

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025193.D
 Acq On : 26 Mar 2022 12:45
 Operator : SY/MD
 Sample : VSTD00527
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005227

Quant Time: Mar 28 01:05:40 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	154379	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	147591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	73259	5.753	ug/L	0.00
7) Chloroethane-d5	1.568	69	62215	6.459	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	153263	6.995	ug/L	0.00
20) 2-Butanone-d5	3.905	46	61927	42.003	ug/L	0.00
24) Chloroform-d	4.352	84	97005	4.822	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	43933	5.141	ug/L	0.00
32) Benzene-d6	5.050	84	198415	4.711	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	54943	4.547	ug/L	0.00
41) Toluene-d8	7.317	98	187438	4.862	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	18485	4.474	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	68297	47.953	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36187	5.026	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	60794	4.865	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	82686	5.829	ug/L	100
3) Chloromethane	1.243	50	93437	6.639	ug/L	100
5) Vinyl chloride	1.310	62	103790	6.912	ug/L	100
6) Bromomethane	1.523	94	61634	6.503	ug/L	100
8) Chloroethane	1.587	64	65572	7.108	ug/L	100
9) Trichlorofluoromethane	1.754	101	143909	7.004	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	80912	7.217	ug/L	100
12) 1,1-Dichloroethene	2.121	96	79856	7.223	ug/L	100
13) Acetone	2.195	43	40323	40.058	ug/L	86
14) Carbon disulfide	2.294	76	173242	4.942	ug/L	100
15) Methyl Acetate	2.442	43	12172	4.489	ug/L	100
16) Methylene chloride	2.510	84	59258	4.937	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	103451	4.859	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	59878	5.061	ug/L	100
19) 1,1-Dichloroethane	3.191	63	99548	4.955	ug/L	100
21) 2-Butanone	3.989	43	66758	43.216	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	59459	5.006	ug/L	100
23) Bromochloromethane	4.249	128	26164	5.447	ug/L	100
25) Chloroform	4.375	83	109593	5.180	ug/L	100
27) 1,2-Dichloroethane	5.133	62	56307	5.298	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	96446	5.124	ug/L	100
30) Cyclohexane	4.680	56	85381	4.752	ug/L	100
31) Carbon tetrachloride	4.828	117	83490	5.161	ug/L	100
33) Benzene	5.098	78	235271	4.943	ug/L	100
34) Trichloroethene	5.915	95	62522	4.939	ug/L	100
35) Methylcyclohexane	6.130	83	98133	4.926	ug/L	100
37) 1,2-Dichloropropane	6.172	63	53259	4.886	ug/L	100
38) Bromodichloromethane	6.510	83	67713	4.902	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	70578	4.720	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	213644	48.253	ug/L	100
42) Toluene	7.387	91	258741	5.169	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	54620	4.667	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032622\
 Data File : VV025193.D
 Acq On : 26 Mar 2022 12:45
 Operator : SY/MD
 Sample : VSTD00527
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00527

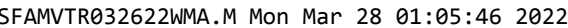
Quant Time: Mar 28 01:05:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:02:30 2022
 Response via : Initial Calibration

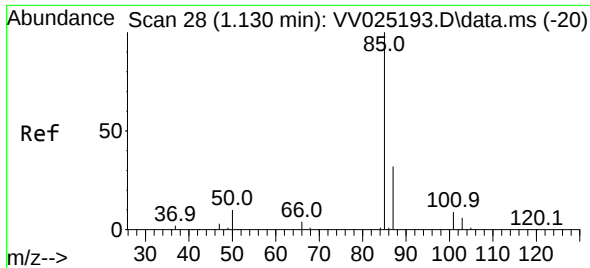
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	37290	5.088	ug/L	100
47) Tetrachloroethene	7.976	164	48281	5.302	ug/L	100
48) 2-Hexanone	8.140	43	158310	50.016	ug/L	100
49) Dibromochloromethane	8.246	129	39748	4.897	ug/L	100
50) 1,2-Dibromoethane	8.352	107	34225	5.095	ug/L	100
51) Chlorobenzene	8.879	112	160284	5.097	ug/L	100
52) Ethylbenzene	9.011	91	269724	5.105	ug/L	100
53) m,p-Xylene	9.140	106	104197	5.124	ug/L	100
54) o-Xylene	9.542	106	101833	5.219	ug/L	100
55) Styrene	9.561	104	170670	5.358	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	38550	5.338	ug/L	100
59) Bromoform	9.731	173	16229	4.240	ug/L	100
60) Isopropylbenzene	9.931	105	269074	4.883	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	29821	4.818	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	115908	4.673	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	216866	4.918	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	123415	5.098	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	121696	4.980	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	109615	5.088	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	5071	4.789	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	87048	5.067	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	66255	4.981	ug/L	100
71) Naphthalene	13.500	128	100999	4.613	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	56590	5.013	ug/L	100

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

Quant Time: Mar 28 01:05:40 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

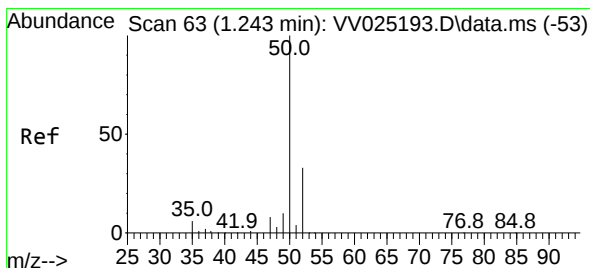
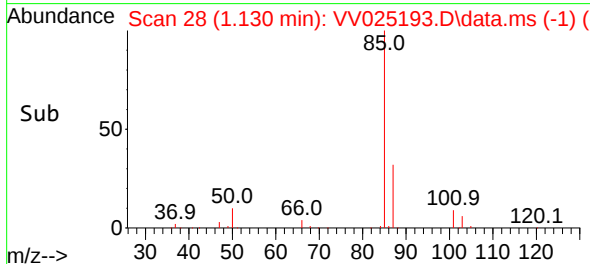
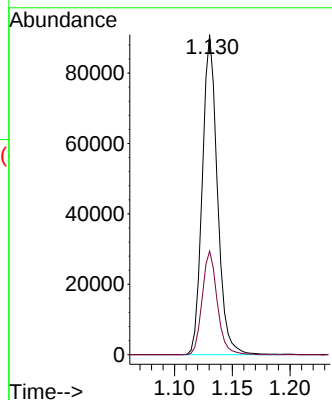
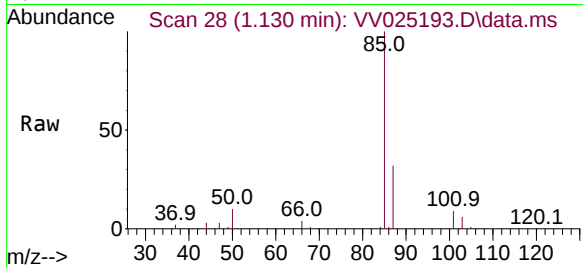




