

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071122\
 Data File : VW026711.D
 Acq On : 11 Jul 2022 19:30
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001202

Quant Time: Jul 12 05:23:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 12 05:17:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	219836	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	219753	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	19126	1.014	ug/L	0.00
7) Chloroethane-d5	1.561	69	16571	0.988	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	33391	0.908	ug/L	0.00
20) 2-Butanone-d5	3.941	46	7429	2.470	ug/L	0.02
24) Chloroform-d	4.349	84	33072	0.990	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	14696	1.003	ug/L	0.00
32) Benzene-d6	5.050	84	58074	0.914	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	18720	0.977	ug/L	0.00
41) Toluene-d8	7.317	98	46790	0.826	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	5203	0.840	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	19332	7.082	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	13870	0.934	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	15858	0.971	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	13053	0.521	ug/L	97
3) Chloromethane	1.237	50	20985	0.808	ug/L	98
5) Vinyl chloride	1.304	62	16323	0.642	ug/L	95
6) Bromomethane	1.516	94	9930	0.658	ug/L	99
8) Chloroethane	1.577	64	10473	0.686	ug/L	99
9) Trichlorofluoromethane	1.748	101	23697	0.713	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	14039	0.745	ug/L	98
12) 1,1-Dichloroethene	2.111	96	12740	0.693	ug/L #	78
13) Acetone	2.439	43	4344	1.639	ug/L	88
14) Carbon disulfide	2.285	76	27682	0.531	ug/L	99
15) Methyl Acetate	2.439	43	4344	0.837	ug/L	93
16) Methylene chloride	2.500	84	23087	1.018	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	23122	0.717	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	12225	0.712	ug/L	91
19) 1,1-Dichloroethane	3.185	63	24893	0.792	ug/L	95
21) 2-Butanone	4.027	43	8677	2.897	ug/L #	72
22) cis-1,2-Dichloroethene	3.912	96	12521	0.740	ug/L	92
23) Bromochloromethane	4.256	128	6047	0.762	ug/L	92
25) Chloroform	4.375	83	26779	0.808	ug/L	97
27) 1,2-Dichloroethane	5.137	62	13297	0.745	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	21558	0.749	ug/L	99
30) Cyclohexane	4.667	56	13075	0.550	ug/L	99
31) Carbon tetrachloride	4.825	117	18937	0.745	ug/L	99
33) Benzene	5.101	78	45788	0.656	ug/L	100
34) Trichloroethene	5.918	95	12033	0.698	ug/L	95
35) Methylcyclohexane	6.127	83	15008	0.560	ug/L	98
37) 1,2-Dichloropropane	6.175	63	12082	0.700	ug/L #	95
38) Bromodichloromethane	6.513	83	17615	0.779	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	12318	0.588	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	52475	6.686	ug/L	94
42) Toluene	7.387	91	45289	0.634	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	11586	0.667	ug/L	97

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 ClientSampleId :
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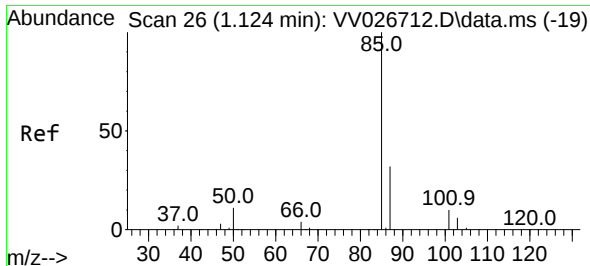
Quant Time: Jul 12 05:23:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 12 05:17:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	9824	0.783	ug/L	98
47) Tetrachloroethene	7.976	164	9487	0.700	ug/L	97
48) 2-Hexanone	8.146	43	35070	6.133	ug/L	92
49) Dibromochloromethane	8.246	129	10704	0.750	ug/L	92
50) 1,2-Dibromoethane	8.355	107	8691	0.781	ug/L #	88
51) Chlorobenzene	8.883	112	32954	0.720	ug/L	98
52) Ethylbenzene	9.011	91	44839	0.622	ug/L	100
53) m,p-Xylene	9.140	106	16120	0.577	ug/L	97
54) o-Xylene	9.542	106	15799	0.606	ug/L	98
55) Styrene	9.564	104	26205	0.566	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	12186	0.815	ug/L	99
59) Bromoform	9.731	173	5456	0.887	ug/L	97
60) Isopropylbenzene	9.931	105	41059	0.693	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	7916	0.903	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	31712	0.671	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	31019	0.648	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	22332	0.771	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	23197	0.796	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	21966	0.807	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	1676	0.900	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	16021	0.782	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	12308	0.785	ug/L	98
71) Naphthalene	13.503	128	18933	0.729	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	11593	0.800	ug/L	98

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

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QLast Update : Tue Jul 12 05:17:24 2022
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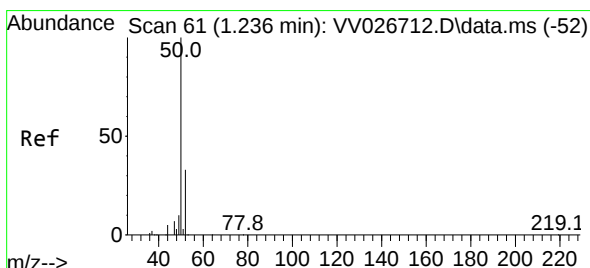
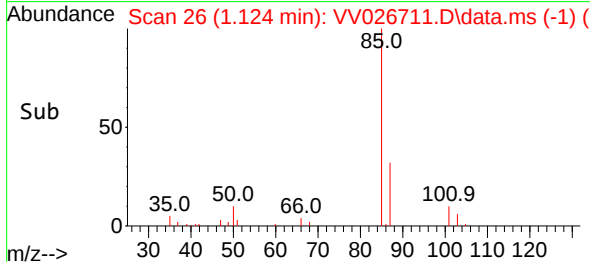
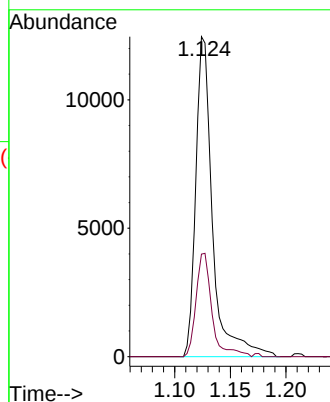
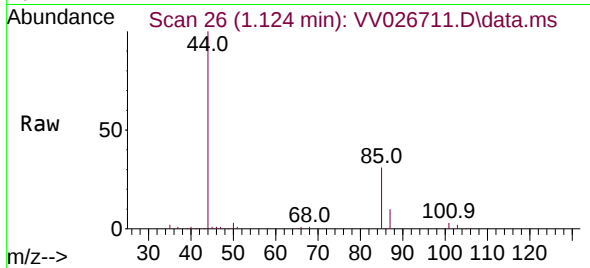




#2
 Dichlorodifluoromethane
 Concen: 0.521 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV026711.D
 Acq: 11 Jul 2022 19:30

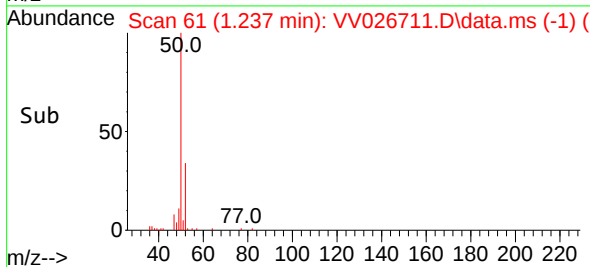
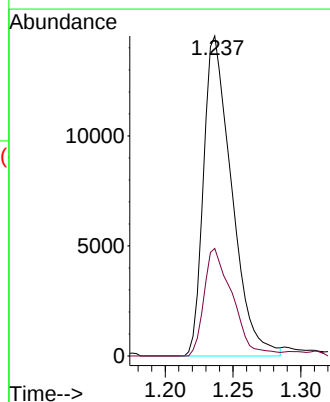
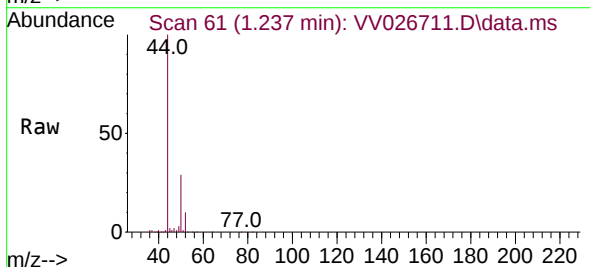
Instrument :
 MSVOA_V
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 VSTD001202

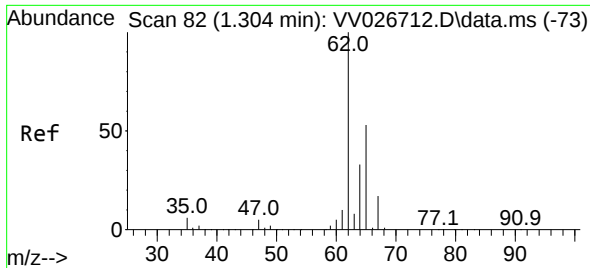
Tgt Ion: 85 Resp: 13053
 Ion Ratio Lower Upper
 85 100
 87 30.7 25.8 38.8



#3
 Chloromethane
 Concen: 0.808 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV026711.D
 Acq: 11 Jul 2022 19:30

Tgt Ion: 50 Resp: 20985
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.8 42.4

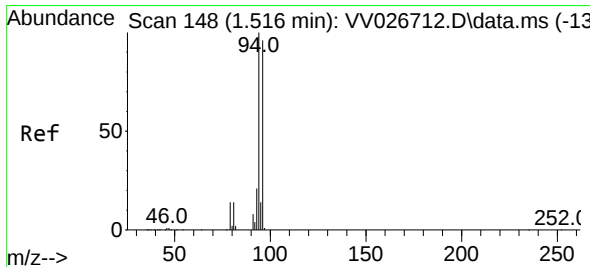
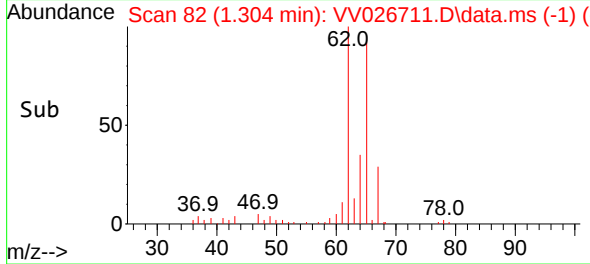
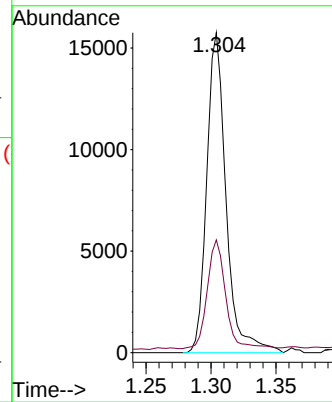
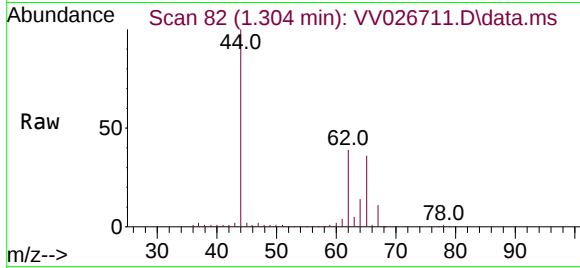




#5
 Vinyl chloride
 Concen: 0.642 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV026711.D
 Acq: 11 Jul 2022 19:30

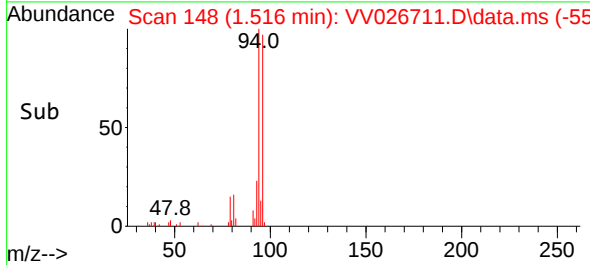
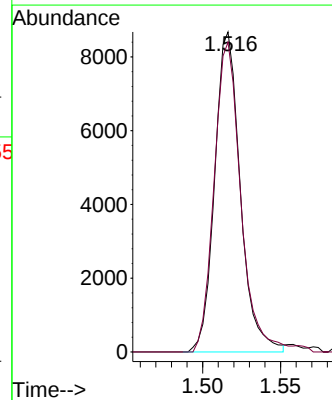
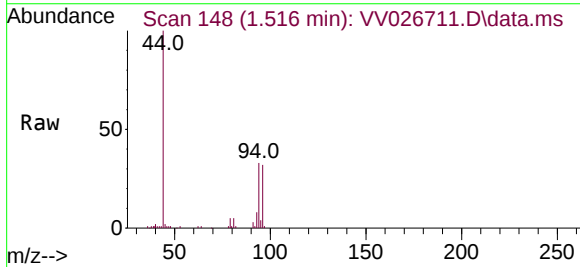
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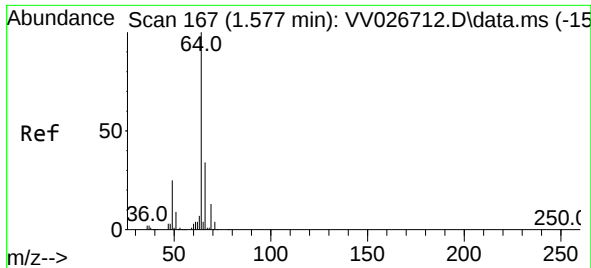
Tgt Ion: 62 Resp: 16323
 Ion Ratio Lower Upper
 62 100
 64 35.2 22.9 42.5



#6
 Bromomethane
 Concen: 0.658 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV026711.D
 Acq: 11 Jul 2022 19:30

Tgt Ion: 94 Resp: 9930
 Ion Ratio Lower Upper
 94 100
 96 96.8 67.1 124.7

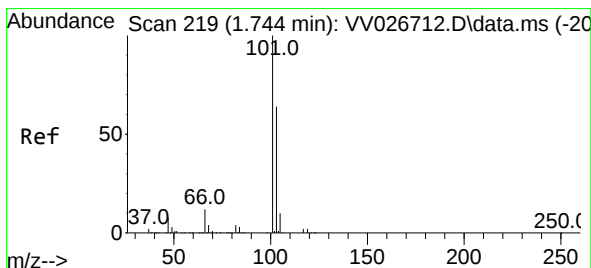
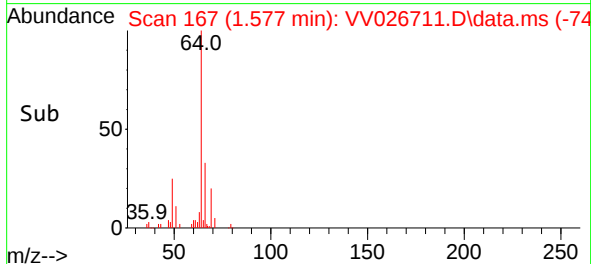
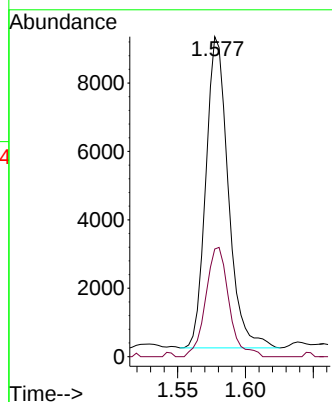
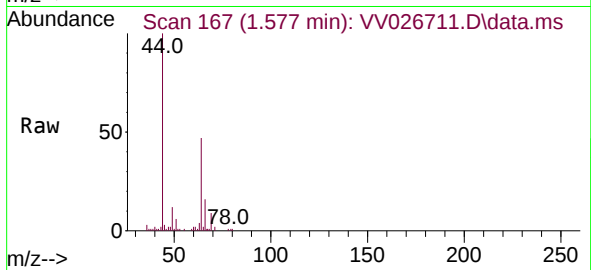




#8
Chloroethane
Concen: 0.686 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

