

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW027957.D
 Acq On : 20 Sep 2022 12:29
 Operator : SY/MD
 Sample : VSTD00558
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005258

Quant Time: Sep 21 01:29:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:28:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	348591	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	353324	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	191394	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	14940	5.965	ug/L	0.00
7) Chloroethane-d5	1.561	69	12877	6.956	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	26569	5.828	ug/L	0.00
21) 2-Butanone-d5	3.857	46	46	0.023	ug/L	-0.01
24) Chloroform-d	4.342	84	25782	5.237	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	16370	5.313	ug/L	0.00
32) Benzene-d6	5.047	84	46921	5.284	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	14040	4.589	ug/L	0.00
41) Toluene-d8	7.313	98	41328	5.460	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	6677	4.898	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	11876	8.104	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	21404	4.381	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	18139	5.367	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	15800	5.292	ug/L	99
3) Chloromethane	1.236	50	17705	5.186	ug/L	95
5) Vinyl chloride	1.307	62	17688	5.156	ug/L	100
6) Bromomethane	1.516	94	11640	6.781	ug/L	96
8) Chloroethane	1.580	64	11210	5.808	ug/L	97
9) Trichlorofluoromethane	1.748	101	26078	5.754	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	14417	5.770	ug/L	97
12) 1,1-Dichloroethene	2.111	96	14275	5.896	ug/L	87
13) Acetone	2.172	43	22622	14.221	ug/L	98
14) Carbon disulfide	2.288	76	37684	4.786	ug/L	99
15) Methyl Acetate	2.433	43	15122	4.300	ug/L #	73
16) Methylene chloride	2.500	84	19125	6.128	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	13444	5.167	ug/L	86
18) Methyl tert-butyl Ether	2.760	73	40973	5.257	ug/L #	87
19) 1,1-Dichloroethane	3.182	63	28037	5.415	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	14494	5.325	ug/L	98
22) 2-Butanone	3.986	43	14575	6.889	ug/L	75
23) Bromochloromethane	4.246	128	8171	5.370	ug/L	81
25) Chloroform	4.368	83	28473	5.372	ug/L	99
27) 1,2-Dichloroethane	5.127	62	21392	5.159	ug/L	98
29) Cyclohexane	4.667	56	19336	4.778	ug/L	93
30) 1,1,1-Trichloroethane	4.600	97	23301	5.035	ug/L	96
31) Carbon tetrachloride	4.818	117	21481	5.324	ug/L	96
33) Benzene	5.092	78	56221	5.043	ug/L	100
34) Trichloroethene	5.911	95	13741	4.852	ug/L	97
35) Methylcyclohexane	6.124	83	21769	5.171	ug/L	97
37) 1,2-Dichloropropane	6.169	63	13878	4.488	ug/L	99
38) Bromodichloromethane	6.506	83	21159	5.173	ug/L #	98
39) cis-1,3-Dichloropropene	7.030	75	20761	4.983	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	34434	7.939	ug/L	96
42) Toluene	7.384	91	56788	5.049	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	19940	4.844	ug/L	99

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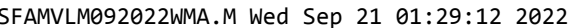
Quant Time: Sep 21 01:29:04 2022
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 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:28:10 2022
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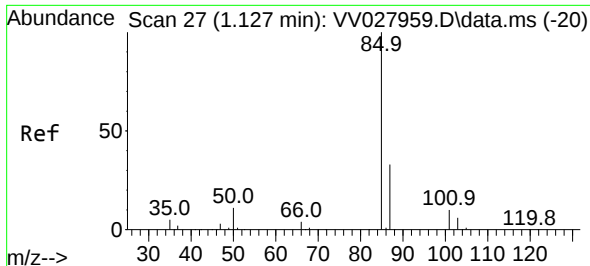
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.837	97	15393	5.139	ug/L	98
46) Tetrachloroethene	7.972	164	11932	5.643	ug/L	96
48) 2-Hexanone	8.143	43	25153	7.217	ug/L #	91
49) Dibromochloromethane	8.243	129	16573	5.211	ug/L	95
50) 1,2-Dibromoethane	8.352	107	15134	4.940	ug/L #	100
51) Chlorobenzene	8.879	112	40761	5.353	ug/L	99
52) Ethylbenzene	9.008	91	59819	5.071	ug/L	99
53) m,p-Xylene	9.136	106	22362	5.010	ug/L	98
54) o-Xylene	9.542	106	21059	4.839	ug/L	99
55) Styrene	9.561	104	36523	4.799	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.236	83	24654	4.887	ug/L	96
59) Bromoform	9.728	173	12023	5.320	ug/L	91
60) Isopropylbenzene	9.927	105	57239	4.828	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	20267	4.759	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	47228	4.806	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	45487	4.703	ug/L	95
64) 1,3-Dichlorobenzene	11.178	146	31389	5.420	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	32321	5.322	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	32586	5.427	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5933	4.918	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	23724	5.909	ug/L	96
70) 1,2,4-trichlorobenzene	13.258	180	21026	6.182	ug/L	99
71) Naphthalene	13.500	128	59581	5.187	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	21673	5.904	ug/L	98

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

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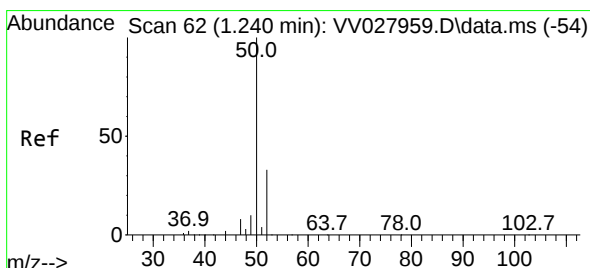
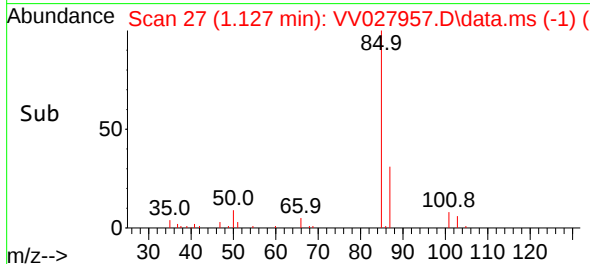
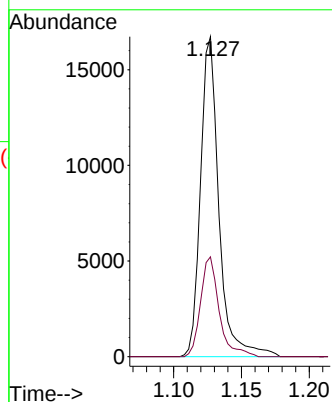
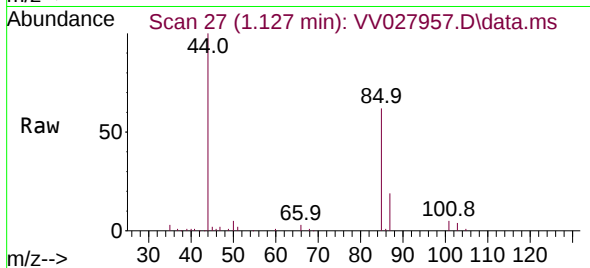




#2
 Dichlorodifluoromethane
 Concen: 5.292 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027957.D
 Acq: 20 Sep 2022 12:29

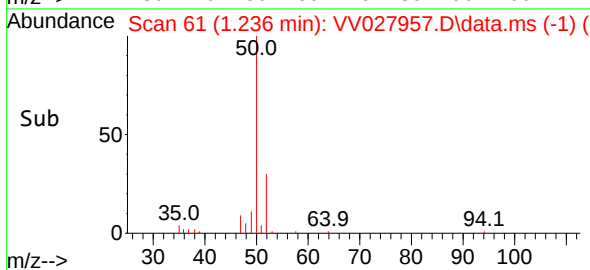
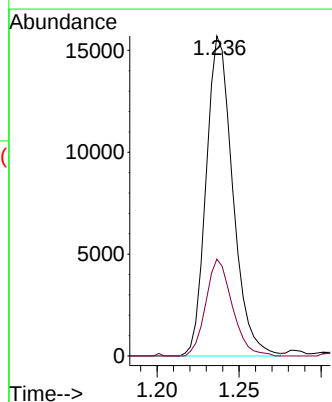
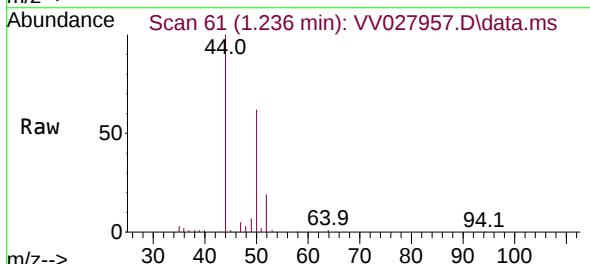
Instrument :
 MSVOA_V
 ClientSampleId :
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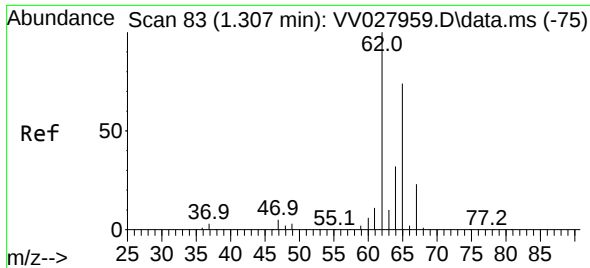
Tgt Ion: 85 Resp: 15800
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.8 38.8



#3
 Chloromethane
 Concen: 5.186 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027957.D
 Acq: 20 Sep 2022 12:29

Tgt Ion: 50 Resp: 17705
 Ion Ratio Lower Upper
 50 100
 52 30.2 23.2 43.0

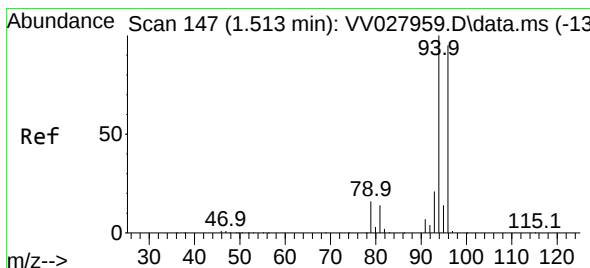
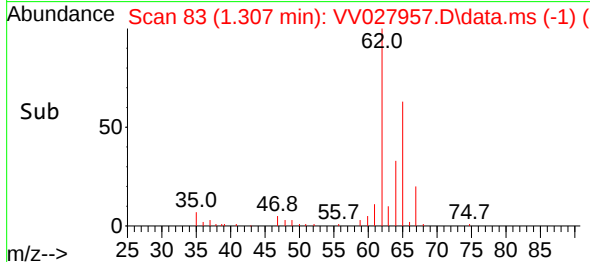
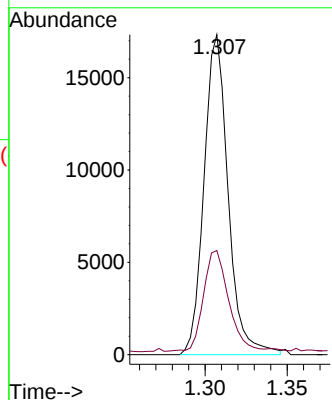
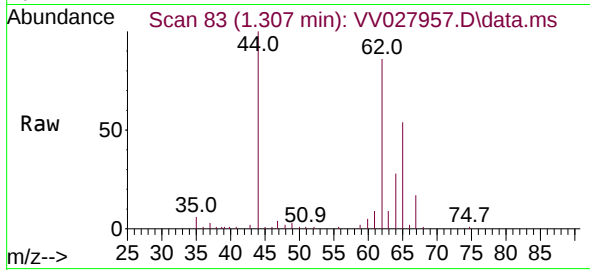




#5
 Vinyl chloride
 Concen: 5.156 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027957.D
 Acq: 20 Sep 2022 12:29

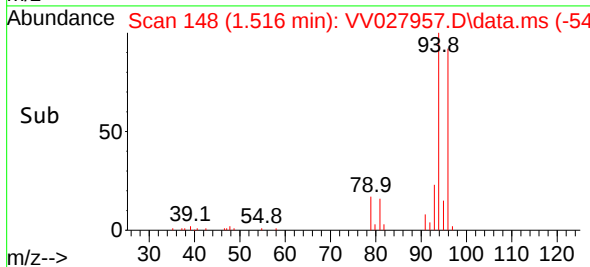
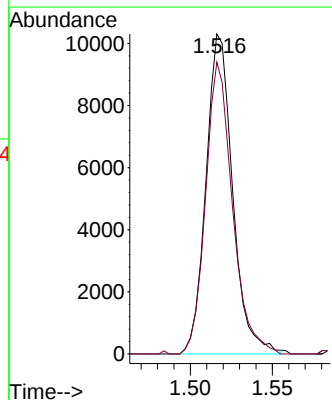
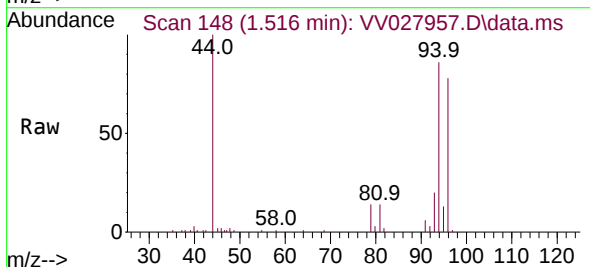
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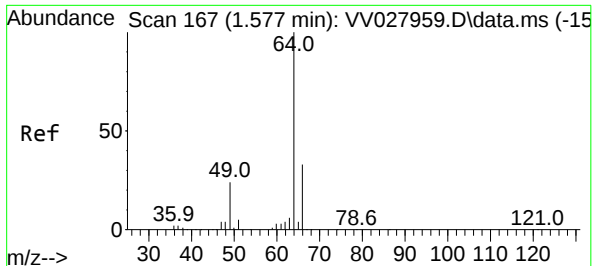
Tgt Ion: 62 Resp: 17688
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 6.781 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV027957.D
 Acq: 20 Sep 2022 12:29

Tgt Ion: 94 Resp: 11640
 Ion Ratio Lower Upper
 94 100
 96 91.2 66.4 123.2

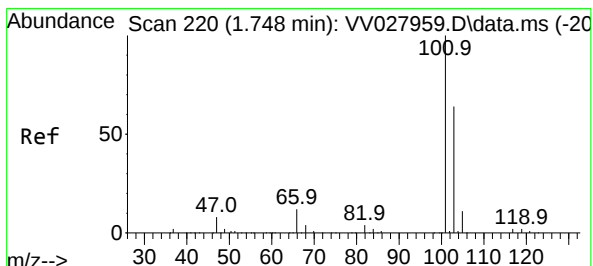
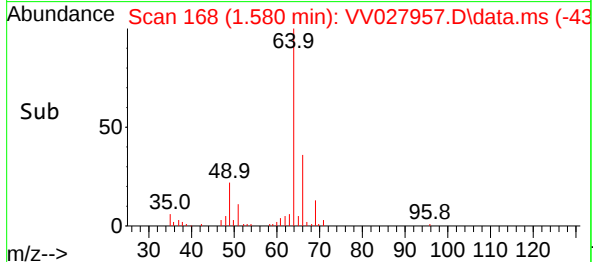
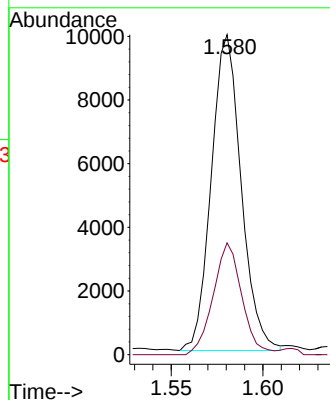
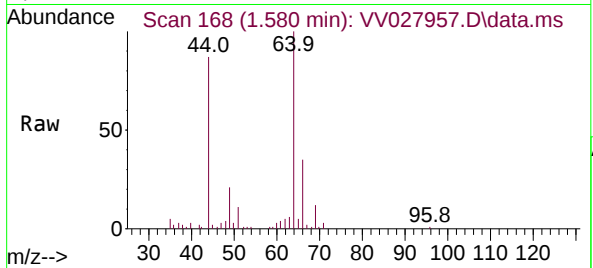




#8
Chloroethane
Concen: 5.808 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