#2
 Dichlorodifluoromethane
 Concen: 5.829 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025193.D
 Acq: 26 Mar 2022 12:45

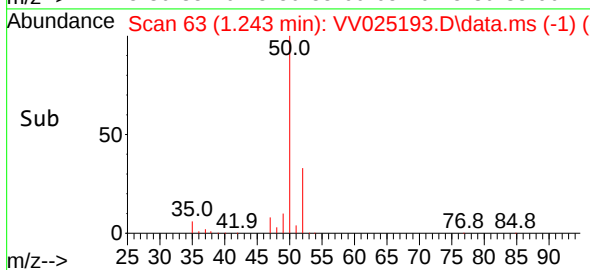
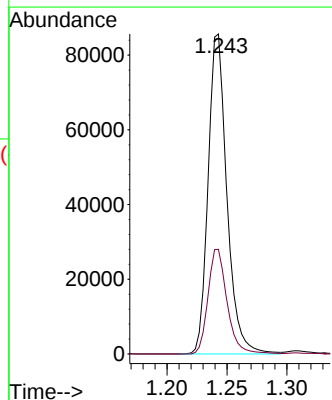
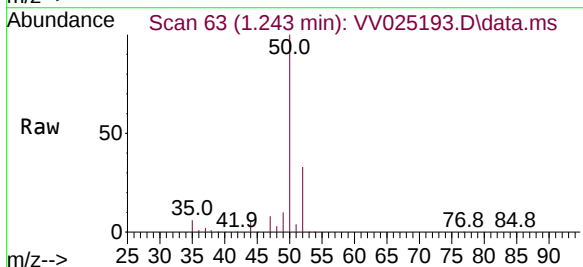
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005227

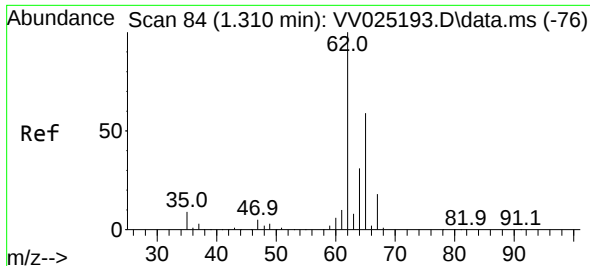
Tgt Ion: 85 Resp: 82686
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 6.639 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025193.D
 Acq: 26 Mar 2022 12:45

Tgt Ion: 50 Resp: 93437
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.9 42.5

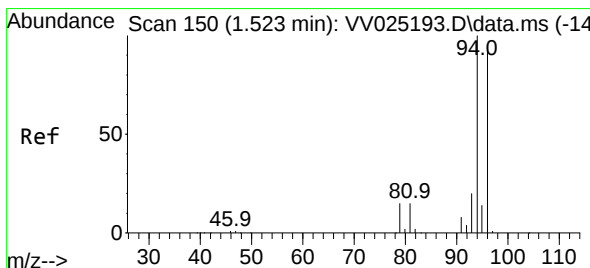
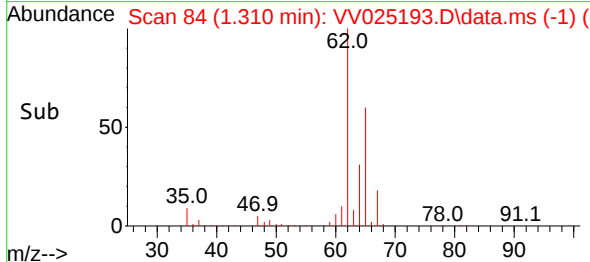
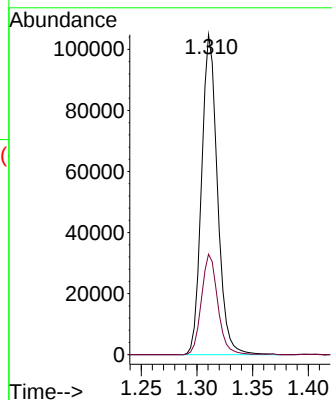
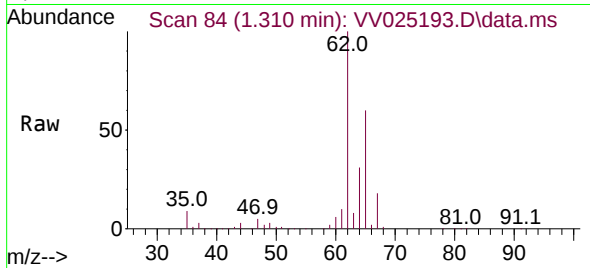




#5
 Vinyl chloride
 Concen: 6.912 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025193.D
 Acq: 26 Mar 2022 12:45

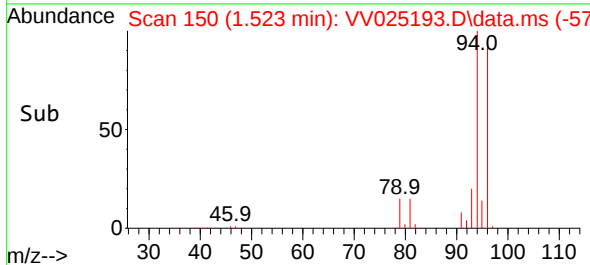
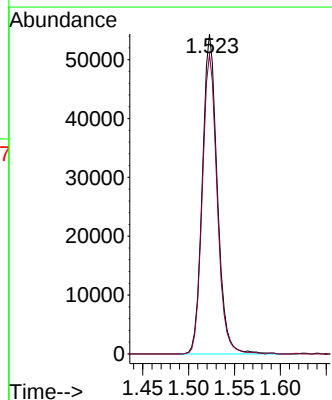
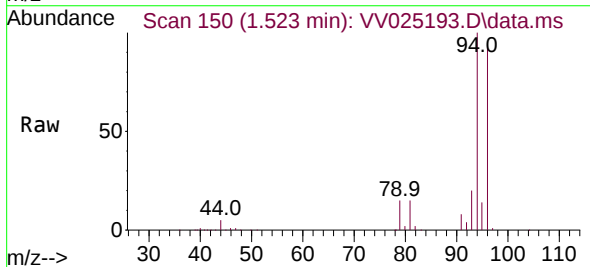
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005227

