

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025192.D
 Acq On : 26 Mar 2022 12:21
 Operator : SY/MD
 Sample : VSTD00126
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001226

Quant Time: Mar 28 01:05:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:02:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	152635	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	147260	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	13725	1.090	ug/L	0.00
7) Chloroethane-d5	1.568	69	11151	1.171	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	28784	1.329	ug/L	0.00
20) 2-Butanone-d5	3.957	46	2871	1.970	ug/L	0.05
24) Chloroform-d	4.355	84	17563	0.883	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.047	65	7703	0.912	ug/L	0.01
32) Benzene-d6	5.056	84	33754	0.803	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	9644	0.800	ug/L	0.00
41) Toluene-d8	7.320	98	29477	0.766	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2850	0.691	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	8970	6.312	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	6749	0.940	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	10491	0.915	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	14780	1.054	ug/L	97
3) Chloromethane	1.240	50	17711	1.273	ug/L	98
5) Vinyl chloride	1.311	62	19147	1.290	ug/L	98
6) Bromomethane	1.523	94	11473	1.224	ug/L	98
8) Chloroethane	1.587	64	12599	1.381	ug/L	99
9) Trichlorofluoromethane	1.754	101	25807	1.270	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	15185	1.370	ug/L	98
12) 1,1-Dichloroethene	2.118	96	14204	1.300	ug/L #	87
14) Carbon disulfide	2.294	76	29209	0.843	ug/L	99
15) Methyl Acetate	2.455	43	2232	0.832	ug/L #	88
16) Methylene chloride	2.510	84	11968	1.008	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	17990	0.855	ug/L #	94
18) trans-1,2-Dichloroethene	2.764	96	10617	0.908	ug/L	96
19) 1,1-Dichloroethane	3.191	63	17570	0.885	ug/L	99
22) cis-1,2-Dichloroethene	3.921	96	10078	0.858	ug/L	95
23) Bromochloromethane	4.265	128	4222	0.889	ug/L	90
25) Chloroform	4.381	83	20063	0.959	ug/L	99
27) 1,2-Dichloroethane	5.140	62	10400	0.990	ug/L #	91
29) 1,1,1-Trichloroethane	4.609	97	16662	0.887	ug/L	97
30) Cyclohexane	4.683	56	14091	0.786	ug/L	99
31) Carbon tetrachloride	4.828	117	13891	0.861	ug/L	100
33) Benzene	5.105	78	39886	0.840	ug/L	100
34) Trichloroethene	5.921	95	11181	0.885	ug/L	95
35) Methylcyclohexane	6.130	83	16173	0.814	ug/L	98
37) 1,2-Dichloropropane	6.178	63	9717	0.893	ug/L #	96
38) Bromodichloromethane	6.516	83	11307	0.820	ug/L	91
39) cis-1,3-Dichloropropene	7.037	75	10386	0.696	ug/L	91
40) 4-Methyl-2-pentanone	7.233	43	33709	7.631	ug/L	98
42) Toluene	7.391	91	41051	0.822	ug/L	98
44) trans-1,3-Dichloropropene	7.658	75	8270	0.708	ug/L	85
45) 1,1,2-Trichloroethane	7.847	97	6472	0.885	ug/L	94
47) Tetrachloroethene	7.976	164	8063	0.887	ug/L	94

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 ALS Vial : 3 Sample Multiplier: 1

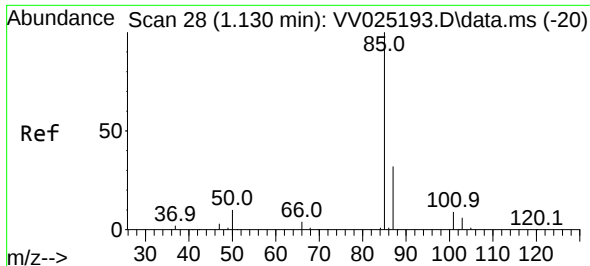
Instrument :
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Quant Time: Mar 28 01:05:18 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) 2-Hexanone	8.149	43	23166	7.336	ug/L	99
49) Dibromochloromethane	8.246	129	6421	0.793	ug/L	86
50) 1,2-Dibromoethane	8.358	107	5876	0.877	ug/L #	87
51) Chlorobenzene	8.883	112	27215	0.867	ug/L	96
52) Ethylbenzene	9.014	91	41656	0.790	ug/L	99
53) m,p-Xylene	9.140	106	16020	0.790	ug/L	92
54) o-Xylene	9.545	106	14710	0.756	ug/L	98
55) Styrene	9.564	104	23791	0.749	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.243	83	6909	0.959	ug/L	100
59) Bromoform	9.735	173	2437	0.694	ug/L #	90
60) Isopropylbenzene	9.931	105	39294	0.777	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	5274	0.928	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	17269	0.759	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	29056	0.718	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	20418	0.919	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	19952	0.890	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	17536	0.887	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.432	75	905	0.931	ug/L #	65
69) 1,3,5-Trichlorobenzene	12.644	180	14097	0.894	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	10363	0.849	ug/L	97
71) Naphthalene	13.503	128	15391	0.766	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	8566	0.827	ug/L	98

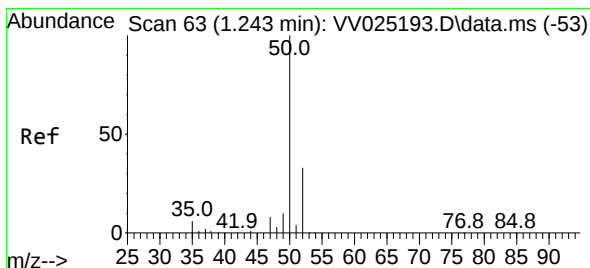
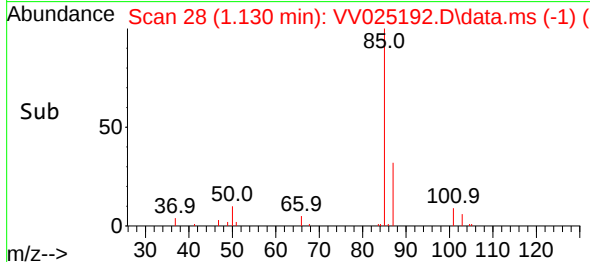
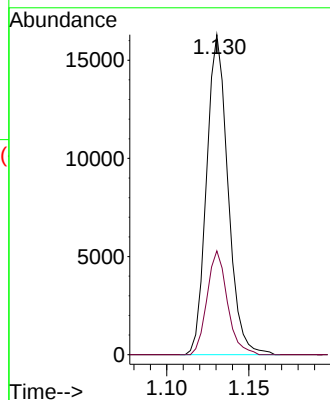
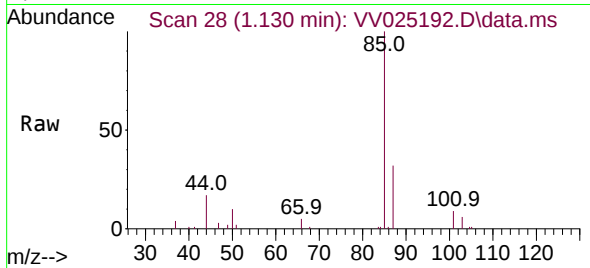
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 1.054 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025192.D
 Acq: 26 Mar 2022 12:21

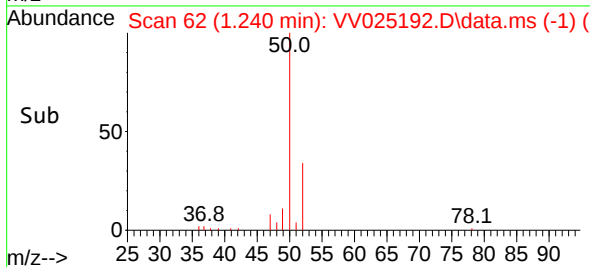
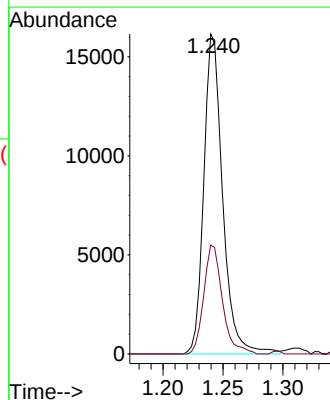
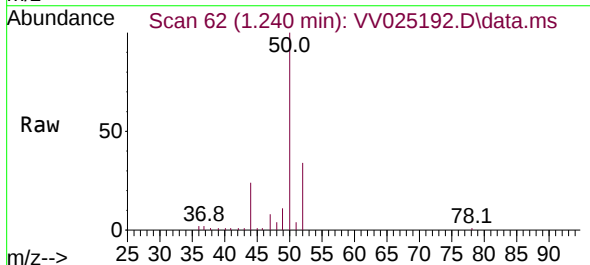
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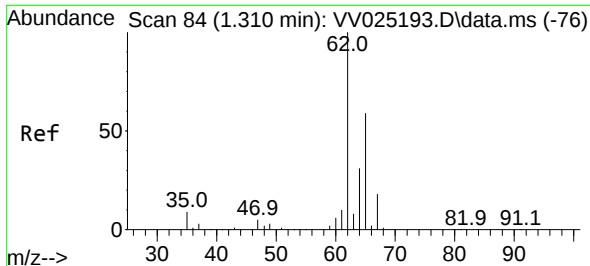
Tgt Ion: 85 Resp: 14780
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.8 38.6



#3
 Chloromethane
 Concen: 1.273 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV025192.D
 Acq: 26 Mar 2022 12:21

Tgt Ion: 50 Resp: 17711
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.9 42.5

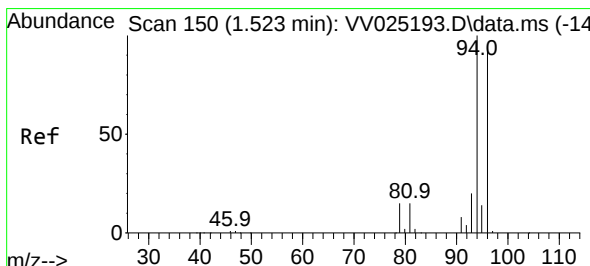
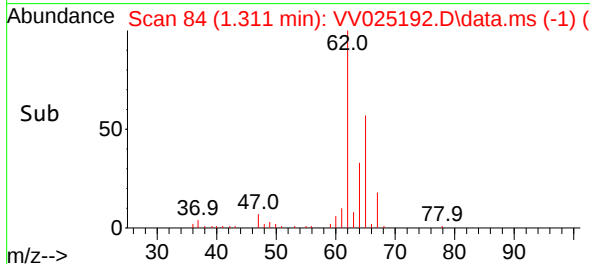
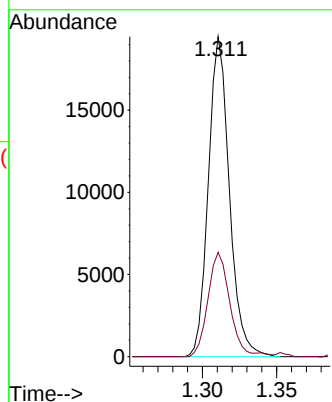
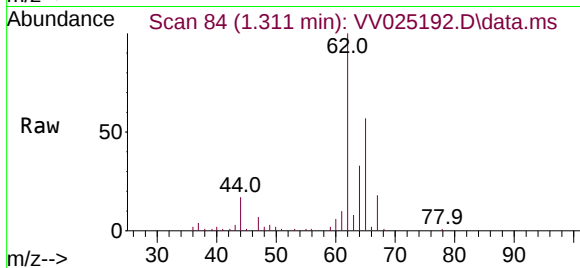




#5
 Vinyl chloride
 Concen: 1.290 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025192.D
 Acq: 26 Mar 2022 12:21

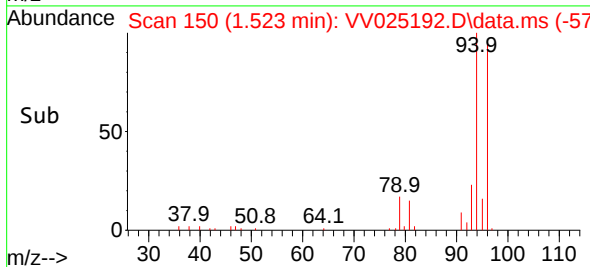
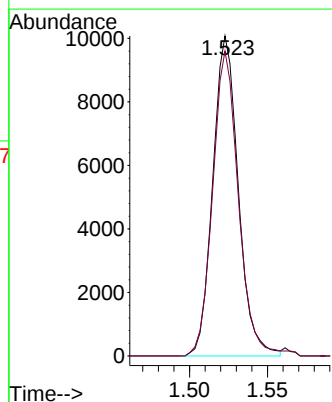
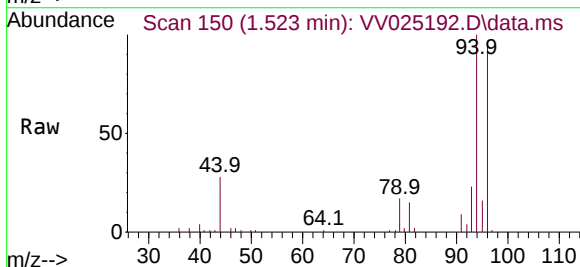
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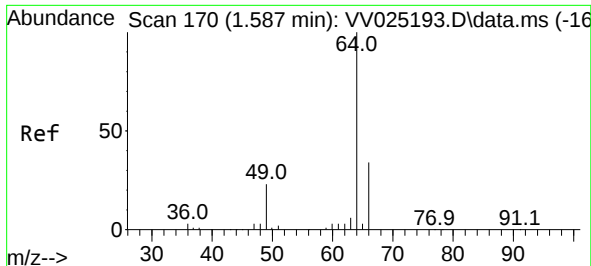
Tgt Ion: 62 Resp: 19147
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.0 40.8



#6
 Bromomethane
 Concen: 1.224 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025192.D
 Acq: 26 Mar 2022 12:21

Tgt Ion: 94 Resp: 11473
 Ion Ratio Lower Upper
 94 100
 96 95.3 65.5 121.7

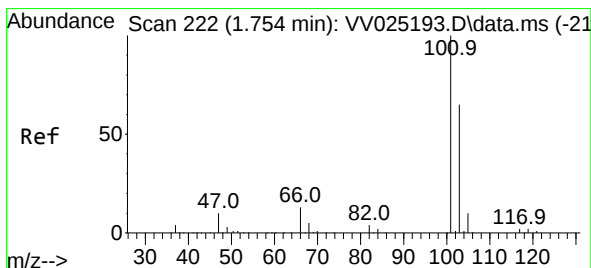
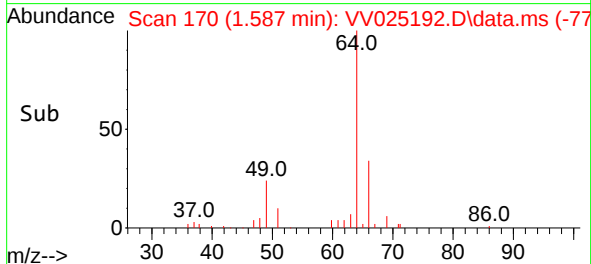
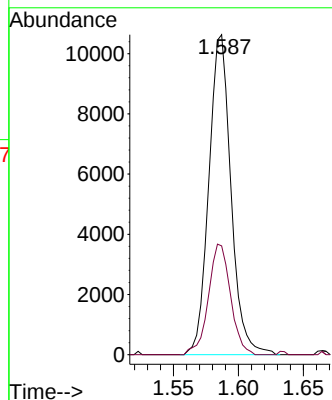
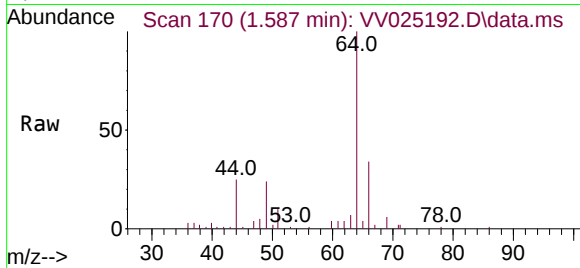