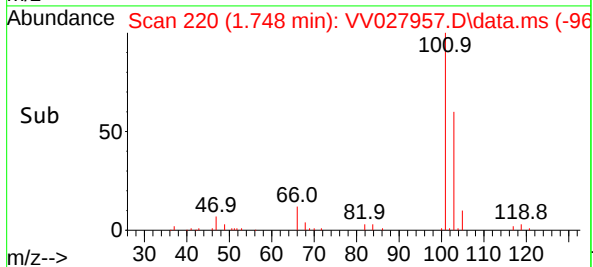
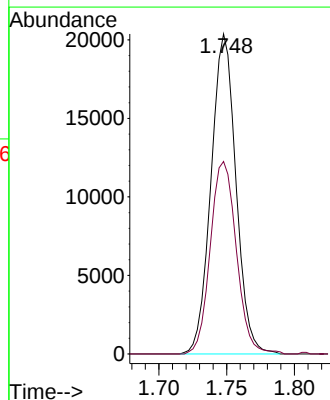
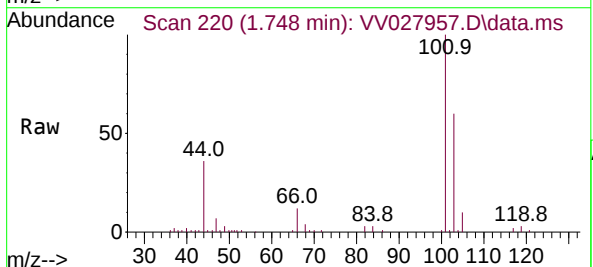
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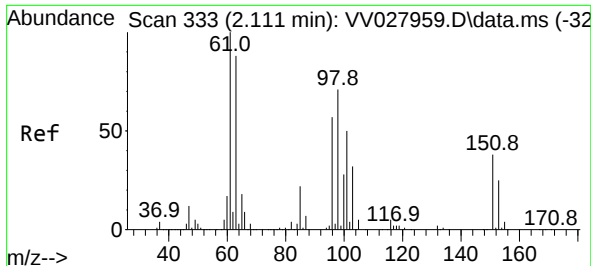
Tgt Ion: 64 Resp: 11210
Ion Ratio Lower Upper
64 100
66 34.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.754 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Tgt Ion: 101 Resp: 26078
Ion Ratio Lower Upper
101 100
103 62.9 51.3 76.9

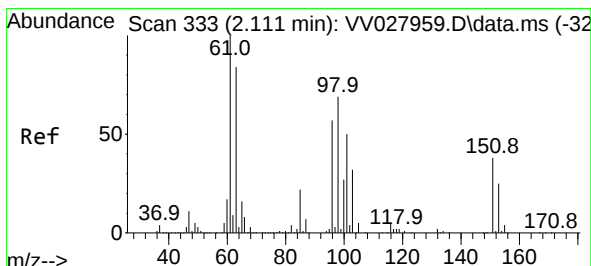
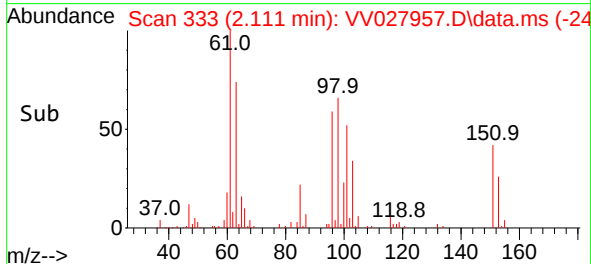
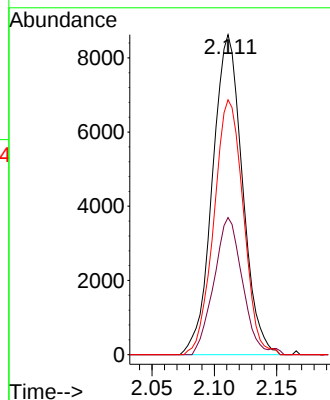
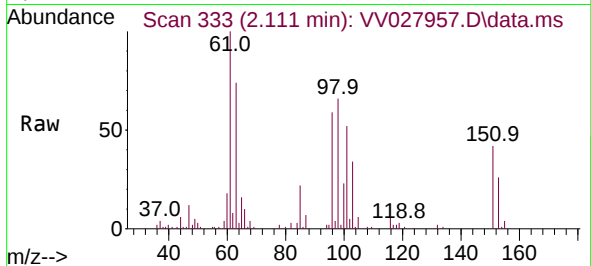




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.770 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027957.D
 Acq: 20 Sep 2022 12:29

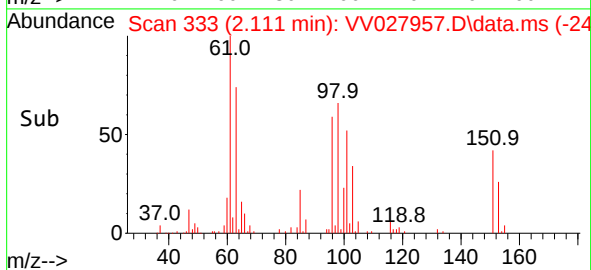
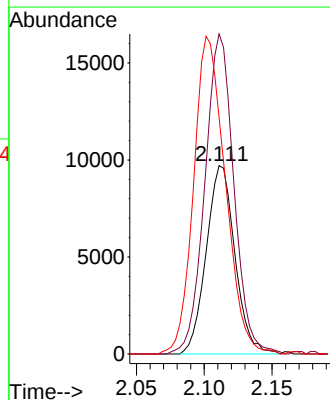
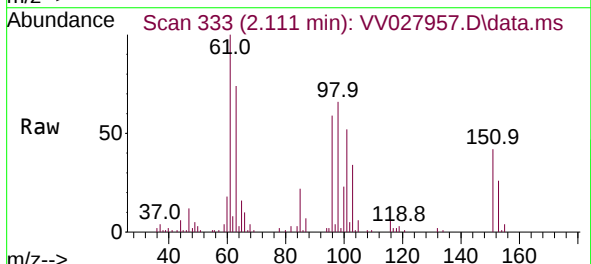
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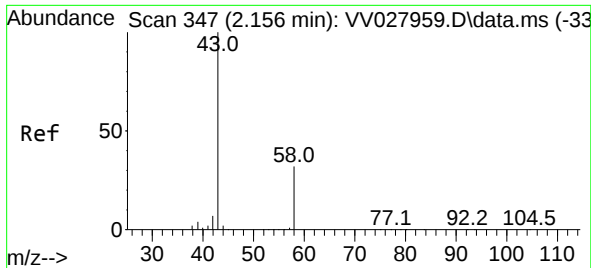
Tgt Ion:	101	Resp:	14417
Ion	Ratio	Lower	Upper
101	100		
85	40.4	35.6	53.4
151	78.3	62.2	93.4



#12
 1,1-Dichloroethene
 Concen: 5.896 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027957.D
 Acq: 20 Sep 2022 12:29

Tgt Ion:	96	Resp:	14275
Ion	Ratio	Lower	Upper
96	100		
61	169.9	123.7	229.7
63	125.5	108.6	201.6





#13

Acetone

Concen: 14.221 ug/L

RT: 2.172 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

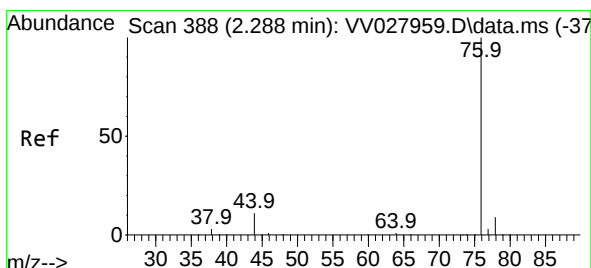
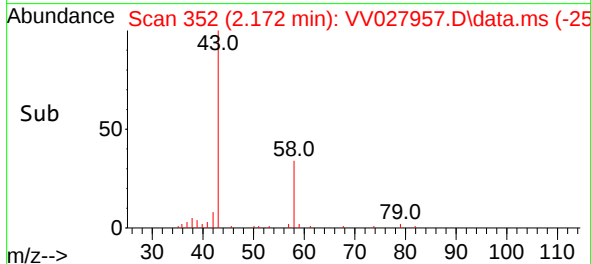
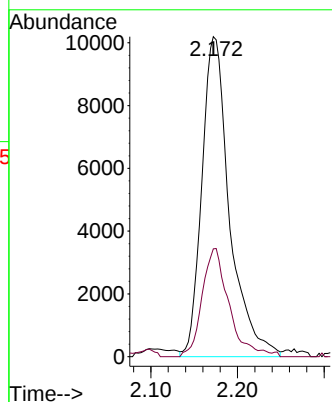
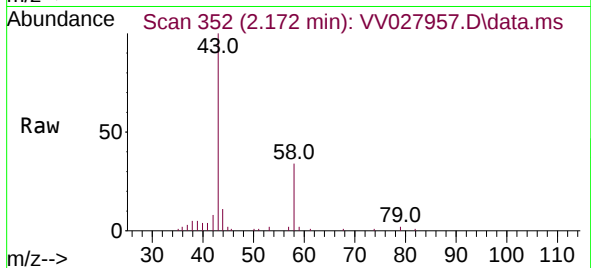
VSTD005258

Tgt Ion: 43 Resp: 22622

Ion Ratio Lower Upper

43 100

58 31.9 0.0 66.2



#14

Carbon disulfide

Concen: 4.786 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV027957.D

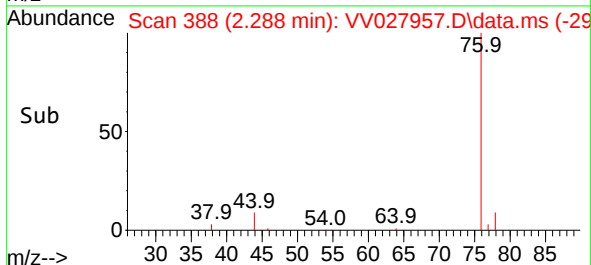
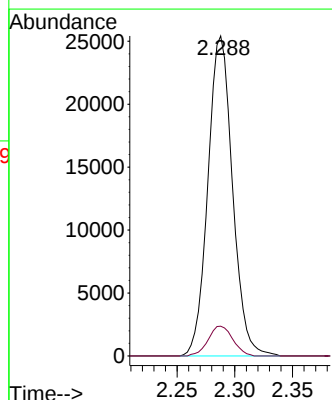
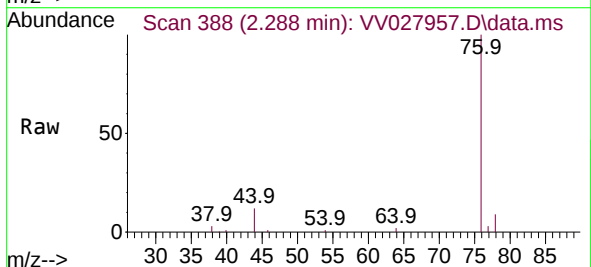
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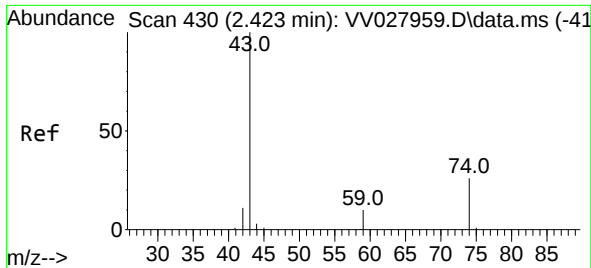
Tgt Ion: 76 Resp: 37684

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

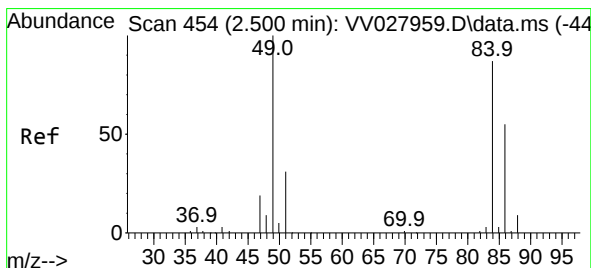
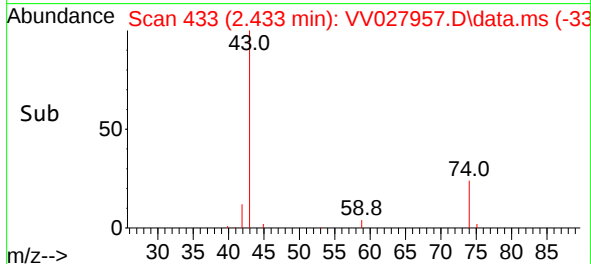
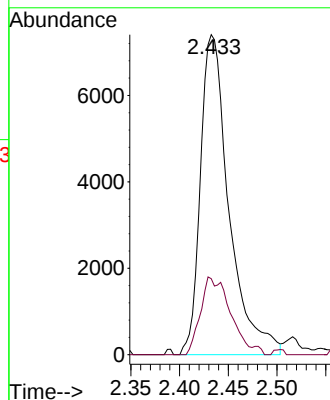
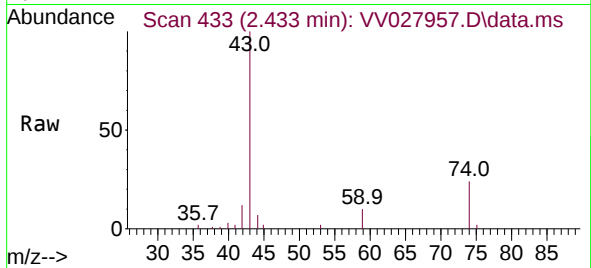




#15
Methyl Acetate
Concen: 4.300 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

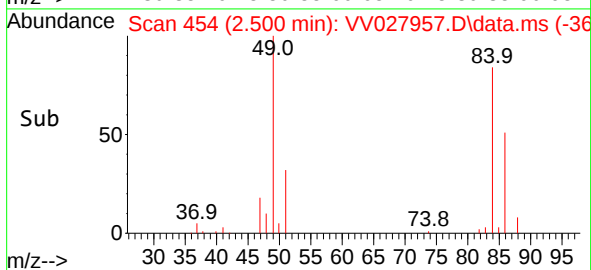
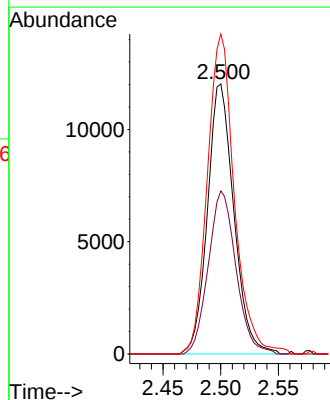
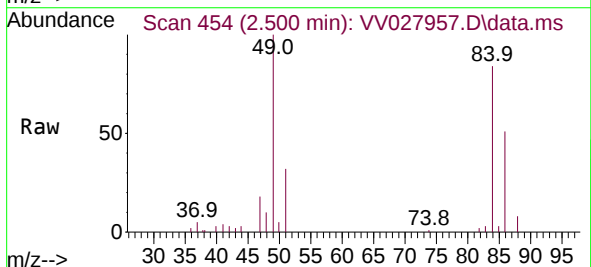
Instrument :
MSVOA_V
ClientSampleId :
VSTD005258

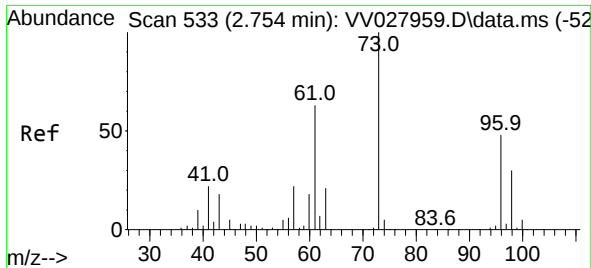
Tgt Ion: 43 Resp: 15122
Ion Ratio Lower Upper
43 100
74 12.2 20.9 31.3#



#16
Methylene chloride
Concen: 6.128 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Tgt Ion: 84 Resp: 19125
Ion Ratio Lower Upper
84 100
86 60.4 44.2 82.2
49 118.5 80.8 150.0