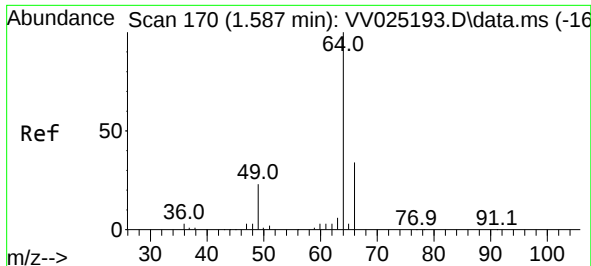
Tgt Ion: 62 Resp: 103790
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.0 40.8



#6
 Bromomethane
 Concen: 6.503 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025193.D
 Acq: 26 Mar 2022 12:45

Tgt Ion: 94 Resp: 61634
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.5 121.7

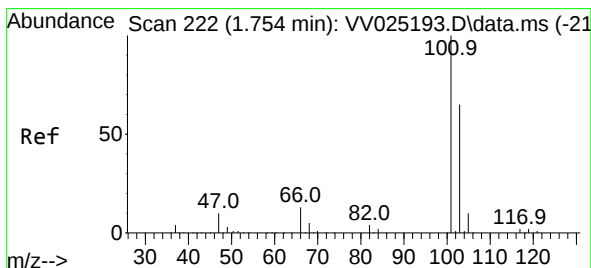
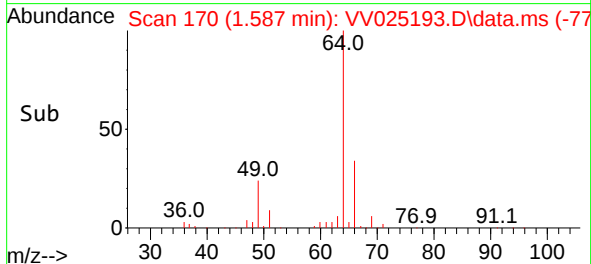
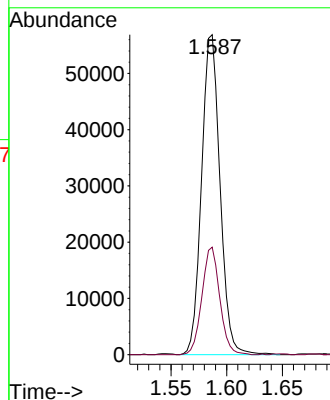
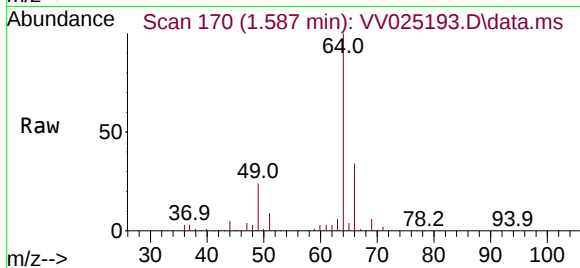




#8
Chloroethane
Concen: 7.108 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

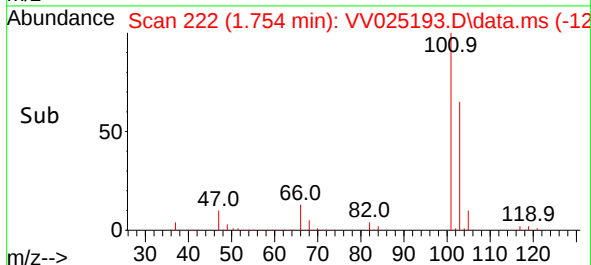
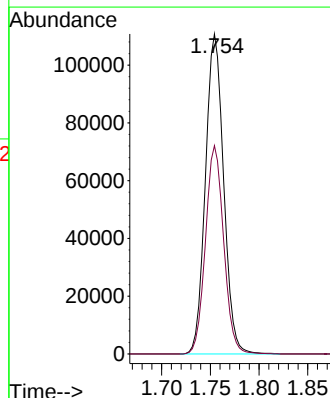
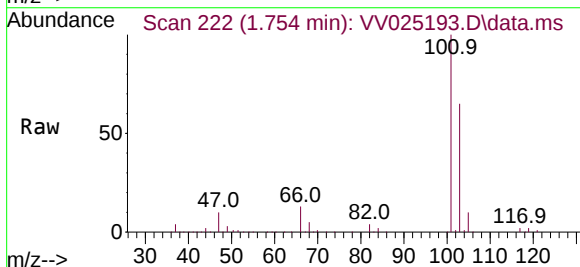
Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

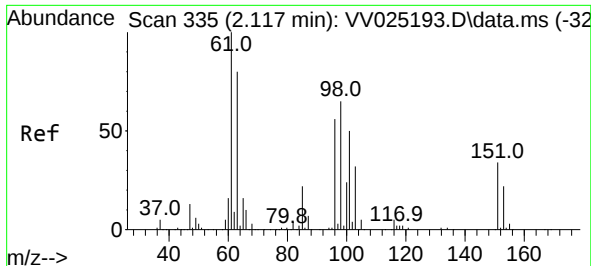
Tgt Ion: 64 Resp: 65572
Ion Ratio Lower Upper
64 100
66 33.6 23.5 43.7



#9
Trichlorofluoromethane
Concen: 7.004 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion:101 Resp: 143909
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2