#8
Chloroethane
Concen: 1.381 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

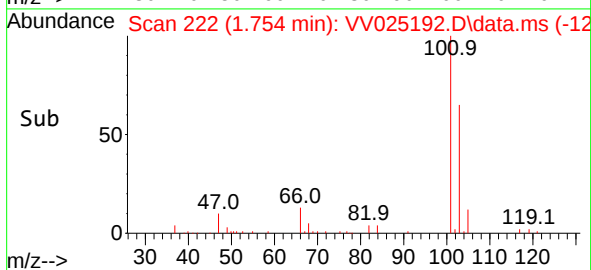
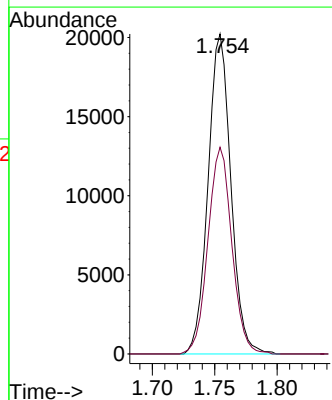
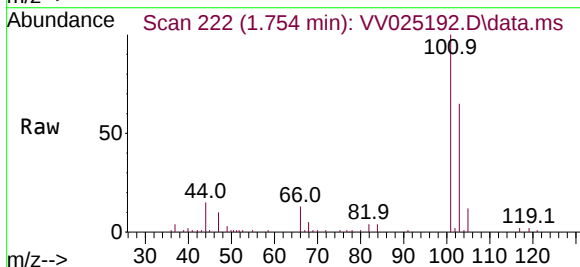
Instrument :
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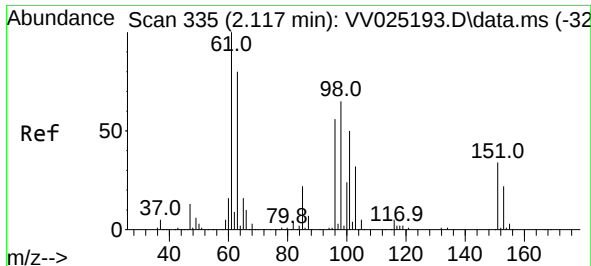
Tgt Ion: 64 Resp: 12599
Ion Ratio Lower Upper
64 100
66 34.0 23.5 43.7



#9
Trichlorofluoromethane
Concen: 1.270 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion: 101 Resp: 25807
Ion Ratio Lower Upper
101 100
103 67.5 52.2 78.2

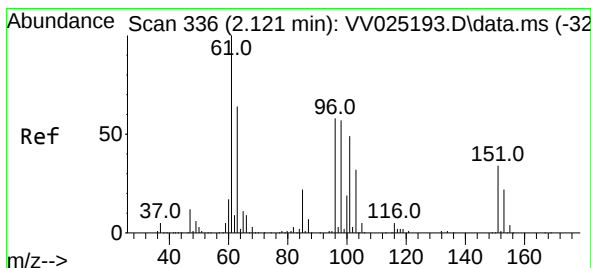
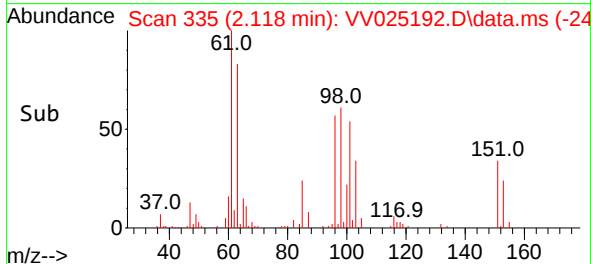
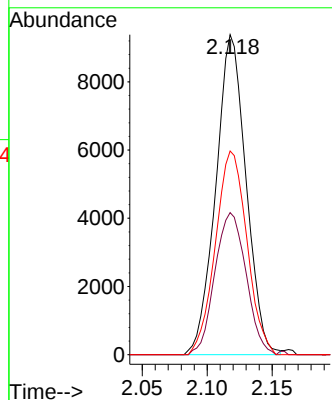
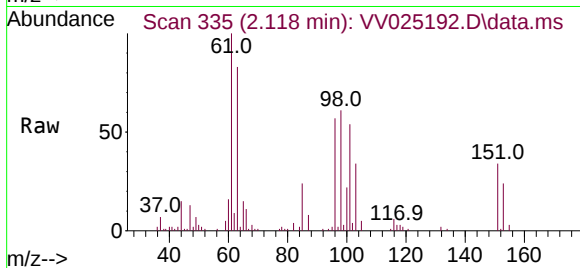




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.370 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025192.D
 Acq: 26 Mar 2022 12:21

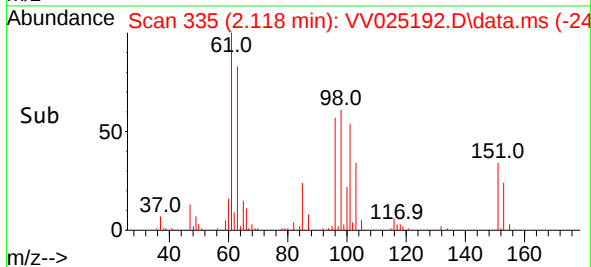
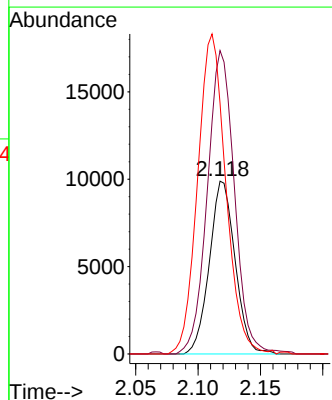
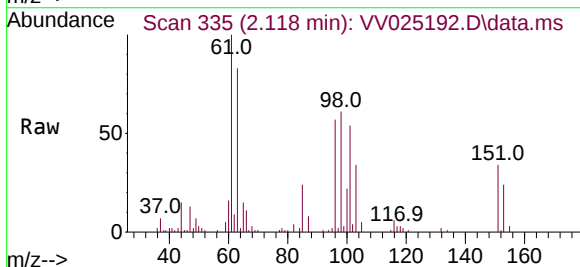
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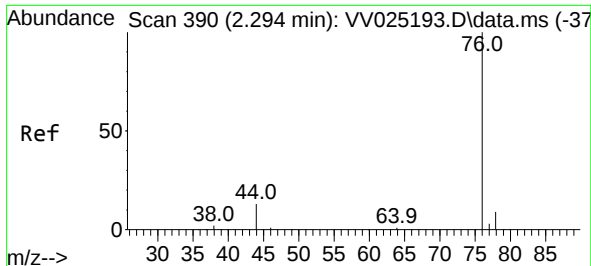
Tgt Ion: 101 Resp: 15185
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.0 54.0
 151 66.2 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 1.300 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025192.D
 Acq: 26 Mar 2022 12:21

Tgt Ion: 96 Resp: 14204
 Ion Ratio Lower Upper
 96 100
 61 175.5 121.5 225.7
 63 145.0 77.9 144.7

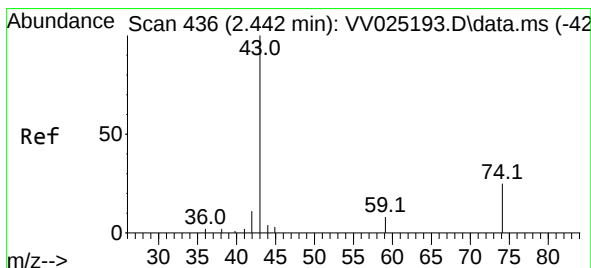
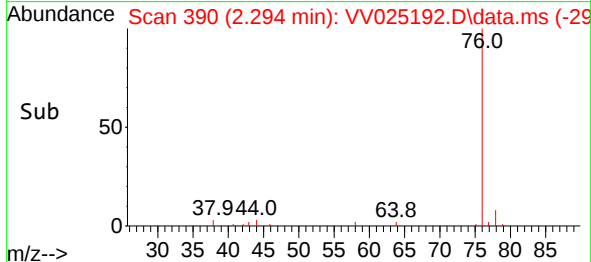
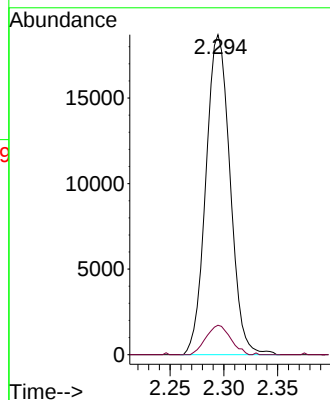
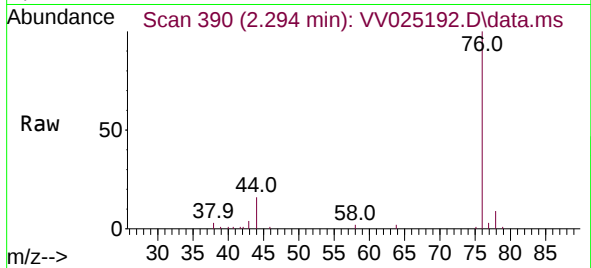




#14
Carbon disulfide
Concen: 0.843 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

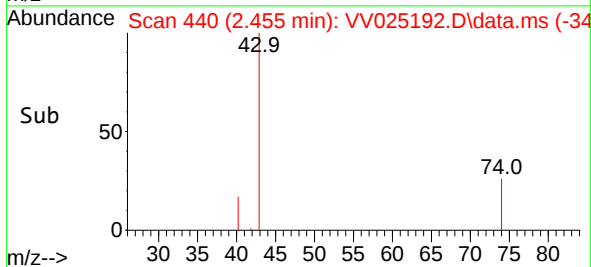
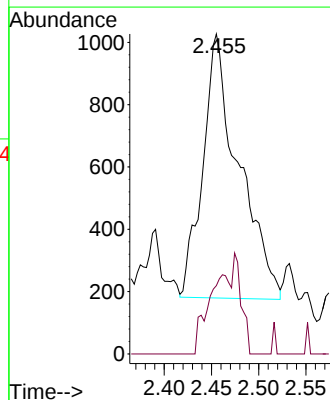
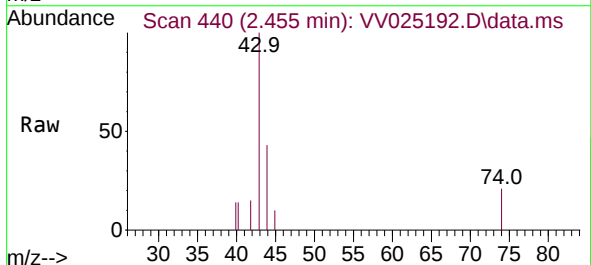
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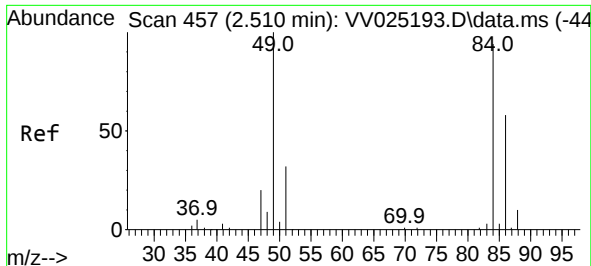
Tgt Ion: 76 Resp: 29209
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#15
Methyl Acetate
Concen: 0.832 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.013 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion: 43 Resp: 2232
Ion Ratio Lower Upper
43 100
74 19.8 20.9 31.3#

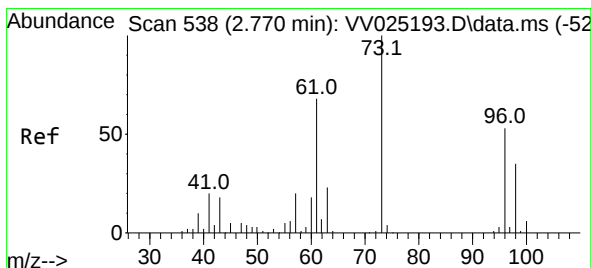
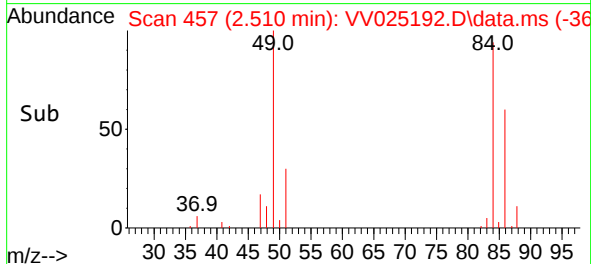
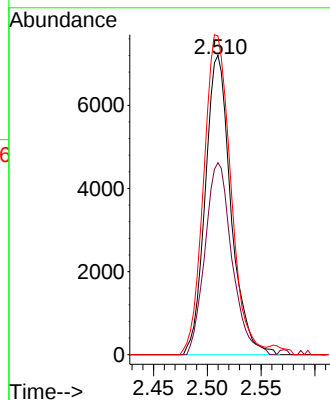
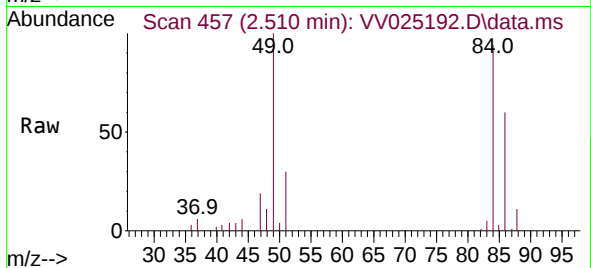




#16
Methylene chloride
Concen: 1.008 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

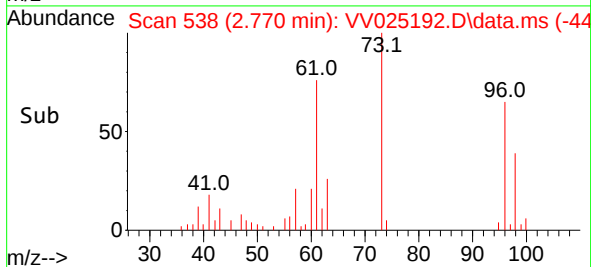
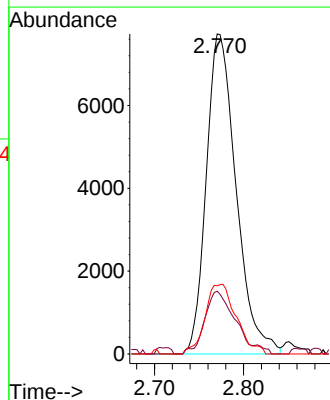
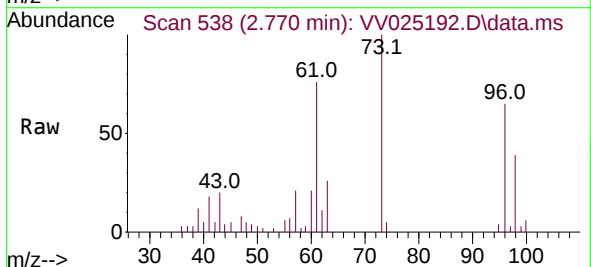
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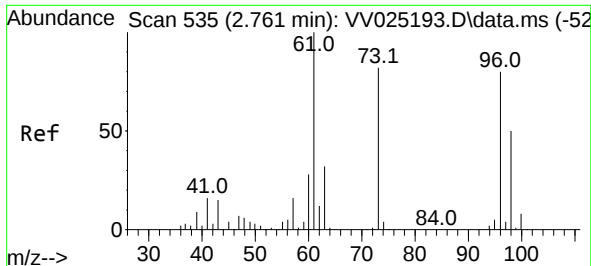
Tgt Ion: 84 Resp: 11968
Ion Ratio Lower Upper
84 100
86 64.2 43.5 80.7
49 106.5 74.5 138.3