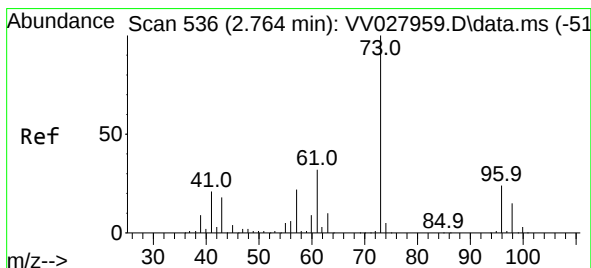
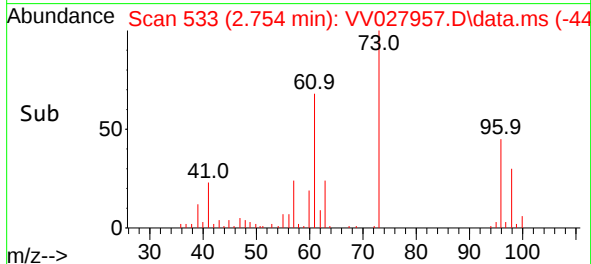
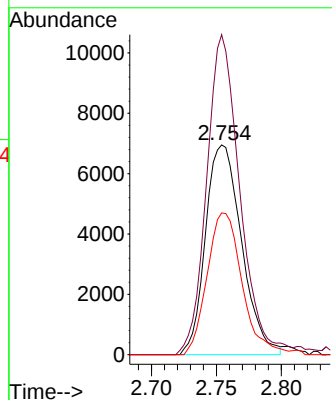
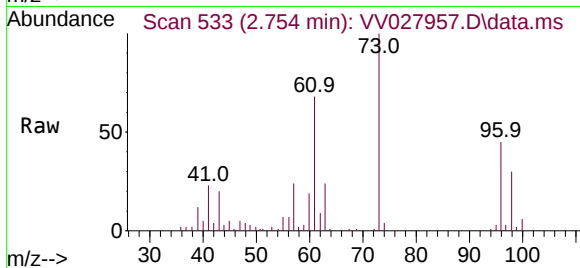




#17
trans-1,2-Dichloroethene
Concen: 5.167 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

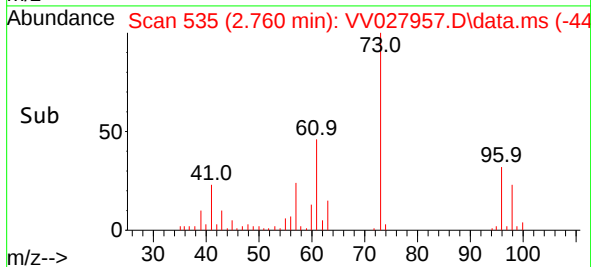
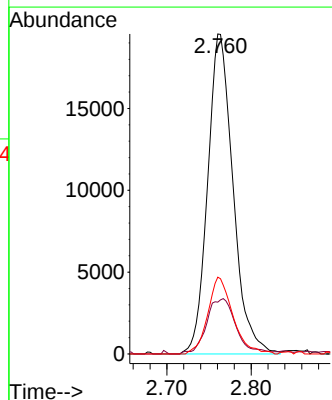
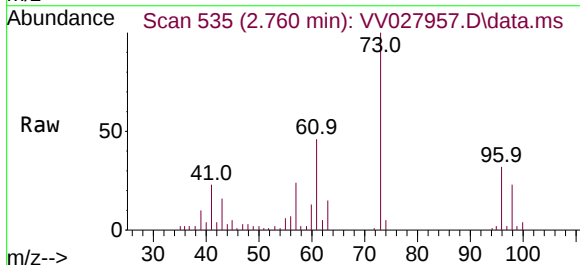
Instrument :
MSVOA_V
ClientSampleId :
VSTD005258

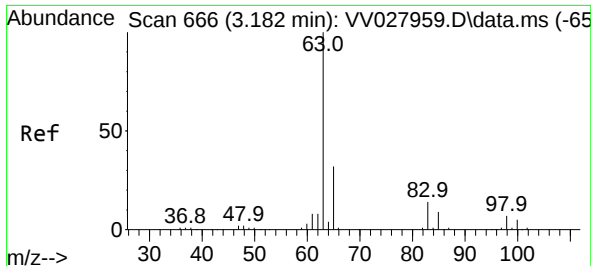
Tgt Ion: 96 Resp: 13444
Ion Ratio Lower Upper
96 100
61 152.5 92.3 171.5
98 67.5 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 5.257 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Tgt Ion: 73 Resp: 40973
Ion Ratio Lower Upper
73 100
43 7.7 14.5 21.7#
57 23.4 17.4 26.0





#19

1,1-Dichloroethane

Concen: 5.415 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005258

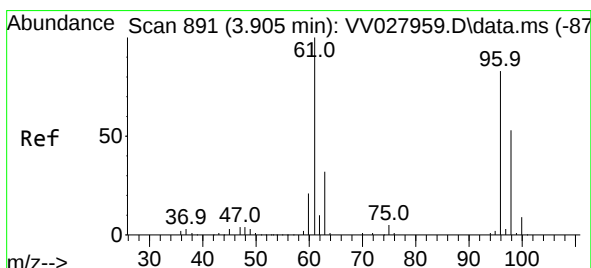
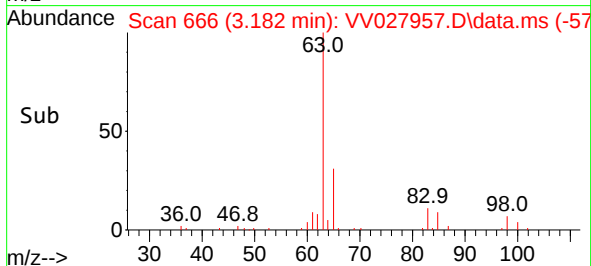
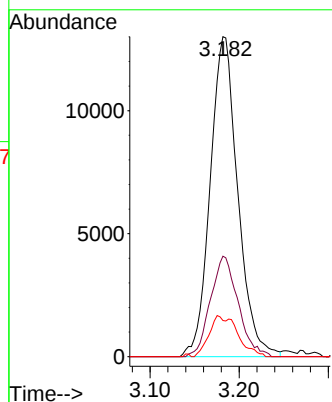
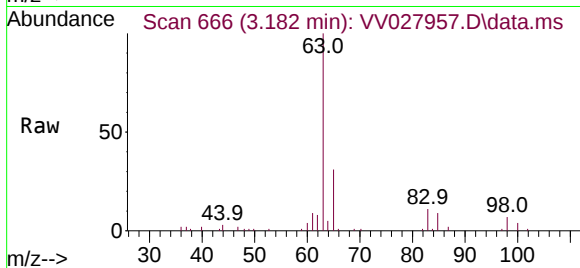
Tgt Ion: 63 Resp: 28037

Ion Ratio Lower Upper

63 100

65 31.4 22.5 41.7

83 11.3 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 5.325 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

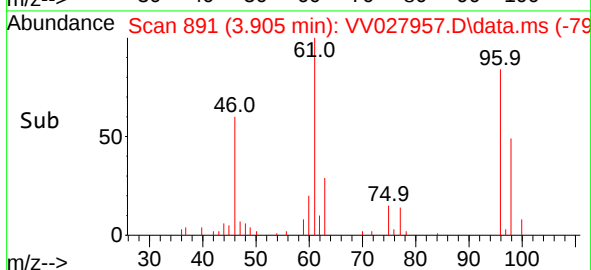
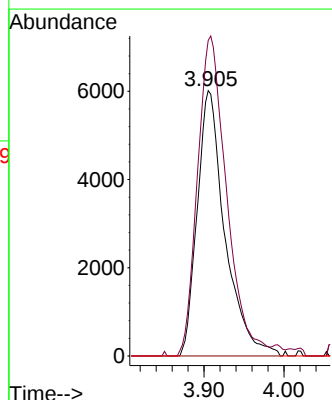
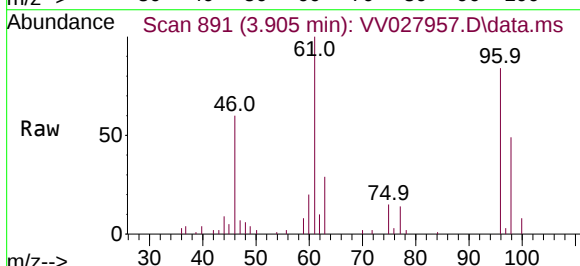
Tgt Ion: 96 Resp: 14494

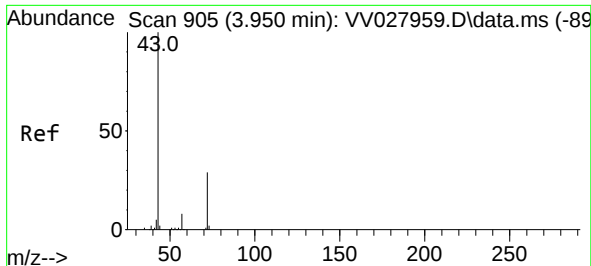
Ion Ratio Lower Upper

96 100

61 118.9 84.4 156.8

68 0.0 0.0 0.0

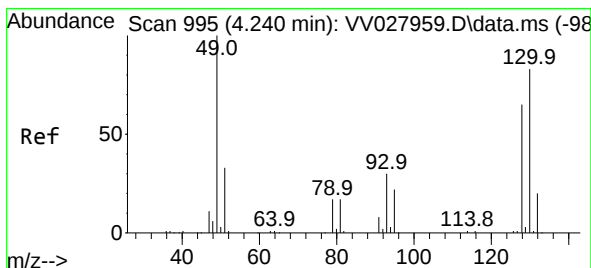
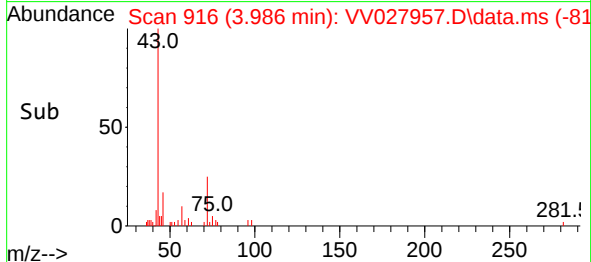
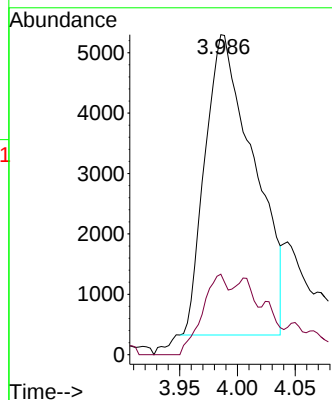
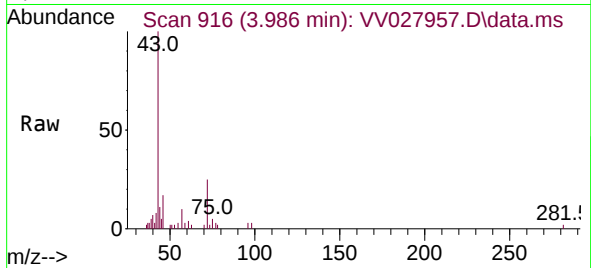




#22
2-Butanone
Concen: 6.889 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.035 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

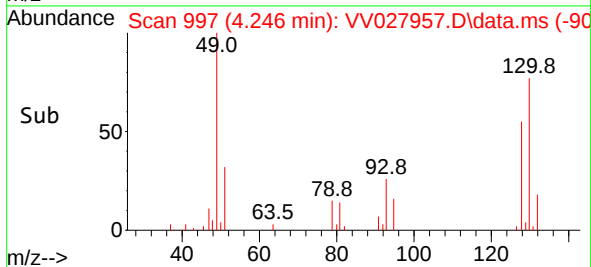
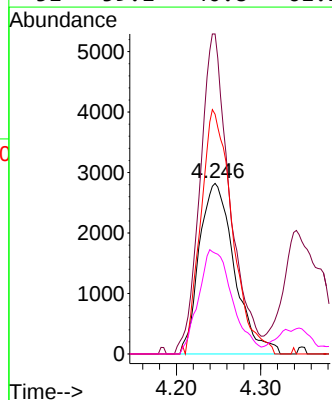
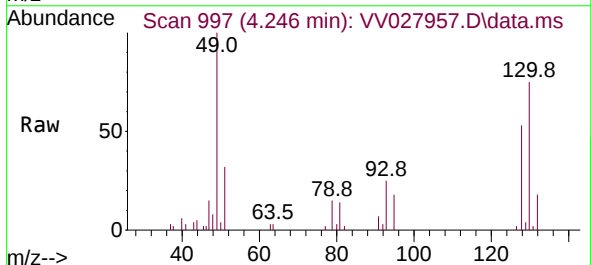
Instrument :
MSVOA_V
ClientSampleId :
VSTD005258

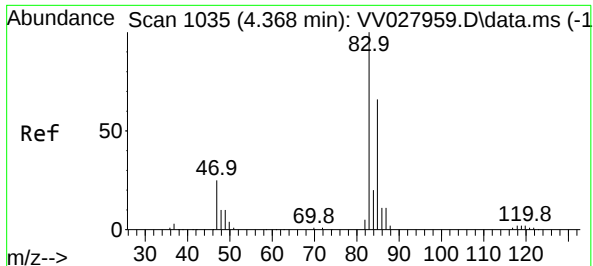
Tgt Ion: 43 Resp: 14575
Ion Ratio Lower Upper
43 100
72 13.7 13.5 40.4



#23
Bromochloromethane
Concen: 5.370 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.006 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Tgt Ion: 128 Resp: 8171
Ion Ratio Lower Upper
128 100
49 187.6 107.0 198.6
130 140.6 88.3 164.1
51 59.1 40.8 61.2





#25

Chloroform

Concen: 5.372 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

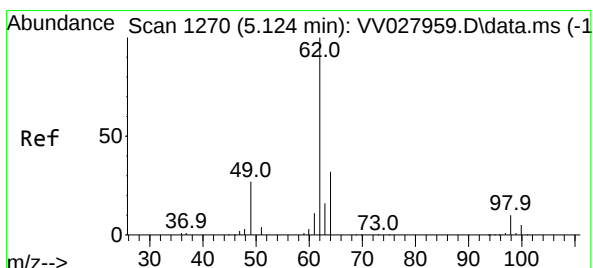
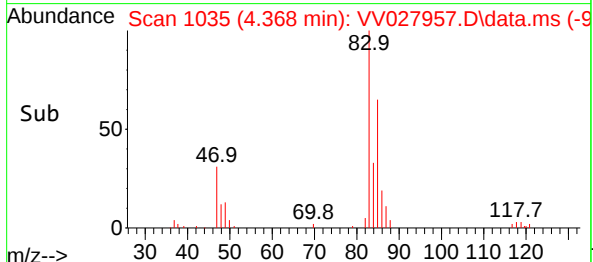
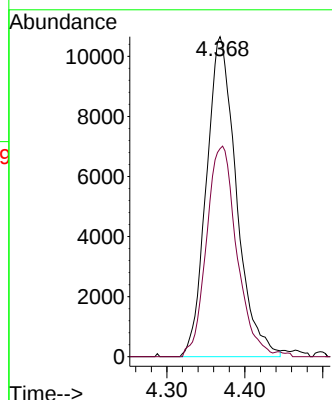
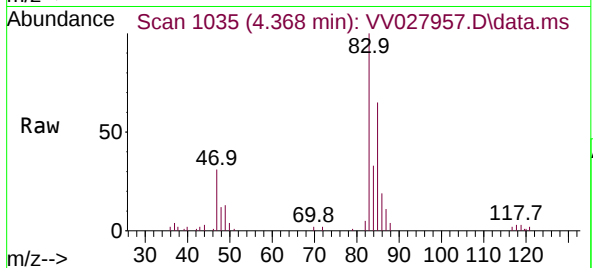
VSTD005258

Tgt Ion: 83 Resp: 28473

Ion Ratio Lower Upper

83 100

85 65.0 46.3 85.9



#27

1,2-Dichloroethane

Concen: 5.159 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV027957.D

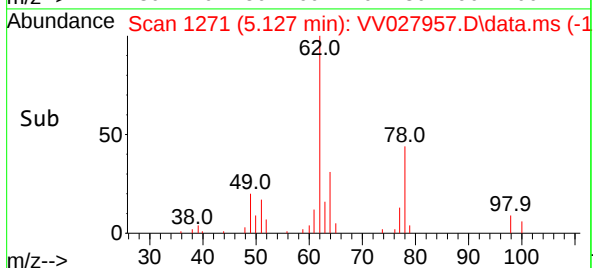
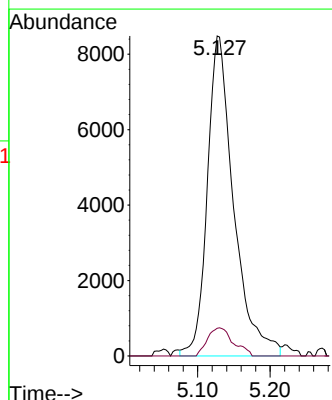
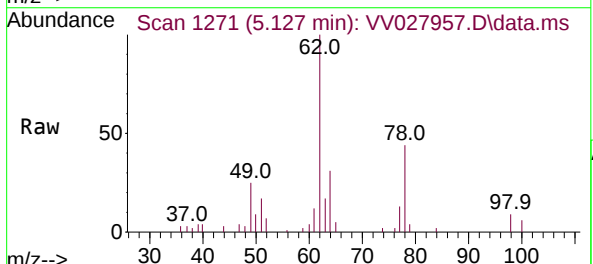
Acq: 20 Sep 2022 12:29