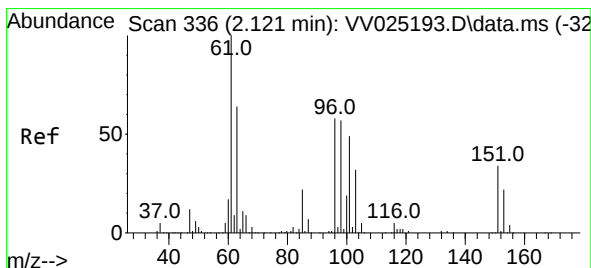
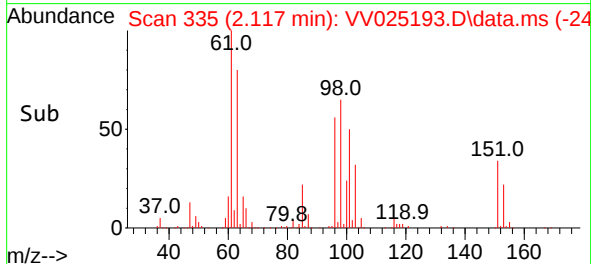
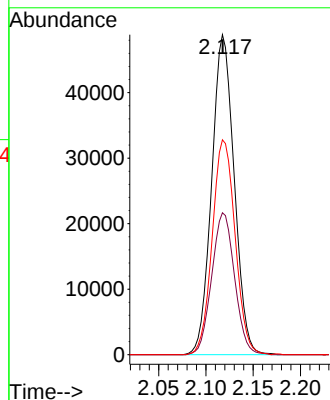
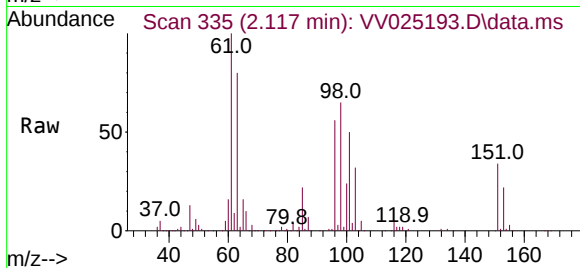




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 7.217 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025193.D
 Acq: 26 Mar 2022 12:45

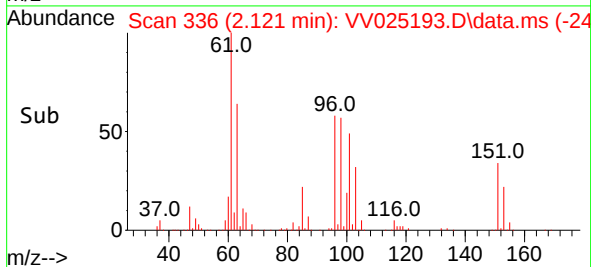
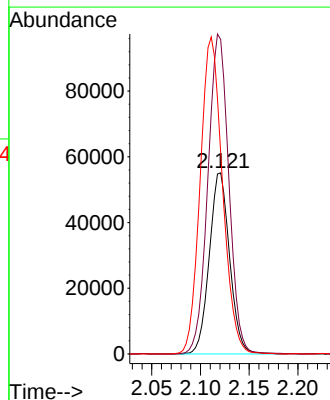
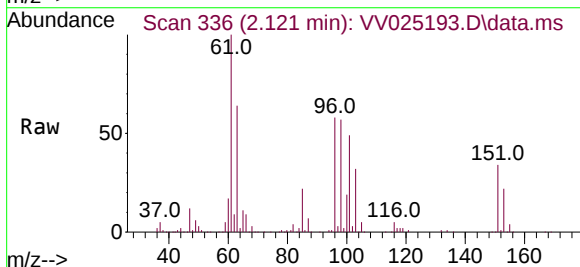
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005227

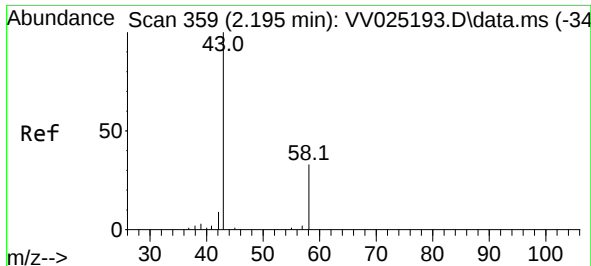
Tgt Ion:101 Resp: 80912
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.0 54.0
 151 68.2 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 7.223 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025193.D
 Acq: 26 Mar 2022 12:45

Tgt Ion: 96 Resp: 79856
 Ion Ratio Lower Upper
 96 100
 61 173.6 121.5 225.7
 63 111.3 77.9 144.7





#13

Acetone

Concen: 40.058 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

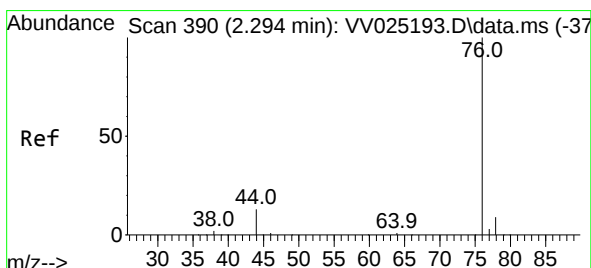
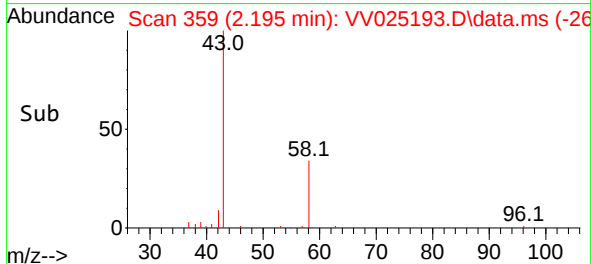
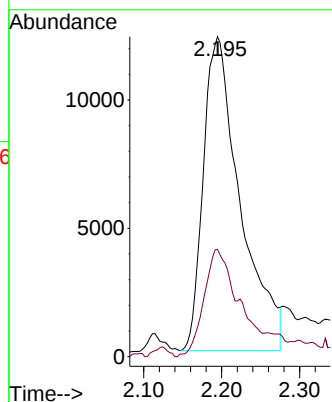
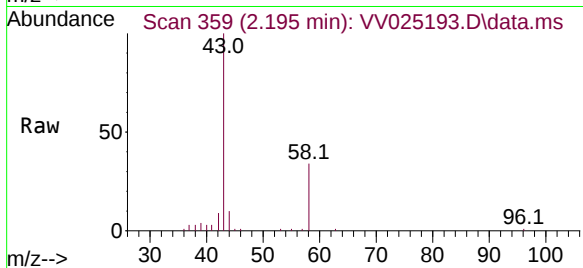
VSTD005227