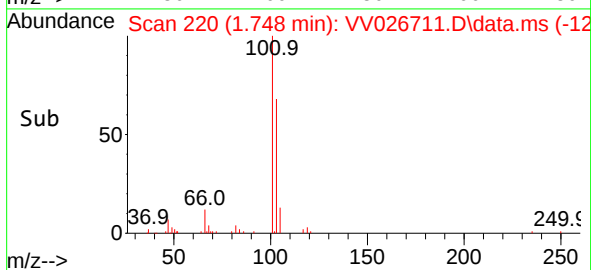
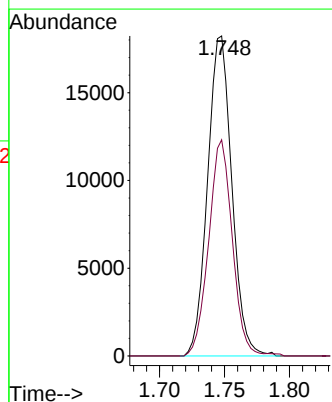
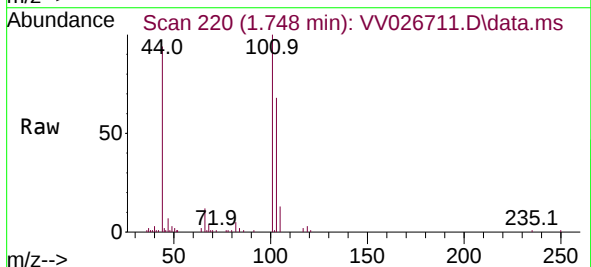
Instrument :
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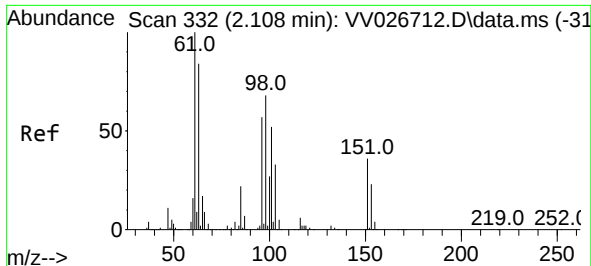
Tgt Ion: 64 Resp: 10473
Ion Ratio Lower Upper
64 100
66 33.7 23.9 44.5



#9
Trichlorofluoromethane
Concen: 0.713 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion:101 Resp: 23697
Ion Ratio Lower Upper
101 100
103 65.8 51.6 77.4

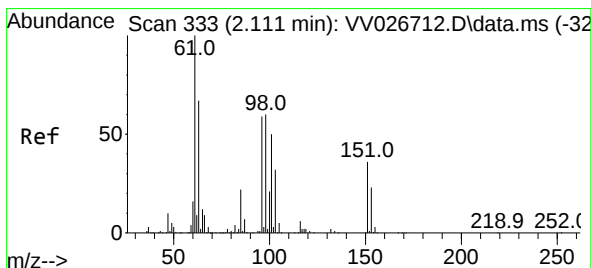
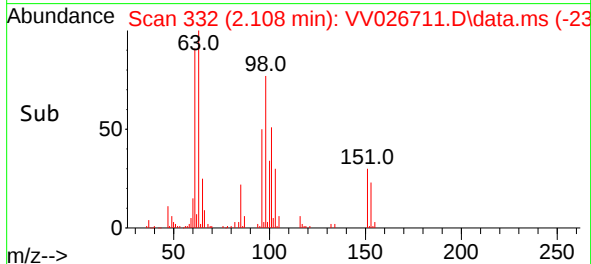
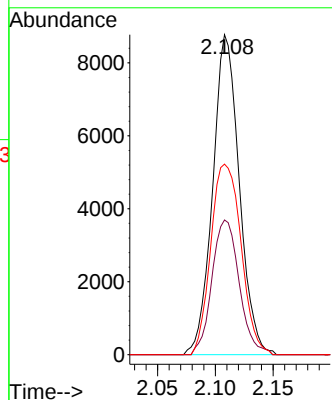
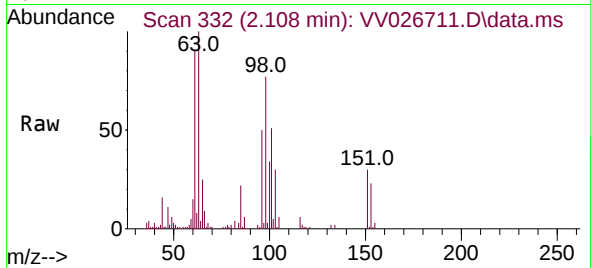




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.745 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV026711.D
 Acq: 11 Jul 2022 19:30

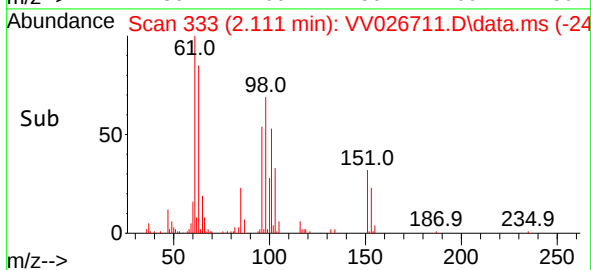
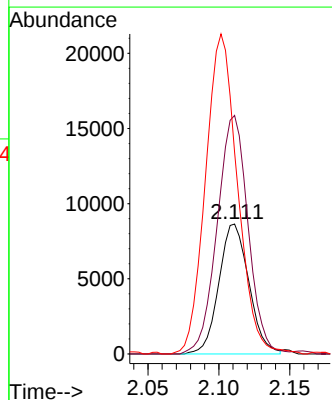
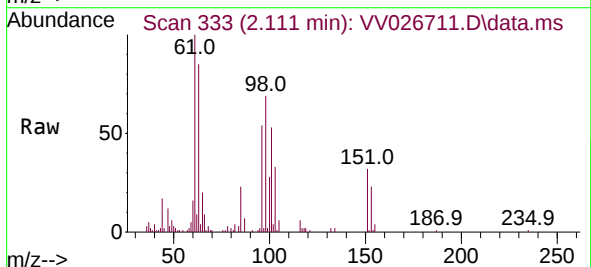
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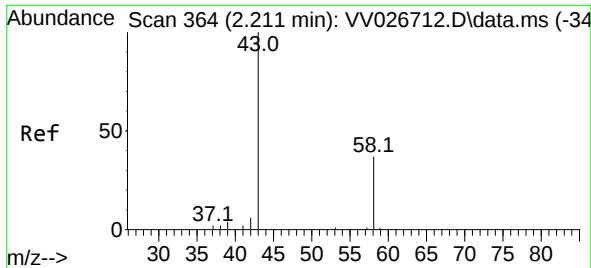
Tgt Ion:	101	Resp:	14039
Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.0	52.4
151	68.0	56.7	85.1



#12
 1,1-Dichloroethene
 Concen: 0.693 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV026711.D
 Acq: 11 Jul 2022 19:30

Tgt Ion:	96	Resp:	12740
Ion	Ratio	Lower	Upper
96	100		
61	183.5	118.3	219.7
63	155.1	79.9	148.3





#13

Acetone

Concen: 1.639 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.228 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

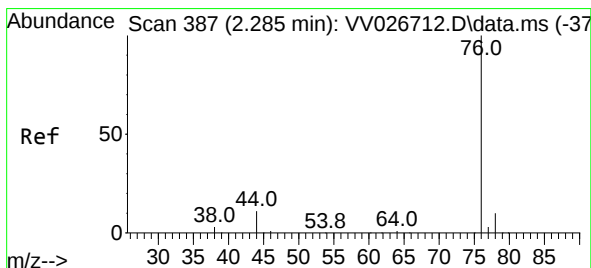
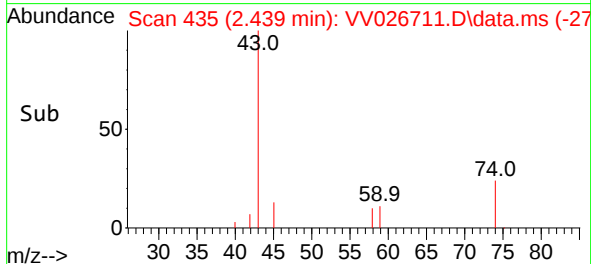
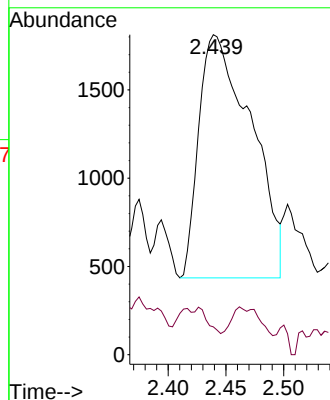
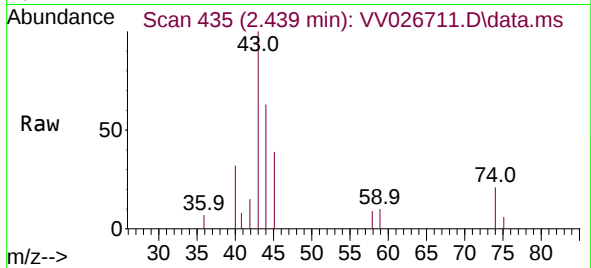
VSTD001202

Tgt Ion: 43 Resp: 4344

Ion Ratio Lower Upper

43 100

58 5.8 0.0 20.6



#14

Carbon disulfide

Concen: 0.531 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV026711.D

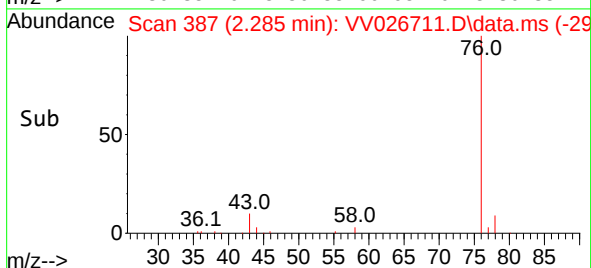
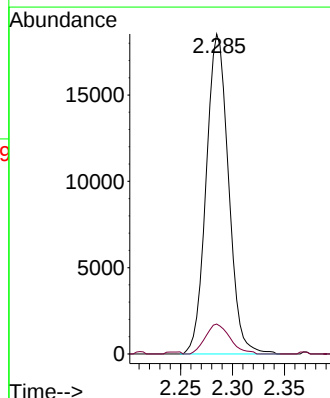
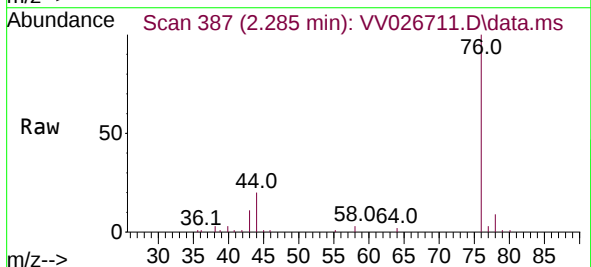
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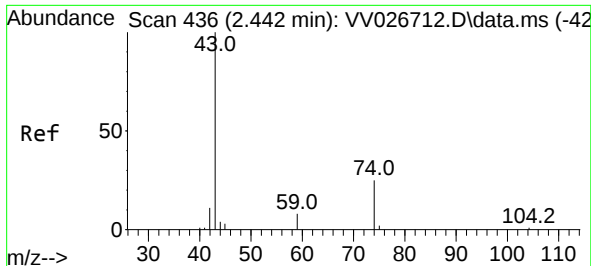
Tgt Ion: 76 Resp: 27682

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

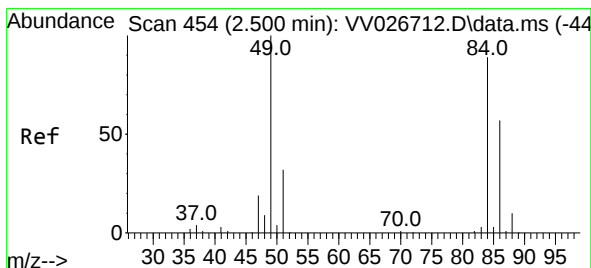
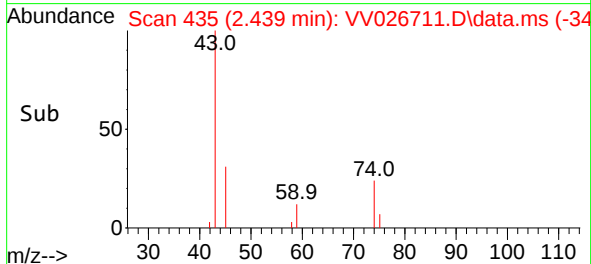
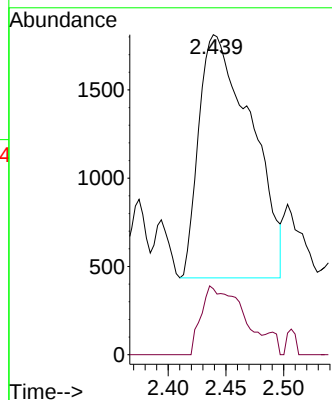
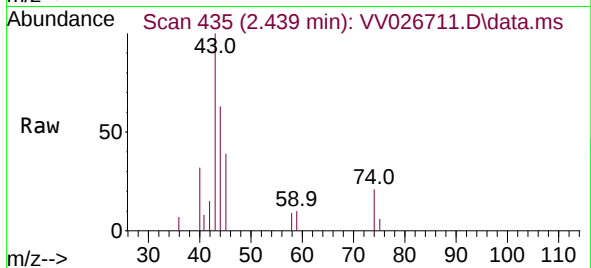




#15
Methyl Acetate
Concen: 0.837 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

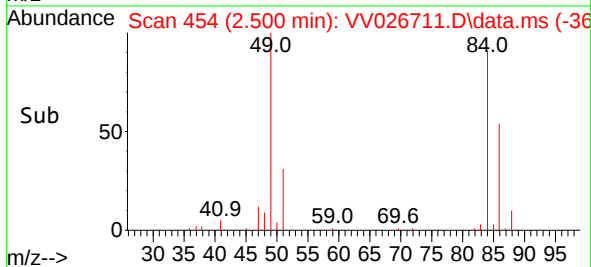
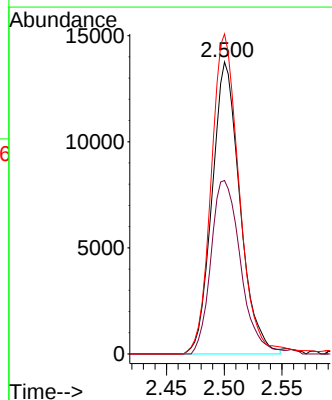
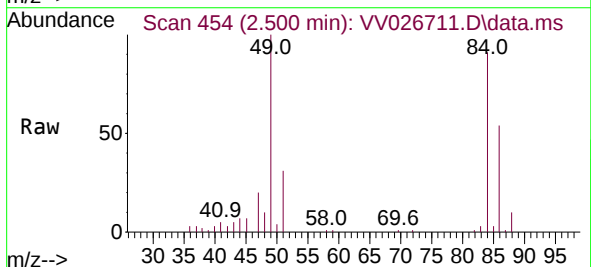
Instrument :
MSVOA_V
ClientSampleId :
VSTD001202

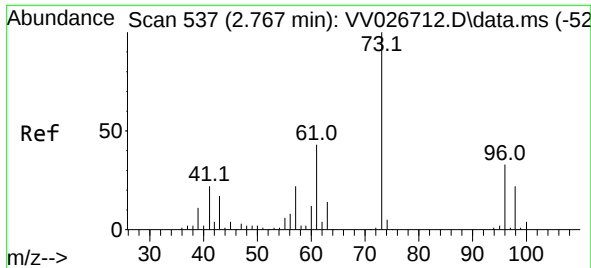
Tgt Ion: 43 Resp: 4344
Ion Ratio Lower Upper
43 100
74 21.8 20.1 30.1



#16
Methylene chloride
Concen: 1.018 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion: 84 Resp: 23087
Ion Ratio Lower Upper
84 100
86 59.4 44.8 83.2
49 109.6 78.7 146.1