#17
Methyl tert-butyl Ether
Concen: 0.855 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion: 73 Resp: 17990
Ion Ratio Lower Upper
73 100
43 20.3 13.5 20.3#
57 22.6 16.4 24.6

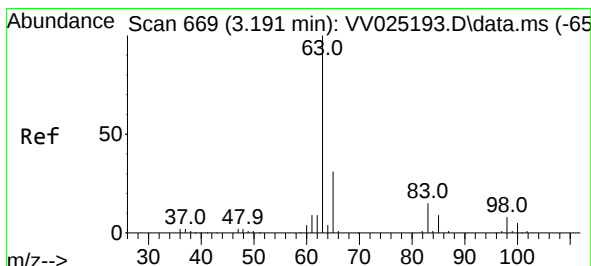
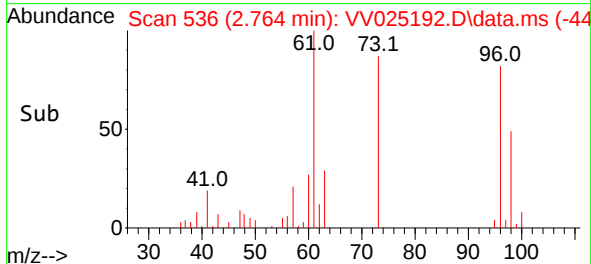
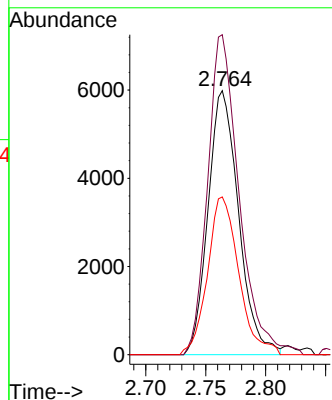
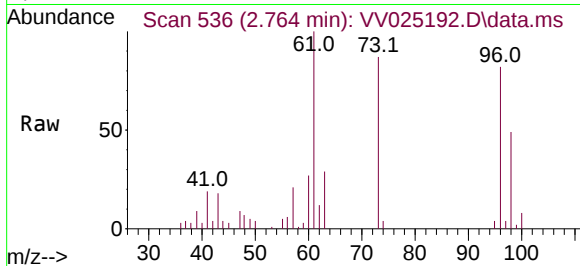




#18
trans-1,2-Dichloroethene
Concen: 0.908 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

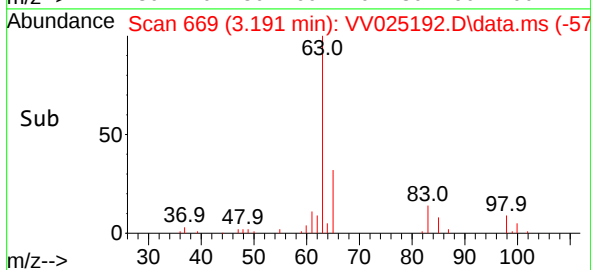
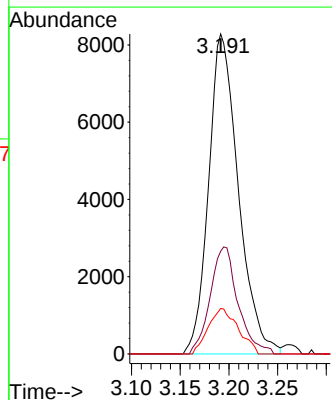
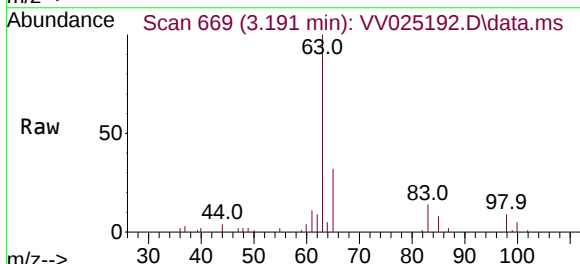
Instrument :
MSVOA_V
ClientSampleId :
VSTD001226

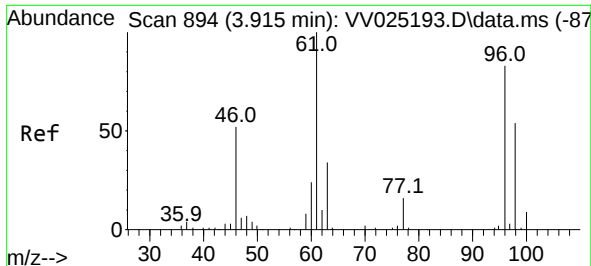
Tgt Ion: 96 Resp: 10617
Ion Ratio Lower Upper
96 100
61 121.2 87.6 162.8
98 59.8 44.0 81.8



#19
1,1-Dichloroethane
Concen: 0.885 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion: 63 Resp: 17570
Ion Ratio Lower Upper
63 100
65 32.1 22.0 40.8
83 14.2 10.2 19.0

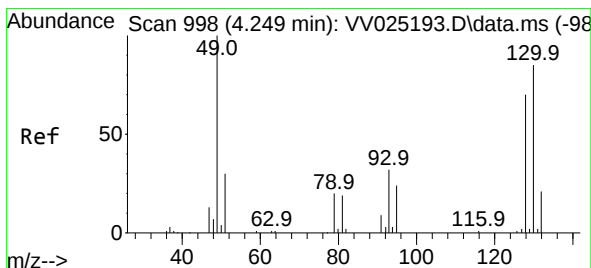
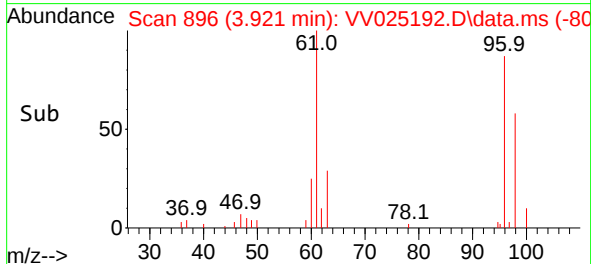
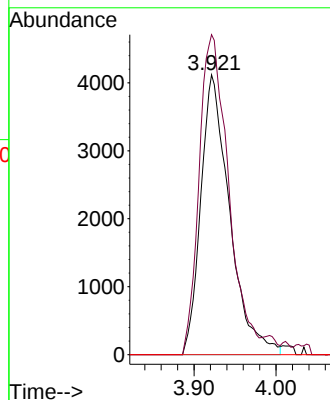
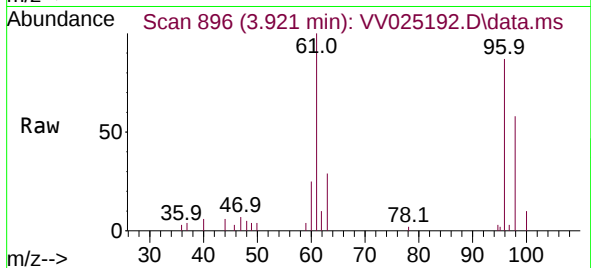




#22
 cis-1,2-Dichloroethene
 Concen: 0.858 ug/L
 RT: 3.921 min Scan# 894
 Delta R.T. 0.007 min
 Lab File: VV025192.D
 Acq: 26 Mar 2022 12:21

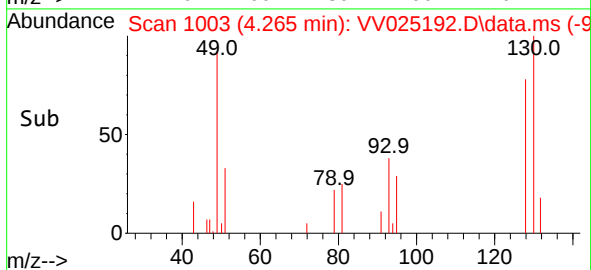
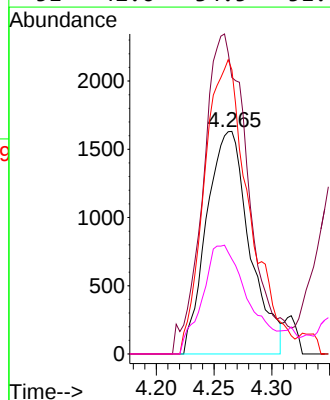
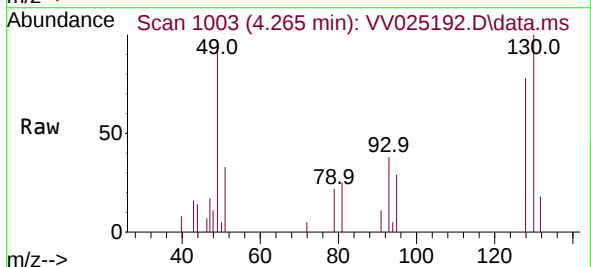
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001226

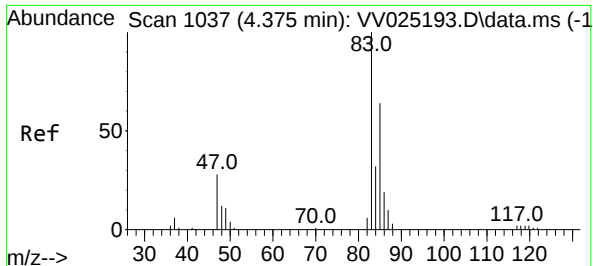
Tgt Ion: 96 Resp: 10078
 Ion Ratio Lower Upper
 96 100
 61 114.3 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.889 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. 0.016 min
 Lab File: VV025192.D
 Acq: 26 Mar 2022 12:21

Tgt Ion: 128 Resp: 4222
 Ion Ratio Lower Upper
 128 100
 49 124.2 101.4 188.4
 130 127.7 85.0 158.0
 51 42.6 34.5 51.7





#25

Chloroform

Concen: 0.959 ug/L

RT: 4.381 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VV025192.D

Acq: 26 Mar 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

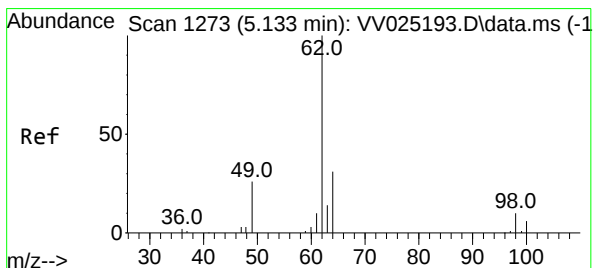
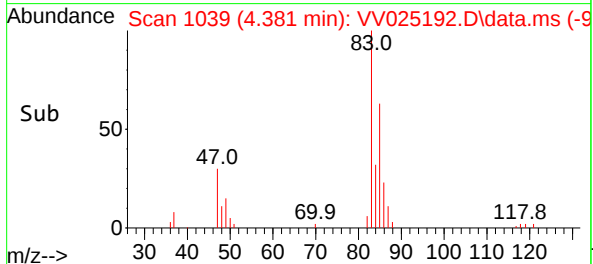
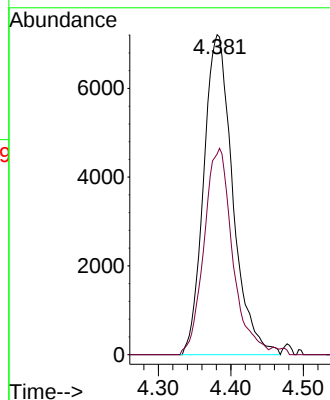
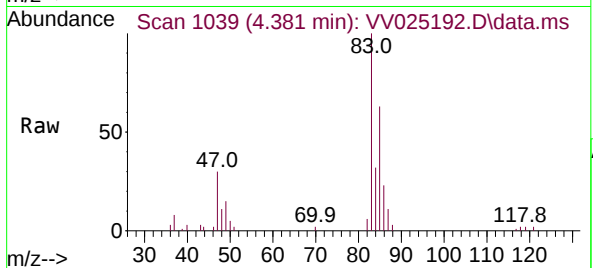
VSTD001226

Tgt Ion: 83 Resp: 20063

Ion Ratio Lower Upper

83 100

85 62.8 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.990 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.007 min

Lab File: VV025192.D

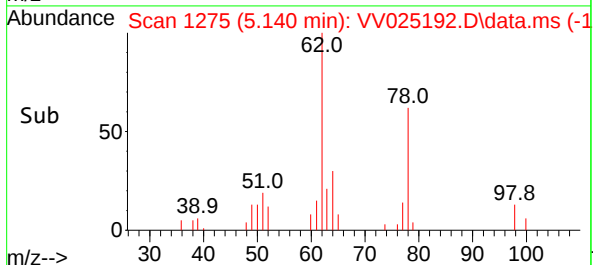
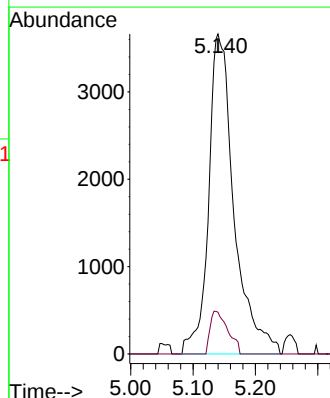
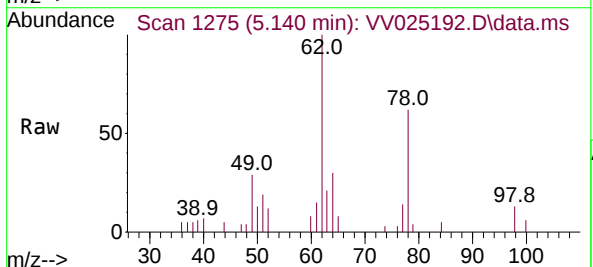
Acq: 26 Mar 2022 12:21

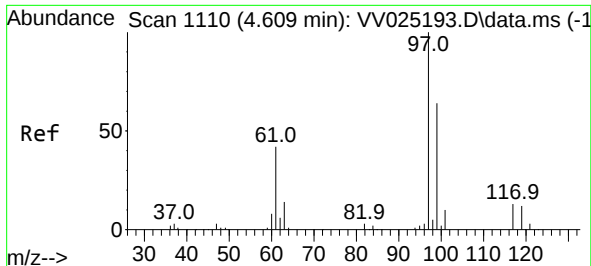
Tgt Ion: 62 Resp: 10400

Ion Ratio Lower Upper

62 100

98 13.0 7.9 11.9

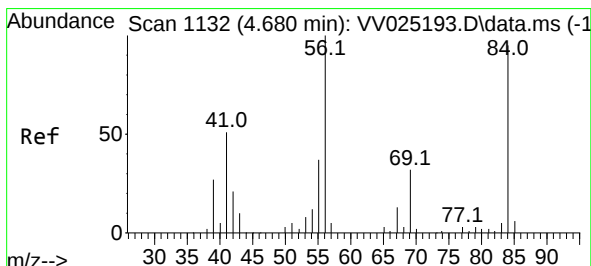
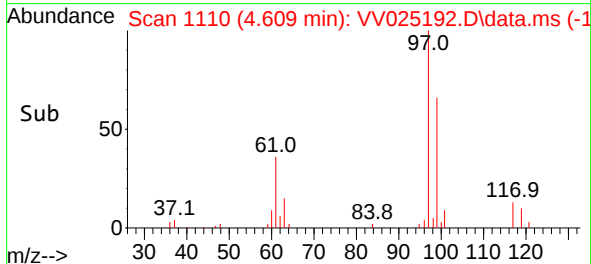
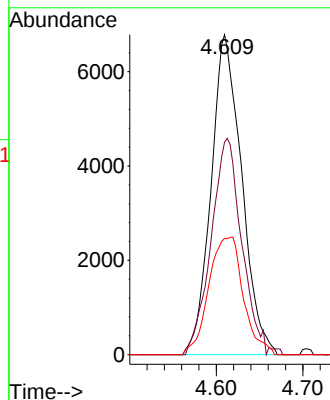
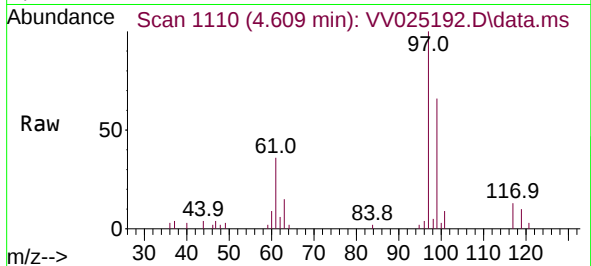