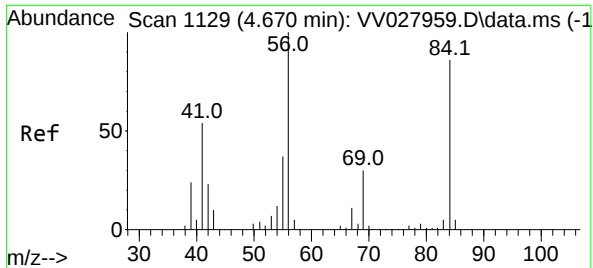
Tgt Ion: 62 Resp: 21392

Ion Ratio Lower Upper

62 100

98 8.7 7.6 11.4

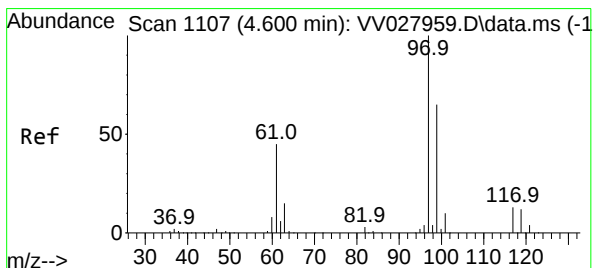
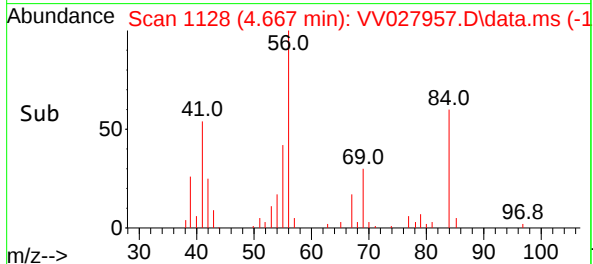
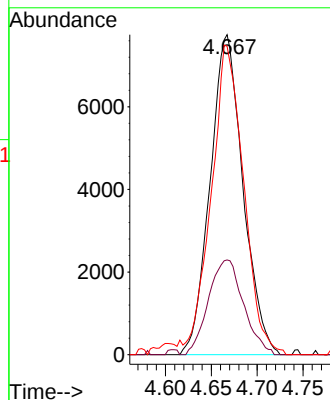
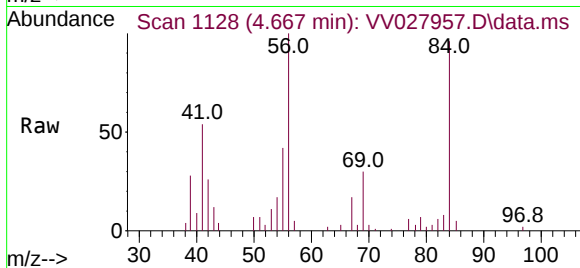




#29
Cyclohexane
Concen: 4.778 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. -0.003 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

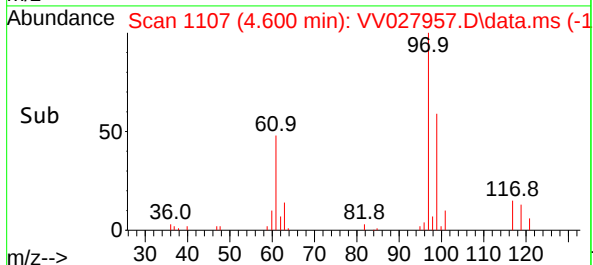
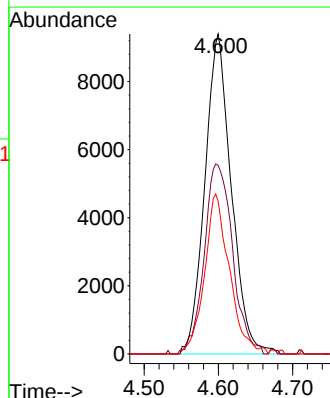
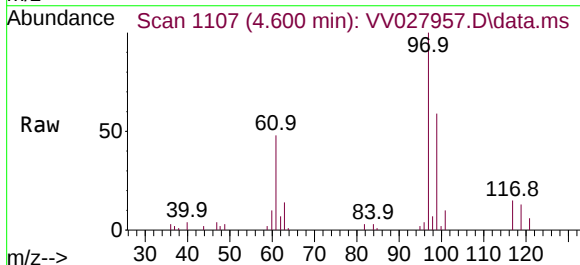
Instrument :
MSVOA_V
ClientSampleId :
VSTD005258

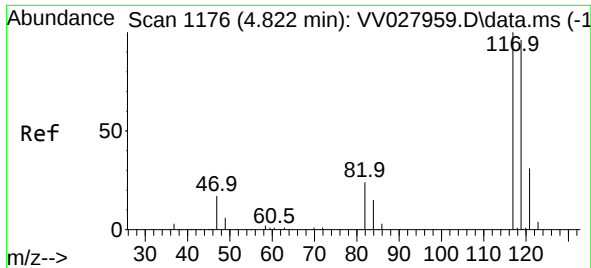
Tgt Ion:	56	Resp:	19336
Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.6	36.8
84	95.1	69.0	103.6



#30
1,1,1-Trichloroethane
Concen: 5.035 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Tgt Ion:	97	Resp:	23301
Ion	Ratio	Lower	Upper
97	100		
99	61.0	51.4	77.0
61	46.6	35.2	52.8

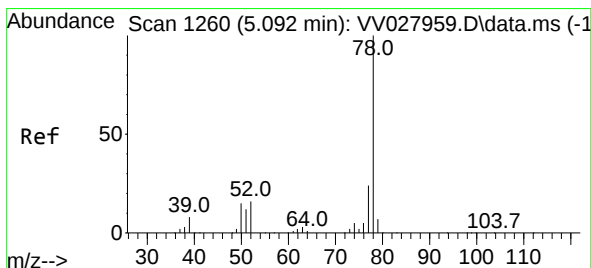
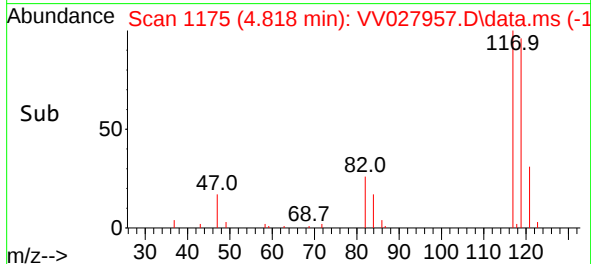
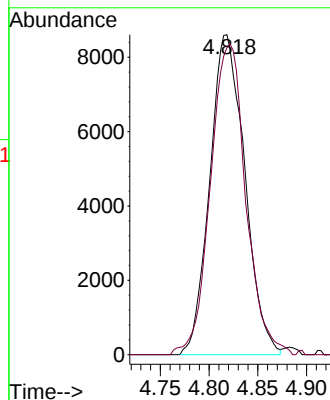
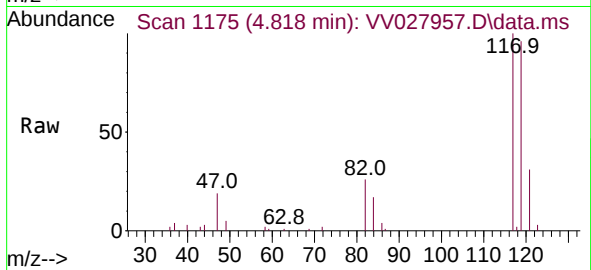




#31
Carbon tetrachloride
Concen: 5.324 ug/L
RT: 4.818 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

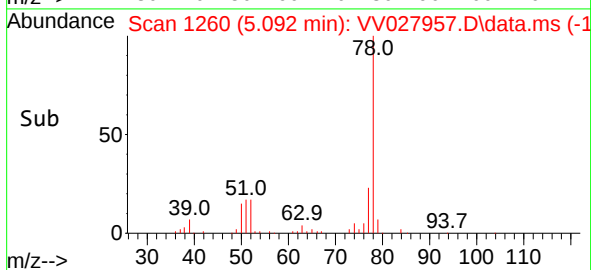
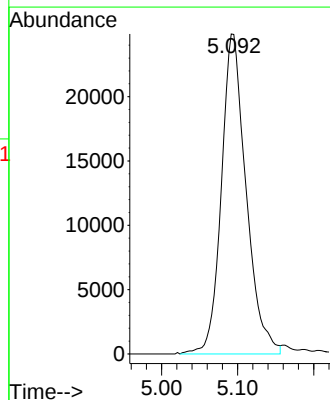
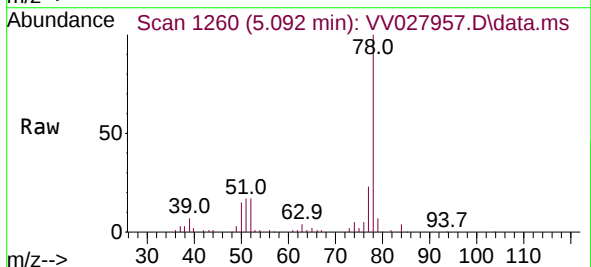
Instrument :
MSVOA_V
ClientSampleId :
VSTD005258

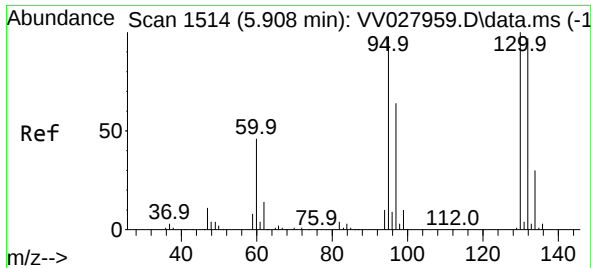
Tgt Ion:117 Resp: 21481
Ion Ratio Lower Upper
117 100
119 98.2 75.6 113.4



#33
Benzene
Concen: 5.043 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Tgt Ion: 78 Resp: 56221



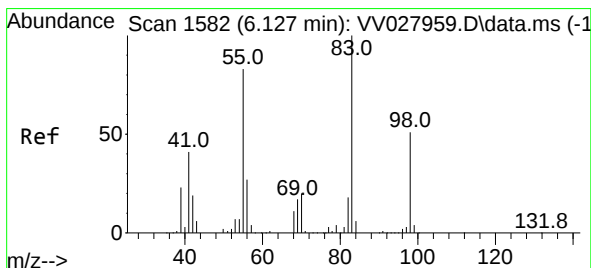
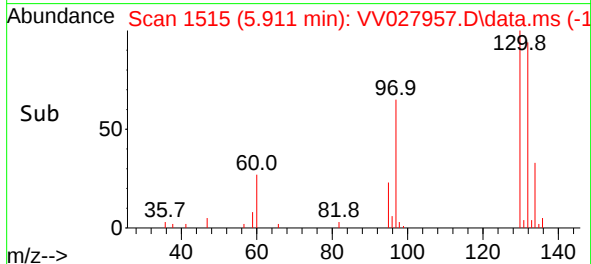
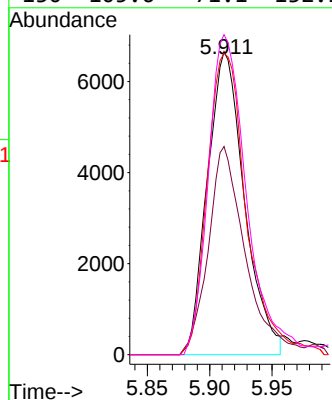
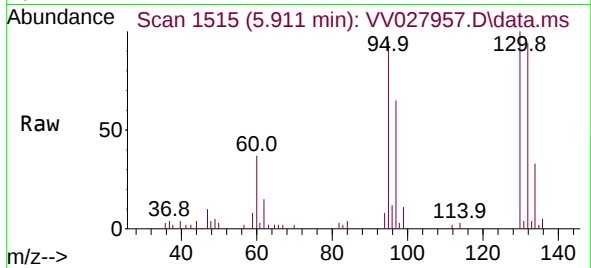


#34
 Trichloroethene
 Concen: 4.852 ug/L
 RT: 5.911 min Scan# 1515
 Delta R.T. 0.003 min
 Lab File: VV027957.D
 Acq: 20 Sep 2022 12:29

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005258

Tgt Ion: 95 Resp: 13741

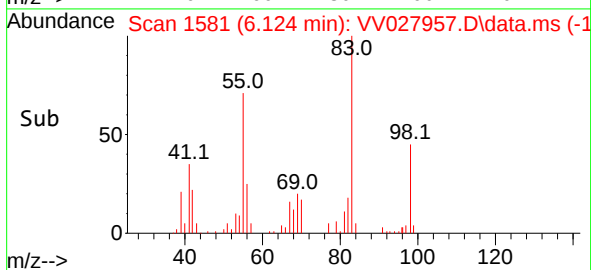
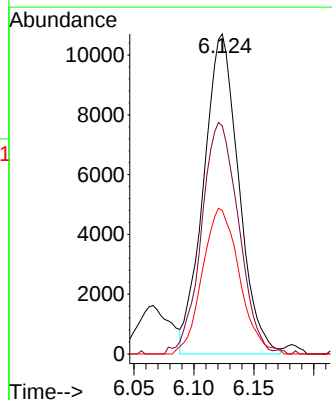
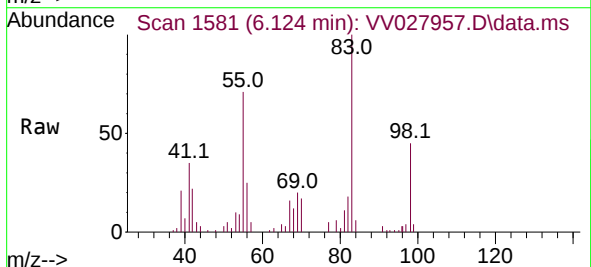
Ion	Ratio	Lower	Upper
95	100		
97	68.7	45.4	84.2
132	99.4	69.2	128.6
130	105.6	71.1	132.1

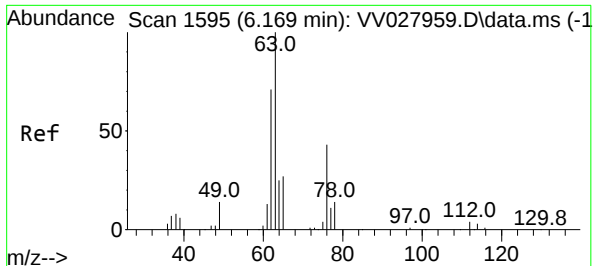


#35
 Methylcyclohexane
 Concen: 5.171 ug/L
 RT: 6.124 min Scan# 1581
 Delta R.T. -0.003 min
 Lab File: VV027957.D
 Acq: 20 Sep 2022 12:29