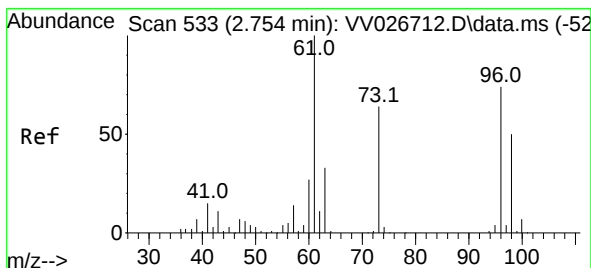
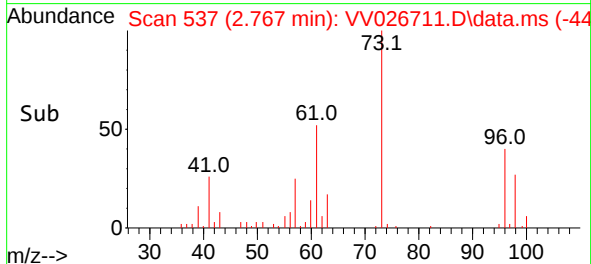
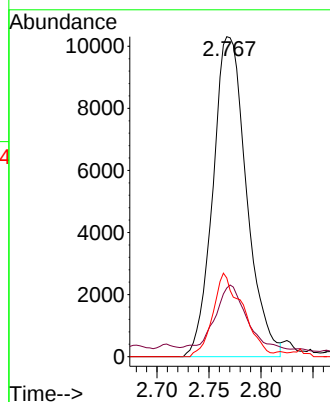
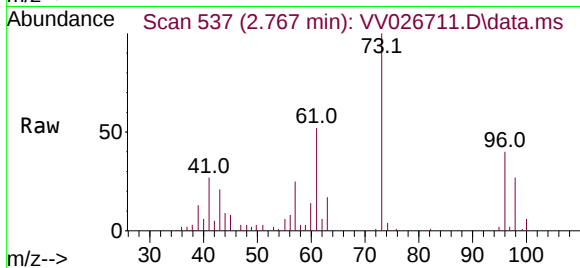




#17
Methyl tert-butyl Ether
Concen: 0.717 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

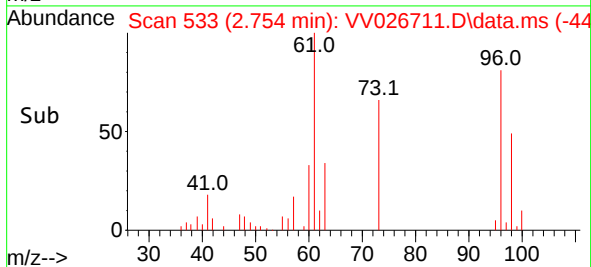
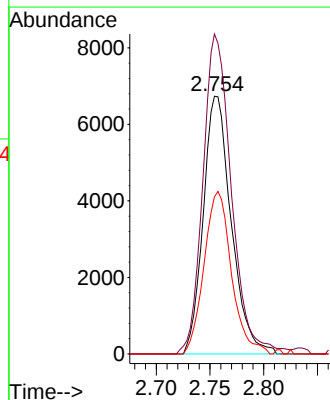
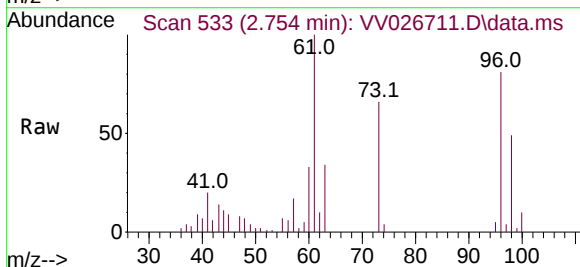
Instrument :
MSVOA_V
ClientSampleId :
VSTD001202

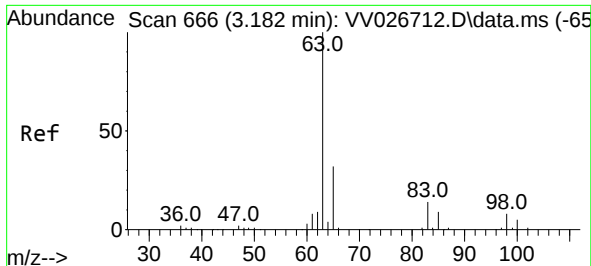
Tgt Ion: 73	Resp:	23122
Ion	Ratio	Lower Upper
73	100	
43	18.4	14.0 21.0
57	23.5	17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.712 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion: 96	Resp:	12225
Ion	Ratio	Lower Upper
96	100	
61	124.1	94.7 175.9
98	60.9	47.4 88.0





#19

1,1-Dichloroethane

Concen: 0.792 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD001202

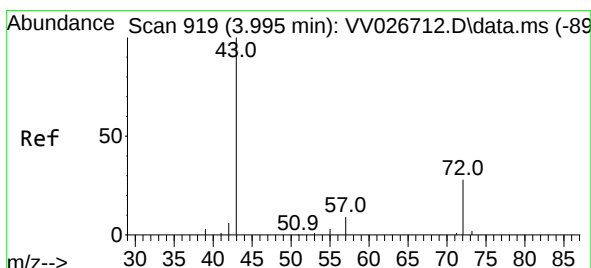
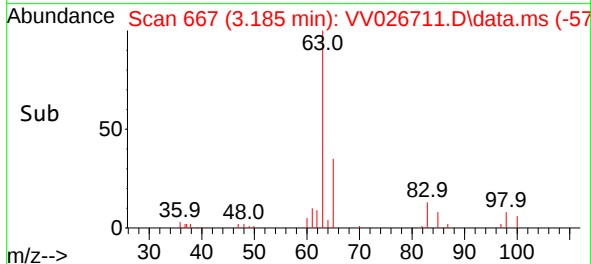
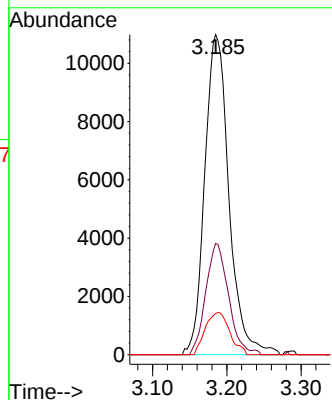
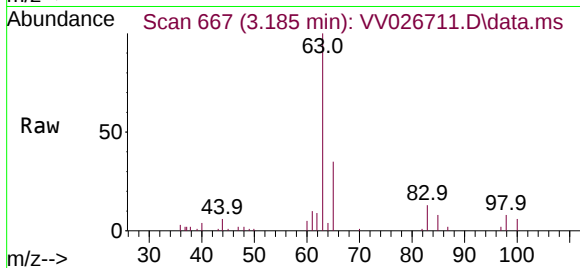
Tgt Ion: 63 Resp: 24893

Ion Ratio Lower Upper

63 100

65 34.8 22.3 41.3

83 12.9 9.9 18.5



#21

2-Butanone

Concen: 2.897 ug/L

RT: 4.027 min Scan# 929

Delta R.T. 0.032 min

Lab File: VV026711.D

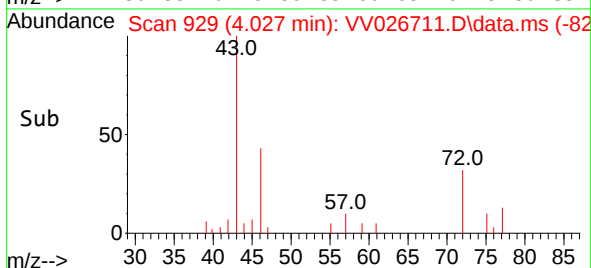
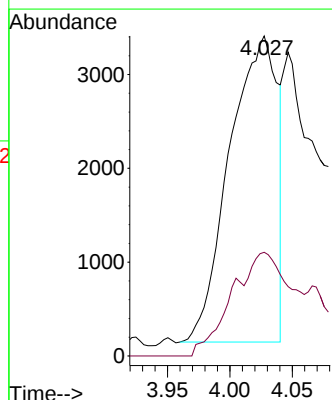
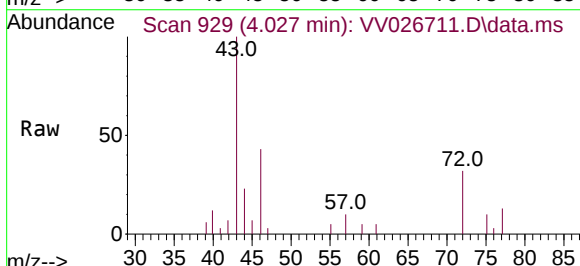
Acq: 11 Jul 2022 19:30

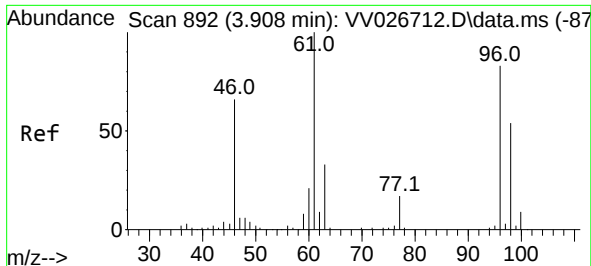
Tgt Ion: 43 Resp: 8677

Ion Ratio Lower Upper

43 100

72 13.2 13.9 41.7#





#22

cis-1,2-Dichloroethene

Concen: 0.740 ug/L

RT: 3.912 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD001202

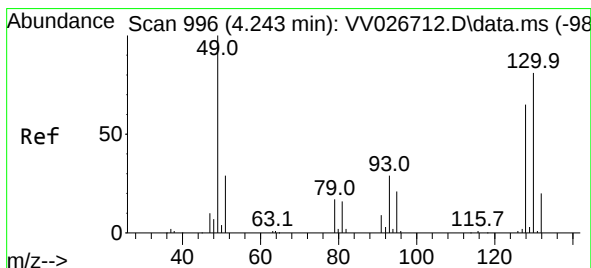
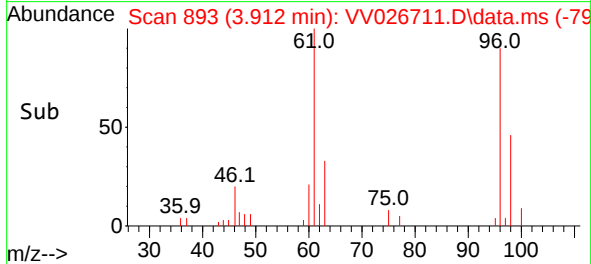
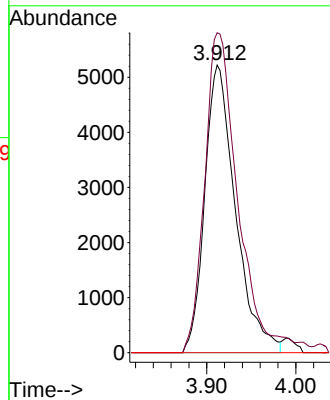
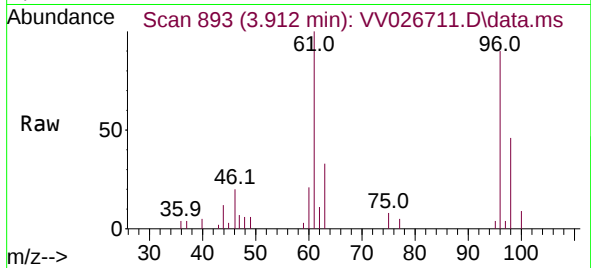
Tgt Ion: 96 Resp: 12521

Ion Ratio Lower Upper

96 100

61 111.2 83.9 155.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 0.762 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. 0.013 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

Tgt Ion: 128 Resp: 6047

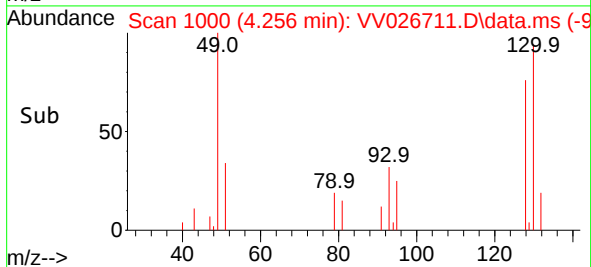
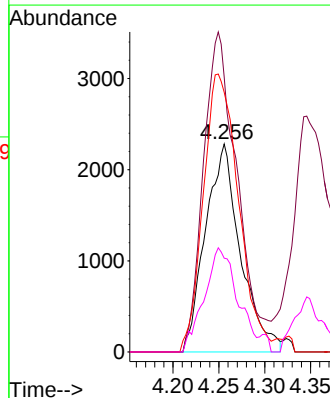
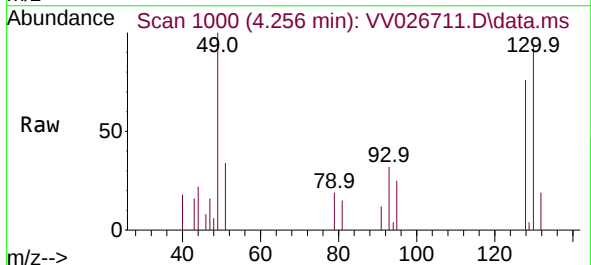
Ion Ratio Lower Upper

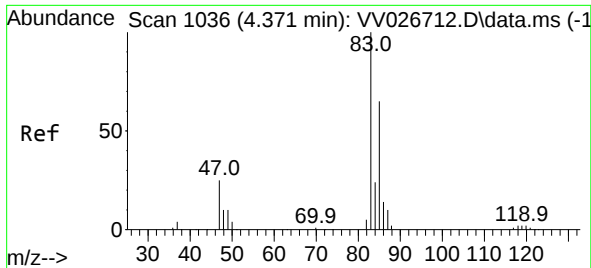
128 100

49 132.1 107.2 199.2

130 124.8 87.1 161.7

51 45.1 36.1 54.1

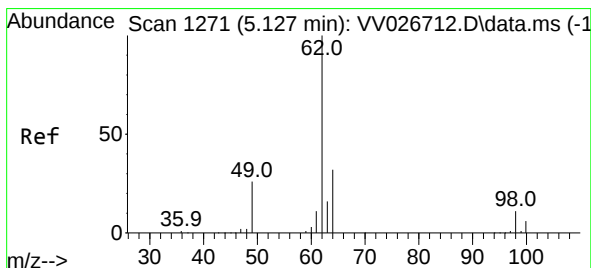
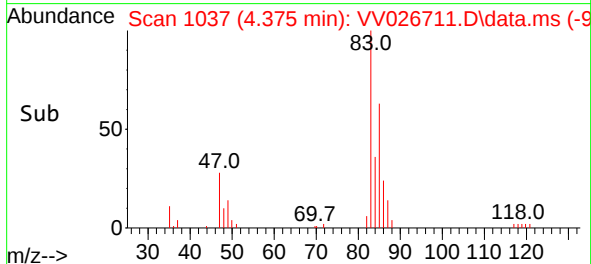
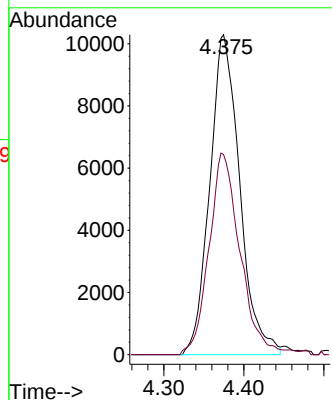
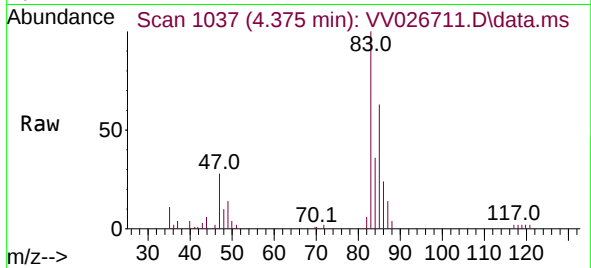




#25
Chloroform
Concen: 0.808 ug/L
RT: 4.375 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

