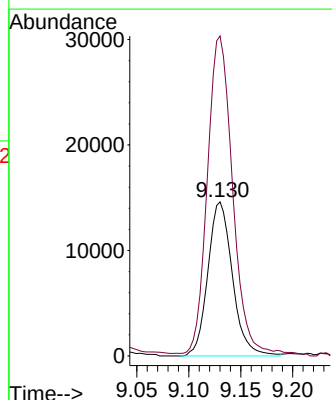
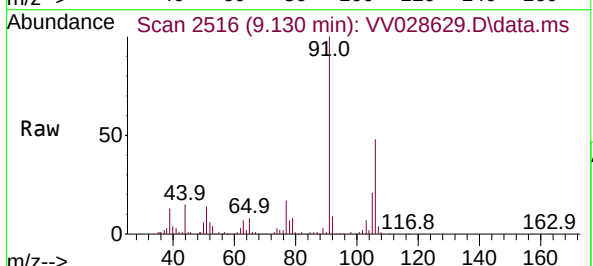
Acq: 20 Oct 2022 11:36

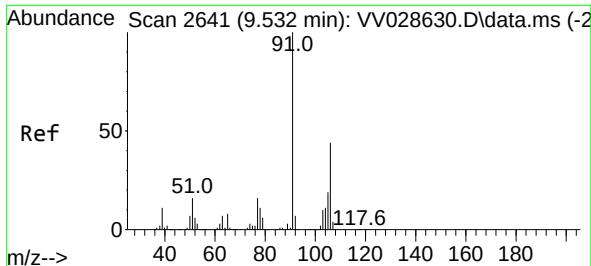
Tgt Ion: 106 Resp: 23989

Ion Ratio Lower Upper

106 100

91 207.6 145.5 270.1

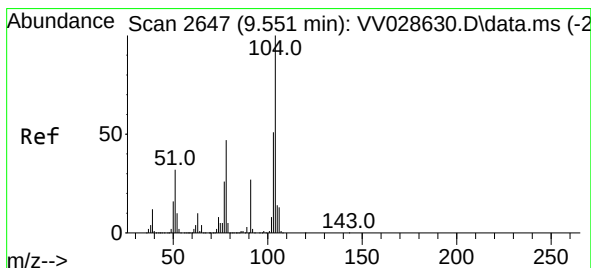
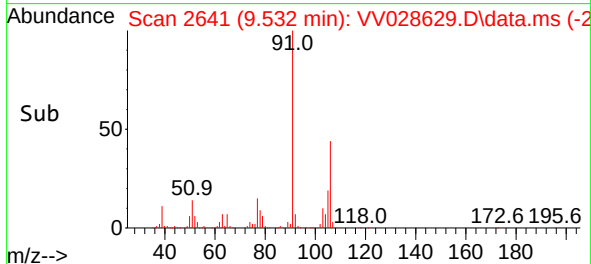
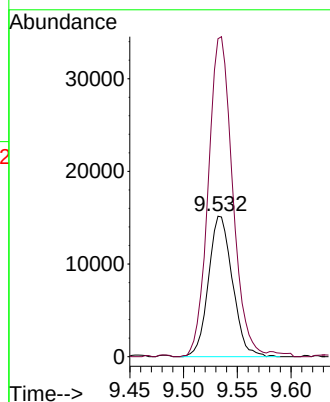
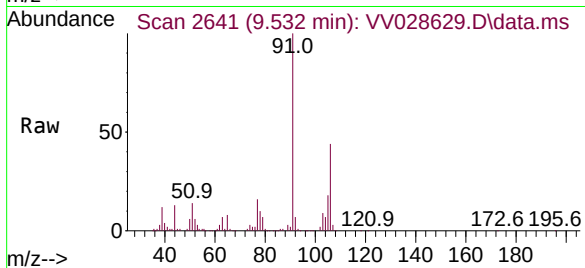




#54
o-Xylene
Concen: 0.964 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. 0.000 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