#29
1,1,1-Trichloroethane
Concen: 0.887 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

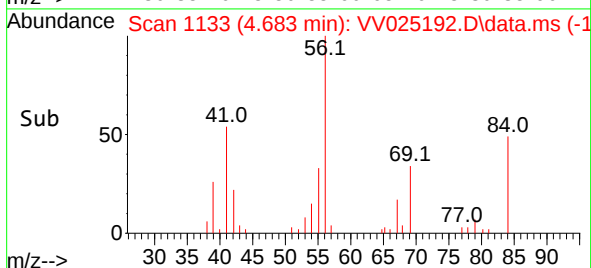
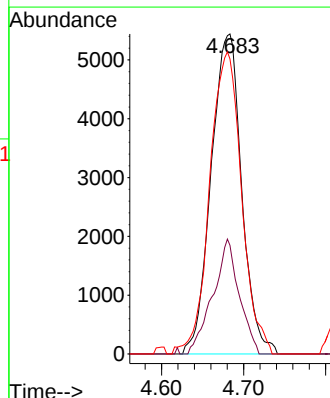
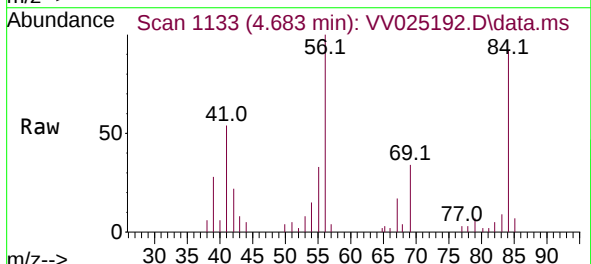
Instrument :
MSVOA_V
ClientSampleId :
VSTD001226

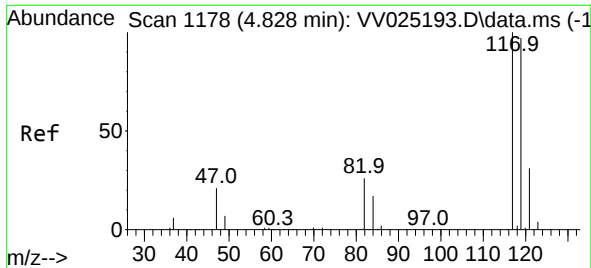
Tgt Ion: 97	Resp: 16662
Ion Ratio	Lower Upper
97 100	
99 67.6	51.9 77.9
61 41.3	34.2 51.2



#30
Cyclohexane
Concen: 0.786 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion: 56	Resp: 14091
Ion Ratio	Lower Upper
56 100	
69 30.9	25.3 37.9
84 98.4	78.4 117.6

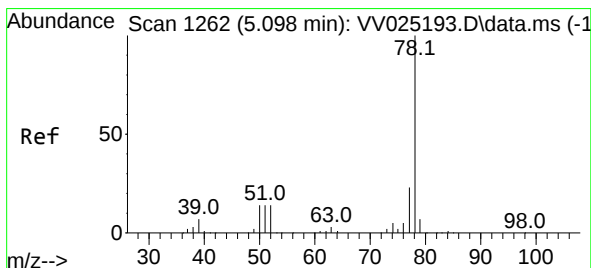
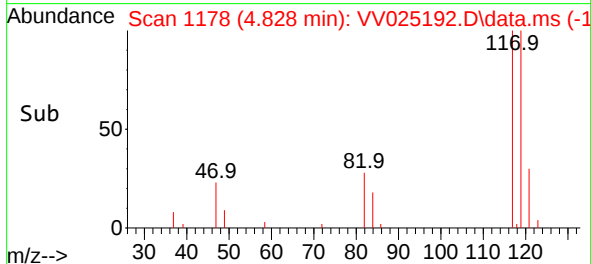
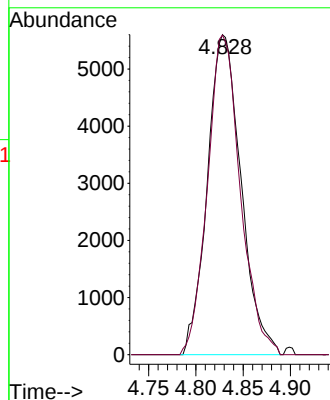
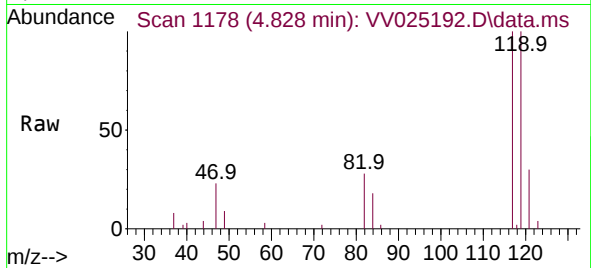




#31
Carbon tetrachloride
Concen: 0.861 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

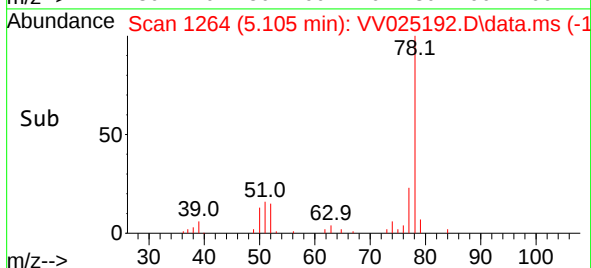
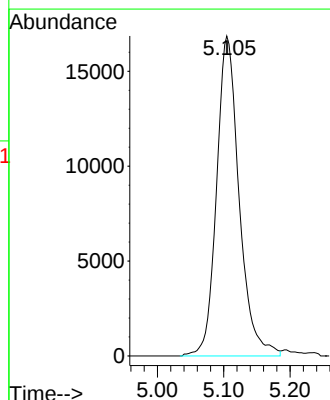
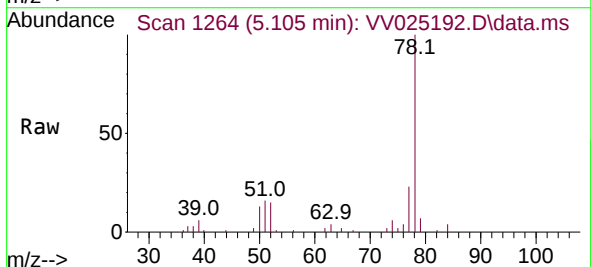
Instrument :
MSVOA_V
ClientSampleId :
VSTD001226

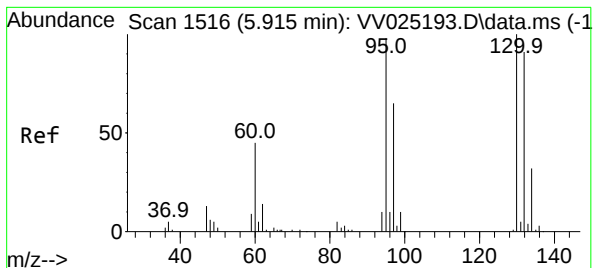
Tgt Ion:117 Resp: 13891
Ion Ratio Lower Upper
117 100
119 97.1 77.8 116.6



#33
Benzene
Concen: 0.840 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion: 78 Resp: 39886





#34

Trichloroethene

Concen: 0.885 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV025192.D

Acq: 26 Mar 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD001226

Tgt Ion: 95 Resp: 11181

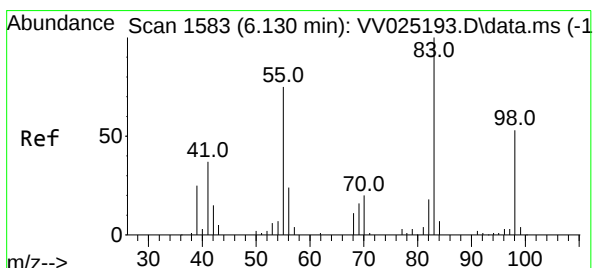
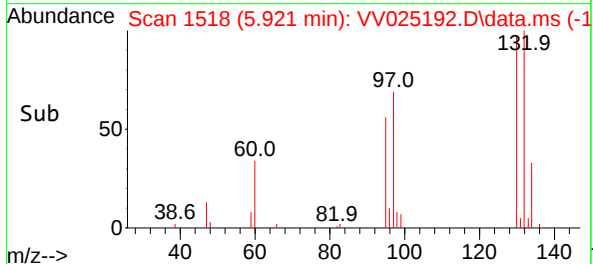
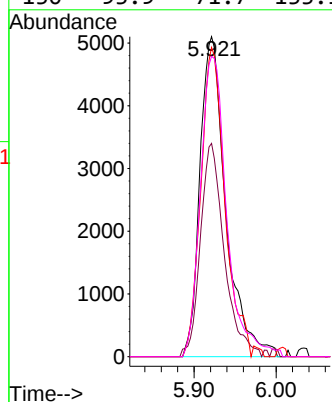
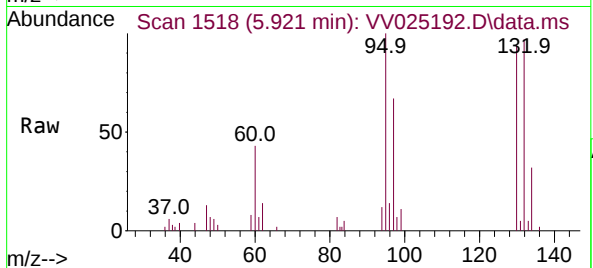
Ion Ratio Lower Upper

95 100

97 66.6 46.3 85.9

132 96.6 65.2 121.2

130 93.9 71.7 133.1



#35

Methylcyclohexane

Concen: 0.814 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV025192.D

Acq: 26 Mar 2022 12:21

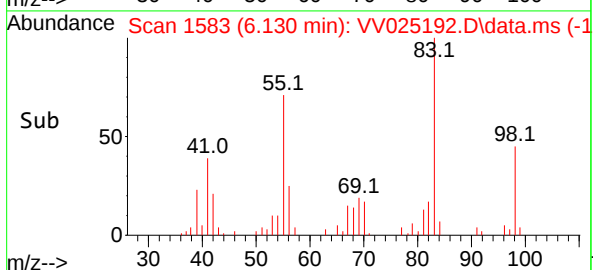
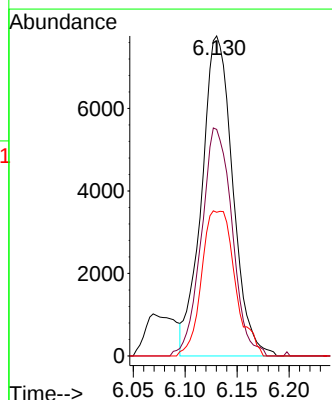
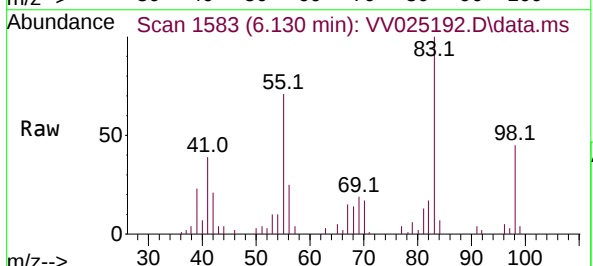
Tgt Ion: 83 Resp: 16173

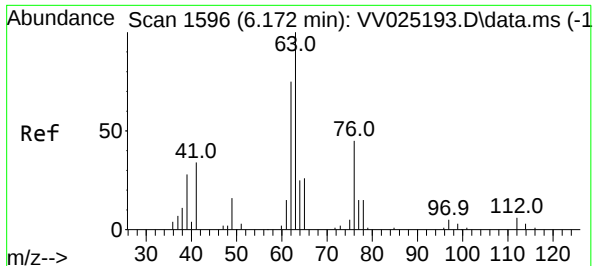
Ion Ratio Lower Upper

83 100

55 70.1 54.6 81.8

98 48.4 39.8 59.6





#37

1,2-Dichloropropane

Concen: 0.893 ug/L

RT: 6.178 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV025192.D

Acq: 26 Mar 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

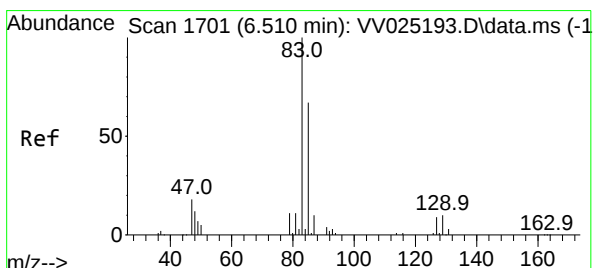
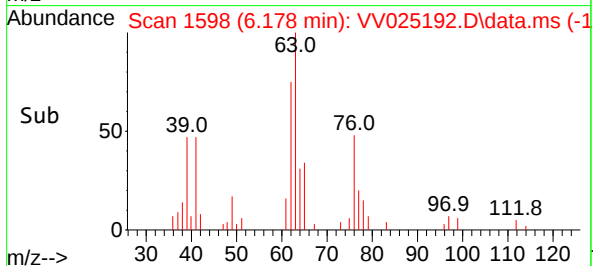
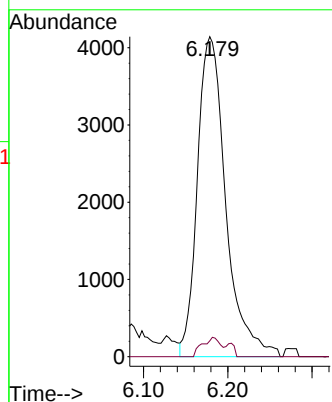
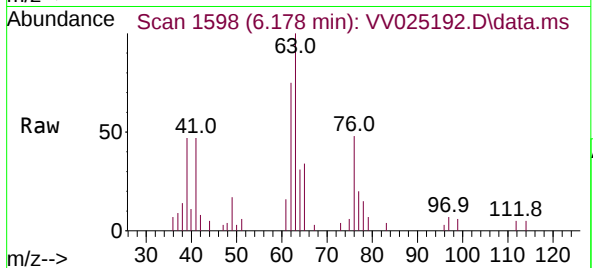
VSTD001226

Tgt Ion: 63 Resp: 9717

Ion Ratio Lower Upper

63 100

112 3.8 4.2 6.2#



#38

Bromodichloromethane

Concen: 0.820 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.007 min

Lab File: VV025192.D

Acq: 26 Mar 2022 12:21

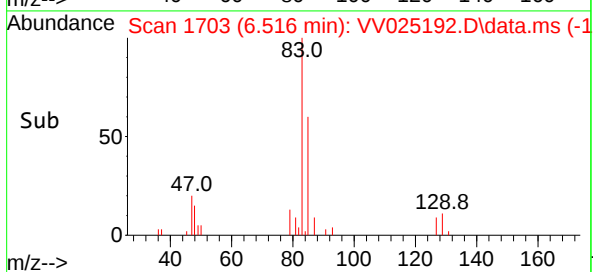
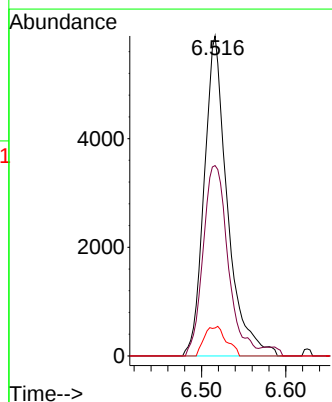
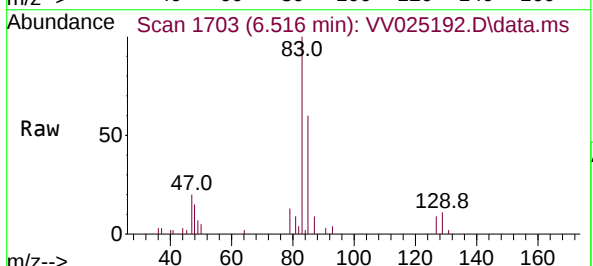
Tgt Ion: 83 Resp: 11307