Tgt Ion: 43 Resp: 40323

Ion Ratio Lower Upper

43 100

58 32.5 0.0 51.2



#14

Carbon disulfide

Concen: 4.942 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV025193.D

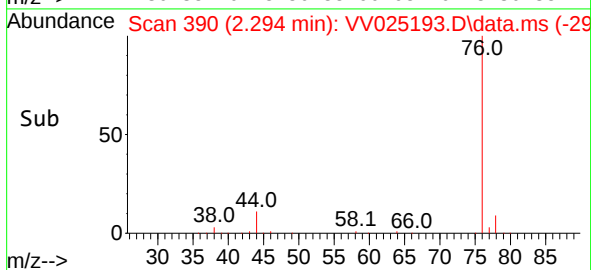
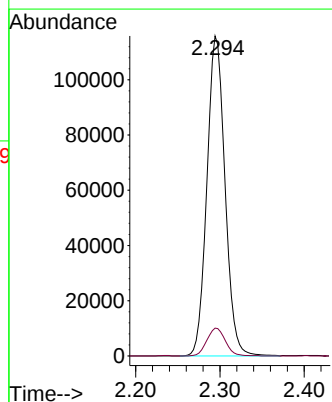
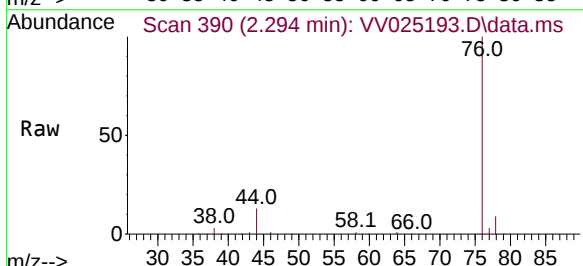
Acq: 26 Mar 2022 12:45

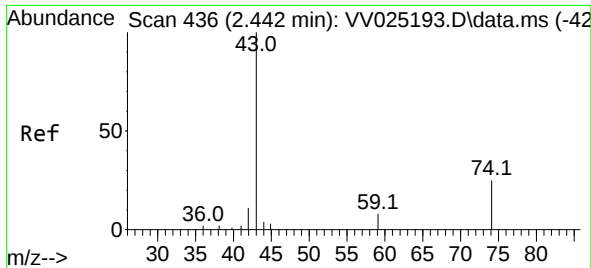
Tgt Ion: 76 Resp: 173242

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4

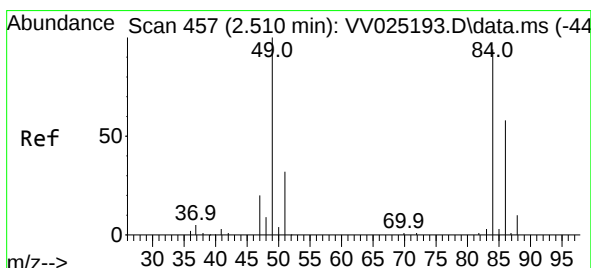
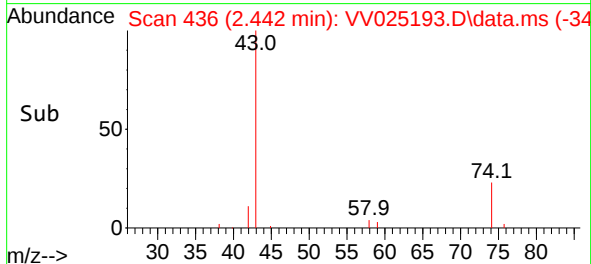
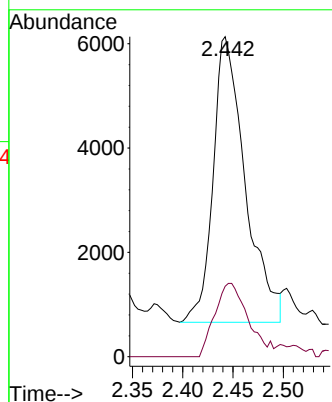
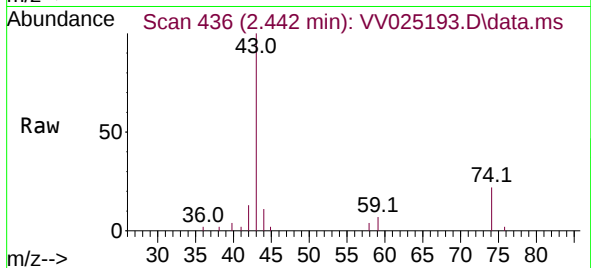




#15
Methyl Acetate
Concen: 4.489 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

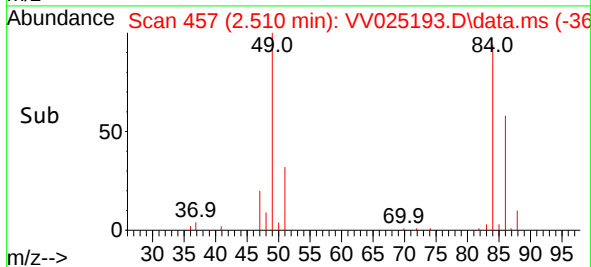
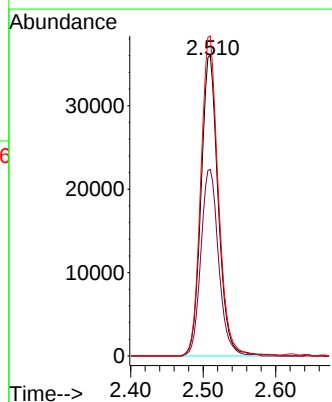
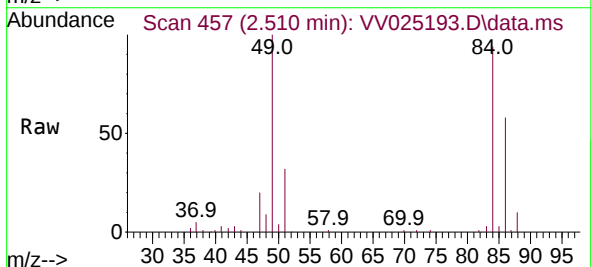
Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

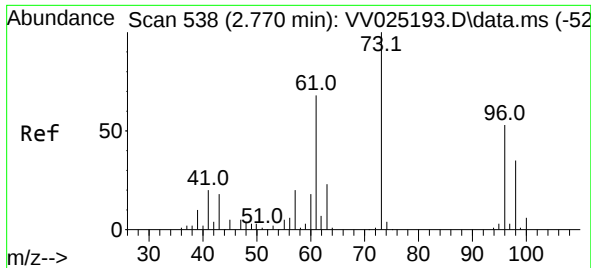
Tgt Ion: 43 Resp: 12172
Ion Ratio Lower Upper
43 100
74 26.1 20.9 31.3