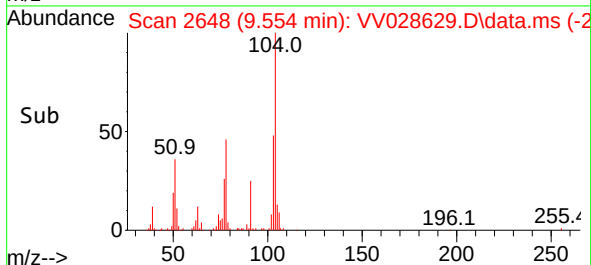
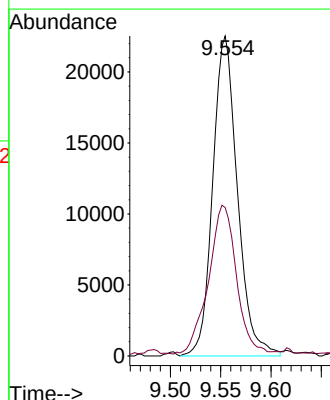
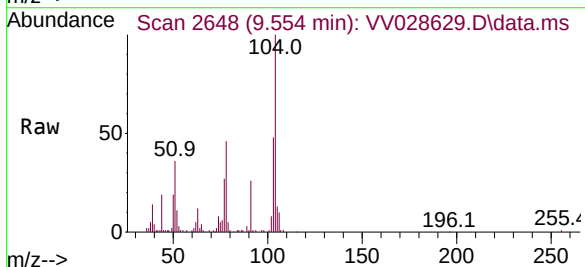
Instrument :
MSVOA_V
ClientSampleId :
VSTD001265

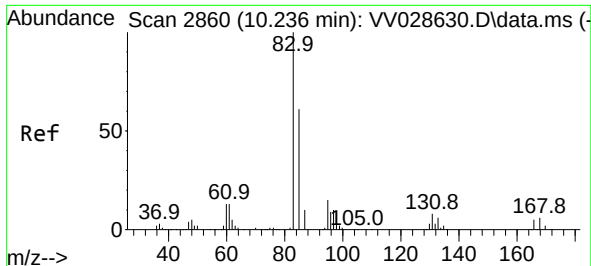
Tgt Ion:106 Resp: 23512
Ion Ratio Lower Upper
106 100
91 226.3 159.0 295.4



#55
Styrene
Concen: 0.925 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

Tgt Ion:104 Resp: 38504
Ion Ratio Lower Upper
104 100
78 46.4 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 0.995 ug/L

RT: 10.236 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

VSTD001265

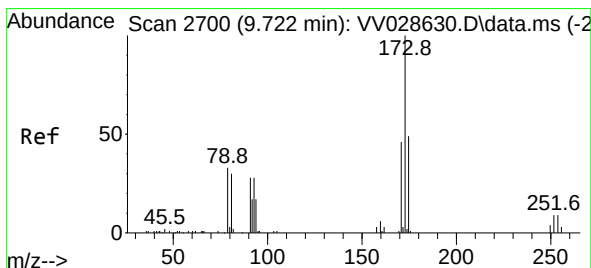
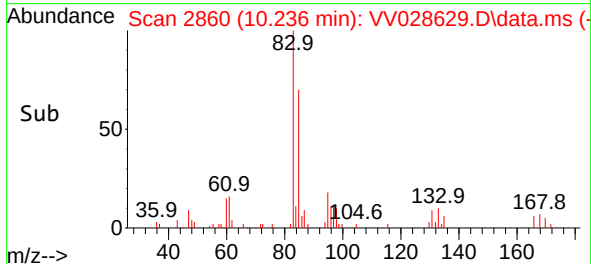
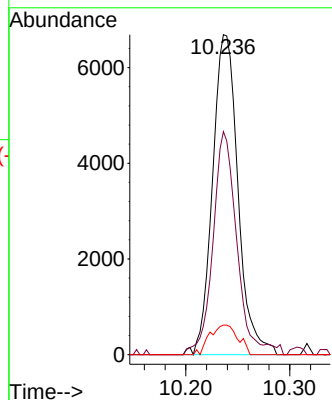
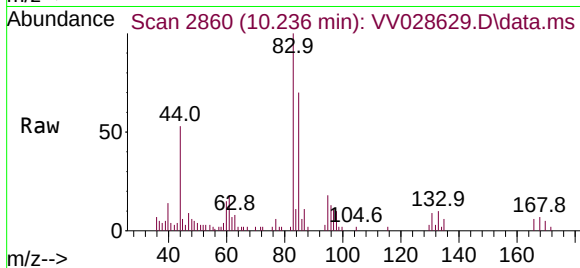
Tgt Ion: 83 Resp: 11392

Ion Ratio Lower Upper

83 100

85 69.7 43.0 80.0

131 9.3 6.5 9.7



#59

Bromoform

Concen: 1.066 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. 0.003 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