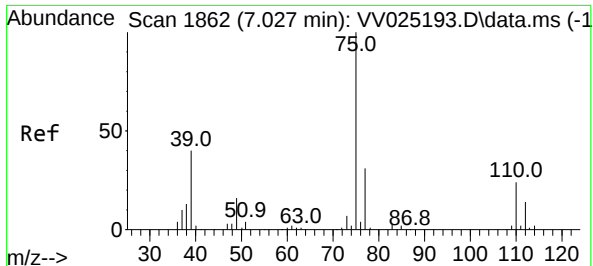
Ion Ratio Lower Upper

83 100

85 59.5 47.2 87.6

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.696 ug/L

RT: 7.037 min Scan# 1865

Delta R.T. 0.010 min

Lab File: VV025192.D

Acq: 26 Mar 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

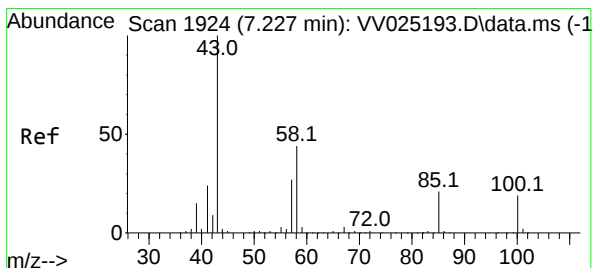
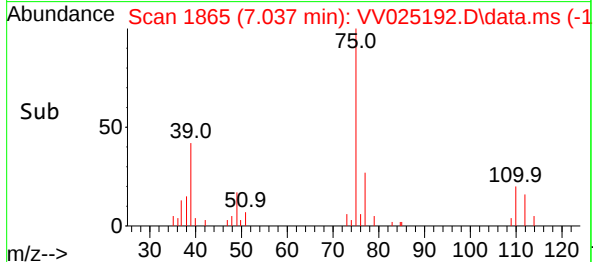
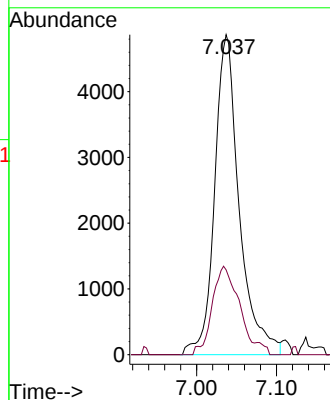
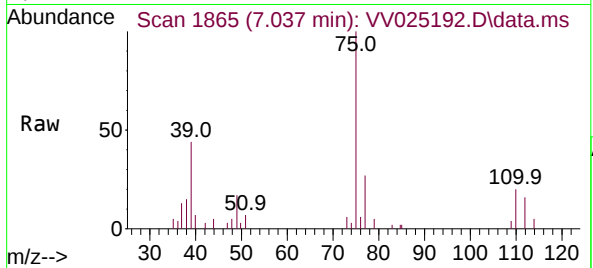
VSTD001226

Tgt Ion: 75 Resp: 10386

Ion Ratio Lower Upper

75 100

77 26.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 7.631 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.007 min

Lab File: VV025192.D

Acq: 26 Mar 2022 12:21

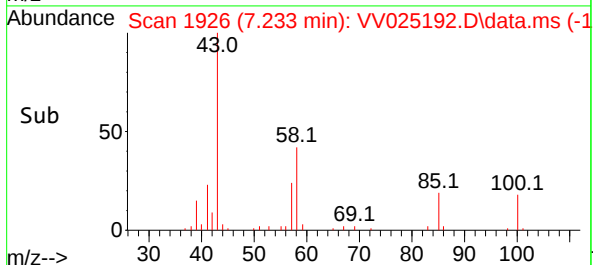
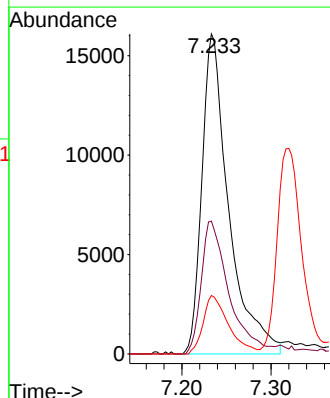
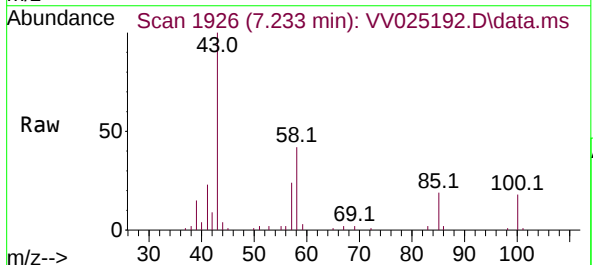
Tgt Ion: 43 Resp: 33709

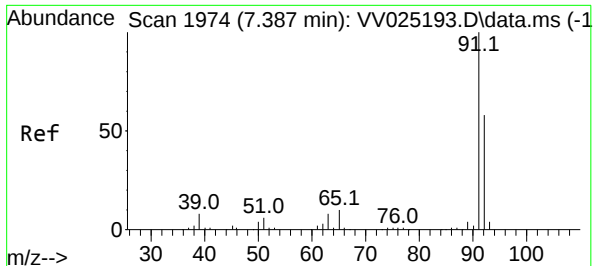
Ion Ratio Lower Upper

43 100

58 43.0 35.1 52.7

100 17.3 15.5 23.3





#42

Toluene

Concen: 0.822 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV025192.D

Acq: 26 Mar 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

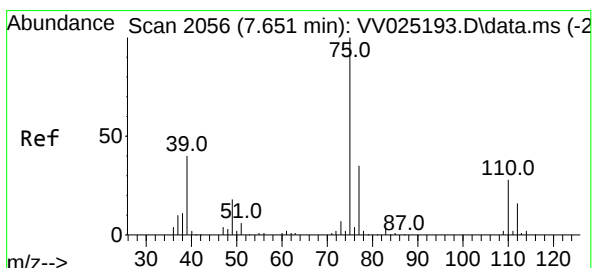
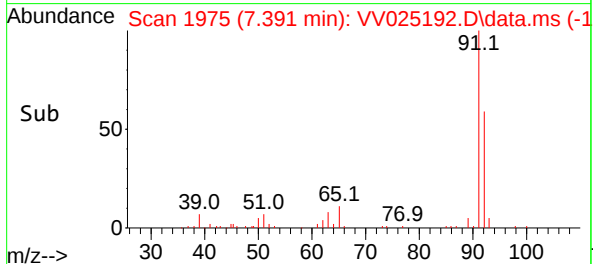
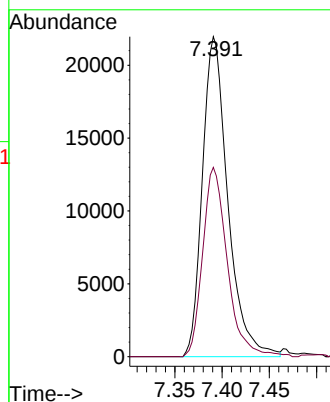
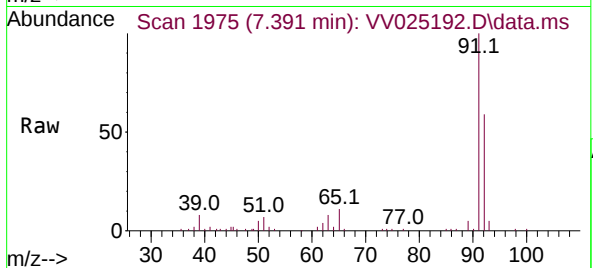
VSTD001226

Tgt Ion: 91 Resp: 41051

Ion Ratio Lower Upper

91 100

92 59.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 0.708 ug/L

RT: 7.658 min Scan# 2058

Delta R.T. 0.007 min

Lab File: VV025192.D

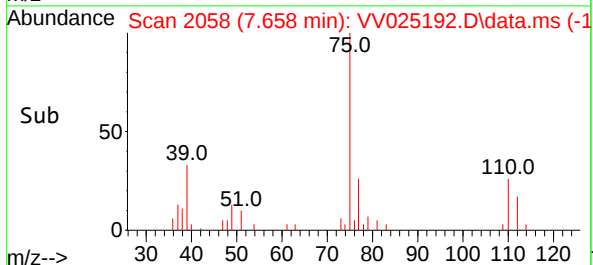
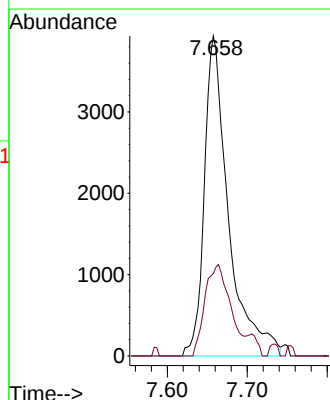
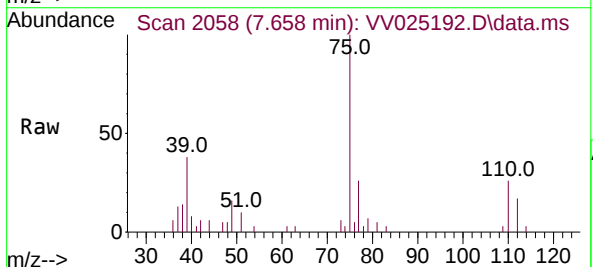
Acq: 26 Mar 2022 12:21

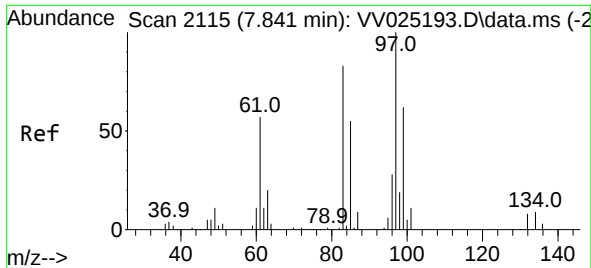
Tgt Ion: 75 Resp: 8270

Ion Ratio Lower Upper

75 100

77 25.8 24.2 45.0

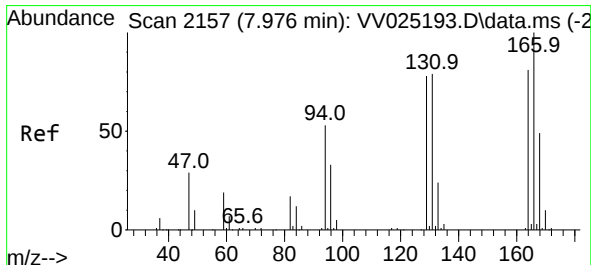
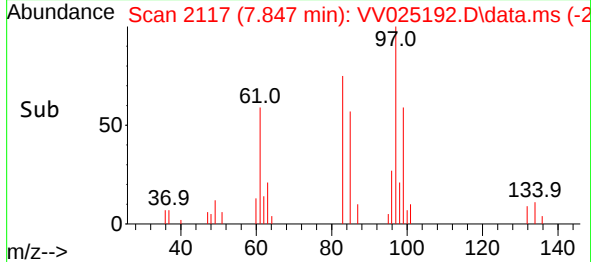
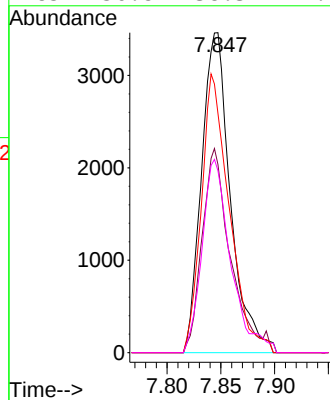
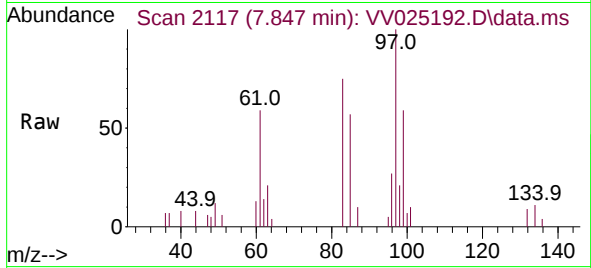




#45
1,1,2-Trichloroethane
Concen: 0.885 ug/L
RT: 7.847 min Scan# 2115
Delta R.T. 0.007 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

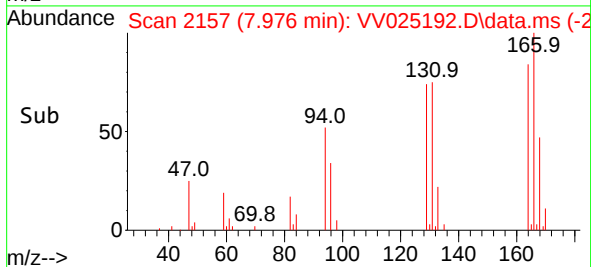
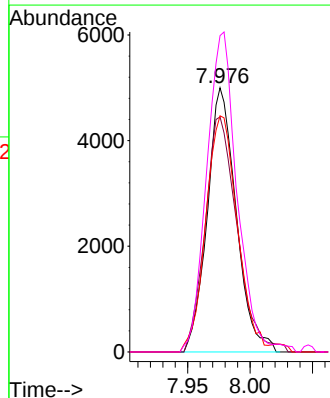
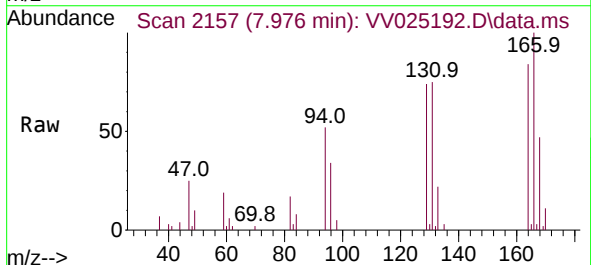
Instrument :
MSVOA_V
ClientSampleId :
VSTD001226

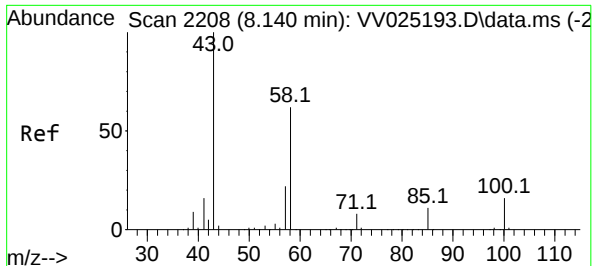
Tgt Ion: 97	Resp: 6472
Ion Ratio	Lower Upper
97 100	
99 58.8	43.3 80.5
83 74.8	58.0 107.6
85 56.8	38.3 71.1



#47
Tetrachloroethene
Concen: 0.887 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion:164	Resp: 8063
Ion Ratio	Lower Upper
164 100	
129 88.9	67.5 125.4
131 89.4	68.0 126.4
166 119.7	86.2 160.2