Tgt Ion: 83 Resp: 21769

Ion	Ratio	Lower	Upper
83	100		
55	76.0	63.0	94.4
98	48.0	39.5	59.3





#37

1,2-Dichloropropane

Concen: 4.488 ug/L

RT: 6.169 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

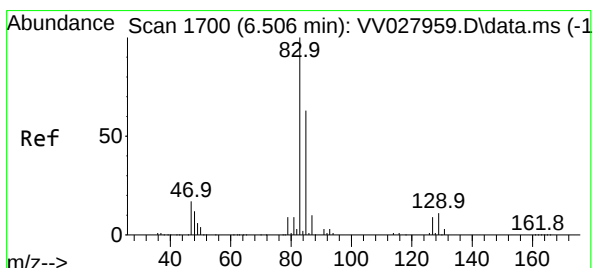
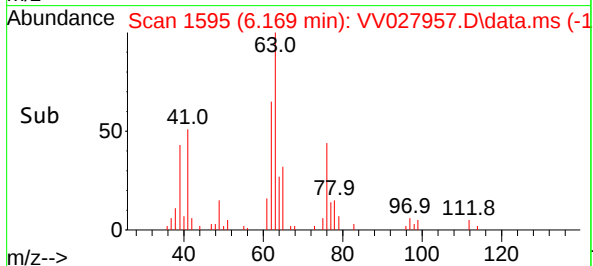
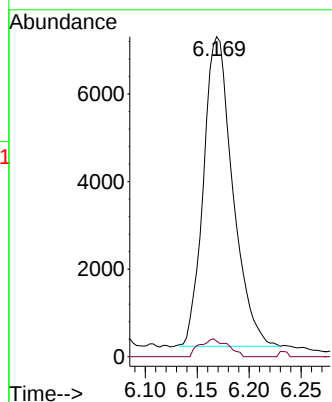
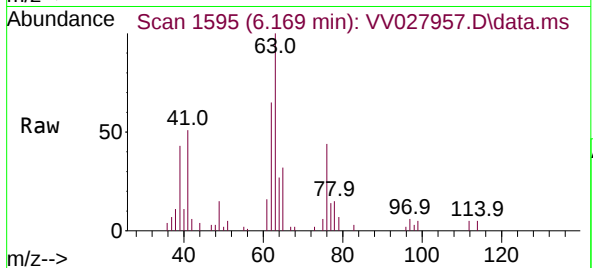
VSTD005258

Tgt Ion: 63 Resp: 13878

Ion Ratio Lower Upper

63 100

112 3.8 3.4 5.0



#38

Bromodichloromethane

Concen: 5.173 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

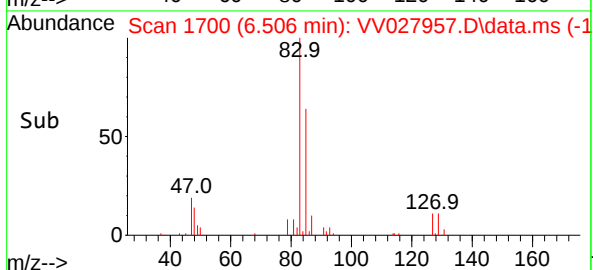
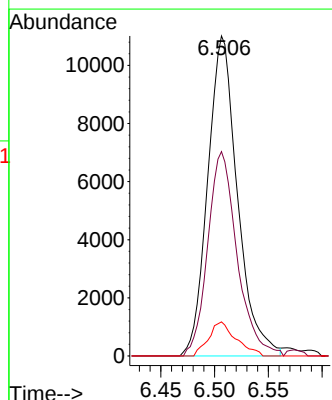
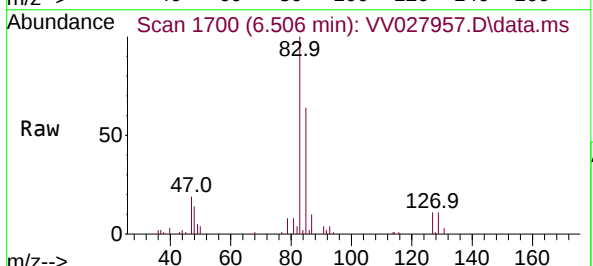
Tgt Ion: 83 Resp: 21159

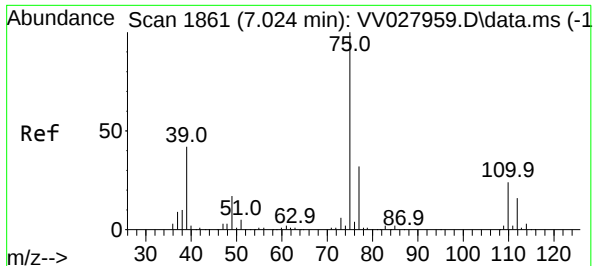
Ion Ratio Lower Upper

83 100

85 63.9 44.2 82.0

127 10.7 6.8 10.2#





#39

cis-1,3-Dichloropropene

Concen: 4.983 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. 0.006 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

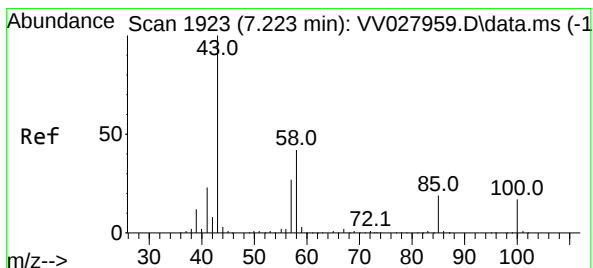
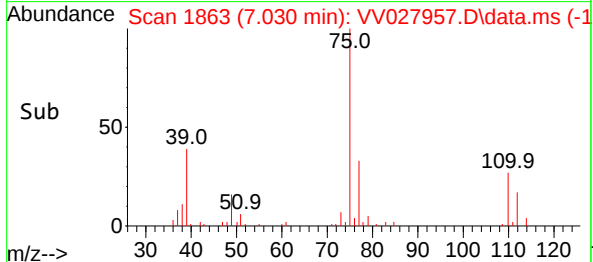
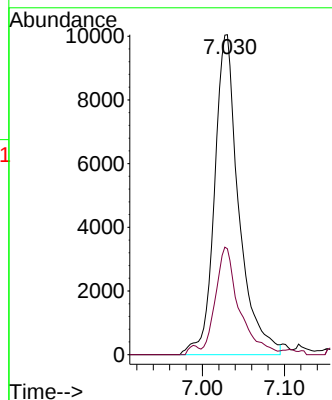
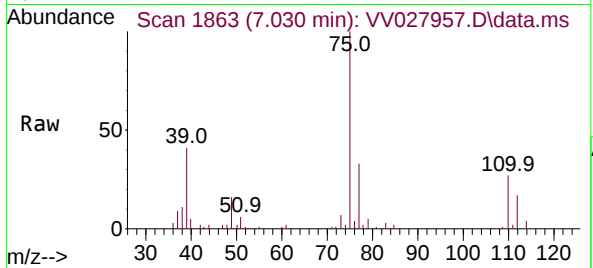
VSTD005258

Tgt Ion: 75 Resp: 20761

Ion Ratio Lower Upper

75 100

77 33.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 7.939 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

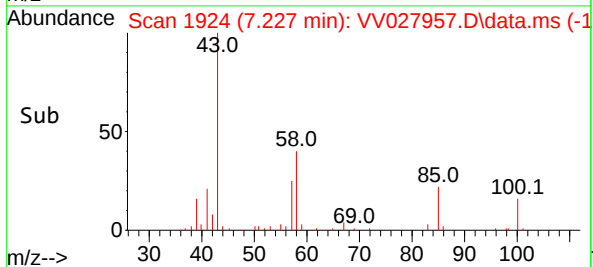
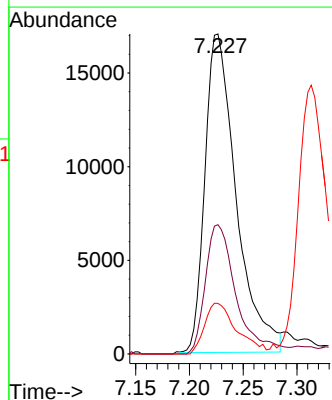
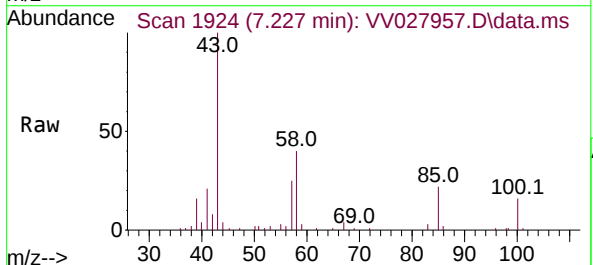
Tgt Ion: 43 Resp: 34434

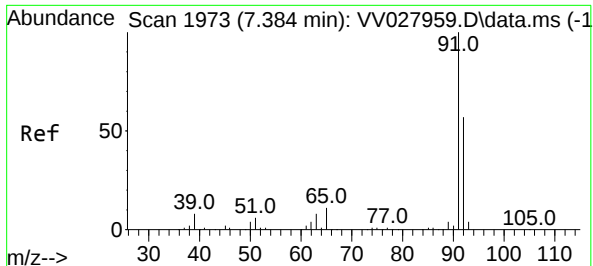
Ion Ratio Lower Upper

43 100

58 38.1 33.0 49.4

100 16.0 13.3 19.9

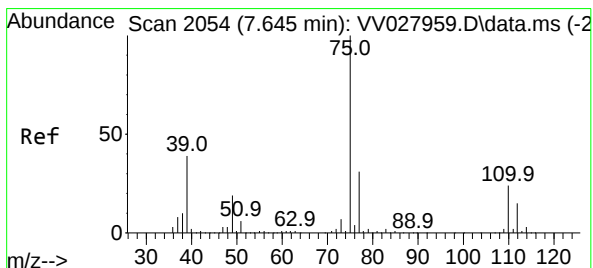
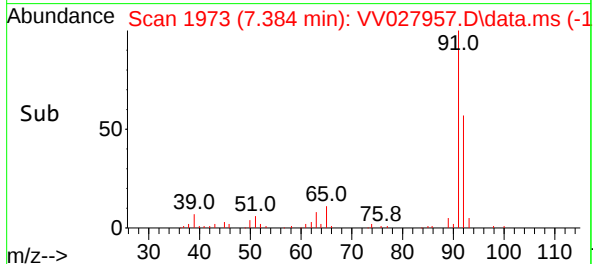
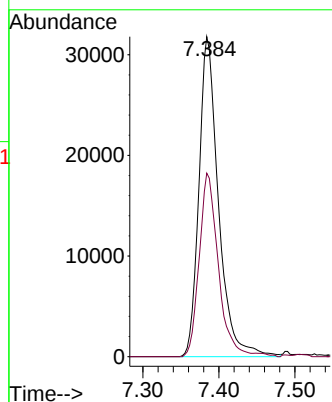
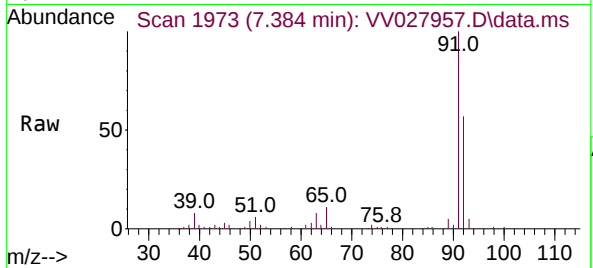




#42
Toluene
Concen: 5.049 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

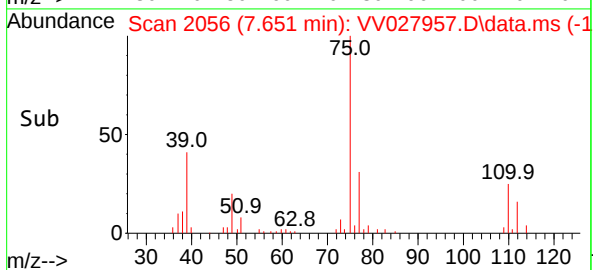
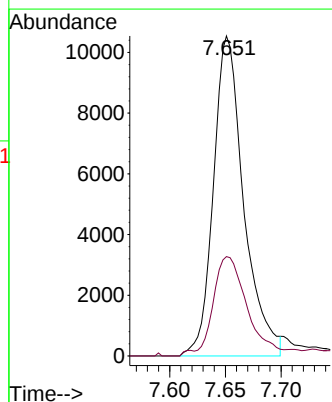
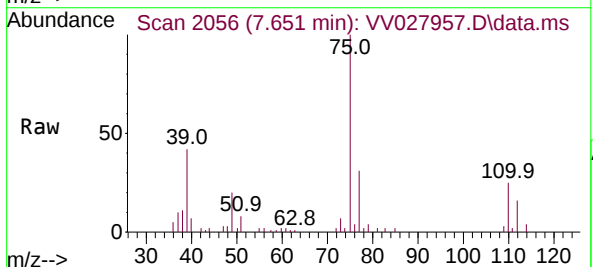
Instrument :
MSVOA_V
ClientSampleId :
VSTD005258

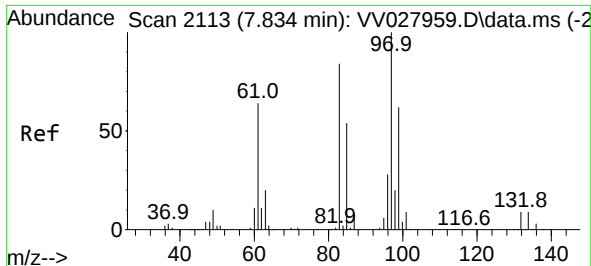
Tgt Ion: 91 Resp: 56788
Ion Ratio Lower Upper
91 100
92 57.4 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 4.844 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Tgt Ion: 75 Resp: 19940
Ion Ratio Lower Upper
75 100
77 31.0 21.4 39.8

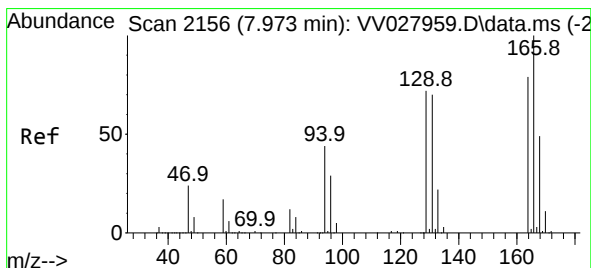
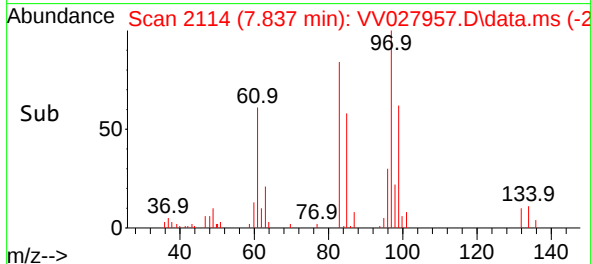
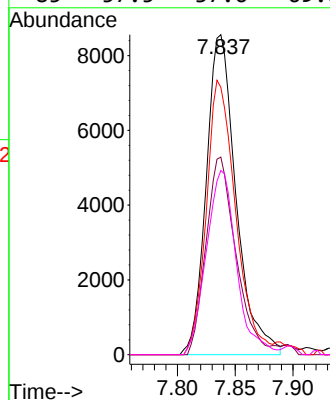
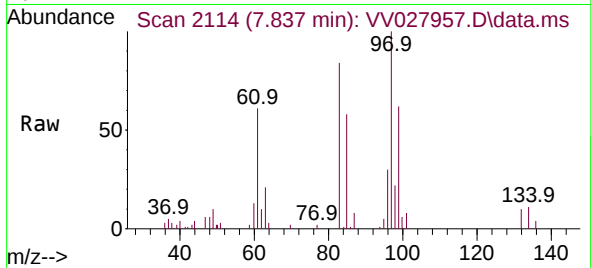




#45
1,1,2-Trichloroethane
Concen: 5.139 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

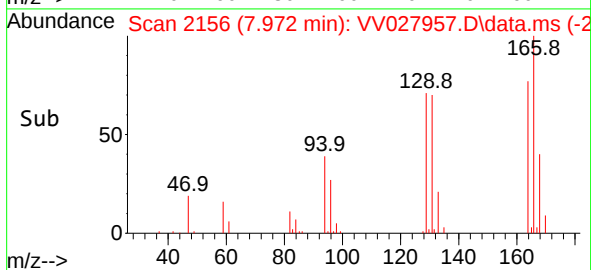
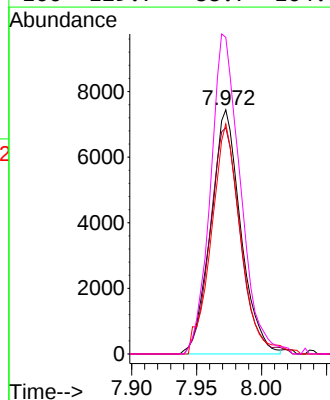
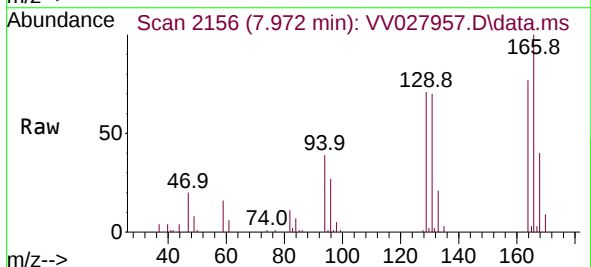
Instrument :
MSVOA_V
ClientSampleId :
VSTD005258