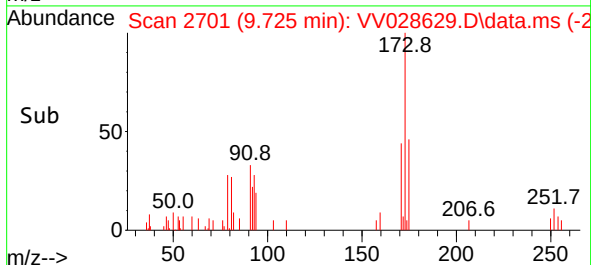
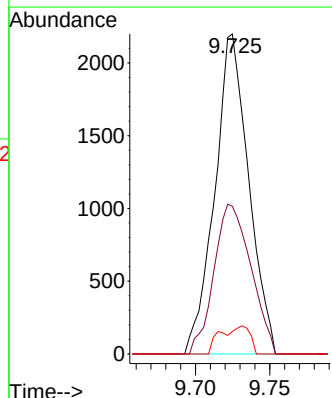
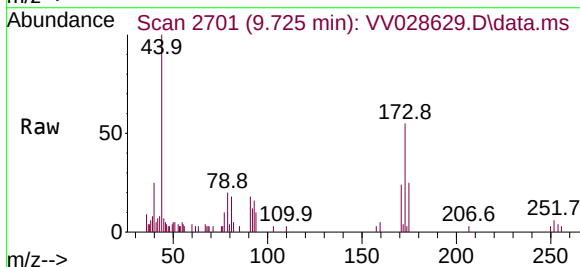
Tgt Ion: 173 Resp: 3489

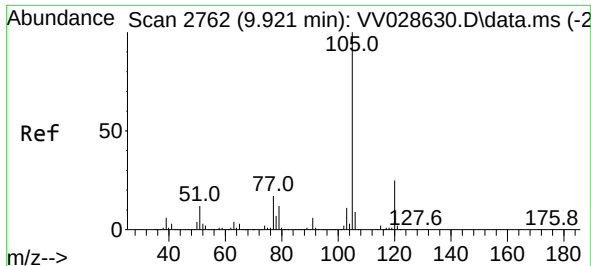
Ion Ratio Lower Upper

173 100

175 50.9 39.8 59.8

254 7.5 7.3 10.9

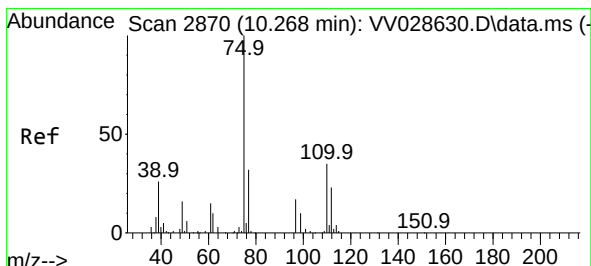
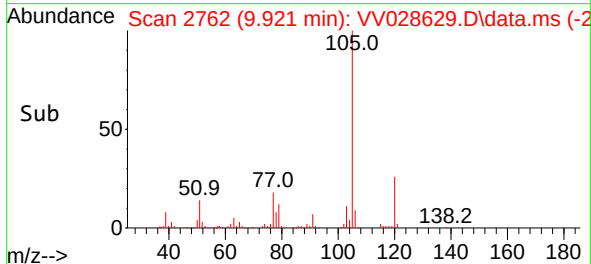
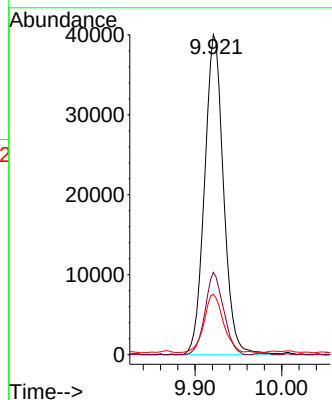
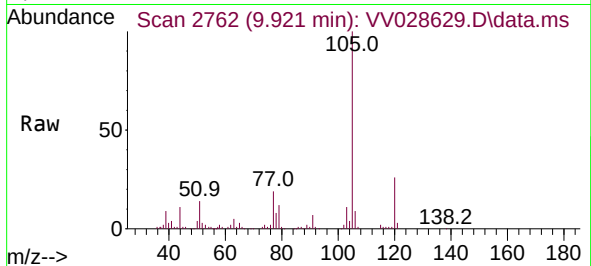




#60
Isopropylbenzene
Concen: 1.251 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