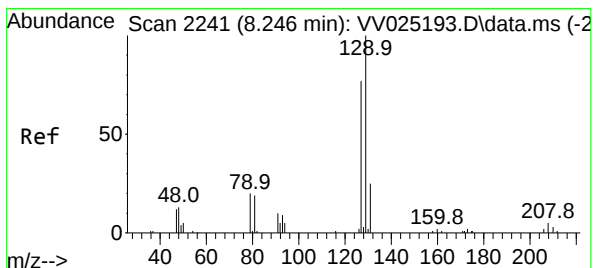
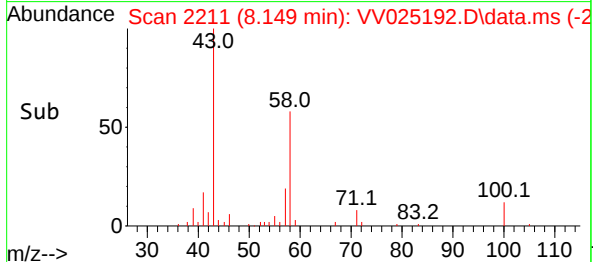
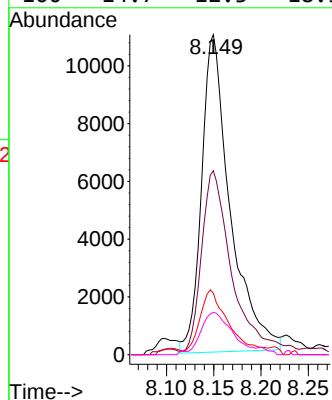
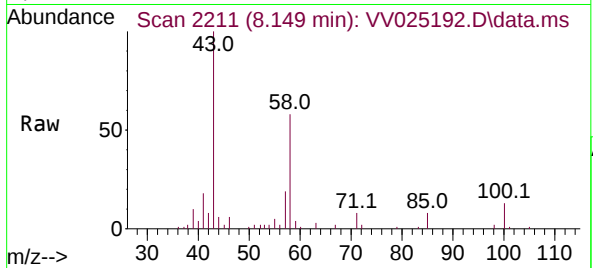




#48
2-Hexanone
Concen: 7.336 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.010 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

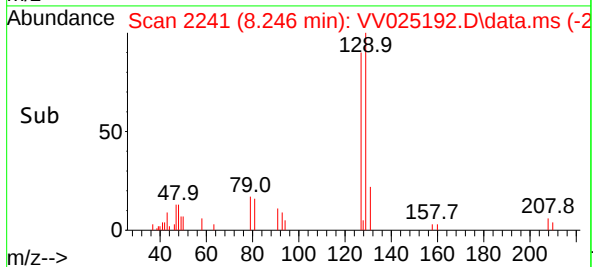
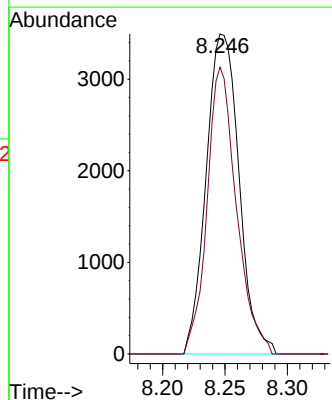
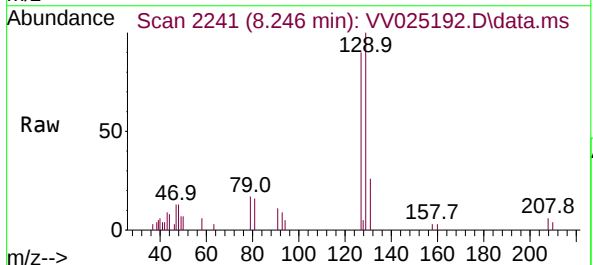
Instrument :
MSVOA_V
ClientSampleId :
VSTD001226

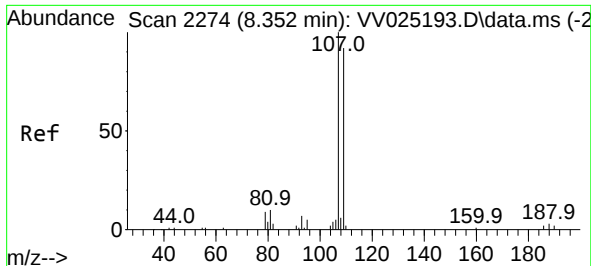
Tgt Ion: 43	Resp: 23166
Ion Ratio	Lower Upper
43 100	
58 60.2	48.5 72.7
57 21.0	16.9 25.3
100 14.7	12.3 18.5



#49
Dibromochloromethane
Concen: 0.793 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion:129	Resp: 6421		
Ion Ratio	Lower	Upper	
129 100			
127 89.6	54.1	100.5	





#50

1,2-Dibromoethane

Concen: 0.877 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV025192.D

Acq: 26 Mar 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD001226

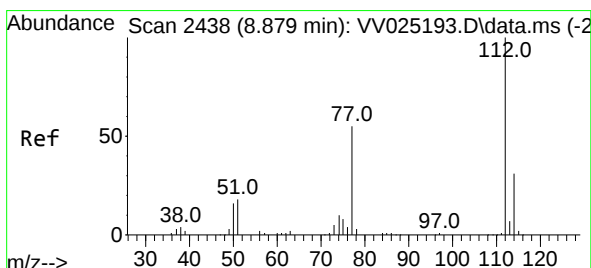
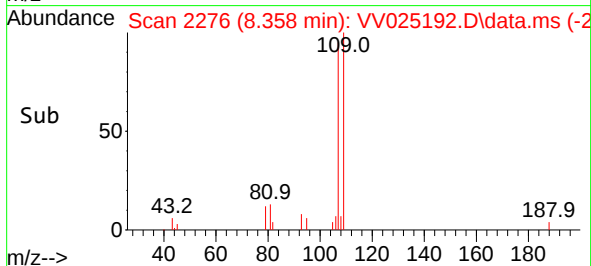
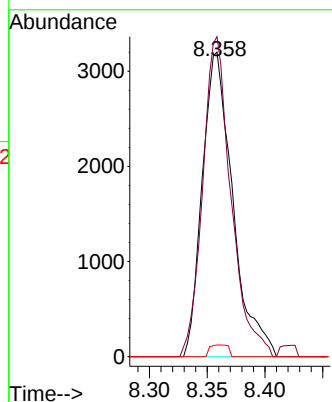
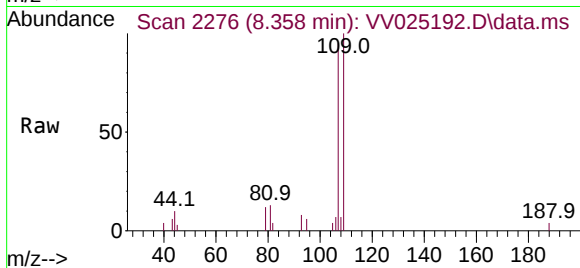
Tgt Ion:107 Resp: 5876

Ion Ratio Lower Upper

107 100

109 105.0 64.7 120.1

188 3.8 2.2 3.4#



#51

Chlorobenzene

Concen: 0.867 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV025192.D

Acq: 26 Mar 2022 12:21

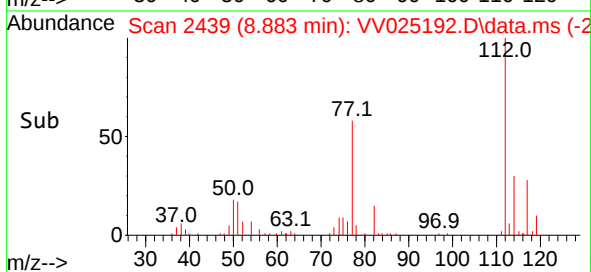
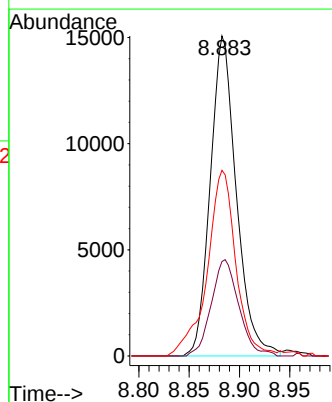
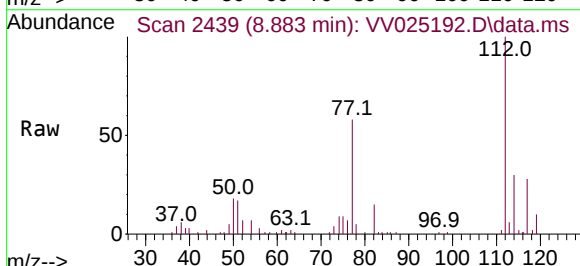
Tgt Ion:112 Resp: 27215

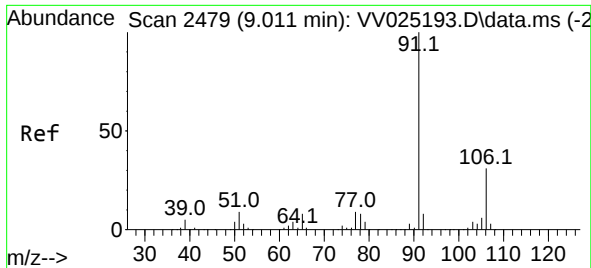
Ion Ratio Lower Upper

112 100

114 29.5 21.9 40.7

77 58.0 44.2 66.4

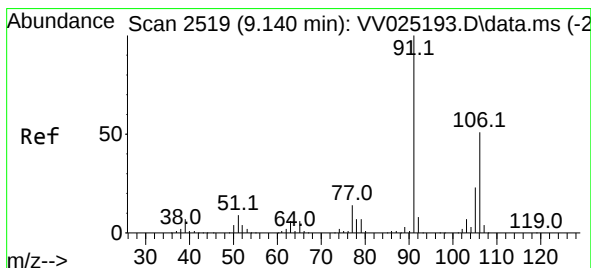
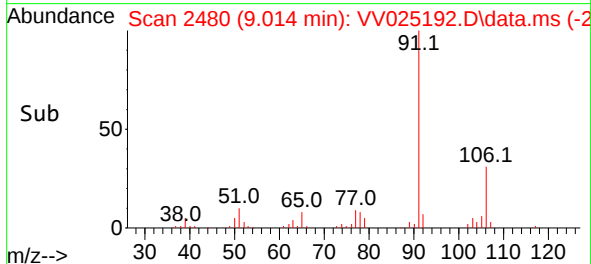
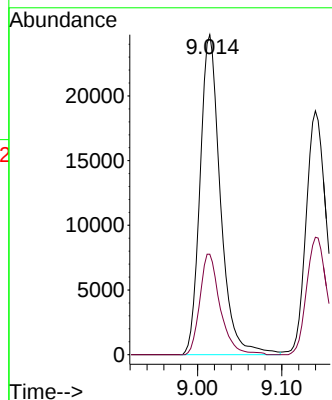
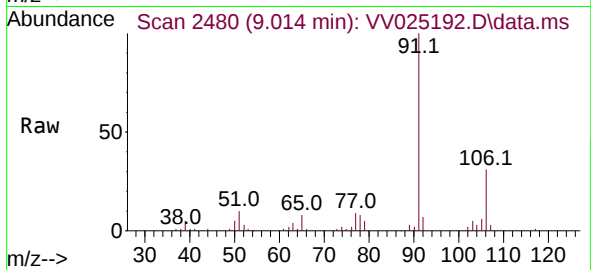




#52
Ethylbenzene
Concen: 0.790 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

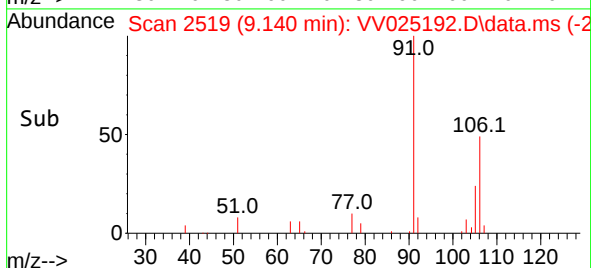
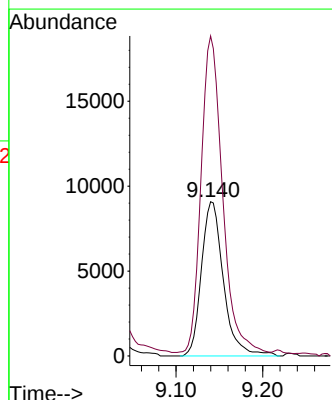
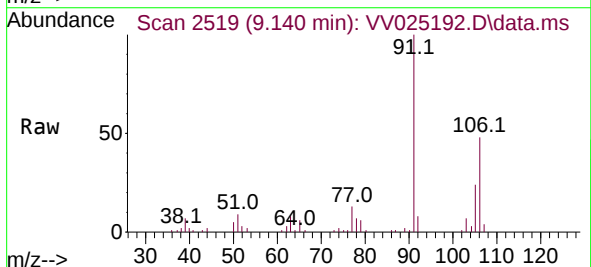
Instrument :
MSVOA_V
ClientSampleId :
VSTD001226

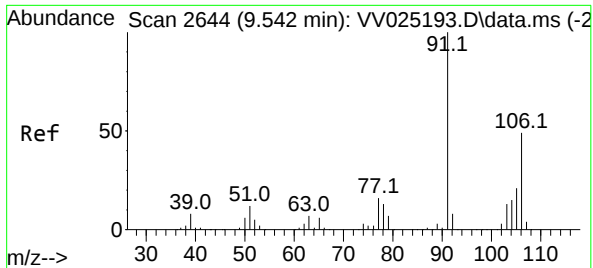
Tgt Ion: 91 Resp: 41656
Ion Ratio Lower Upper
91 100
106 31.4 21.7 40.3



#53
m,p-Xylene
Concen: 0.790 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion: 106 Resp: 16020
Ion Ratio Lower Upper
106 100
91 207.5 136.8 254.0

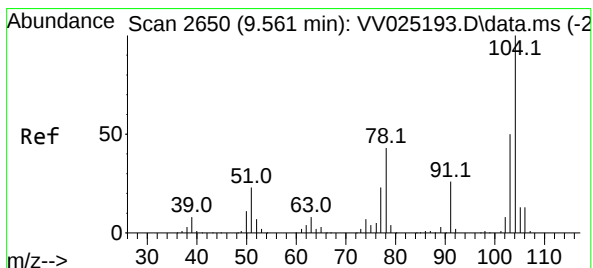
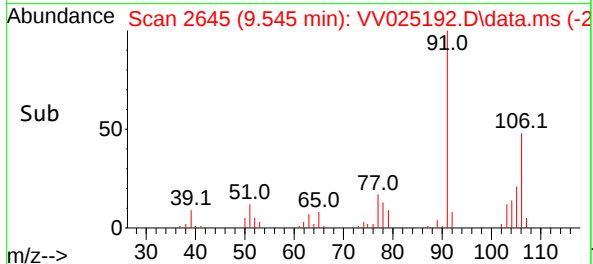
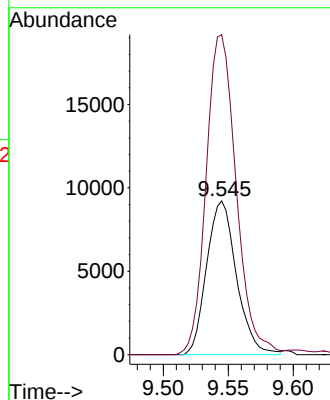
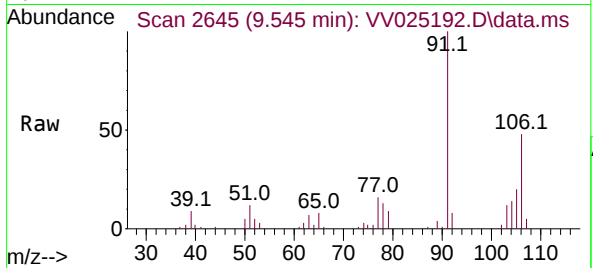




#54
o-Xylene
Concen: 0.756 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

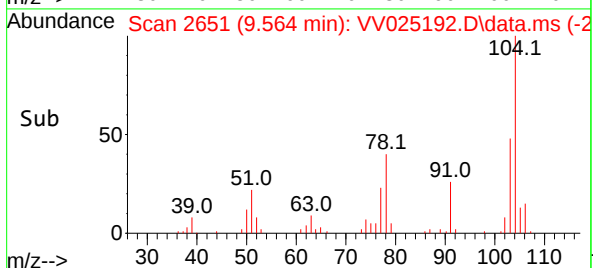
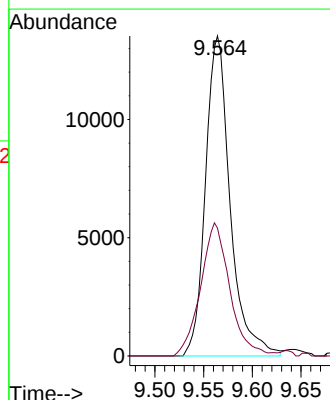
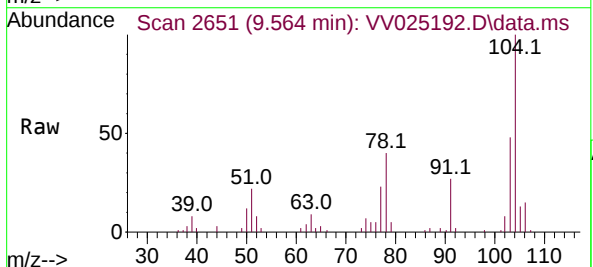
Instrument :
MSVOA_V
ClientSampleId :
VSTD001226