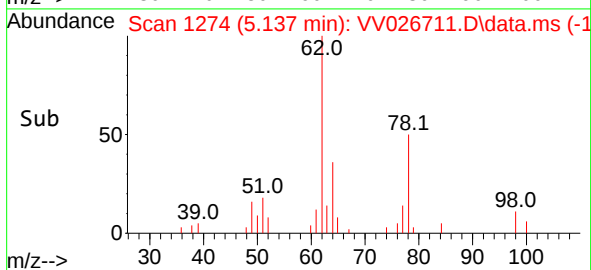
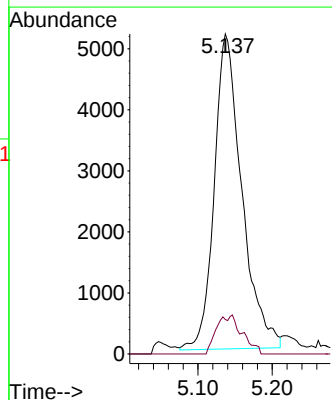
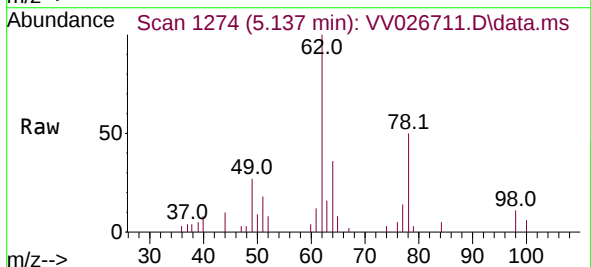
Instrument :
MSVOA_V
ClientSampleId :
VSTD001202

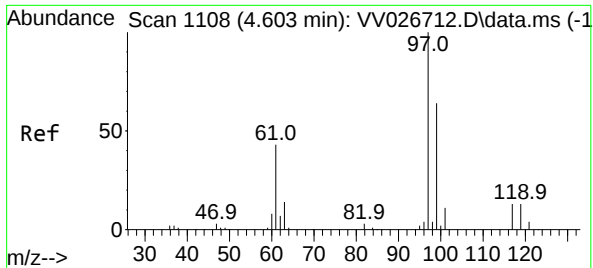
Tgt Ion: 83 Resp: 26779
Ion Ratio Lower Upper
83 100
85 62.6 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.745 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.010 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion: 62 Resp: 13297
Ion Ratio Lower Upper
62 100
98 10.8 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 0.749 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD001202

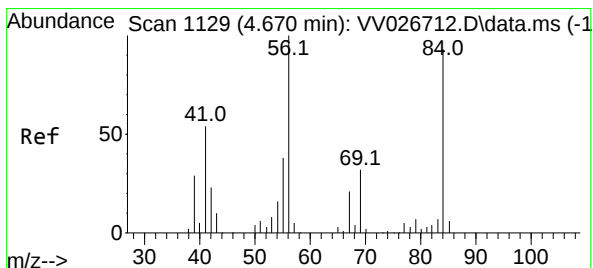
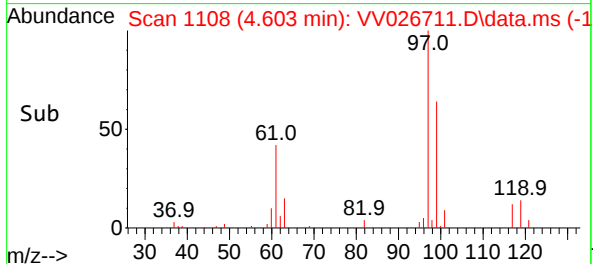
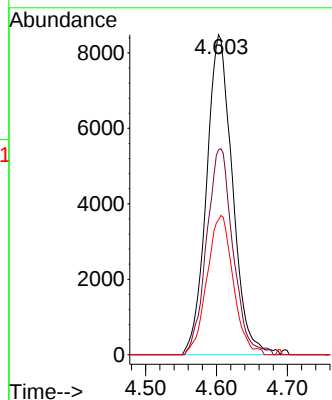
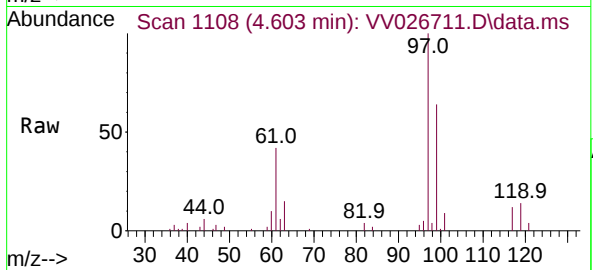
Tgt Ion: 97 Resp: 21558

Ion Ratio Lower Upper

97 100

99 65.7 51.3 76.9

61 44.0 35.1 52.7



#30

Cyclohexane

Concen: 0.550 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

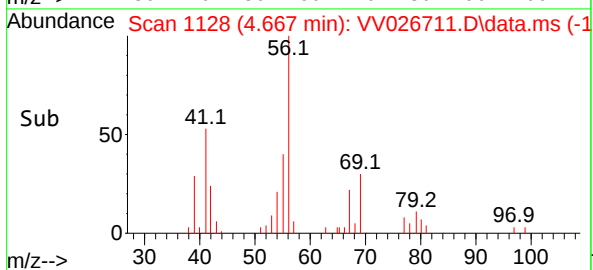
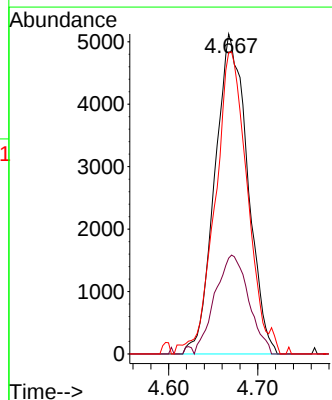
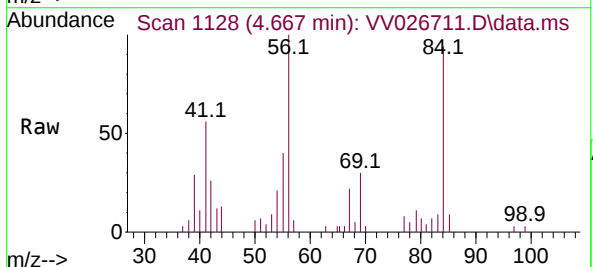
Tgt Ion: 56 Resp: 13075

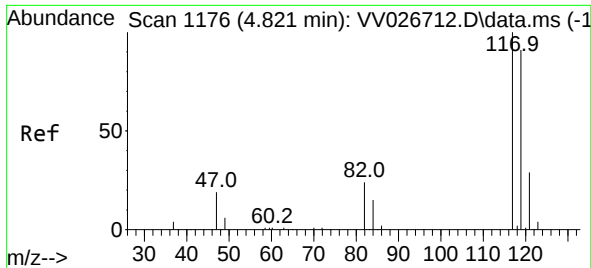
Ion Ratio Lower Upper

56 100

69 31.8 25.1 37.7

84 93.0 74.0 111.0

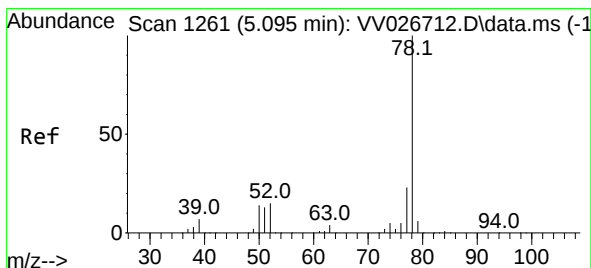
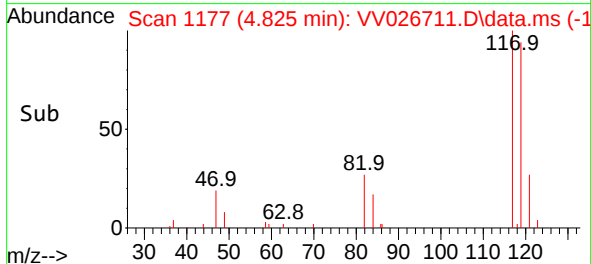
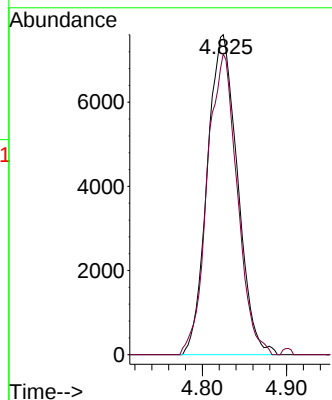
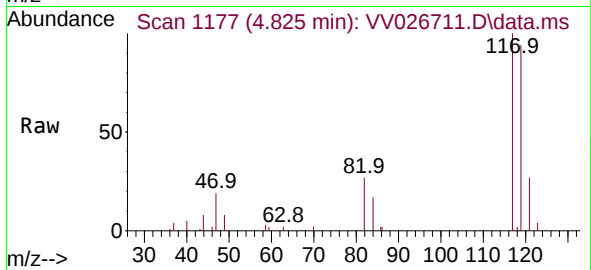




#31
Carbon tetrachloride
Concen: 0.745 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

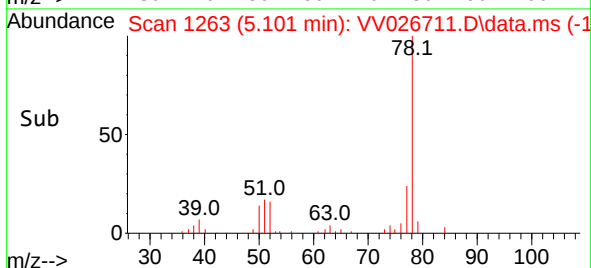
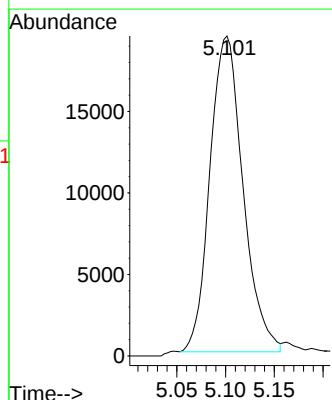
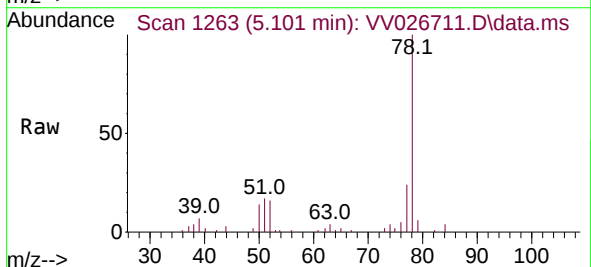
Instrument :
MSVOA_V
ClientSampleId :
VSTD001202

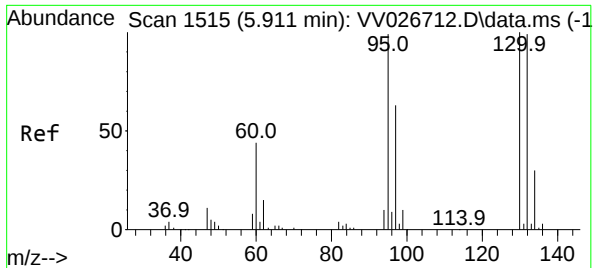
Tgt Ion:117 Resp: 18937
Ion Ratio Lower Upper
117 100
119 93.3 75.1 112.7



#33
Benzene
Concen: 0.656 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion: 78 Resp: 45788



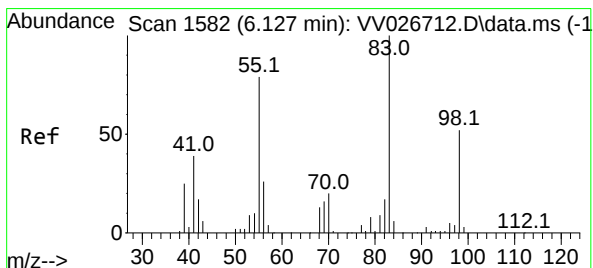
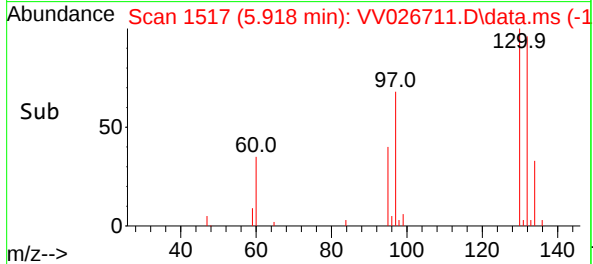
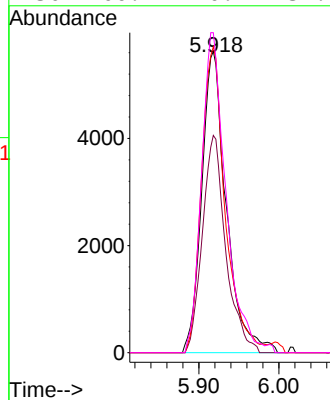
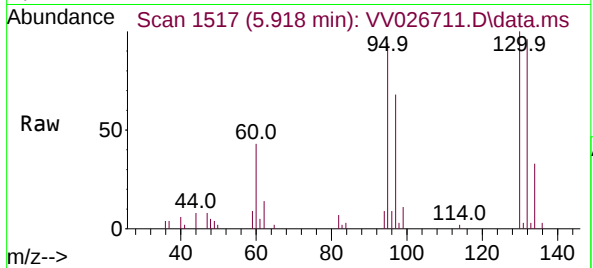


#34
Trichloroethene
Concen: 0.698 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.007 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD001202

Tgt Ion: 95 Resp: 12033

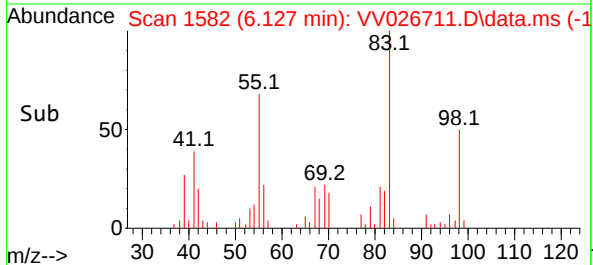
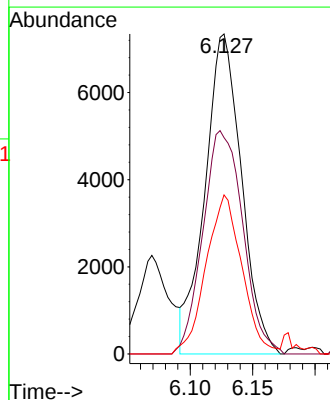
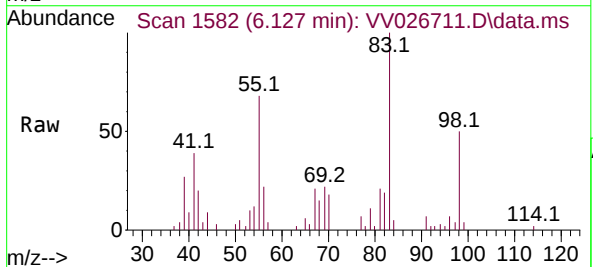
Ion	Ratio	Lower	Upper
95	100		
97	72.1	44.6	82.8
132	101.5	70.2	130.4
130	106.2	70.9	131.7

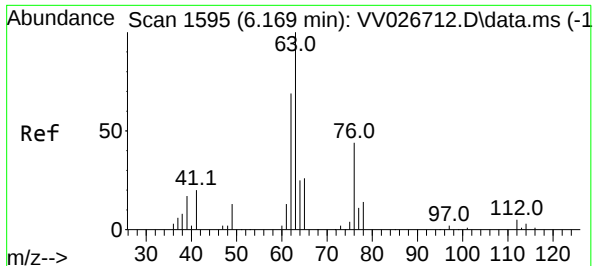


#35
Methylcyclohexane
Concen: 0.560 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion: 83 Resp: 15008