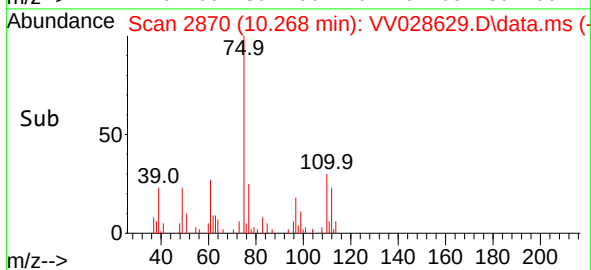
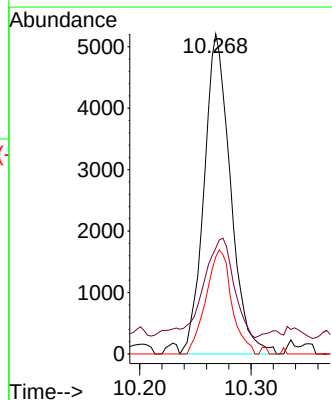
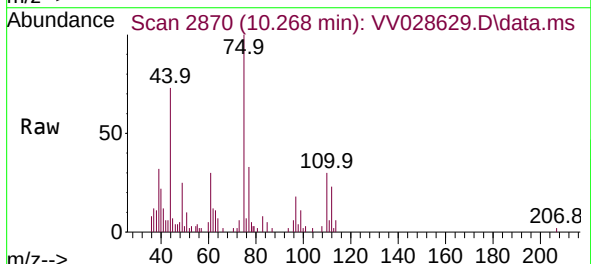
Instrument :
MSVOA_V
ClientSampleId :
VSTD001265

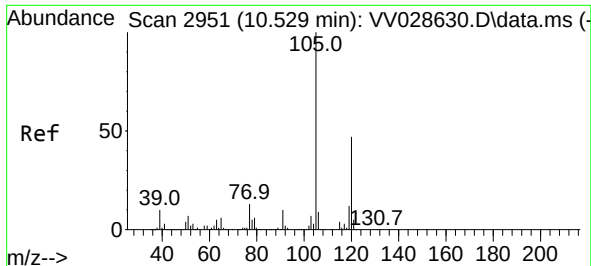
Tgt Ion:105 Resp: 60972
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 18.4 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 1.420 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

Tgt Ion: 75 Resp: 8566
Ion Ratio Lower Upper
75 100
77 36.9 25.2 37.8
110 31.6 27.9 41.9





#62

1,3,5-Trimethylbenzene

Concen: 1.239 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

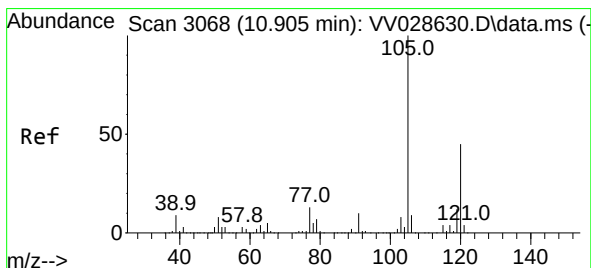
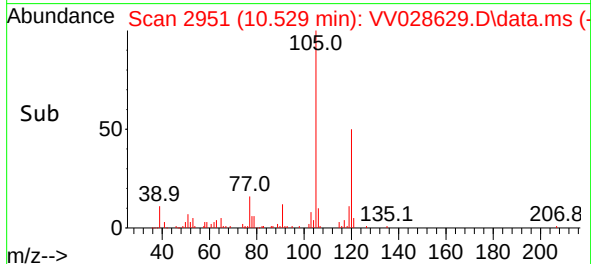
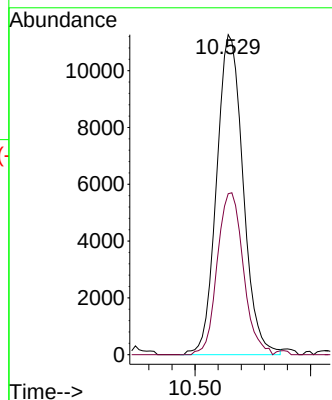
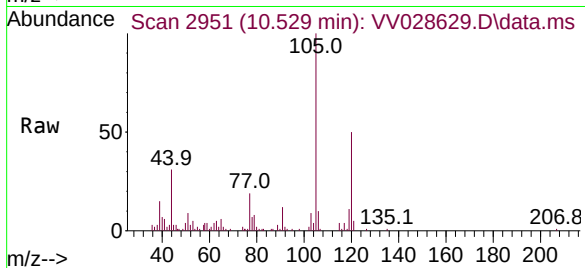
VSTD001265

Tgt Ion:105 Resp: 17974

Ion Ratio Lower Upper

105 100

120 49.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 1.067 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV028629.D