#16
Methylene chloride
Concen: 4.937 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion: 84 Resp: 59258
Ion Ratio Lower Upper
84 100
86 62.1 43.5 80.7
49 106.4 74.5 138.3



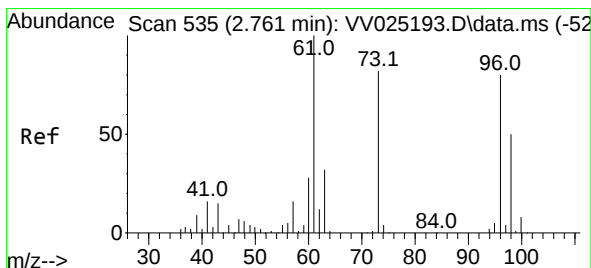
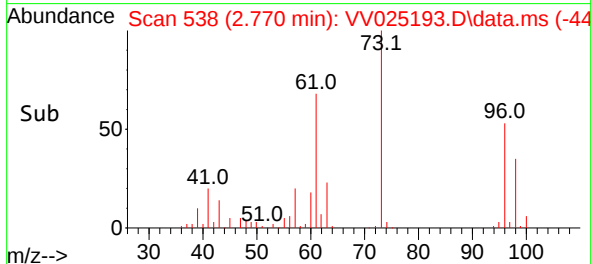
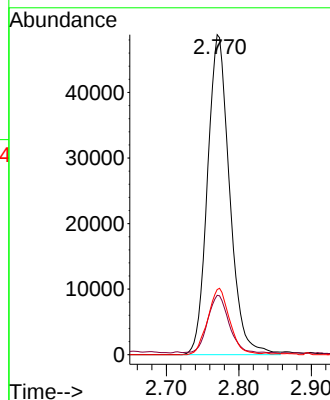
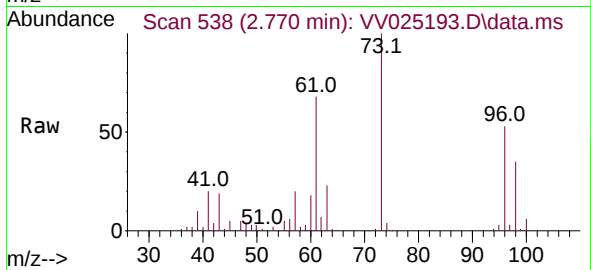


#17
Methyl tert-butyl Ether
Concen: 4.859 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

Tgt Ion: 73 Resp: 103451

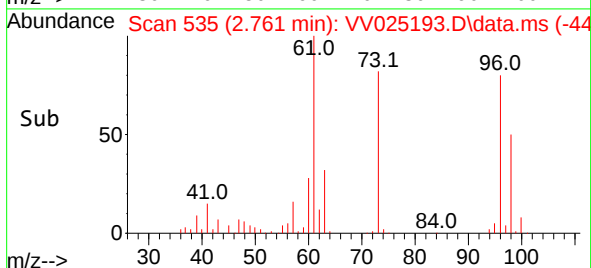
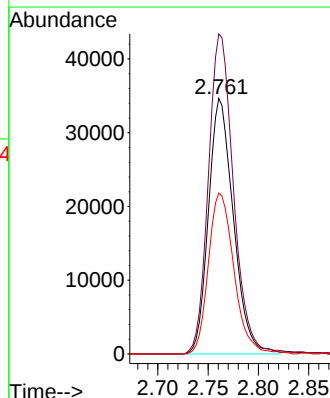
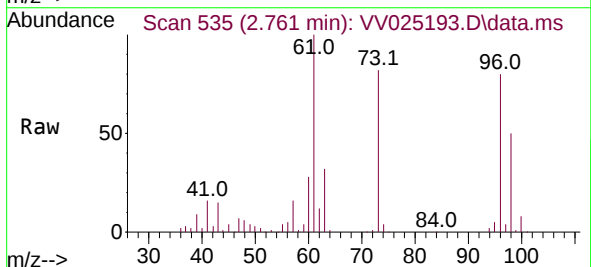
Ion	Ratio	Lower	Upper
73	100		
43	16.9	13.5	20.3
57	20.5	16.4	24.6

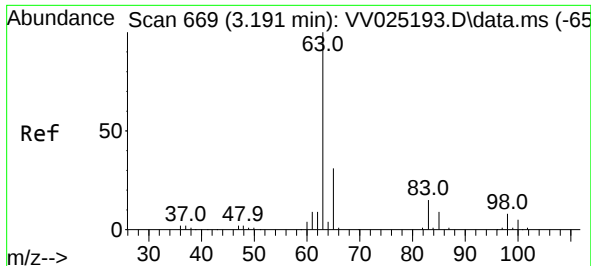


#18
trans-1,2-Dichloroethene
Concen: 5.061 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion: 96 Resp: 59878

Ion	Ratio	Lower	Upper
96	100		
61	125.2	87.6	162.8
98	62.9	44.0	81.8

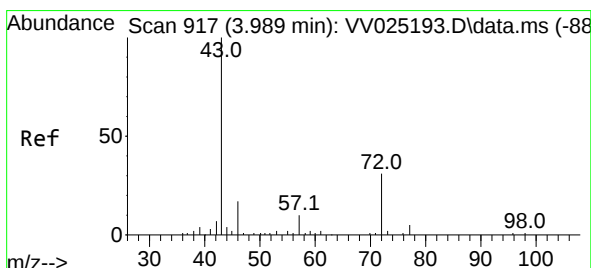
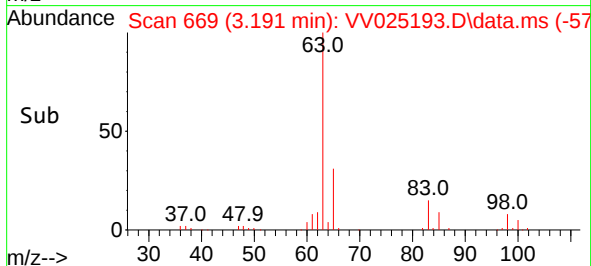
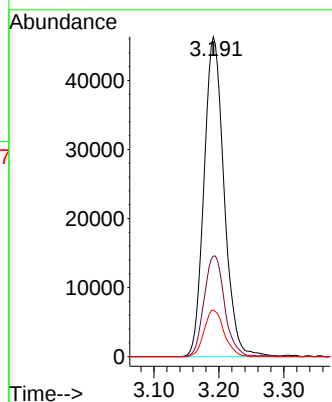
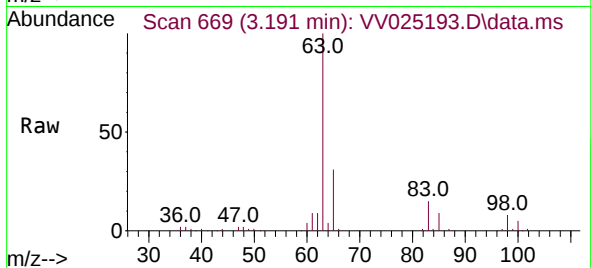