Ion	Ratio	Lower	Upper
83	100		
55	76.1	59.5	89.3
98	48.6	38.3	57.5





#37

1,2-Dichloropropane

Concen: 0.700 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

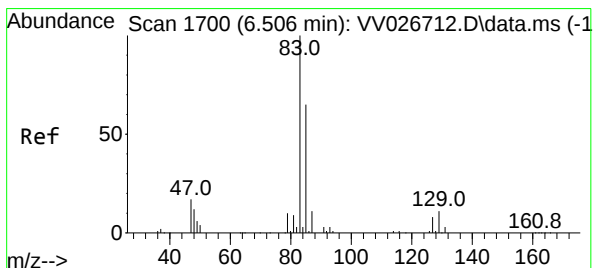
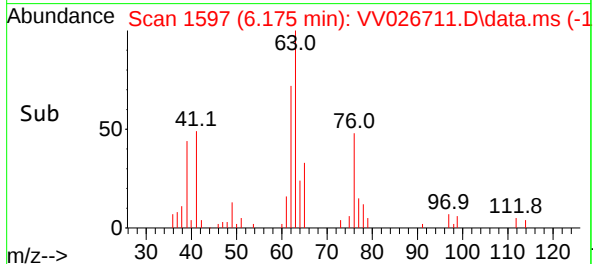
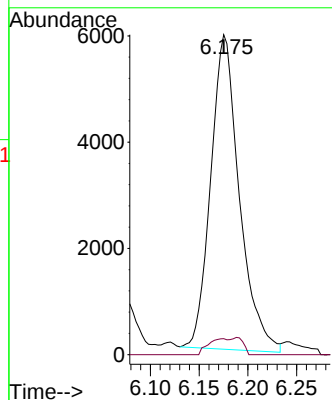
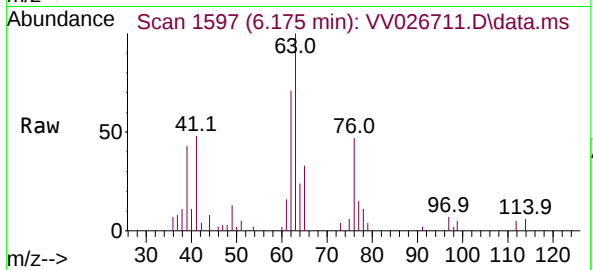
VSTD001202

Tgt Ion: 63 Resp: 12082

Ion Ratio Lower Upper

63 100

112 3.4 4.2 6.2#



#38

Bromodichloromethane

Concen: 0.779 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.007 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

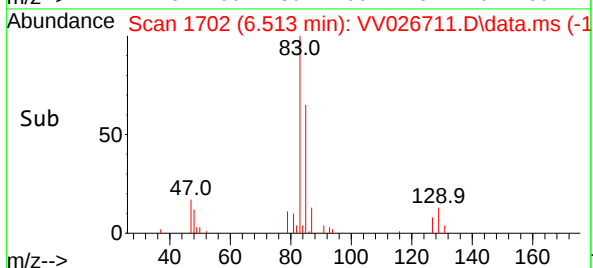
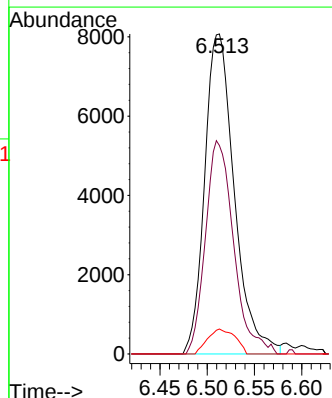
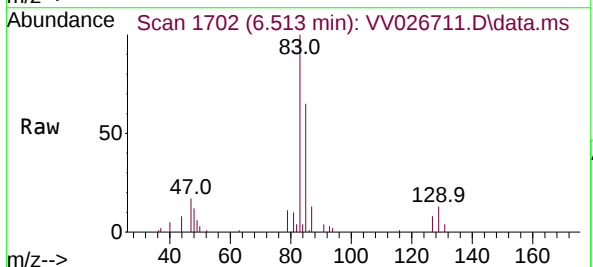
Tgt Ion: 83 Resp: 17615

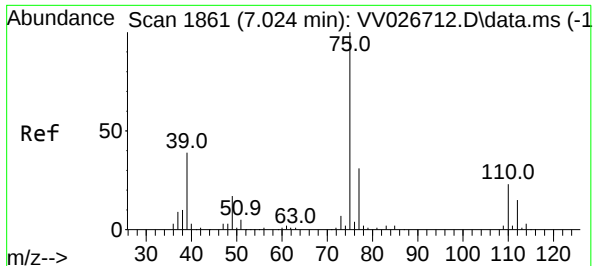
Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.4

127 7.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.588 ug/L

RT: 7.034 min Scan# 1861

Delta R.T. 0.010 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

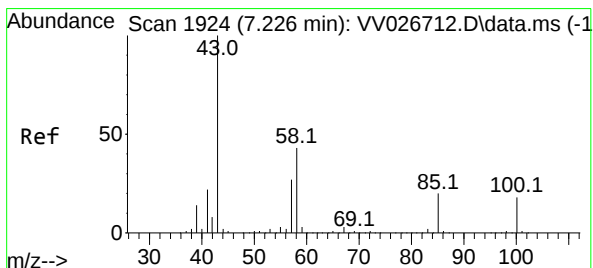
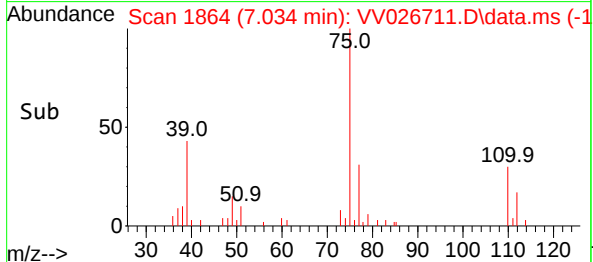
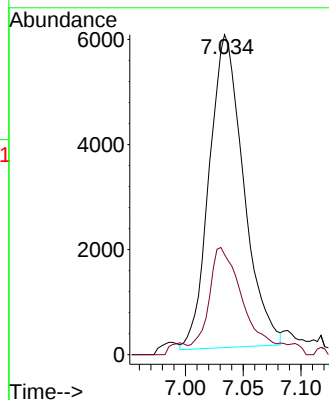
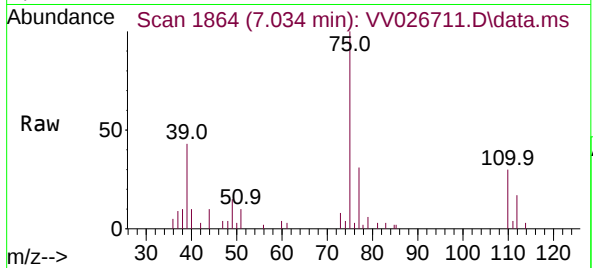
VSTD001202

Tgt Ion: 75 Resp: 12318

Ion Ratio Lower Upper

75 100

77 31.3 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 6.686 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.007 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

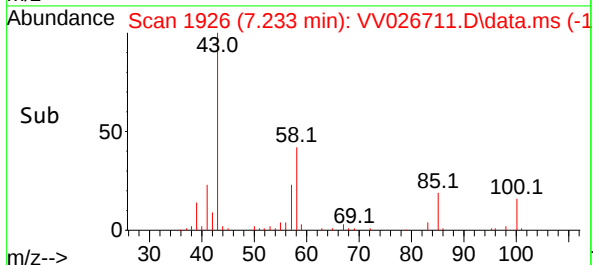
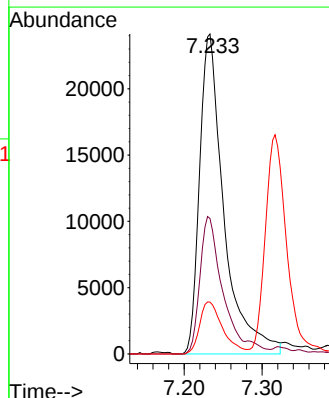
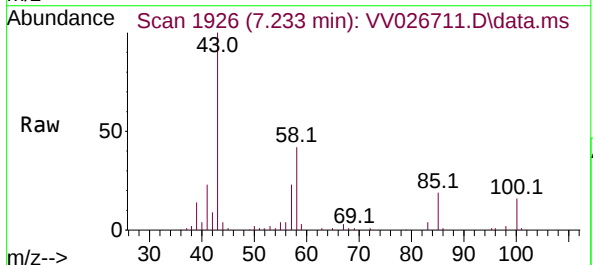
Tgt Ion: 43 Resp: 52475

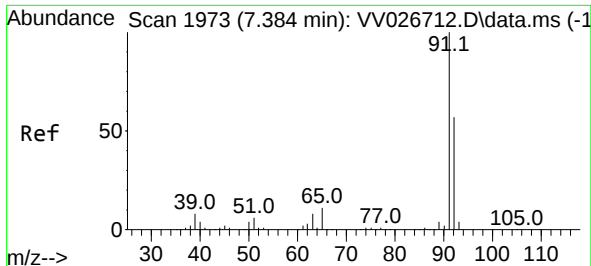
Ion Ratio Lower Upper

43 100

58 38.6 34.6 51.8

100 15.4 13.6 20.4

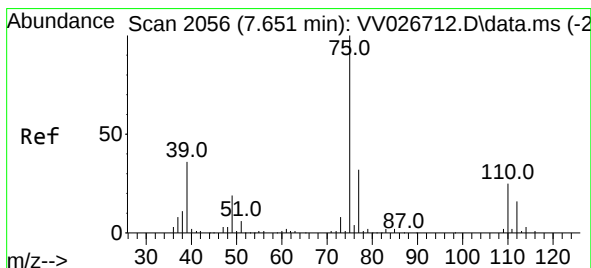
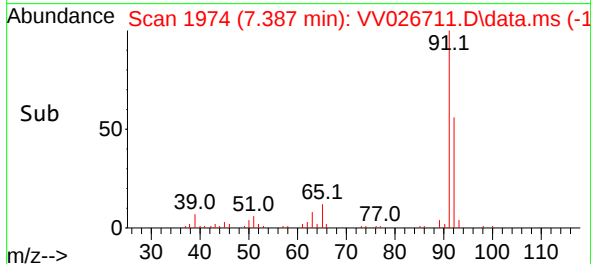
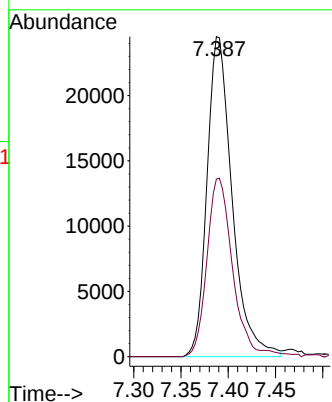
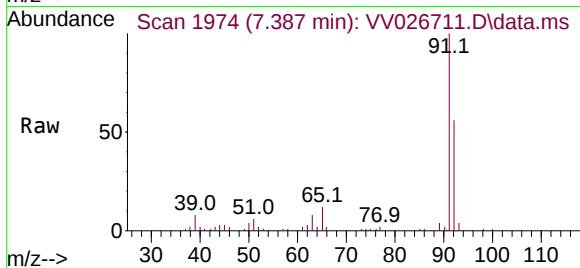




#42
Toluene
Concen: 0.634 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

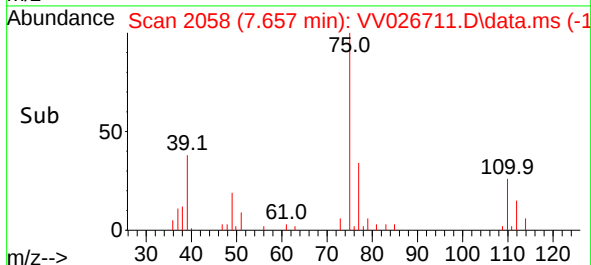
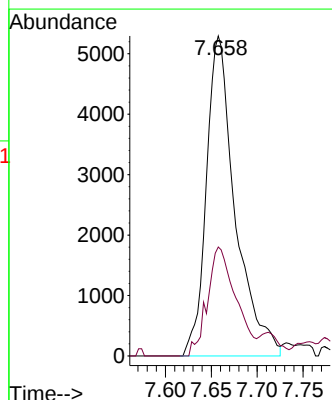
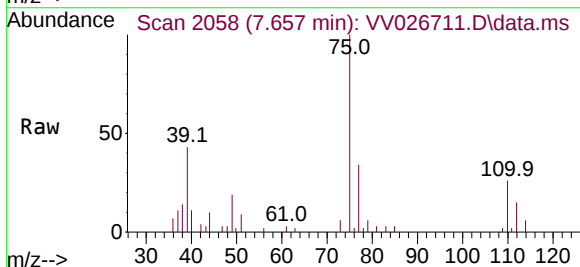
Instrument :
MSVOA_V
ClientSampleId :
VSTD001202

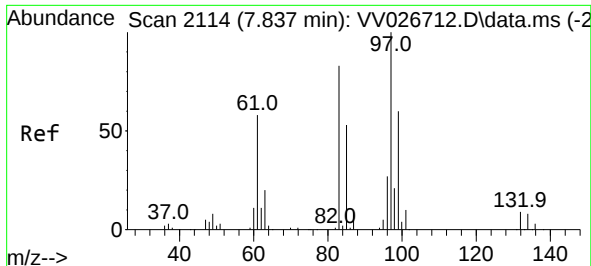
Tgt Ion: 91 Resp: 45289
Ion Ratio Lower Upper
91 100
92 55.5 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 0.667 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.007 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion: 75 Resp: 11586
Ion Ratio Lower Upper
75 100
77 34.1 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 0.783 ug/L

RT: 7.841 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD001202

Tgt Ion: 97 Resp: 9824

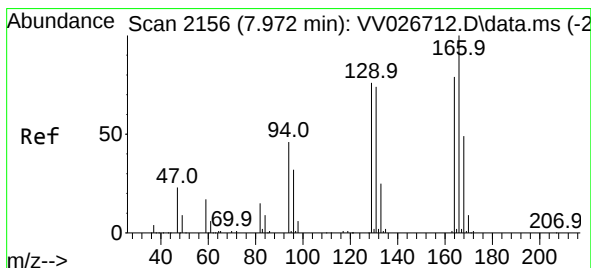
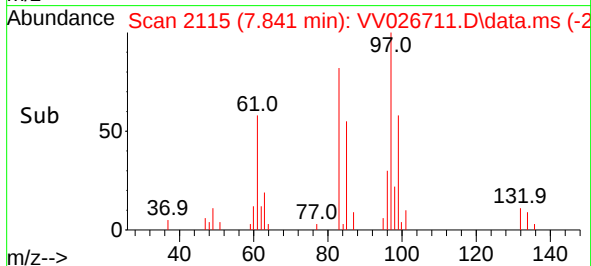
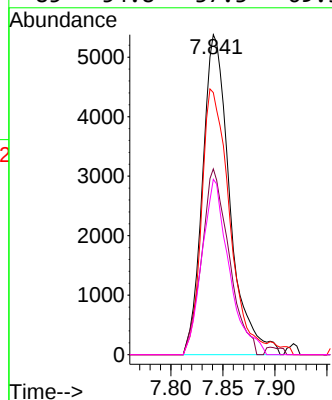
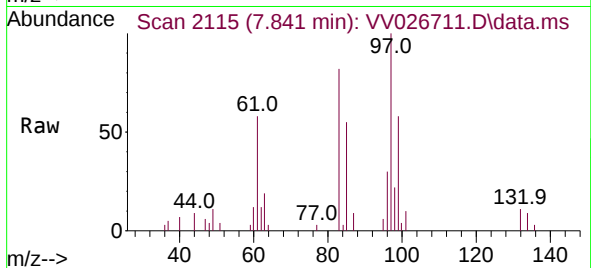
Ion Ratio Lower Upper

97 100

99 58.1 41.9 77.9

83 81.9 58.1 107.9

85 54.8 37.3 69.3



#47

Tetrachloroethene

Concen: 0.700 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

Tgt Ion: 164 Resp: 9487

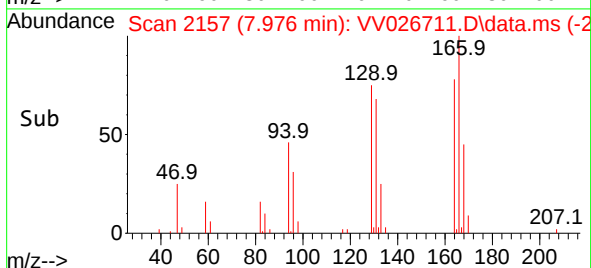
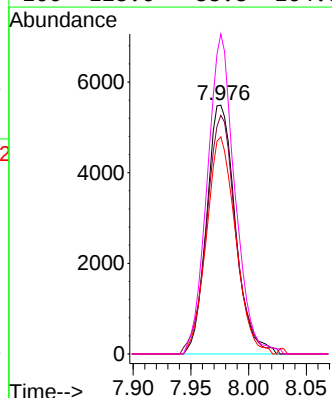
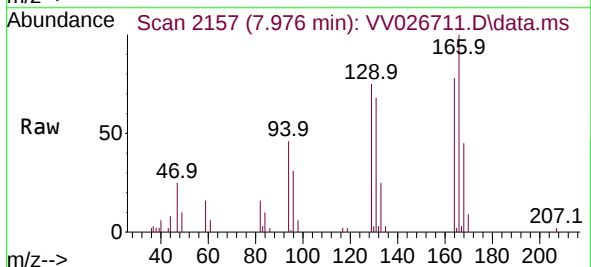
Ion Ratio Lower Upper