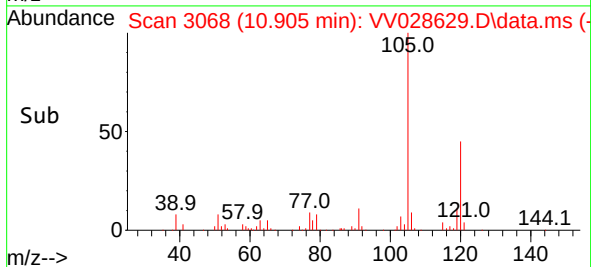
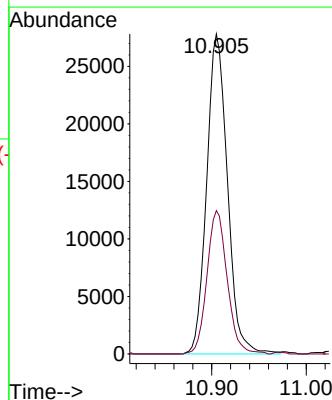
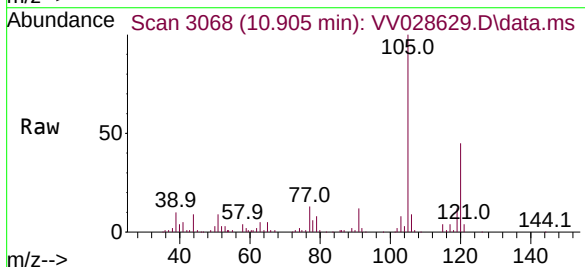
Acq: 20 Oct 2022 11:36

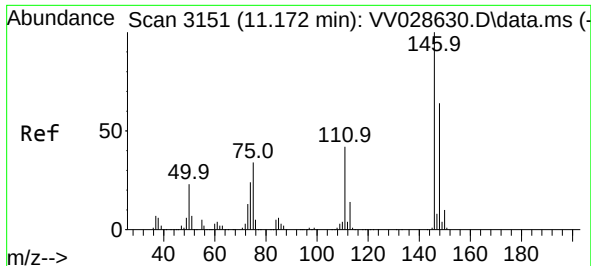
Tgt Ion:105 Resp: 42452

Ion Ratio Lower Upper

105 100

120 43.6 36.2 54.2

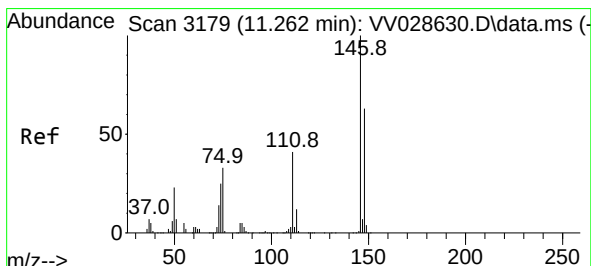
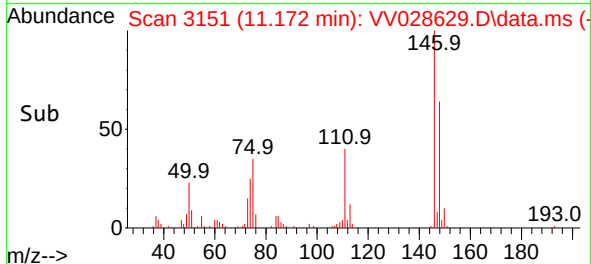
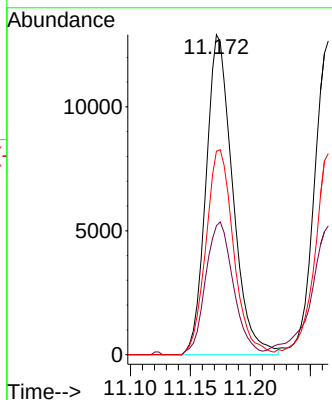
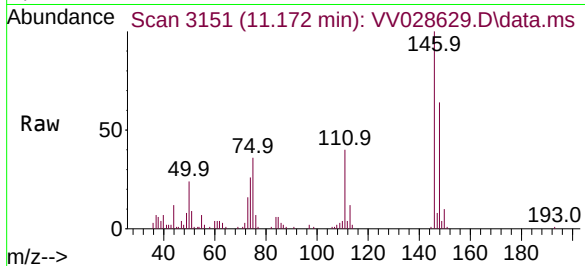




#64
1,3-Dichlorobenzene
Concen: 0.972 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