#19
1,1-Dichloroethane
Concen: 4.955 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

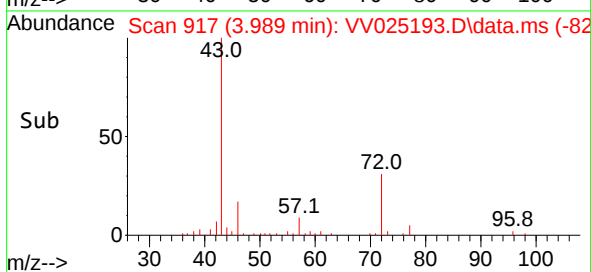
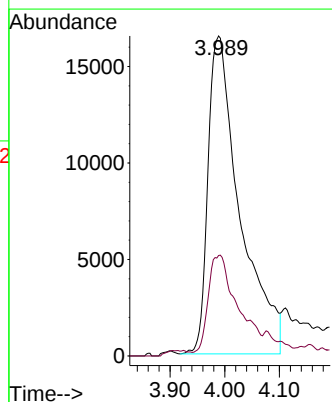
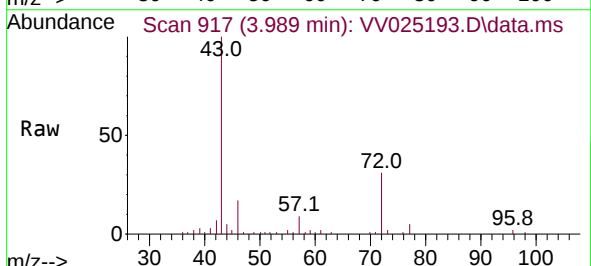
Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

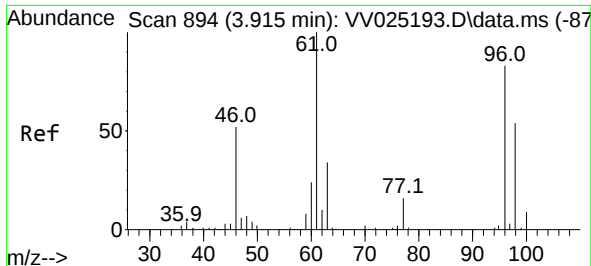
Tgt Ion:	63	Resp:	99548
Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.0	40.8
83	14.6	10.2	19.0



#21
2-Butanone
Concen: 43.216 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion:	43	Resp:	66758
Ion	Ratio	Lower	Upper
43	100		
72	27.8	11.8	35.4

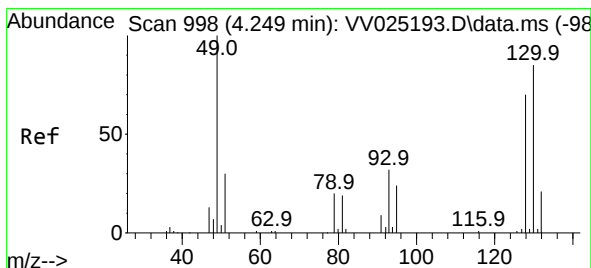
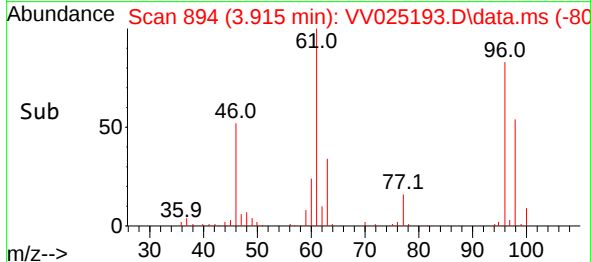
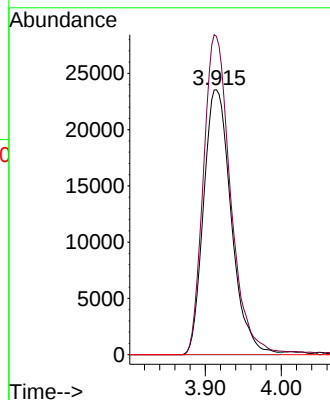
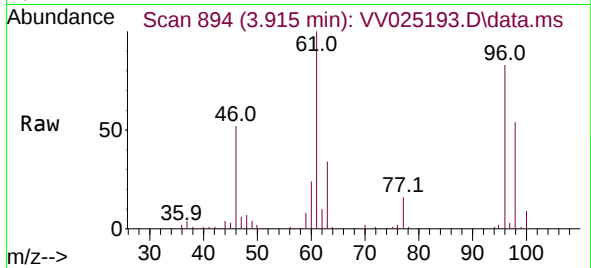




#22
 cis-1,2-Dichloroethene
 Concen: 5.006 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV025193.D
 Acq: 26 Mar 2022 12:45

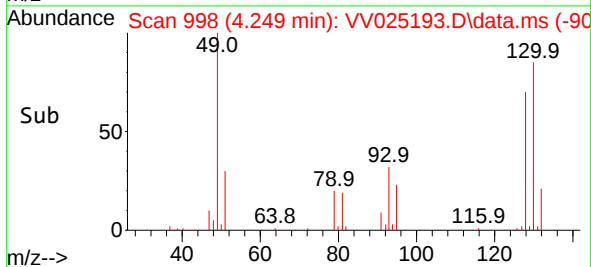
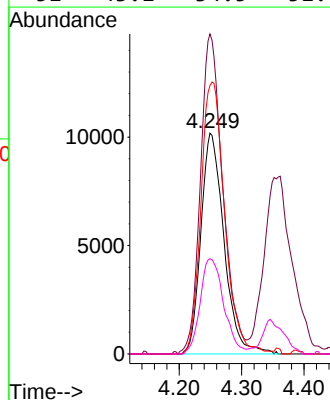
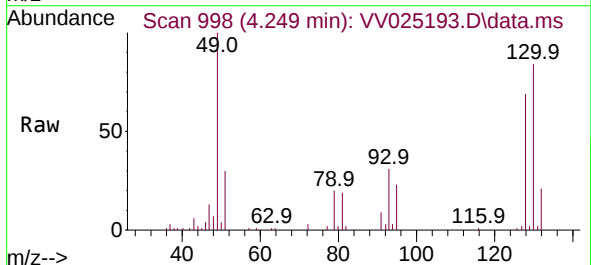
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005227