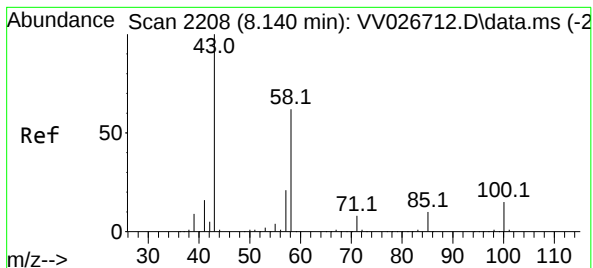
164 100

129 95.9 67.8 125.8

131 87.3 65.9 122.5

166 128.6 88.8 164.8





#48

2-Hexanone

Concen: 6.133 ug/L

RT: 8.146 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD001202

Tgt Ion: 43 Resp: 35070

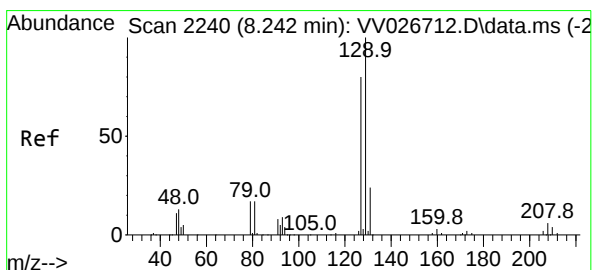
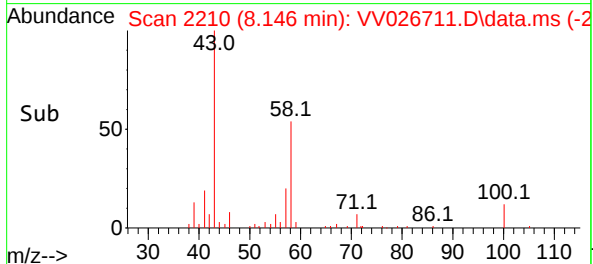
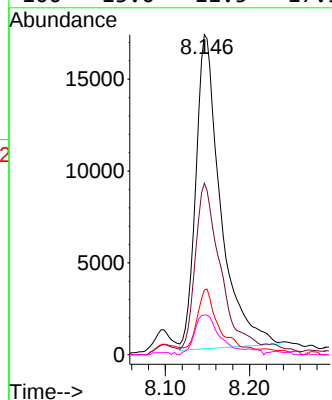
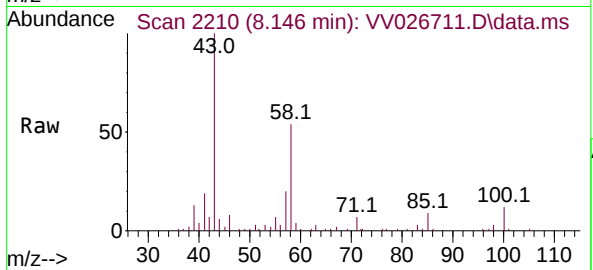
Ion Ratio Lower Upper

43 100

58 53.5 47.9 71.9

57 16.6 16.3 24.5

100 13.0 11.5 17.3



#49

Dibromochloromethane

Concen: 0.750 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV026711.D

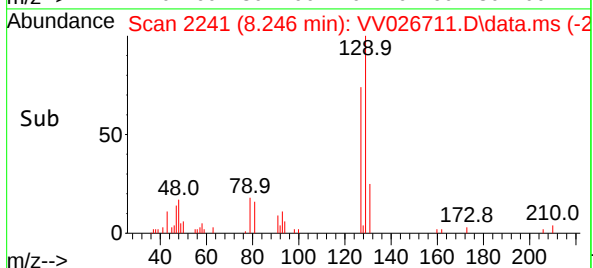
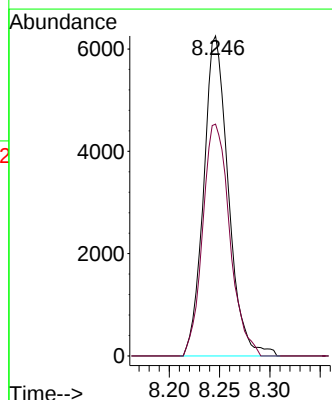
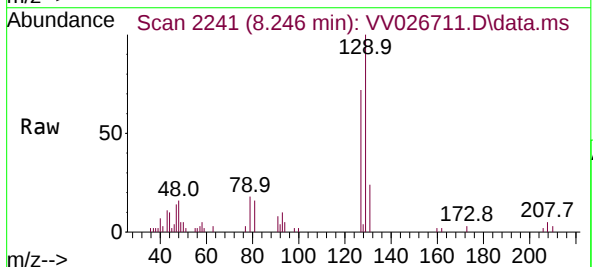
Acq: 11 Jul 2022 19:30

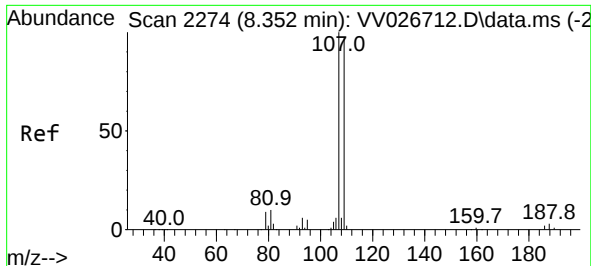
Tgt Ion: 129 Resp: 10704

Ion Ratio Lower Upper

129 100

127 72.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 0.781 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD001202

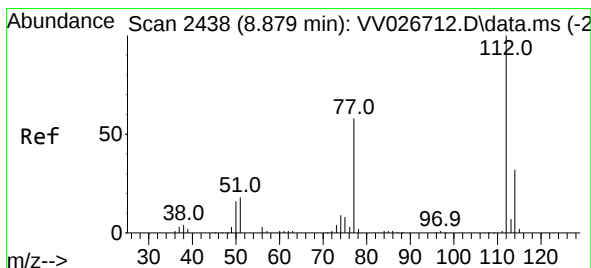
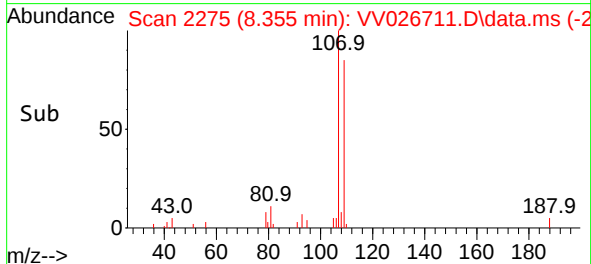
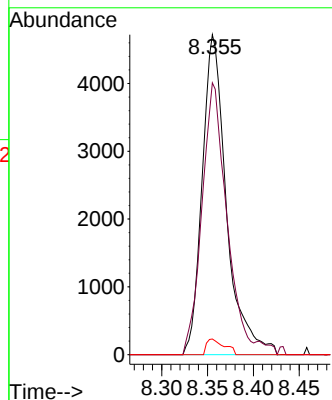
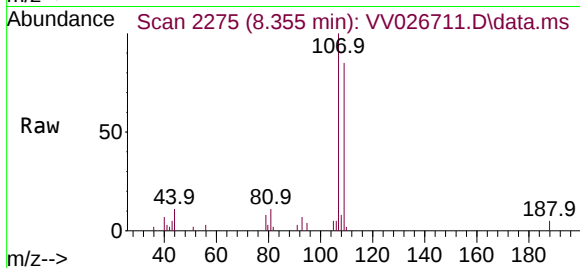
Tgt Ion:107 Resp: 8691

Ion Ratio Lower Upper

107 100

109 85.0 68.0 126.4

188 4.9 2.8 4.2#



#51

Chlorobenzene

Concen: 0.720 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

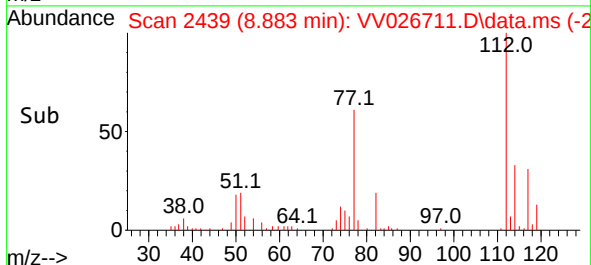
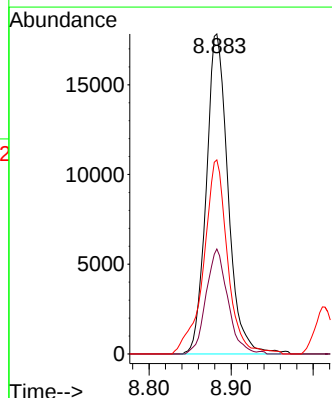
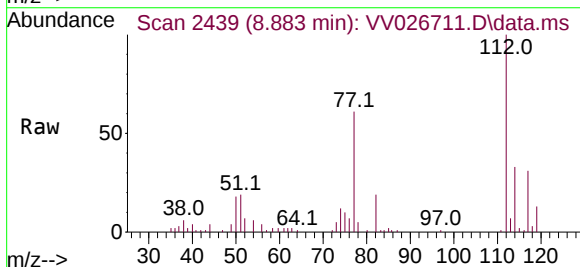
Tgt Ion:112 Resp: 32954

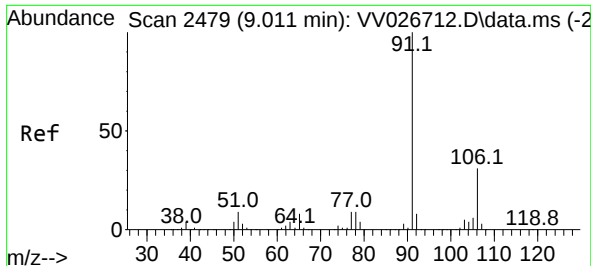
Ion Ratio Lower Upper

112 100

114 32.8 22.7 42.1

77 60.6 46.6 70.0

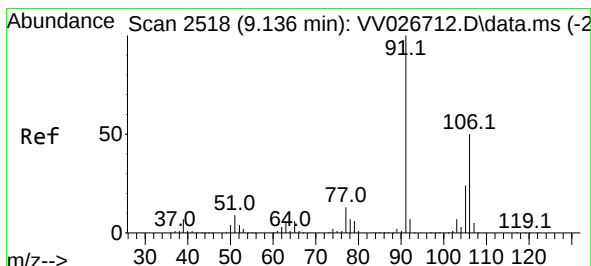
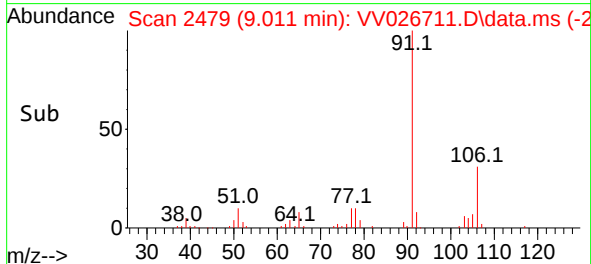
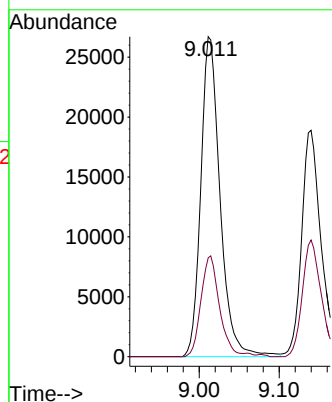
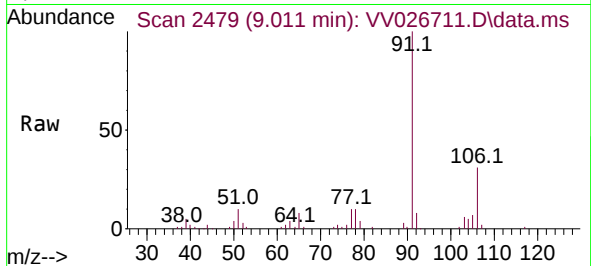




#52
Ethylbenzene
Concen: 0.622 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

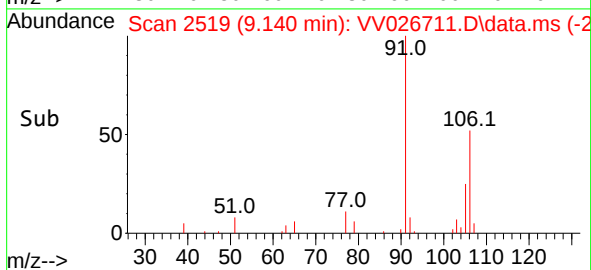
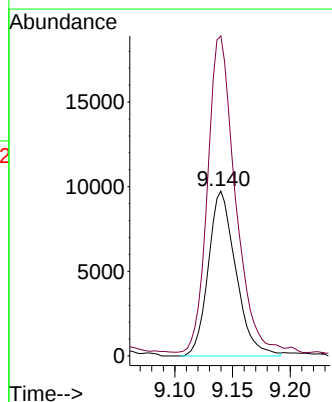
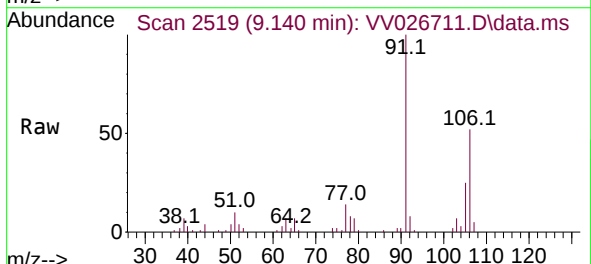
Instrument :
MSVOA_V
ClientSampleId :
VSTD001202

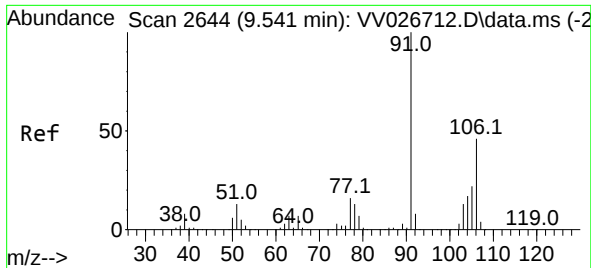
Tgt Ion: 91 Resp: 44839
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.2



#53
m,p-Xylene
Concen: 0.577 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion: 106 Resp: 16120
Ion Ratio Lower Upper
106 100
91 194.1 139.3 258.7

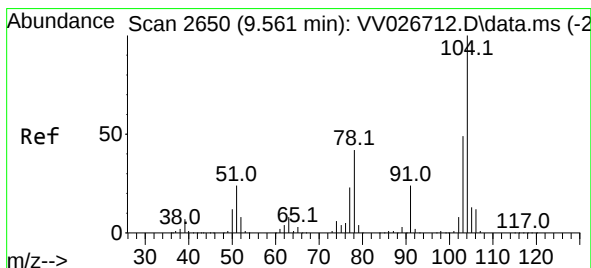
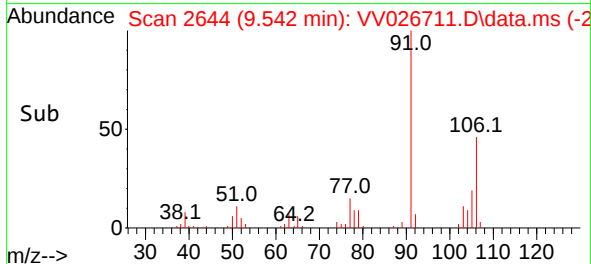
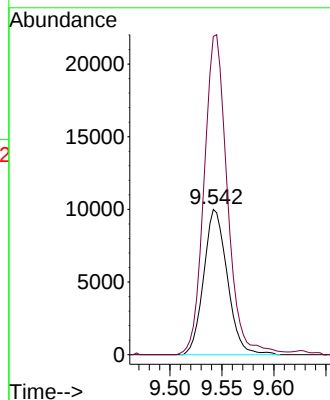
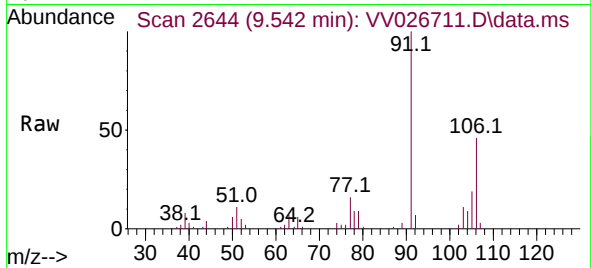