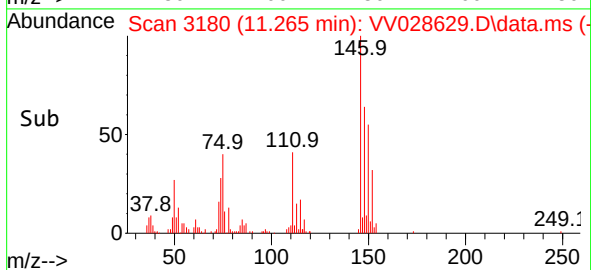
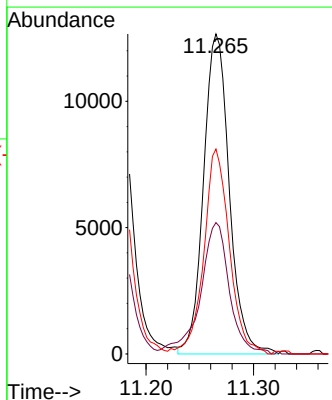
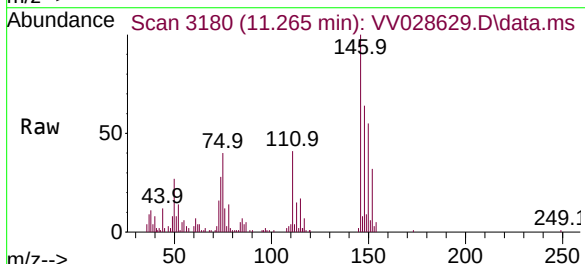
Instrument :
MSVOA_V
ClientSampleId :
VSTD001265

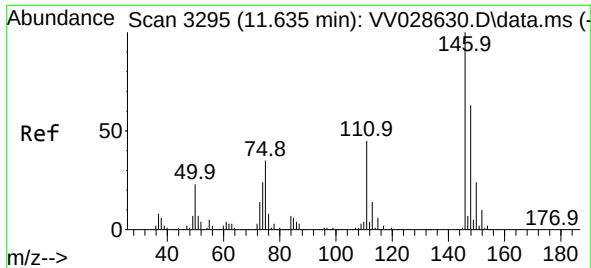
Tgt Ion:146 Resp: 19977
Ion Ratio Lower Upper
146 100
111 40.3 29.0 53.9
148 63.6 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 1.045 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

Tgt Ion:146 Resp: 21114
Ion Ratio Lower Upper
146 100
111 41.0 28.6 53.2
148 64.1 44.3 82.3

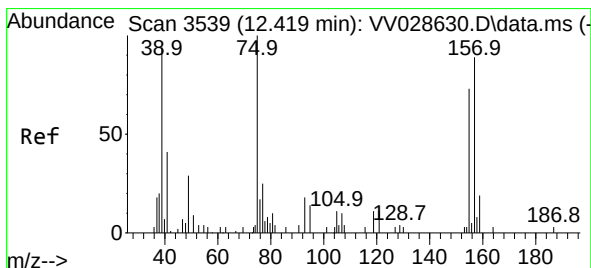
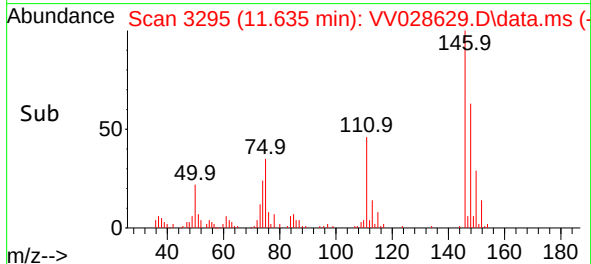
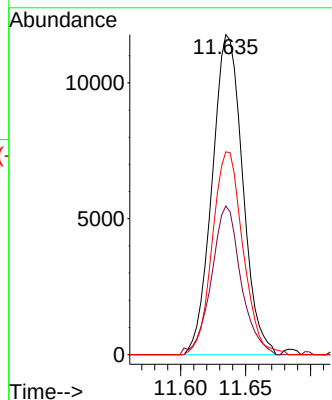
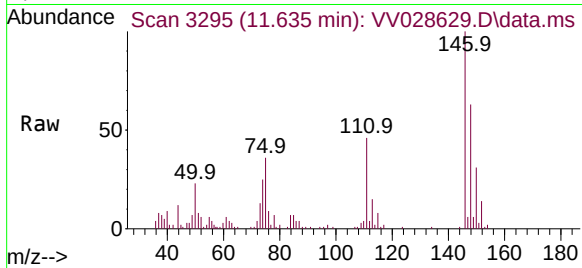




#67
1,2-Dichlorobenzene
Concen: 1.039 ug/L
RT: 11.635 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