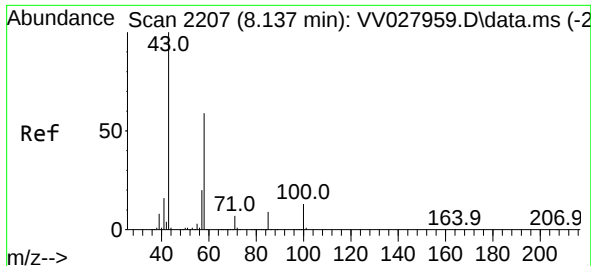
Tgt Ion:	97	Resp:	15393
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.8	81.3
83	83.6	58.7	109.1
85	57.5	37.6	69.8



#46
Tetrachloroethene
Concen: 5.643 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Tgt Ion:	164	Resp:	11932
Ion	Ratio	Lower	Upper
164	100		
129	95.3	64.3	119.3
131	94.2	62.6	116.2
166	129.7	88.7	164.7

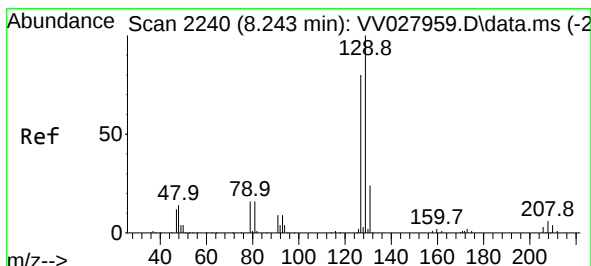
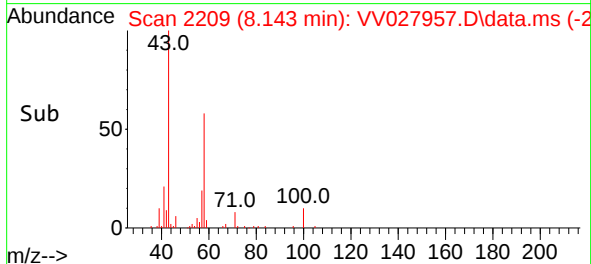
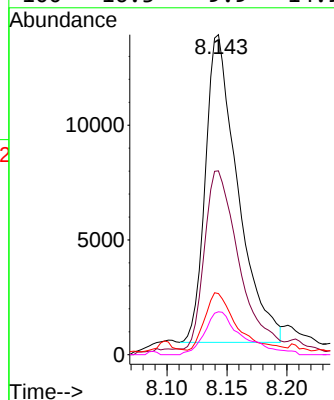
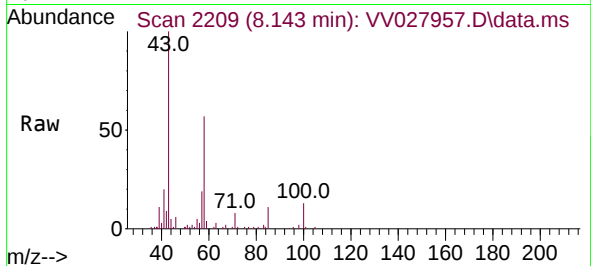




#48
2-Hexanone
Concen: 7.217 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

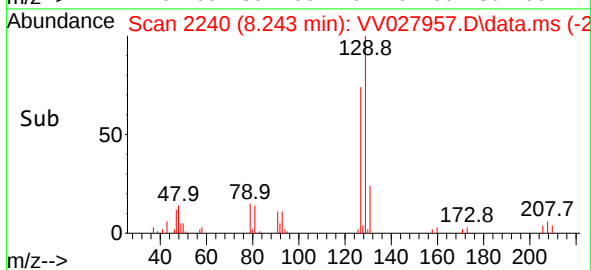
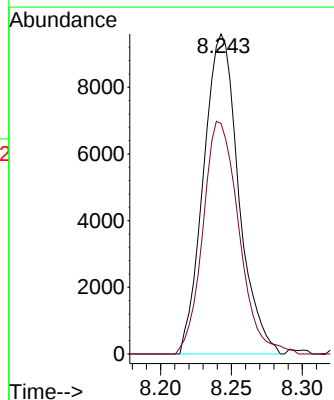
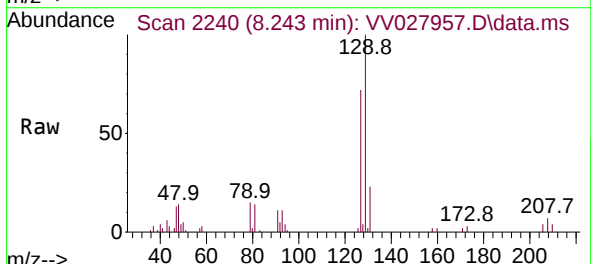
Instrument :
MSVOA_V
ClientSampleId :
VSTD005258

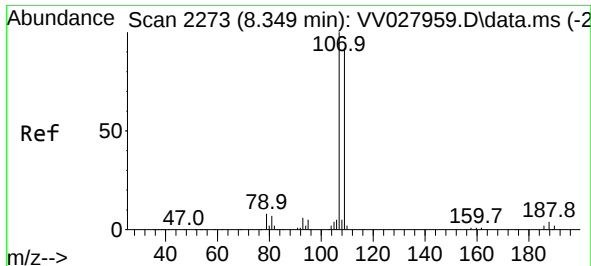
Tgt Ion: 43	Resp: 25153
Ion Ratio	Lower Upper
43 100	
58 64.4	45.6 68.4
57 20.3	15.0 22.6
100 16.3	9.9 14.9#



#49
Dibromochloromethane
Concen: 5.211 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Tgt Ion:129	Resp:	16573	
Ion	Ratio	Lower	Upper
129	100		
127	76.0	56.3	104.5





#50

1,2-Dibromoethane

Concen: 4.940 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005258

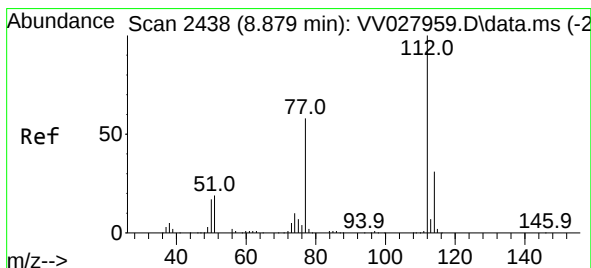
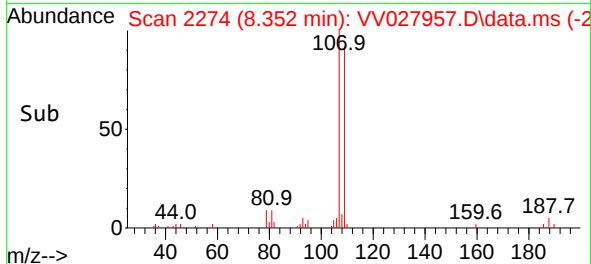
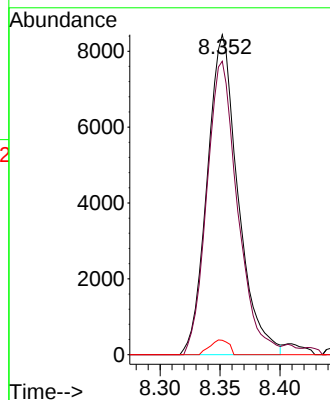
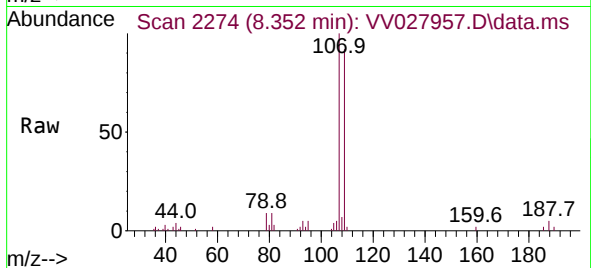
Tgt Ion:107 Resp: 15134

Ion Ratio Lower Upper

107 100

109 91.7 64.4 119.6

188 4.5 3.0 4.4#



#51

Chlorobenzene

Concen: 5.353 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

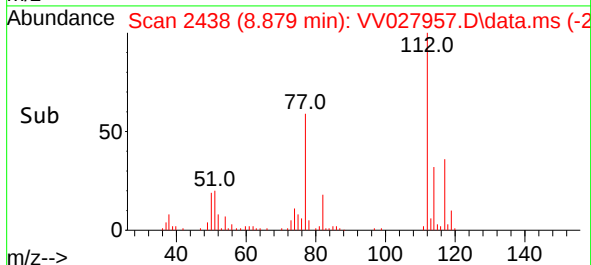
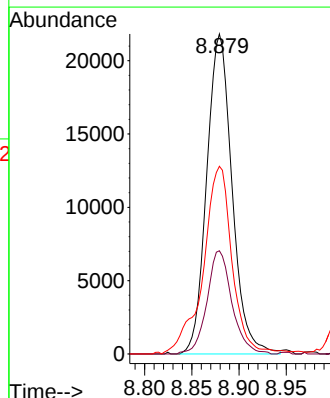
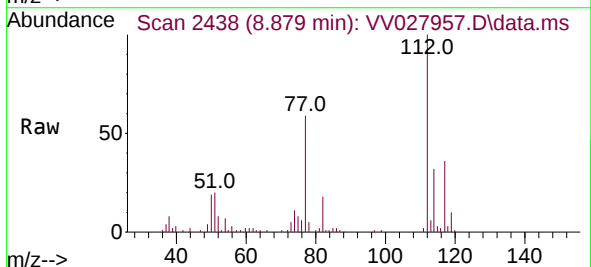
Tgt Ion:112 Resp: 40761

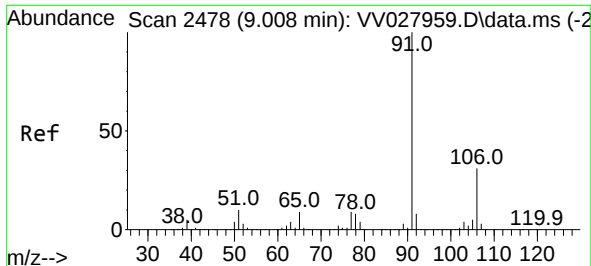
Ion Ratio Lower Upper

112 100

114 32.3 21.9 40.7

77 58.7 46.8 70.2





#52

Ethylbenzene

Concen: 5.071 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. -0.000 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

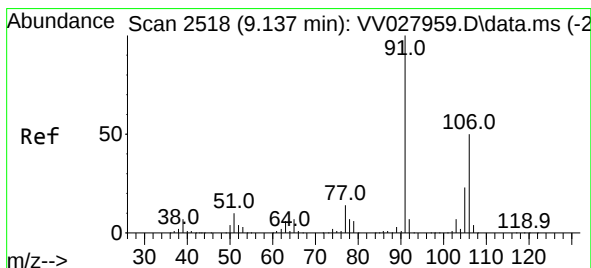
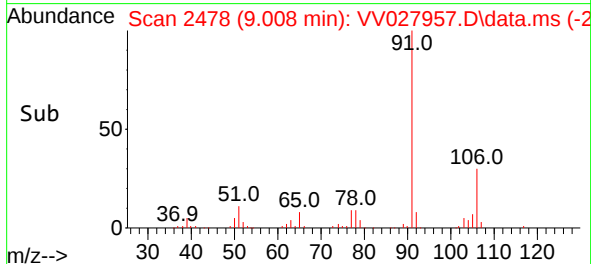
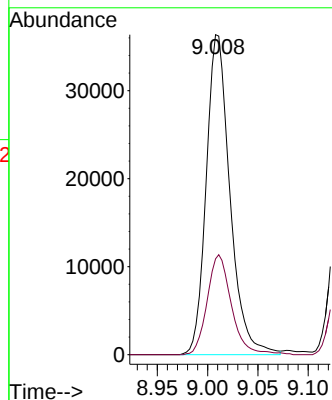
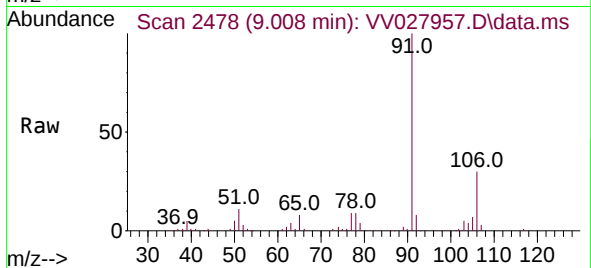
VSTD005258

Tgt Ion: 91 Resp: 59819

Ion Ratio Lower Upper

91 100

106 30.0 21.3 39.6



#53

m,p-Xylene

Concen: 5.010 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027957.D

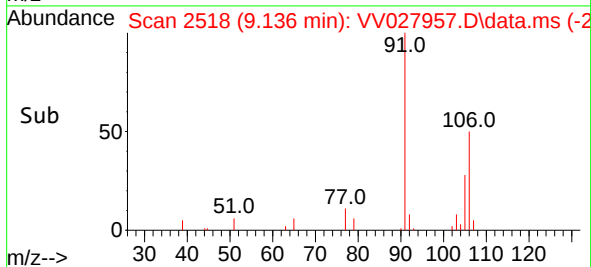
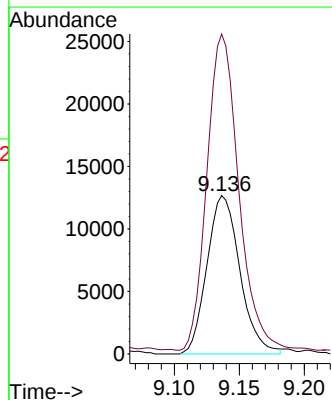
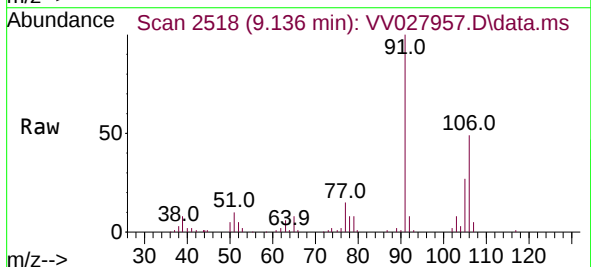
Acq: 20 Sep 2022 12:29

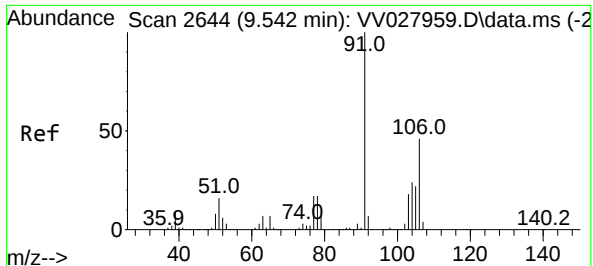
Tgt Ion: 106 Resp: 22362

Ion Ratio Lower Upper

106 100

91 202.1 139.8 259.6

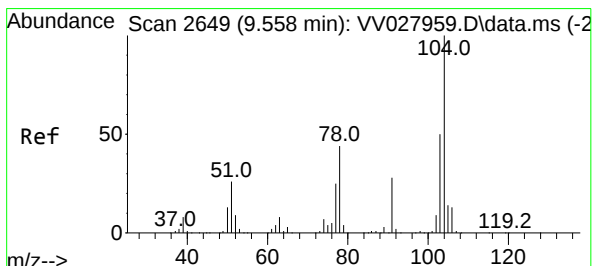
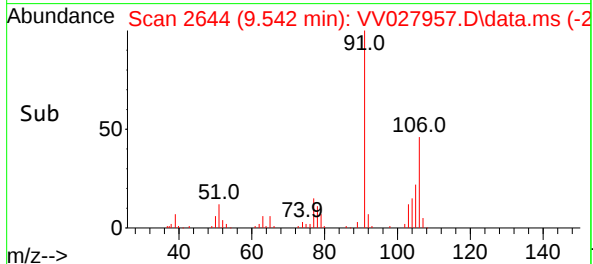
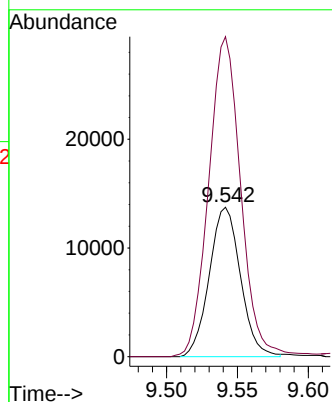
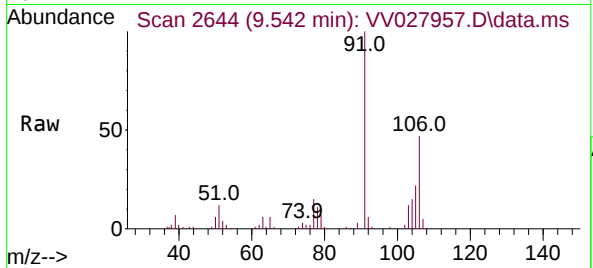