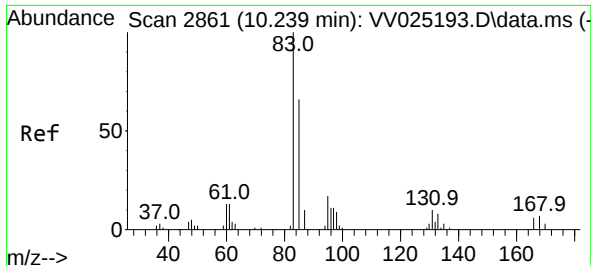
Tgt Ion:106 Resp: 14710
Ion Ratio Lower Upper
106 100
91 208.0 143.0 265.6



#55
Styrene
Concen: 0.749 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion:104 Resp: 23791
Ion Ratio Lower Upper
104 100
78 39.9 30.1 55.9

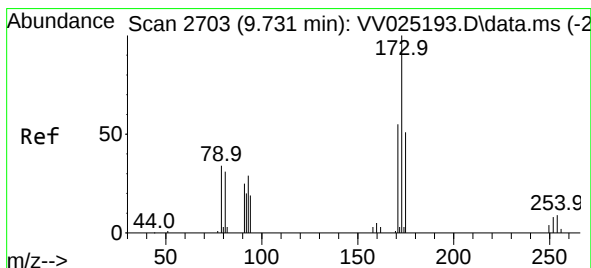
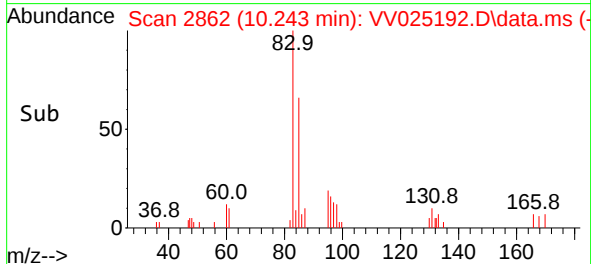
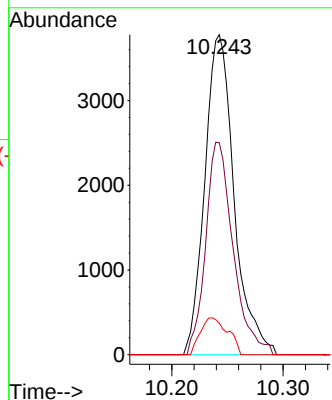
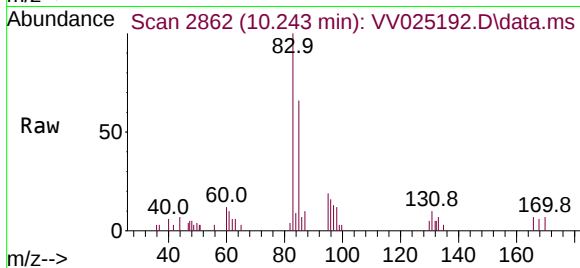




#57
1,1,2,2-Tetrachloroethane
Concen: 0.959 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

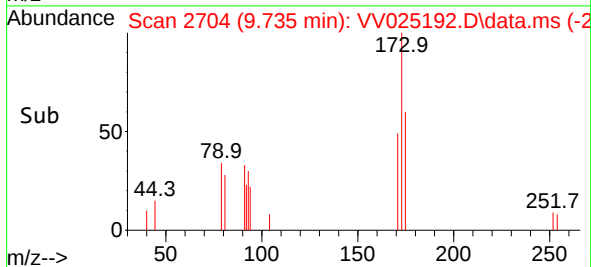
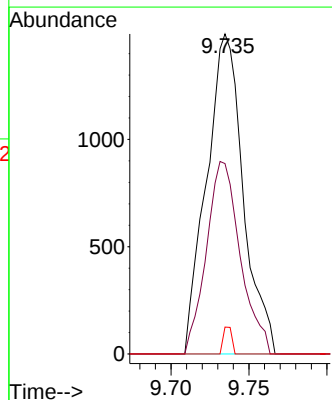
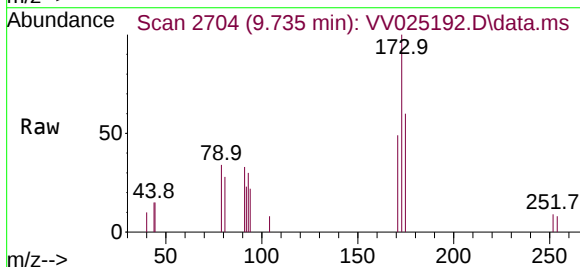
Instrument :
MSVOA_V
ClientSampleId :
VSTD001226

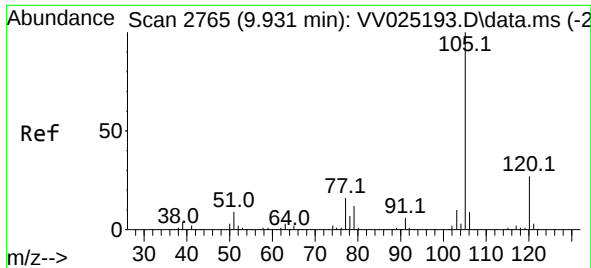
Tgt Ion: 83 Resp: 6909
Ion Ratio Lower Upper
83 100
85 66.3 46.2 85.8
131 9.9 8.1 12.1



#59
Bromoform
Concen: 0.694 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion: 173 Resp: 2437
Ion Ratio Lower Upper
173 100
175 55.6 39.4 59.0
254 2.0 5.6 8.4

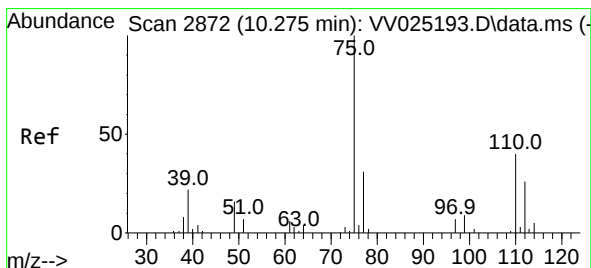
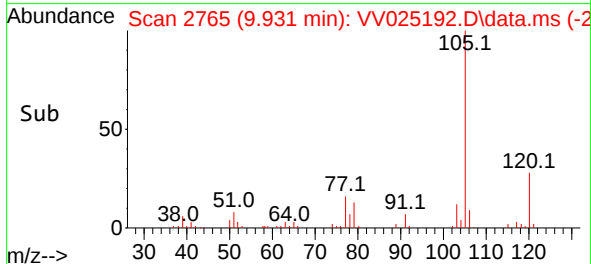
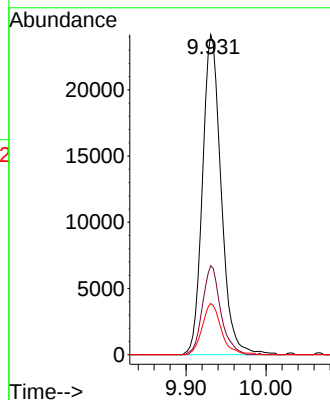
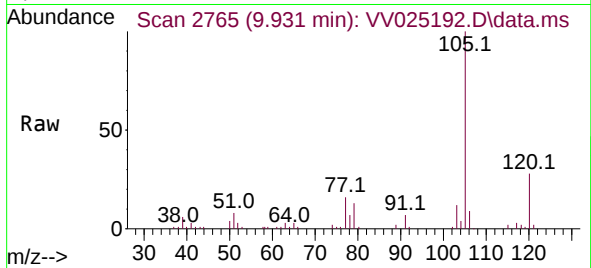




#60
Isopropylbenzene
Concen: 0.777 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

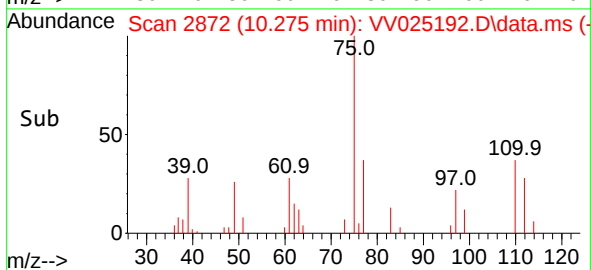
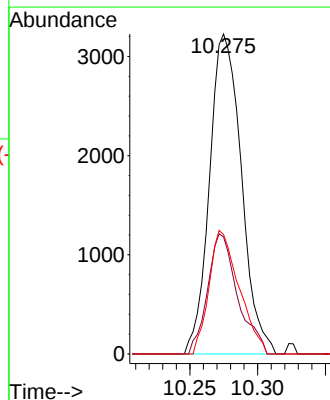
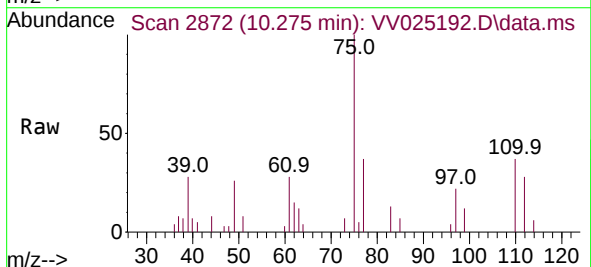
Instrument :
MSVOA_V
ClientSampleId :
VSTD001226

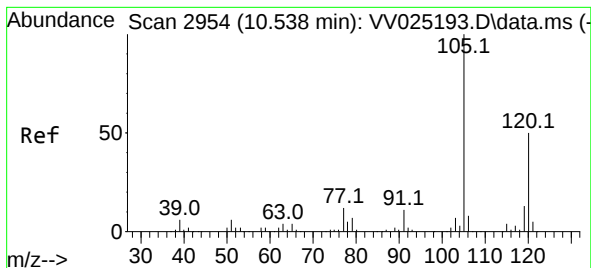
Tgt Ion:105 Resp: 39294
Ion Ratio Lower Upper
105 100
120 27.1 21.1 31.7
77 16.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 0.928 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion: 75 Resp: 5274
Ion Ratio Lower Upper
75 100
77 35.3 25.8 38.6
110 36.4 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 0.759 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025192.D

Acq: 26 Mar 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

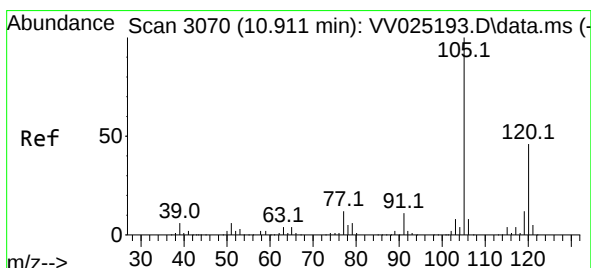
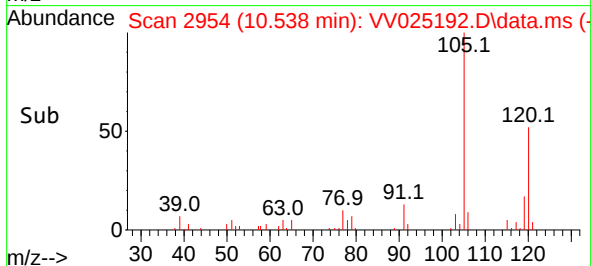
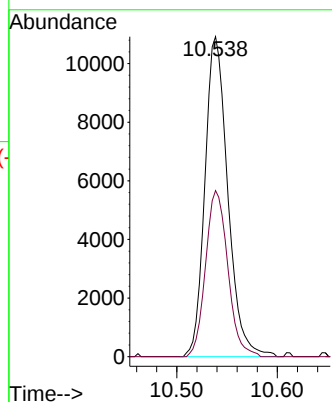
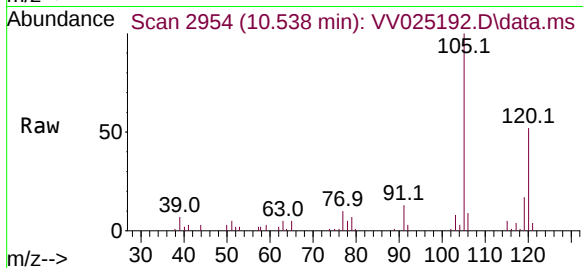
VSTD001226

Tgt Ion:105 Resp: 17269

Ion Ratio Lower Upper

105 100

120 50.5 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 0.718 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025192.D

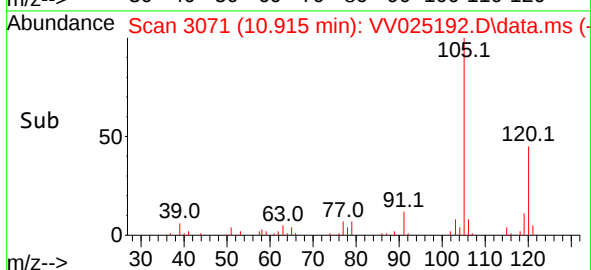
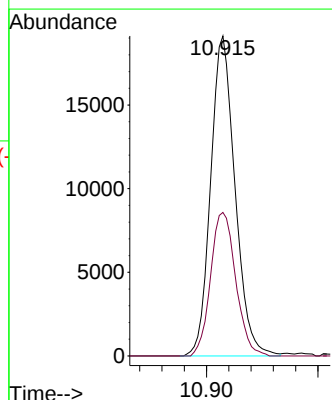
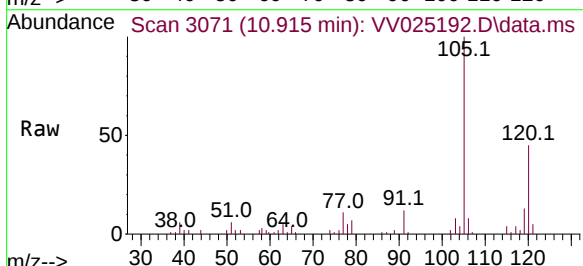
Acq: 26 Mar 2022 12:21