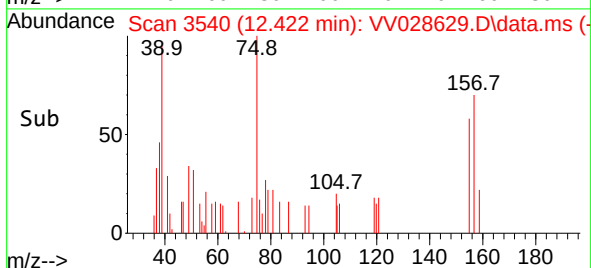
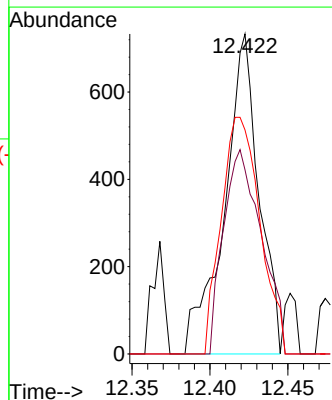
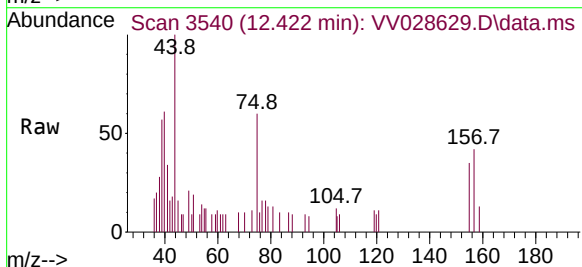
Instrument :
MSVOA_V
ClientSampleId :
VSTD001265

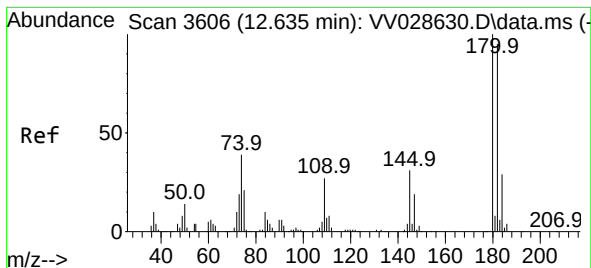
Tgt Ion:146 Resp: 19215
Ion Ratio Lower Upper
146 100
111 46.4 36.2 54.4
148 63.4 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 0.946 ug/L
RT: 12.422 min Scan# 3540
Delta R.T. 0.003 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

Tgt Ion: 75 Resp: 1126
Ion Ratio Lower Upper
75 100
155 57.6 58.2 87.2#
157 70.0 71.5 107.3#





#69

1,3,5-Trichlorobenzene

Concen: 0.959 ug/L

RT: 12.635 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

VSTD001265

Tgt Ion:180 Resp: 14226

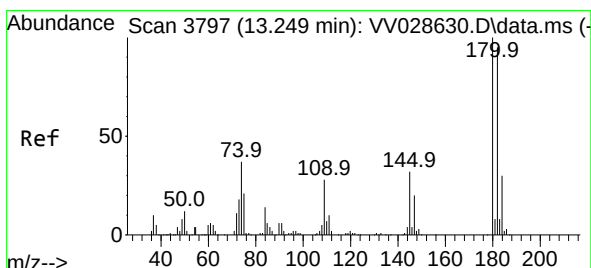
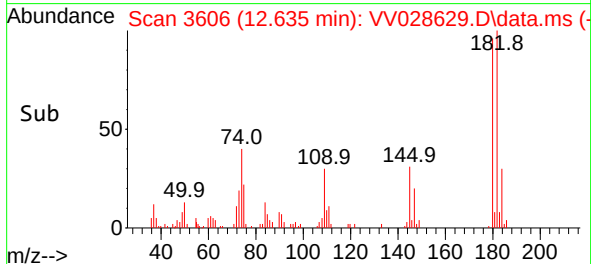
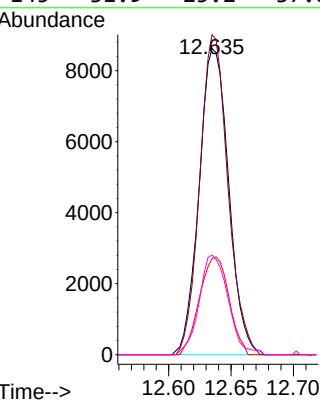
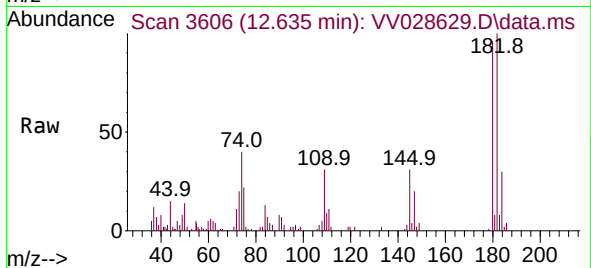
Ion Ratio Lower Upper

180 100

182 99.3 76.6 114.8

184 31.8 24.3 36.5

145 31.9 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 0.967 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.003 min