#54
o-Xylene
Concen: 0.606 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

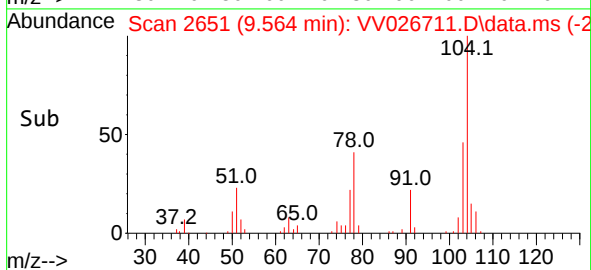
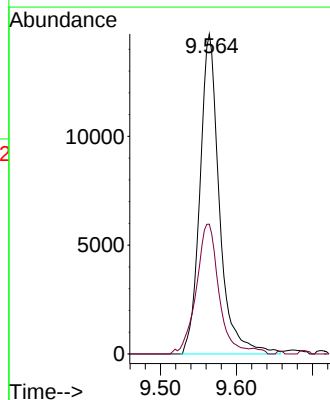
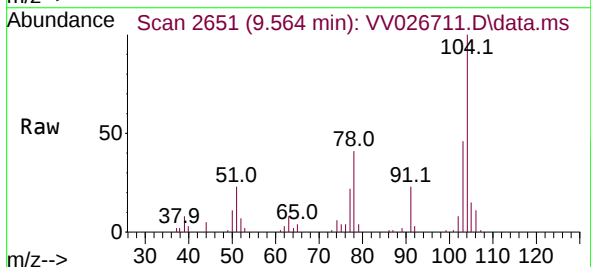
Instrument :
MSVOA_V
ClientSampleId :
VSTD001202

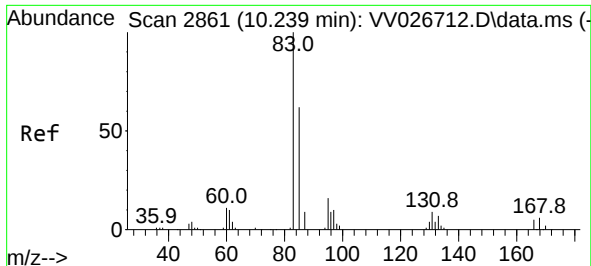
Tgt Ion:106 Resp: 15799
Ion Ratio Lower Upper
106 100
91 219.0 151.1 280.7



#55
Styrene
Concen: 0.566 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion:104 Resp: 26205
Ion Ratio Lower Upper
104 100
78 40.5 29.5 54.9

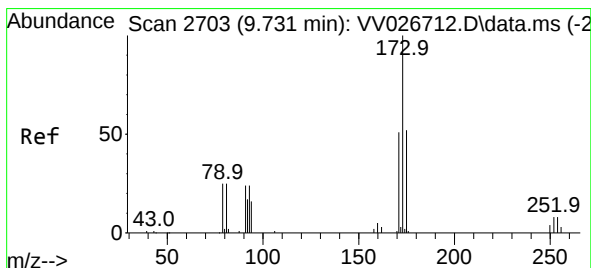
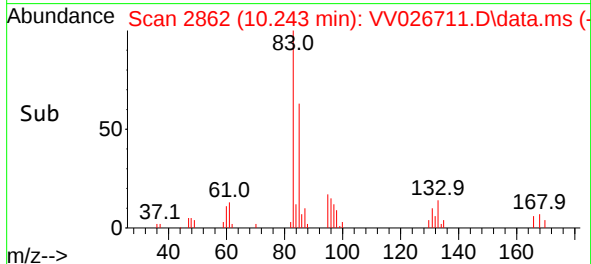
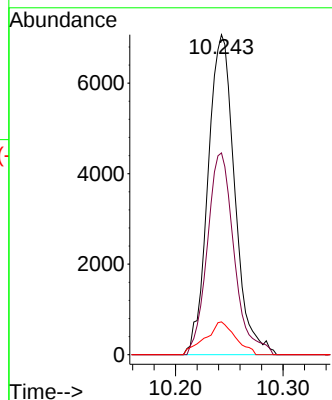
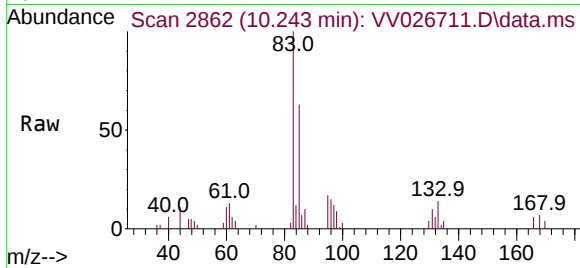




#57
1,1,2,2-Tetrachloroethane
Concen: 0.815 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

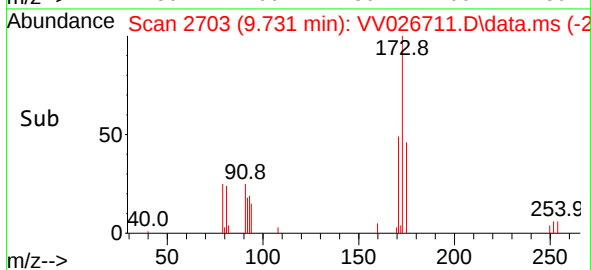
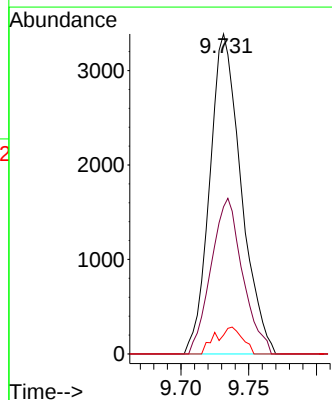
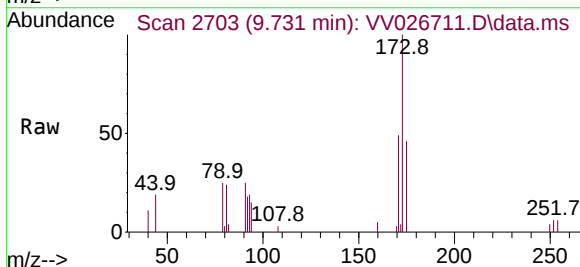
Instrument :
MSVOA_V
ClientSampleId :
VSTD001202

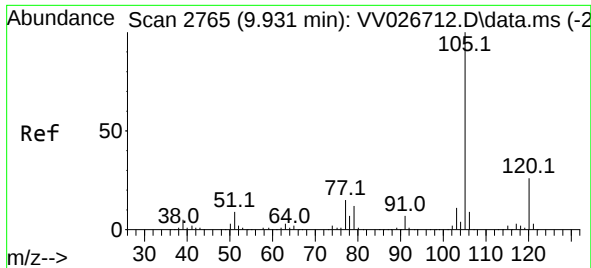
Tgt Ion: 83 Resp: 12186
Ion Ratio Lower Upper
83 100
85 63.0 43.6 81.0
131 10.3 7.4 11.2



#59
Bromoform
Concen: 0.887 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion: 173 Resp: 5456
Ion Ratio Lower Upper
173 100
175 48.8 40.7 61.1
254 7.1 6.5 9.7

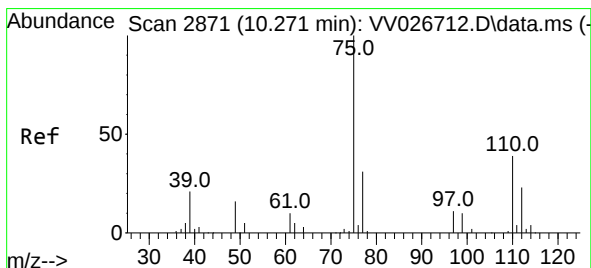
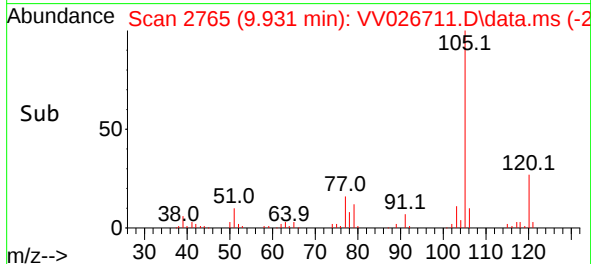
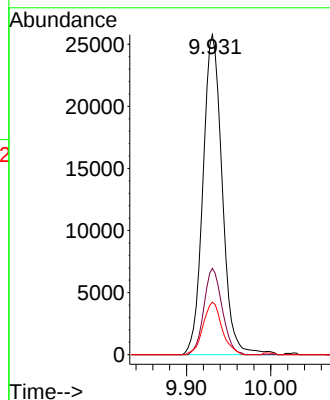
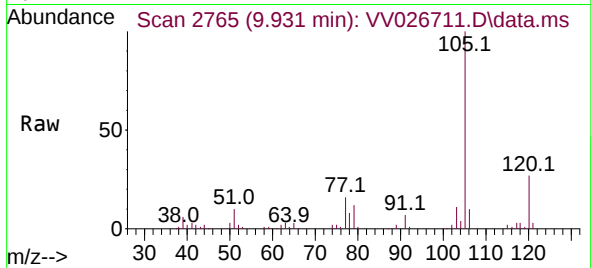




#60
Isopropylbenzene
Concen: 0.693 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

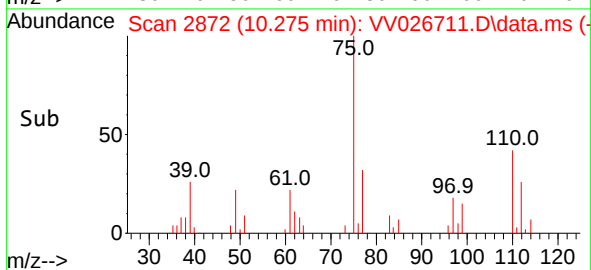
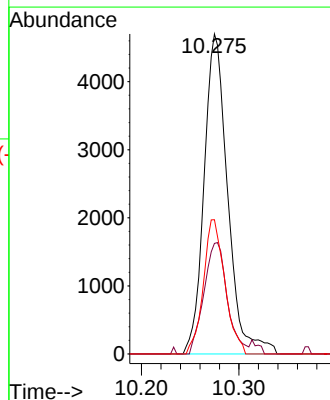
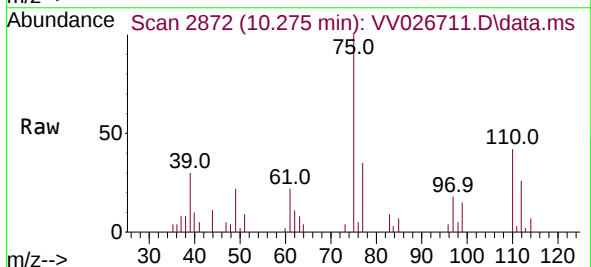
Instrument :
MSVOA_V
ClientSampleId :
VSTD001202

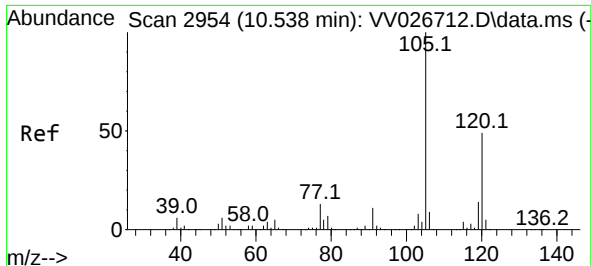
Tgt Ion:105 Resp: 41059
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 16.1 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 0.903 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion: 75 Resp: 7916
Ion Ratio Lower Upper
75 100
77 34.4 25.4 38.0
110 38.0 31.8 47.6

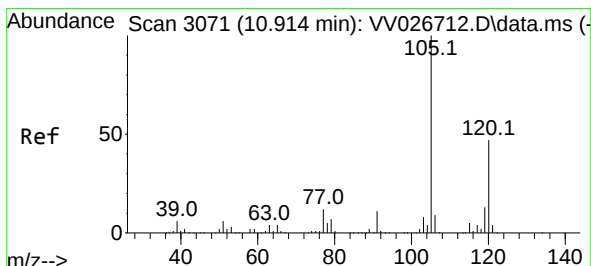
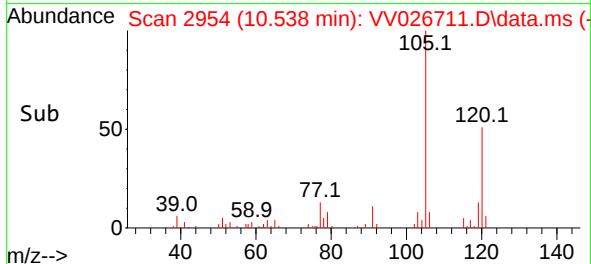
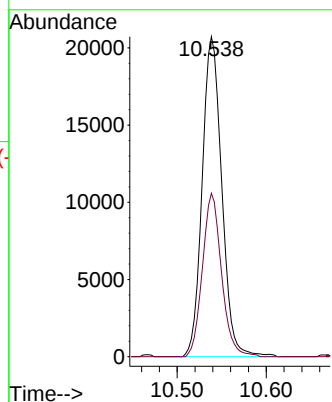
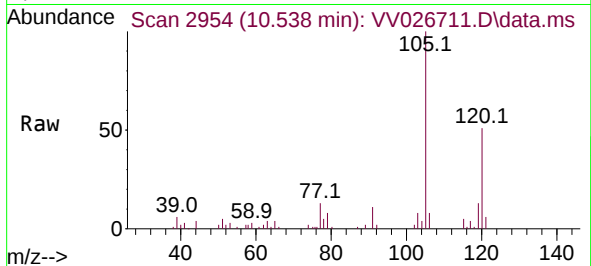




#62
 1,3,5-Trimethylbenzene
 Concen: 0.671 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026711.D
 Acq: 11 Jul 2022 19:30

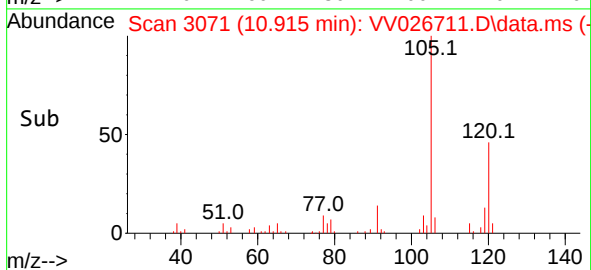
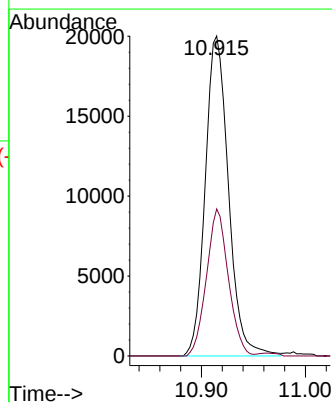
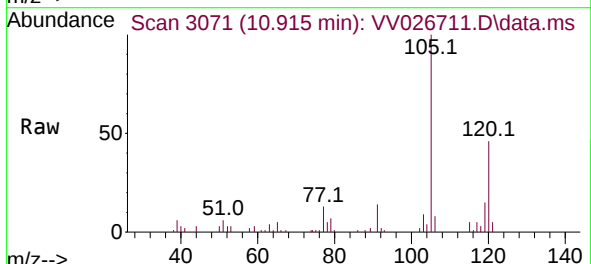
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001202

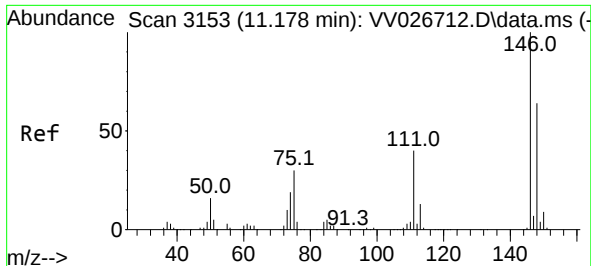
Tgt Ion:105 Resp: 31712
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.648 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV026711.D
 Acq: 11 Jul 2022 19:30