#54
o-Xylene
Concen: 4.839 ug/L
RT: 9.542 min Scan# 21059
Delta R.T. -0.000 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

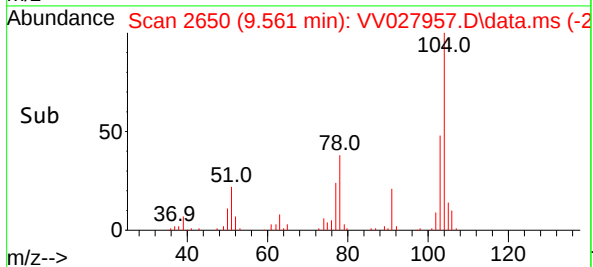
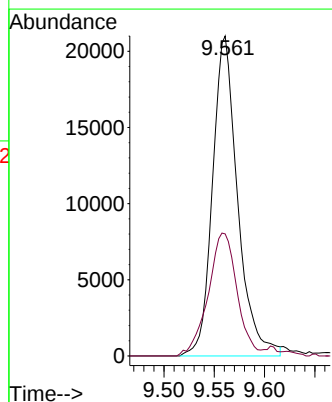
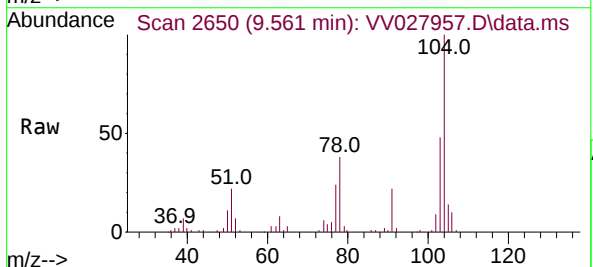
Instrument :
MSVOA_V
ClientSampleId :
VSTD005258

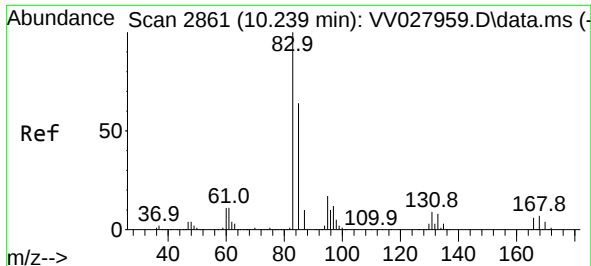
Tgt Ion:106 Resp: 21059
Ion Ratio Lower Upper
106 100
91 214.0 151.1 280.5



#55
Styrene
Concen: 4.799 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Tgt Ion:104 Resp: 36523
Ion Ratio Lower Upper
104 100
78 38.1 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.887 ug/L

RT: 10.236 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005258

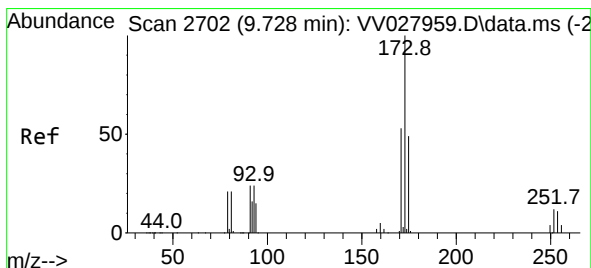
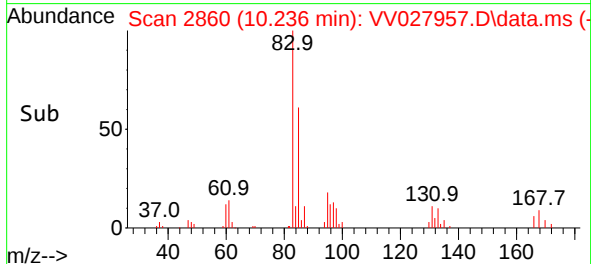
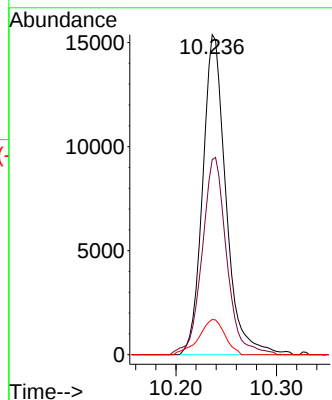
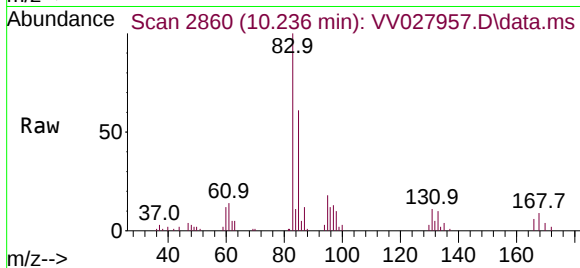
Tgt Ion: 83 Resp: 24654

Ion Ratio Lower Upper

83 100

85 61.0 45.1 83.9

131 11.0 7.7 11.5



#59

Bromoform

Concen: 5.320 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

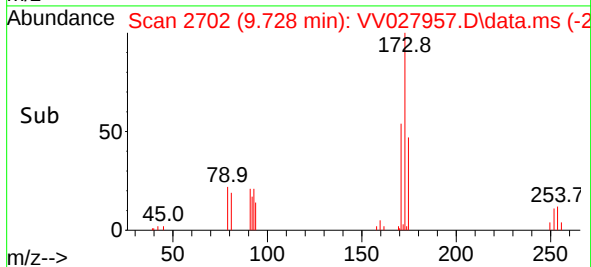
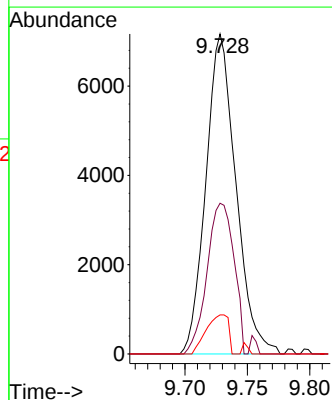
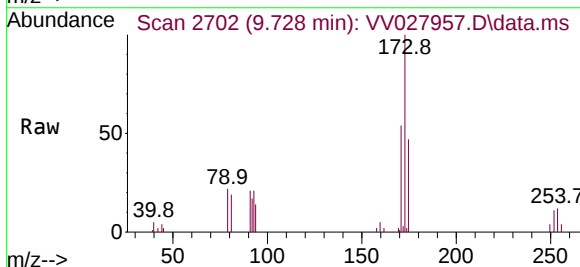
Tgt Ion: 173 Resp: 12023

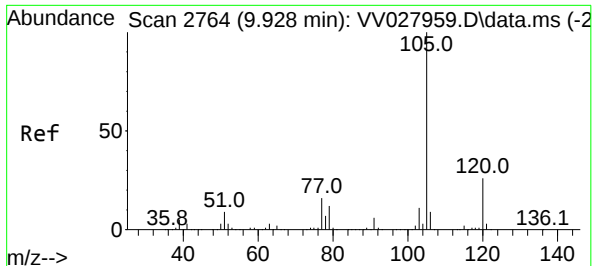
Ion Ratio Lower Upper

173 100

175 42.1 39.7 59.5

254 9.0 7.4 11.2

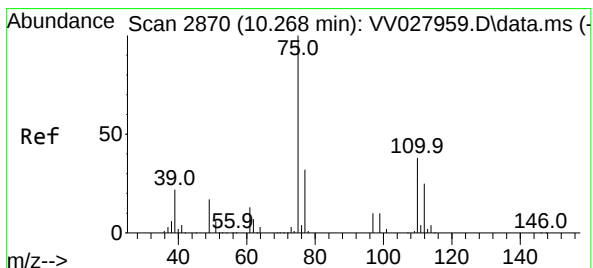
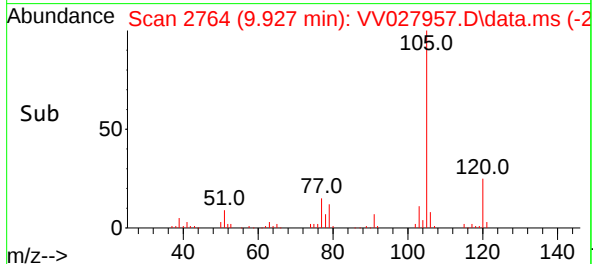
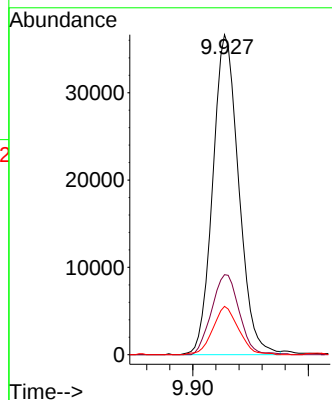
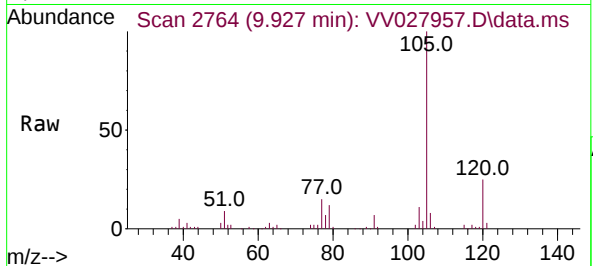




#60
Isopropylbenzene
Concen: 4.828 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

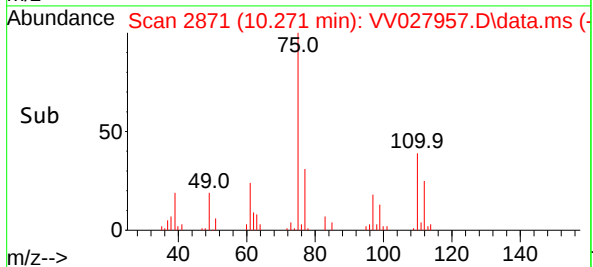
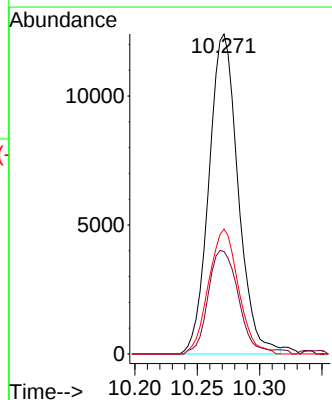
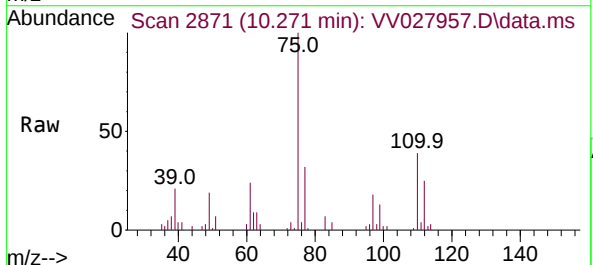
Instrument :
MSVOA_V
ClientSampleId :
VSTD005258

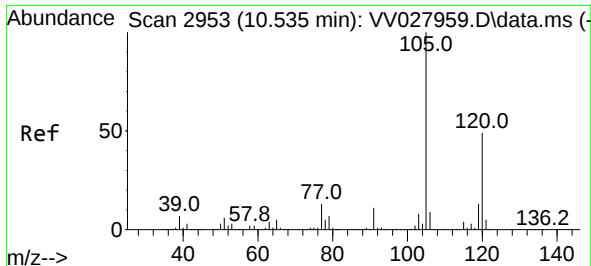
Tgt Ion:105 Resp: 57239
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2
77 14.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.759 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Tgt Ion: 75 Resp: 20267
Ion Ratio Lower Upper
75 100
77 33.4 25.9 38.9
110 39.8 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 4.806 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

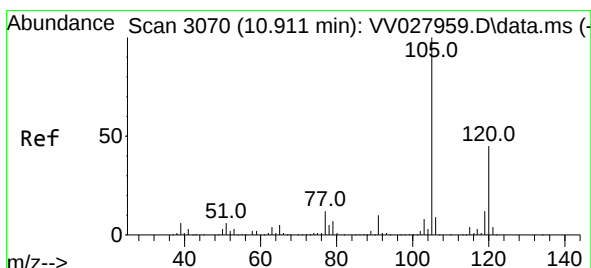
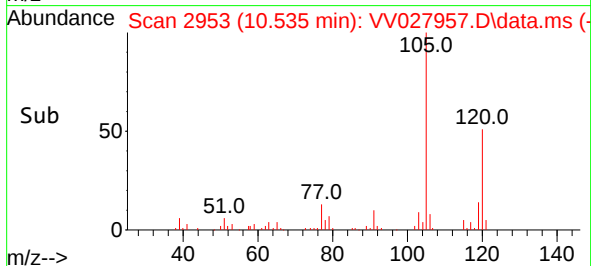
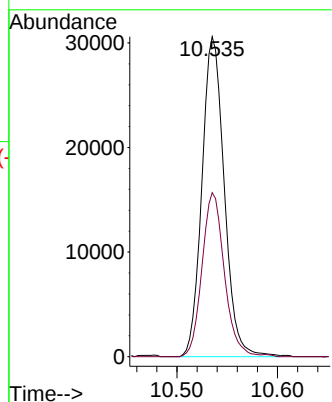
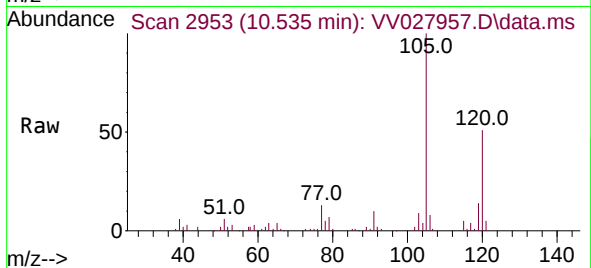
VSTD005258

Tgt Ion:105 Resp: 47228

Ion Ratio Lower Upper

105 100

120 51.1 40.2 60.2



#63

1,2,4-Trimethylbenzene

Concen: 4.703 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV027957.D

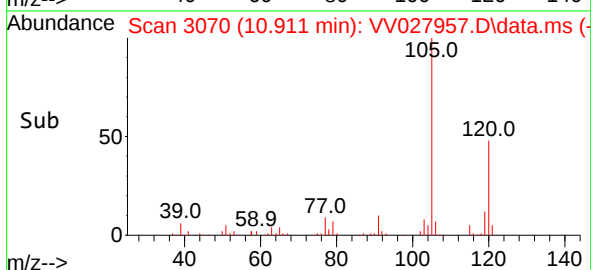
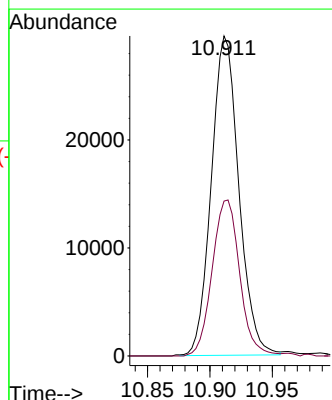
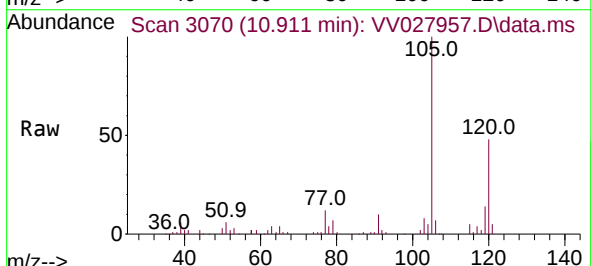
Acq: 20 Sep 2022 12:29

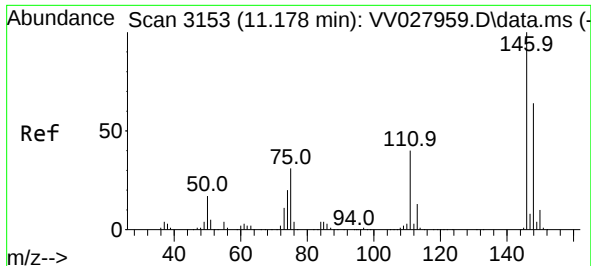
Tgt Ion:105 Resp: 45487

Ion Ratio Lower Upper

105 100

120 48.8 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 5.420 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.000 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005258