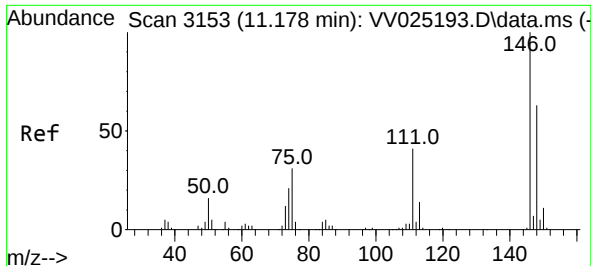
Tgt Ion:105 Resp: 29056

Ion Ratio Lower Upper

105 100

120 46.3 36.5 54.7

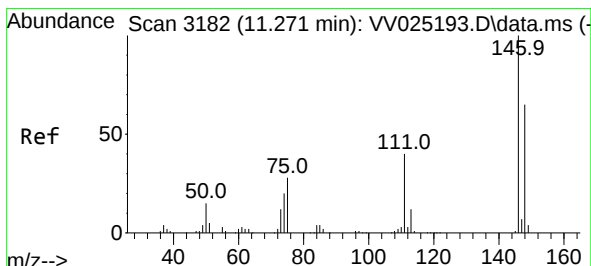
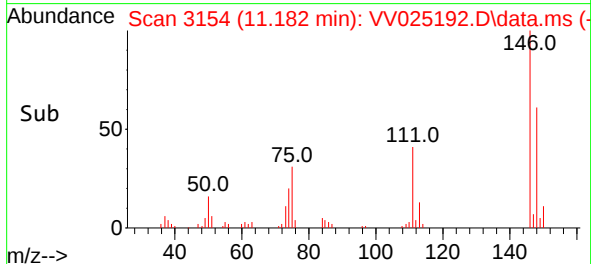
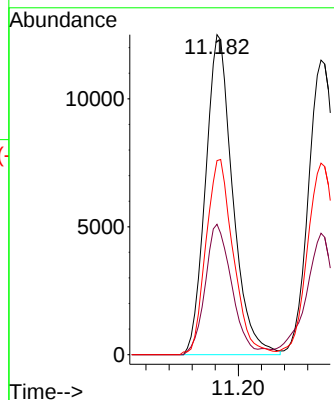
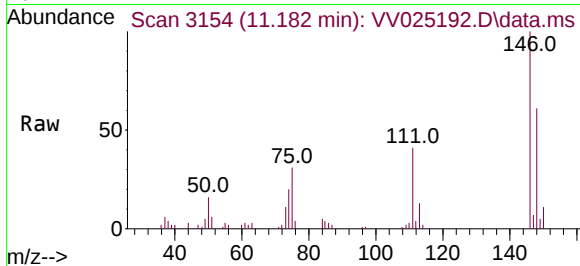




#64
1,3-Dichlorobenzene
Concen: 0.919 ug/L
RT: 11.182 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

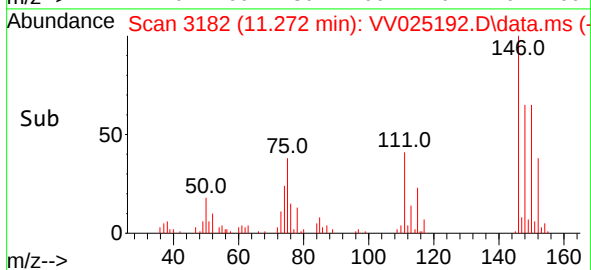
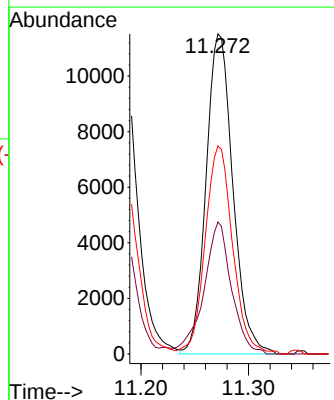
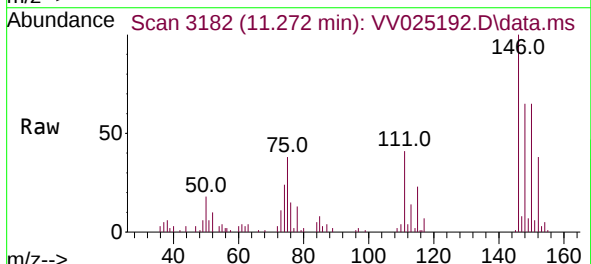
Instrument :
MSVOA_V
ClientSampleId :
VSTD001226

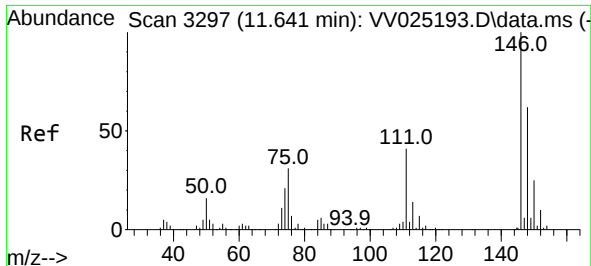
Tgt Ion:146 Resp: 20418
Ion Ratio Lower Upper
146 100
111 40.8 29.0 53.8
148 60.6 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 0.890 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion:146 Resp: 19952
Ion Ratio Lower Upper
146 100
111 41.2 27.9 51.9
148 65.0 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 0.887 ug/L

RT: 11.645 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV025192.D

Acq: 26 Mar 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD001226

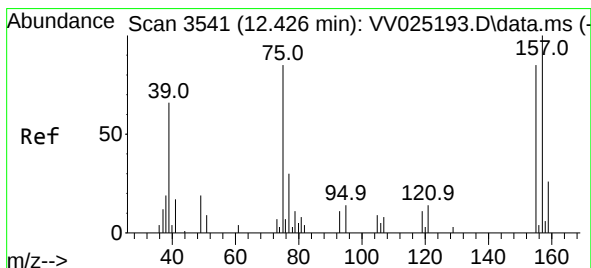
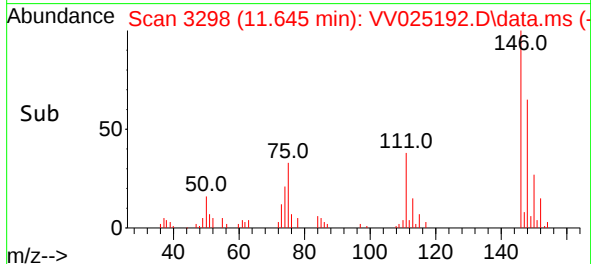
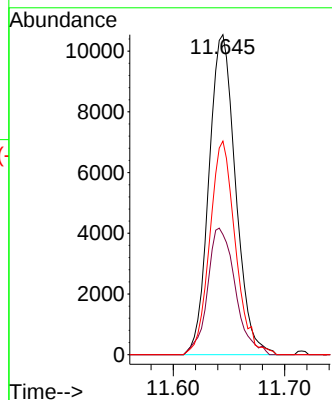
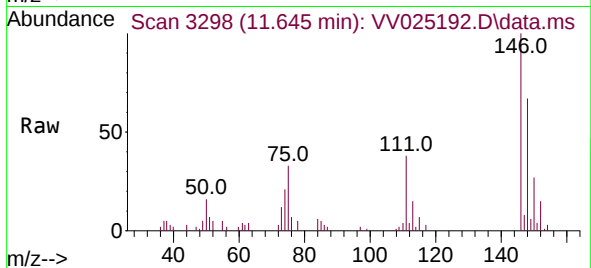
Tgt Ion:146 Resp: 17536

Ion Ratio Lower Upper

146 100

111 37.5 33.0 49.6

148 66.7 49.3 73.9



#68

1,2-Dibromo-3-chloropropane

Concen: 0.931 ug/L

RT: 12.432 min Scan# 3543

Delta R.T. 0.007 min

Lab File: VV025192.D

Acq: 26 Mar 2022 12:21

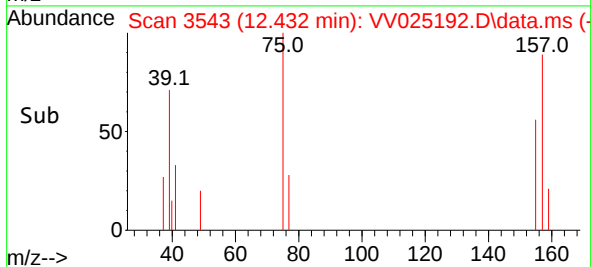
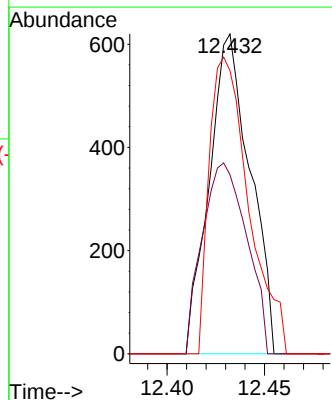
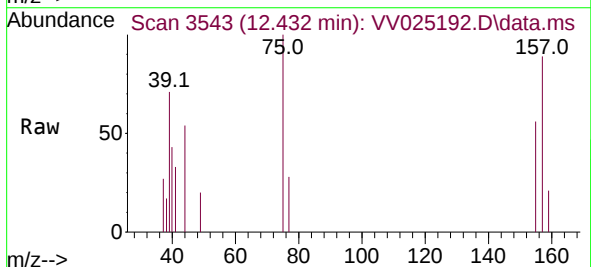
Tgt Ion: 75 Resp: 905

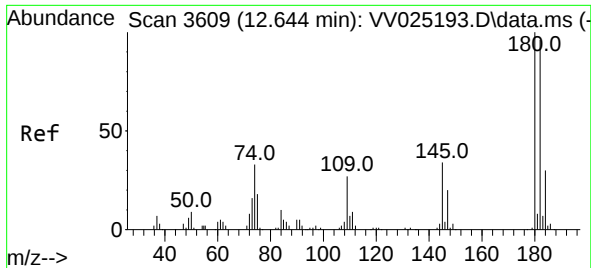
Ion Ratio Lower Upper

75 100

155 56.0 80.0 120.0#

157 88.5 94.5 141.7#

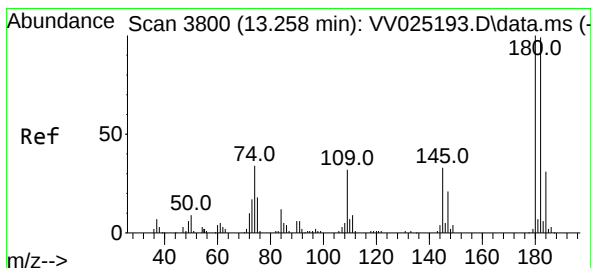
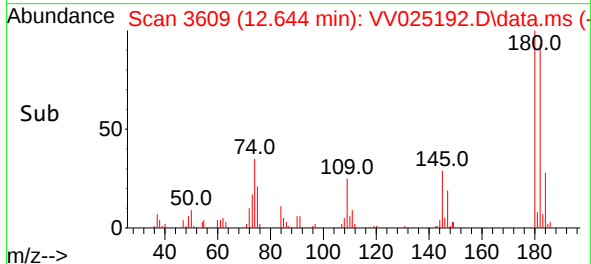
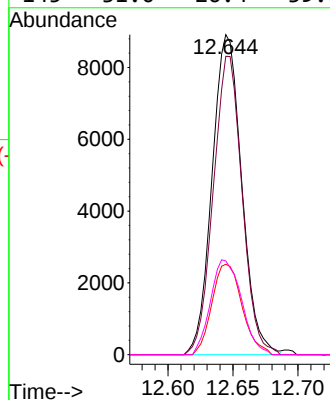
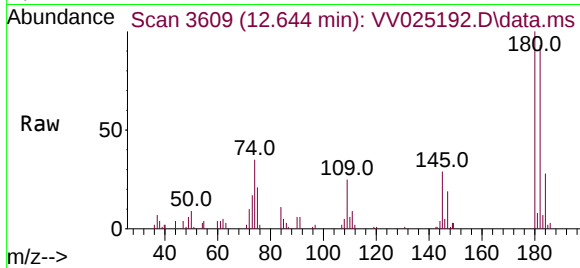




#69
 1,3,5-Trichlorobenzene
 Concen: 0.894 ug/L
 RT: 12.644 min Scan# 3000
 Delta R.T. 0.000 min
 Lab File: VV025192.D
 Acq: 26 Mar 2022 12:21

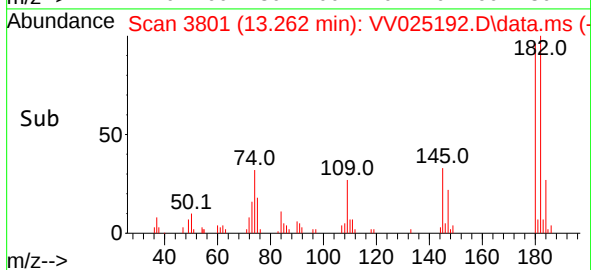
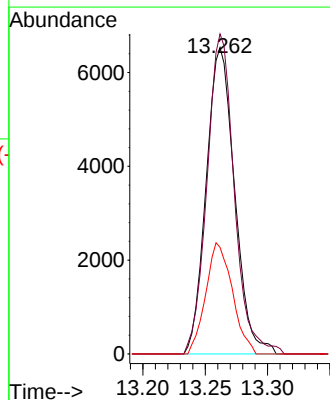
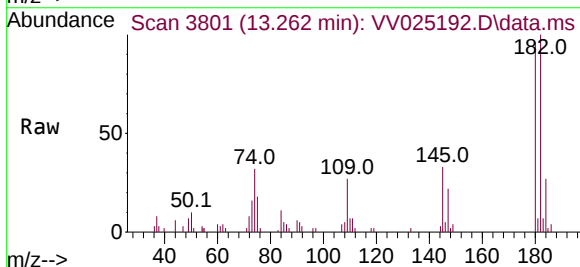
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001226

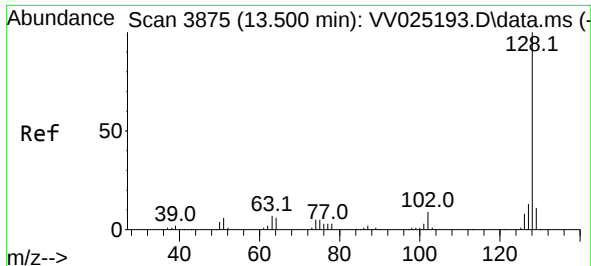
Tgt Ion:180	Resp:	14097
Ion Ratio	Lower	Upper
180	100	
182	90.7	77.1 115.7
184	28.9	23.6 35.4
145	31.0	26.4 39.6



#70
 1,2,4-trichlorobenzene
 Concen: 0.849 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV025192.D
 Acq: 26 Mar 2022 12:21

Tgt Ion:180	Resp:	10363
Ion Ratio	Lower	Upper
180	100	
182	100.1	77.5 116.3
145	33.8	26.2 39.4

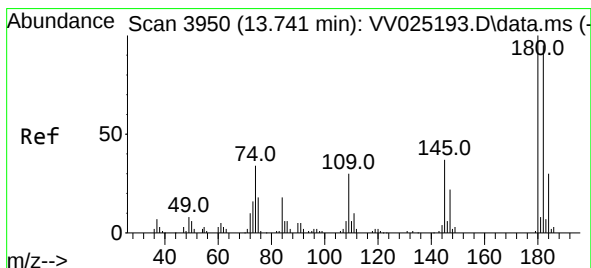
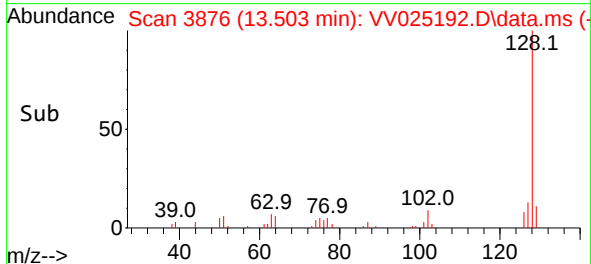
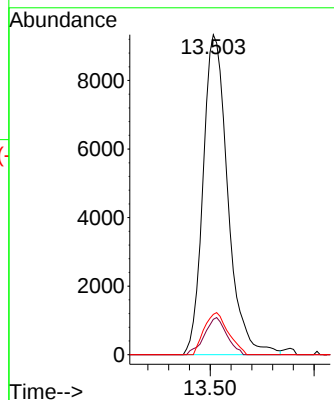
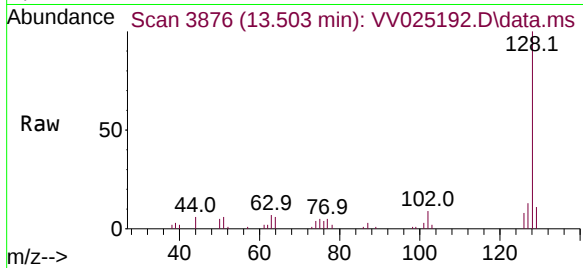




#71
Naphthalene
Concen: 0.766 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD001226

Tgt Ion:128 Resp: 15391
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.8 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.827 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV025192.D
Acq: 26 Mar 2022 12:21

Tgt Ion:180 Resp: 8566
Ion Ratio Lower Upper
180 100
182 97.2 75.8 113.6
145 36.3 28.6 42.8