Lab File: VV028629.D

Acq: 20 Oct 2022 11:36

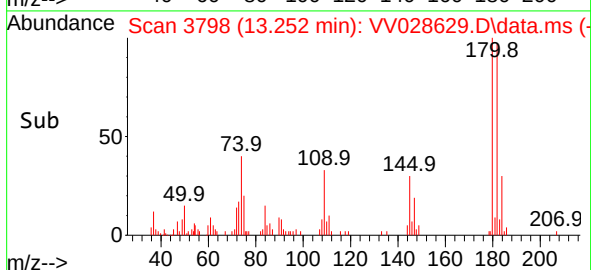
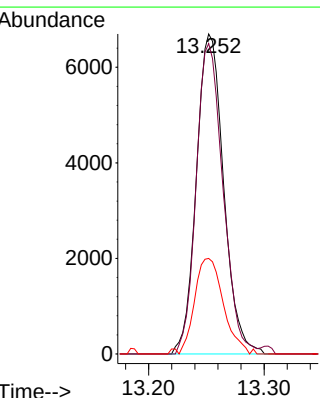
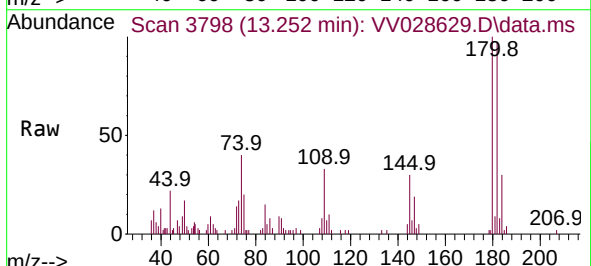
Tgt Ion:180 Resp: 10975

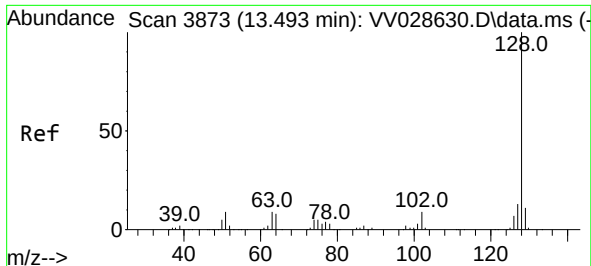
Ion Ratio Lower Upper

180 100

182 95.3 74.7 112.1

145 31.8 25.5 38.3

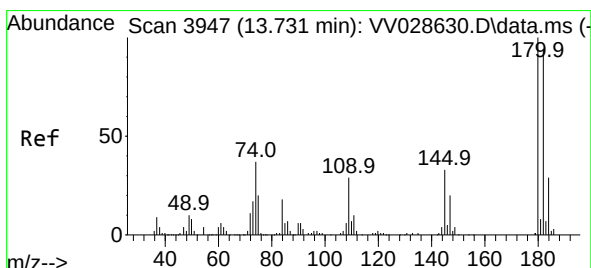
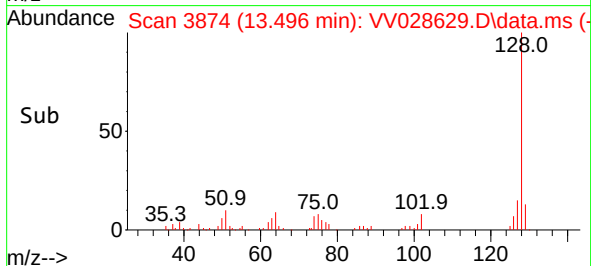
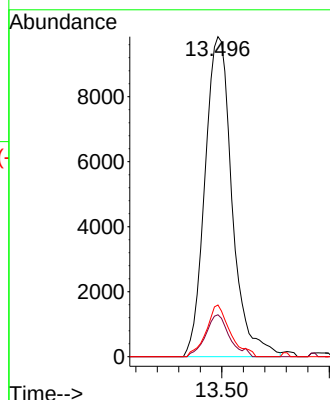
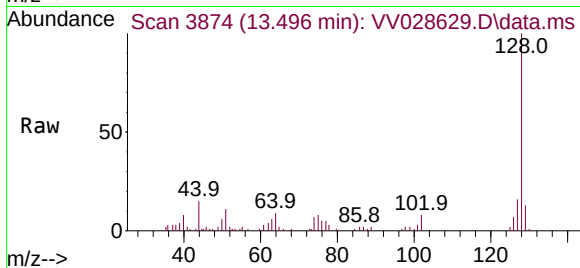




#71
Naphthalene
Concen: 1.022 ug/L
RT: 13.496 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

Instrument :
MSVOA_V
ClientSampleId :
VSTD001265

Tgt Ion:	128	Resp:	17250
Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	14.1	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 1.012 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VV028629.D
Acq: 20 Oct 2022 11:36

Tgt Ion:	180	Resp:	9583
Ion	Ratio	Lower	Upper
180	100		
182	95.4	73.4	110.0
145	31.1	26.3	39.5