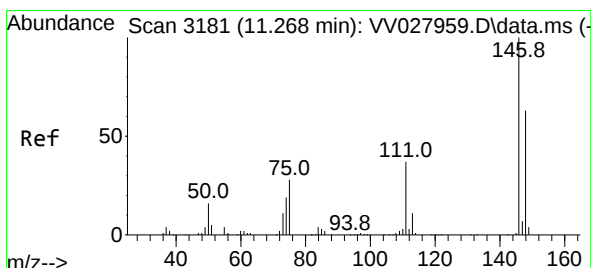
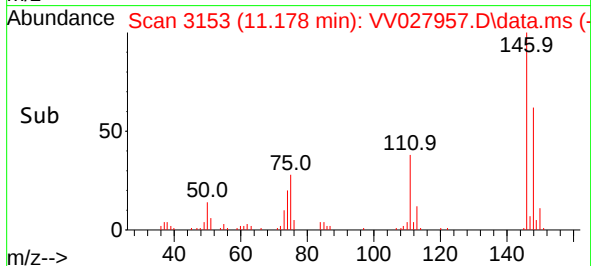
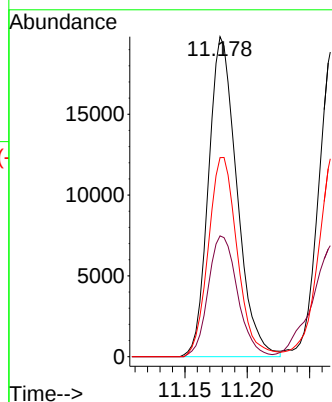
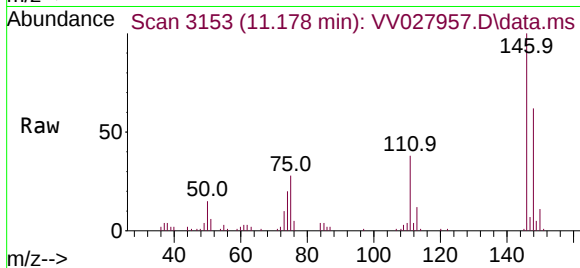
Tgt Ion:146 Resp: 31389

Ion Ratio Lower Upper

146 100

111 37.8 28.2 52.4

148 62.2 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 5.322 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. -0.000 min

Lab File: VV027957.D

Acq: 20 Sep 2022 12:29

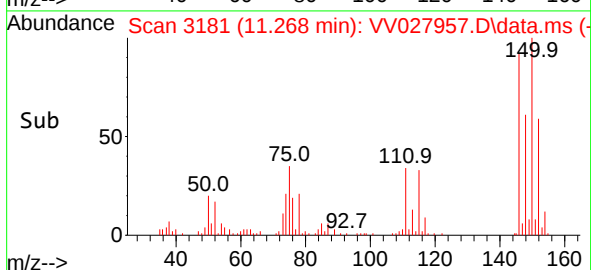
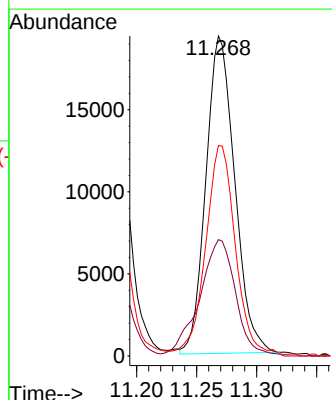
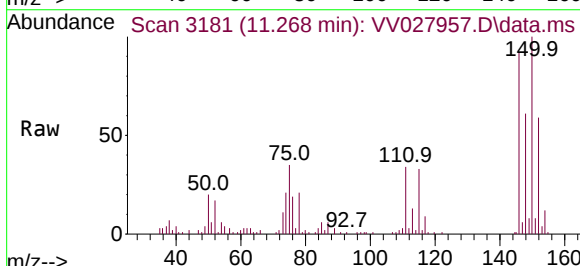
Tgt Ion:146 Resp: 32321

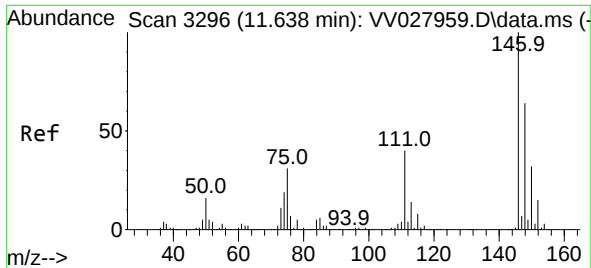
Ion Ratio Lower Upper

146 100

111 36.3 26.0 48.2

148 65.8 43.9 81.5

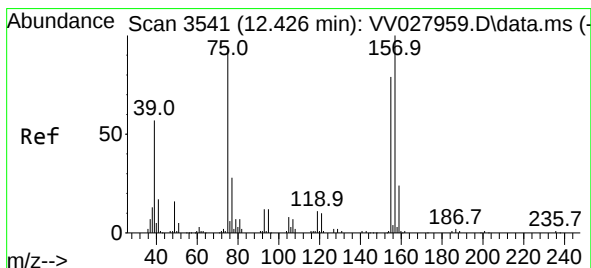
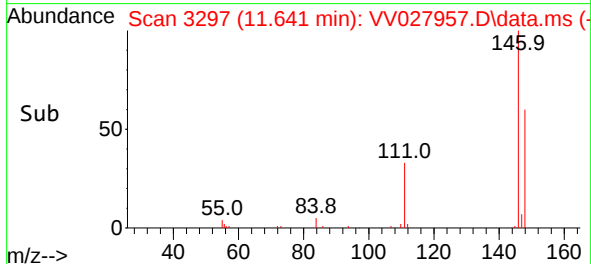
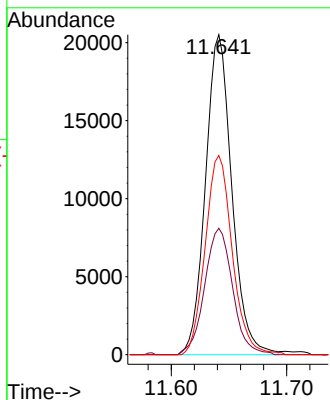
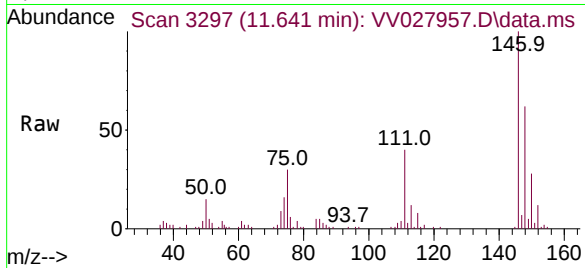




#67
1,2-Dichlorobenzene
Concen: 5.427 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.003 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

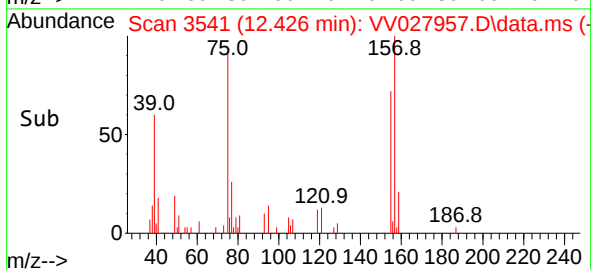
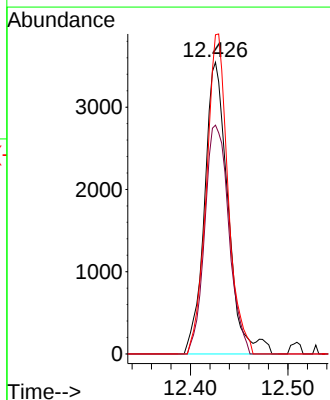
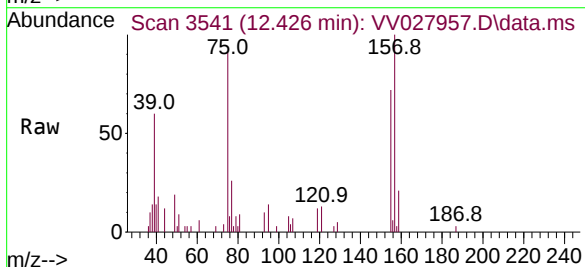
Instrument :
MSVOA_V
ClientSampleId :
VSTD005258

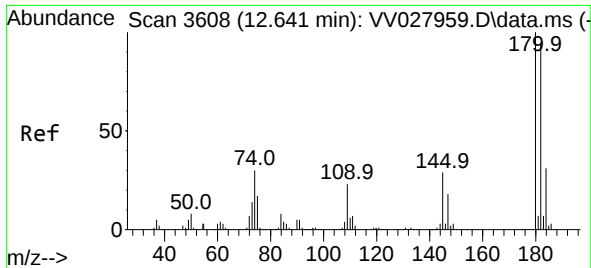
Tgt Ion:146 Resp: 32586
Ion Ratio Lower Upper
146 100
111 39.5 32.3 48.5
148 62.2 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.918 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Tgt Ion: 75 Resp: 5933
Ion Ratio Lower Upper
75 100
155 78.4 68.3 102.5
157 109.4 86.2 129.2

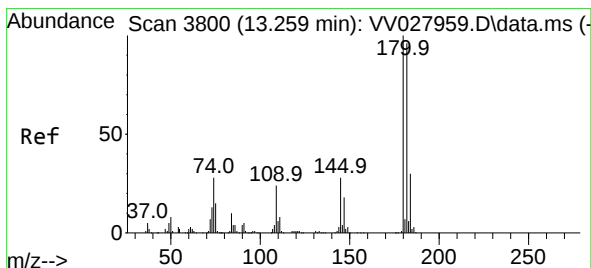
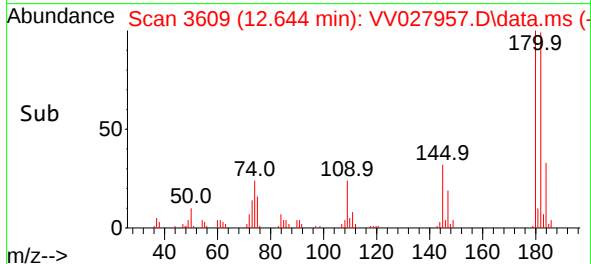
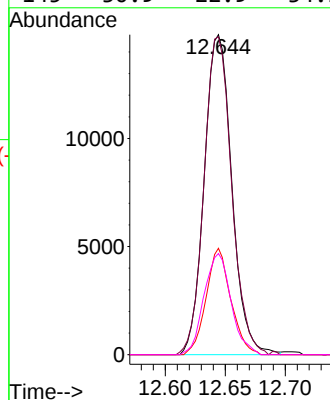
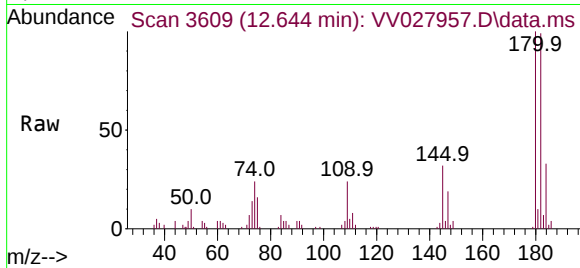




#69
 1,3,5-Trichlorobenzene
 Concen: 5.909 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV027957.D
 Acq: 20 Sep 2022 12:29

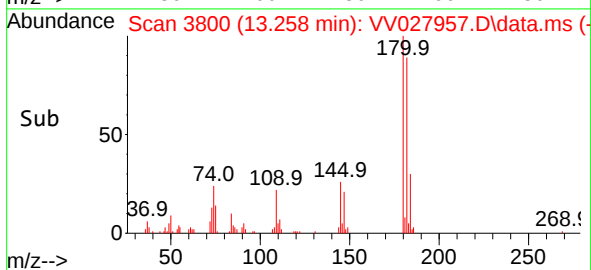
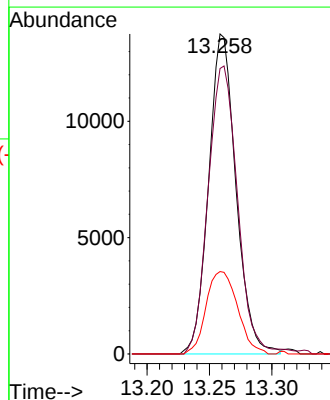
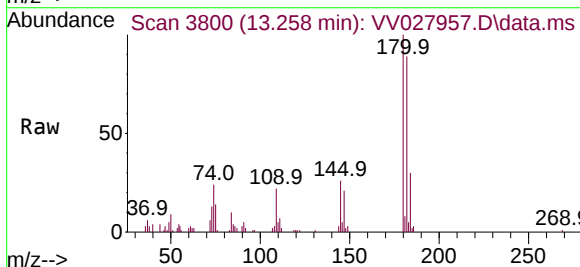
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005258

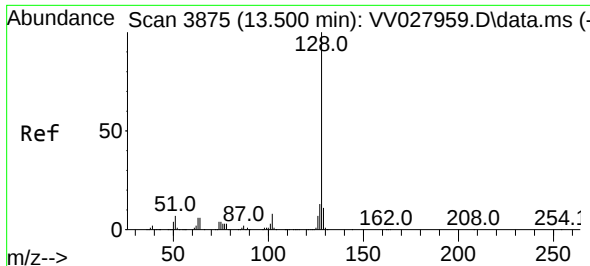
Tgt Ion:180	Resp:	23724
Ion Ratio	Lower	Upper
180	100	
182	99.2	75.4 113.0
184	29.8	24.2 36.2
145	30.9	22.9 34.3



#70
 1,2,4-trichlorobenzene
 Concen: 6.182 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027957.D
 Acq: 20 Sep 2022 12:29

Tgt Ion:180	Resp:	21026
Ion Ratio	Lower	Upper
180	100	
182	96.6	77.0 115.6
145	29.6	22.8 34.2

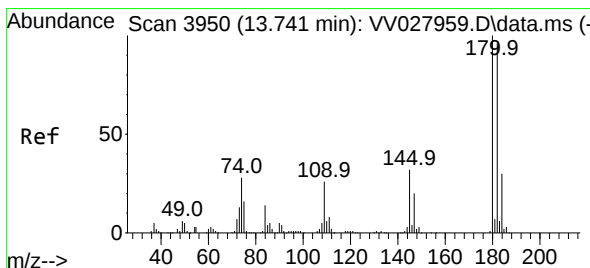
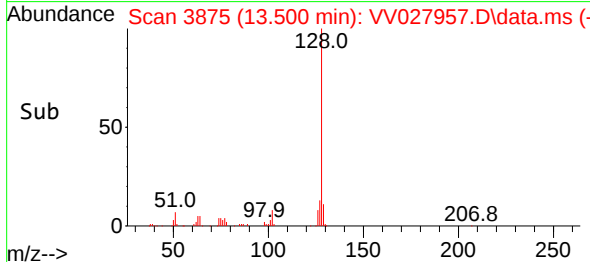
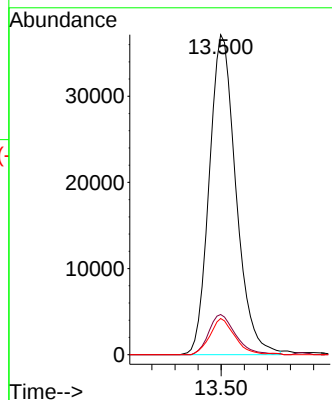
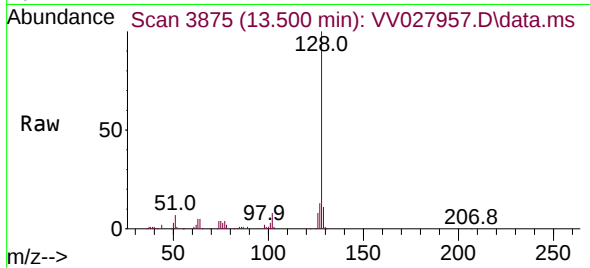




#71
Naphthalene
Concen: 5.187 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD005258

Tgt Ion:	128	Resp:	59581
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.4	15.6
129	10.4	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 5.904 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027957.D
Acq: 20 Sep 2022 12:29

Tgt Ion:	180	Resp:	21673
Ion Ratio	Lower	Upper	
180	100		
182	94.7	77.0	115.4
145	30.3	25.1	37.7