Tgt Ion:105 Resp: 31019
 Ion Ratio Lower Upper
 105 100
 120 43.3 36.8 55.2

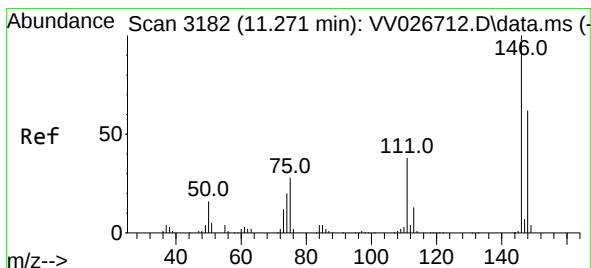
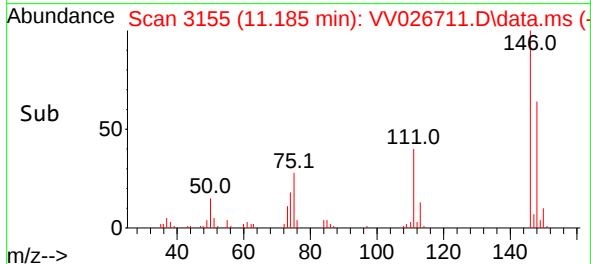
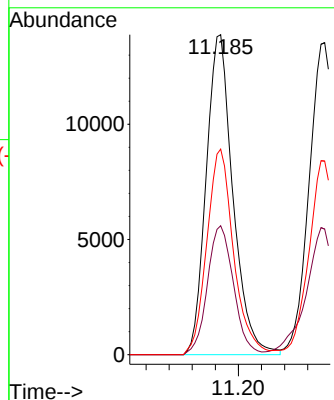
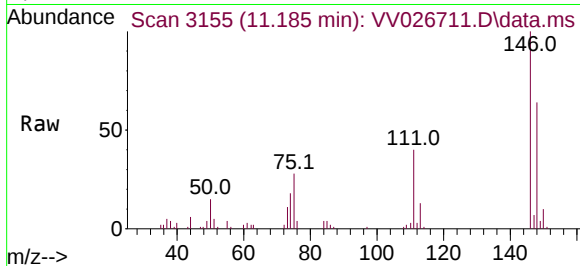




#64
1,3-Dichlorobenzene
Concen: 0.771 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.007 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

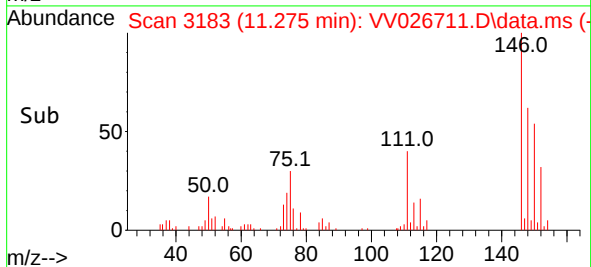
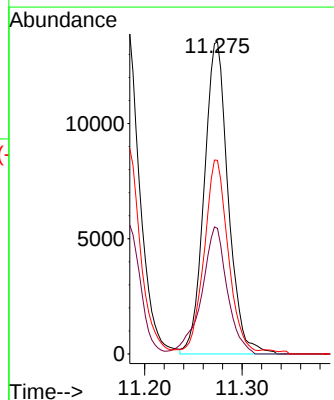
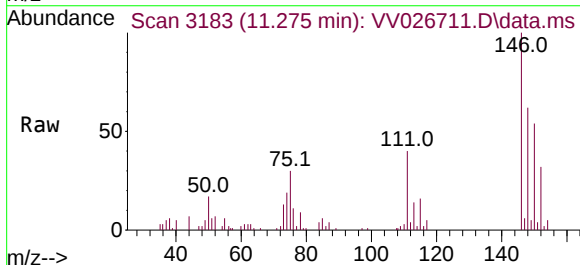
Instrument :
MSVOA_V
ClientSampleId :
VSTD001202

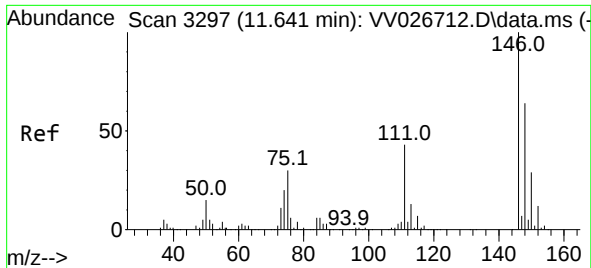
Tgt Ion:146 Resp: 22332
Ion Ratio Lower Upper
146 100
111 40.3 27.9 51.7
148 64.2 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 0.796 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion:146 Resp: 23197
Ion Ratio Lower Upper
146 100
111 40.3 26.8 49.8
148 62.1 43.3 80.5

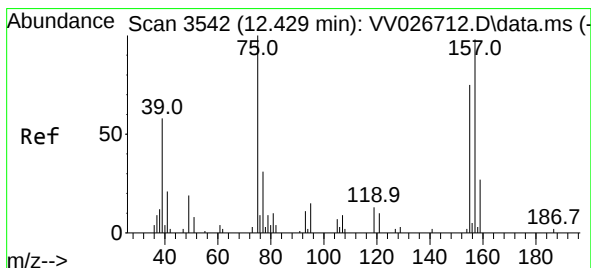
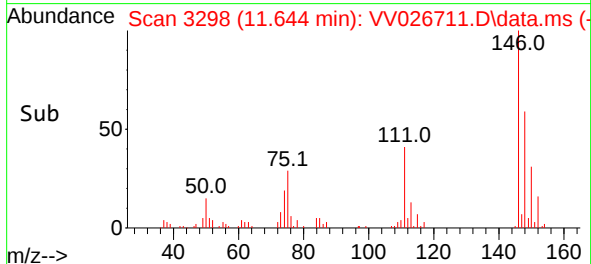
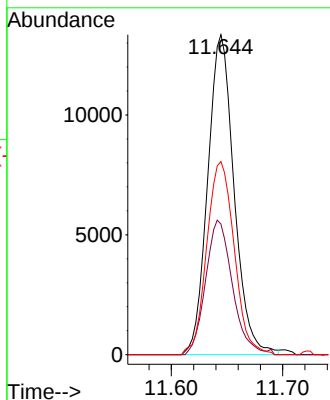
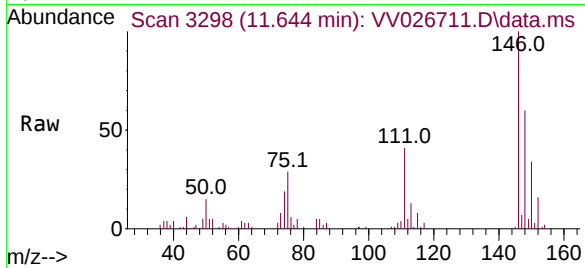




#67
1,2-Dichlorobenzene
Concen: 0.807 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

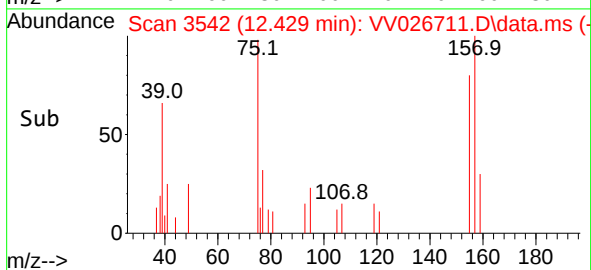
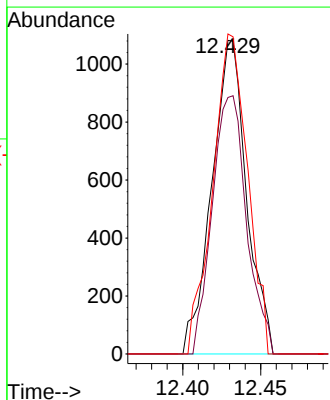
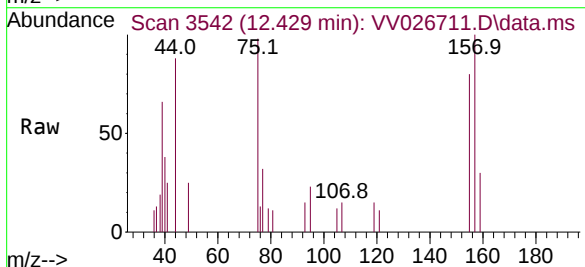
Instrument :
MSVOA_V
ClientSampleId :
VSTD001202

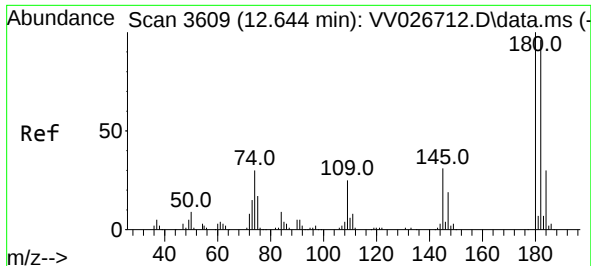
Tgt Ion:146 Resp: 21966
Ion Ratio Lower Upper
146 100
111 40.8 34.6 52.0
148 60.4 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.900 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion: 75 Resp: 1676
Ion Ratio Lower Upper
75 100
155 81.8 60.3 90.5
157 102.0 78.2 117.4





#69

1,3,5-Trichlorobenzene

Concen: 0.782 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026711.D

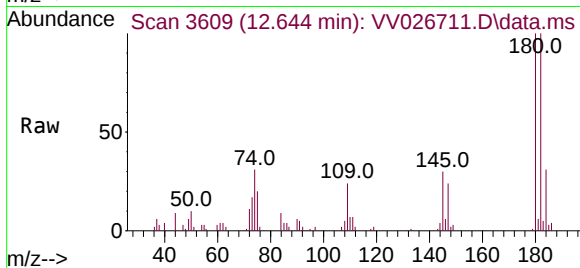
Acq: 11 Jul 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD001202



Tgt Ion:180 Resp: 16021

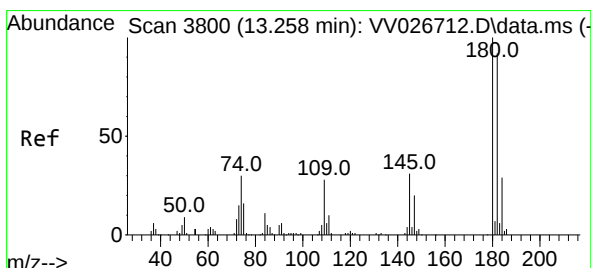
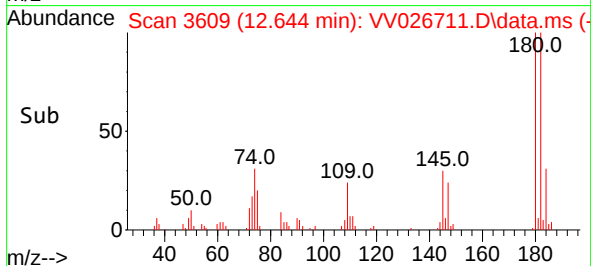
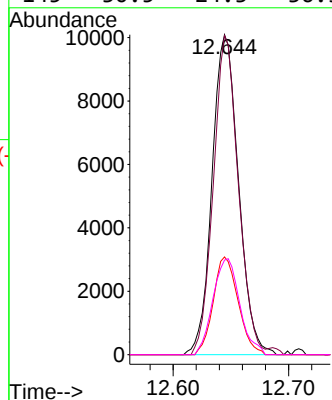
Ion Ratio Lower Upper

180 100

182 94.1 74.0 111.0

184 28.8 23.1 34.7

145 30.5 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 0.785 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV026711.D

Acq: 11 Jul 2022 19:30

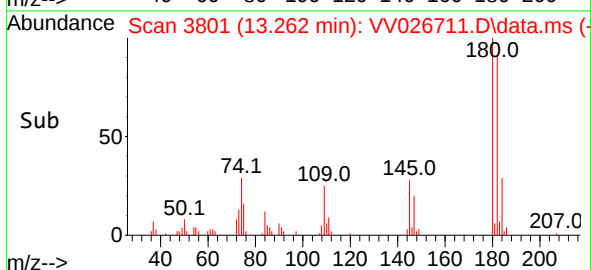
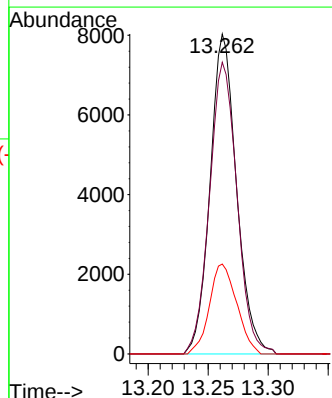
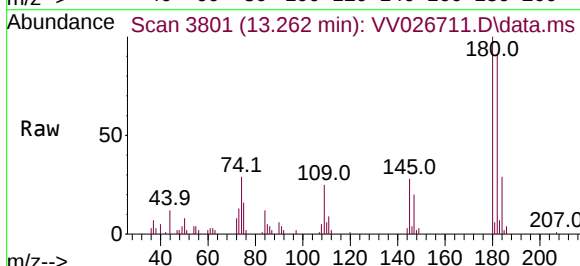
Tgt Ion:180 Resp: 12308

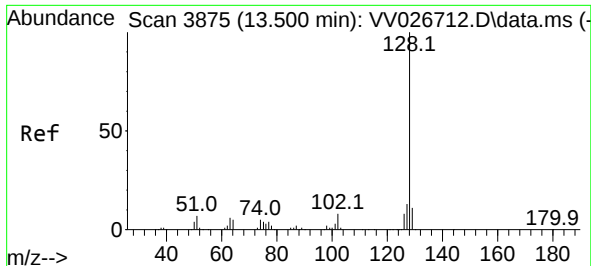
Ion Ratio Lower Upper

180 100

182 94.5 74.7 112.1

145 29.0 24.7 37.1

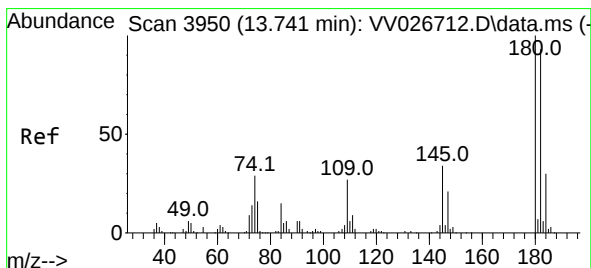
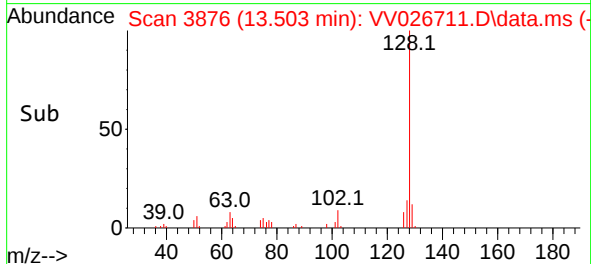
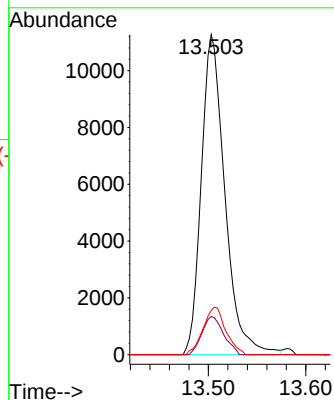
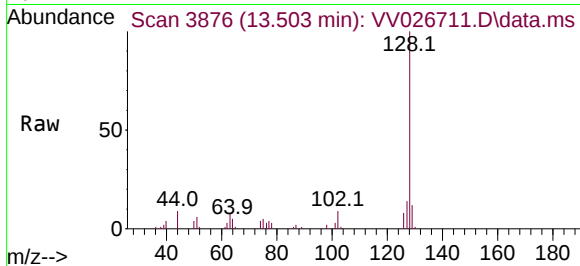




#71
Naphthalene
Concen: 0.729 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD001202

Tgt Ion:128 Resp: 18933
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 14.3 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 0.800 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026711.D
Acq: 11 Jul 2022 19:30

Tgt Ion:180 Resp: 11593
Ion Ratio Lower Upper
180 100
182 91.7 75.0 112.4
145 33.7 26.0 39.0