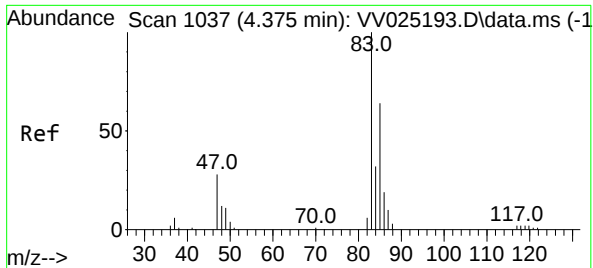
Tgt Ion: 96 Resp: 59459
 Ion Ratio Lower Upper
 96 100
 61 120.1 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.447 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VV025193.D
 Acq: 26 Mar 2022 12:45

Tgt Ion: 128 Resp: 26164
 Ion Ratio Lower Upper
 128 100
 49 144.9 101.4 188.4
 130 121.5 85.0 158.0
 51 43.1 34.5 51.7

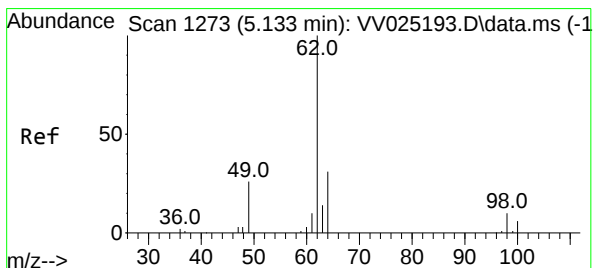
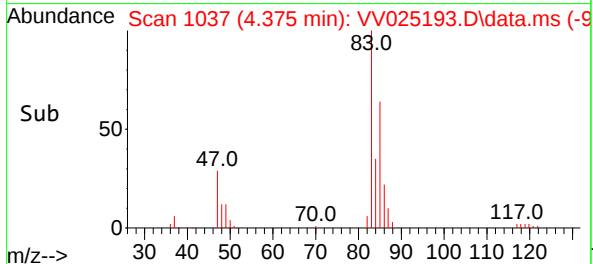
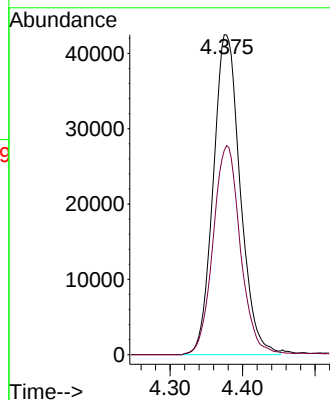
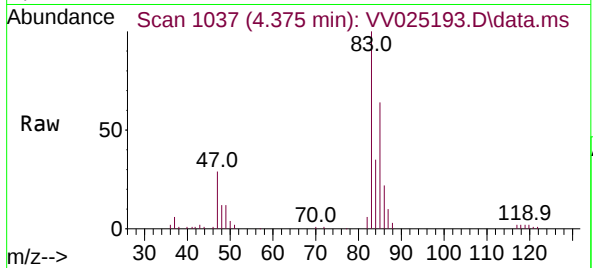




#25
Chloroform
Concen: 5.180 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

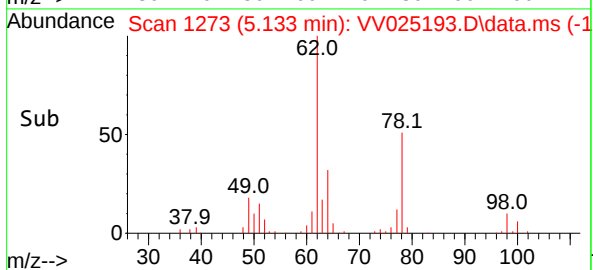
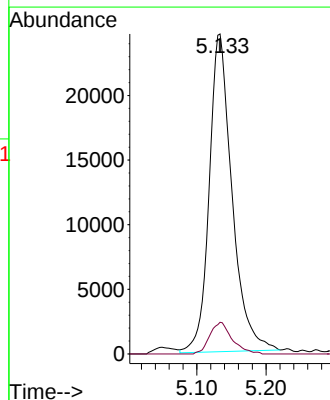
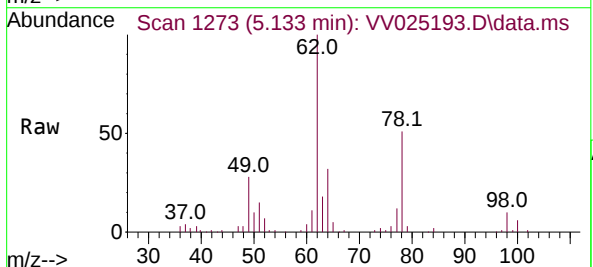
Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

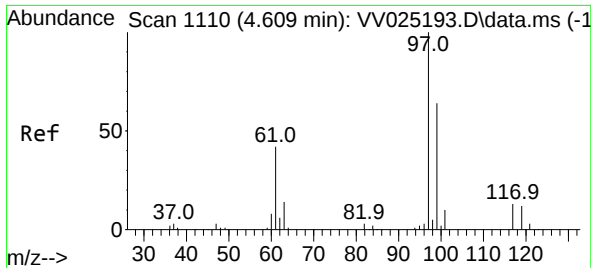
Tgt Ion: 83 Resp: 109593
Ion Ratio Lower Upper
83 100
85 63.8 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.298 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion: 62 Resp: 56307
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9

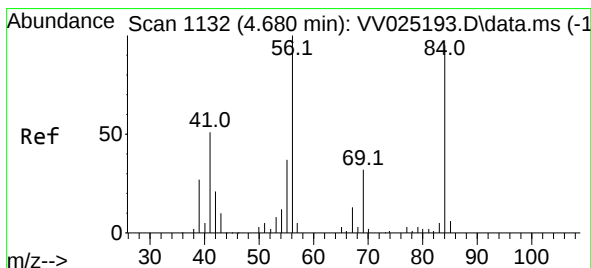
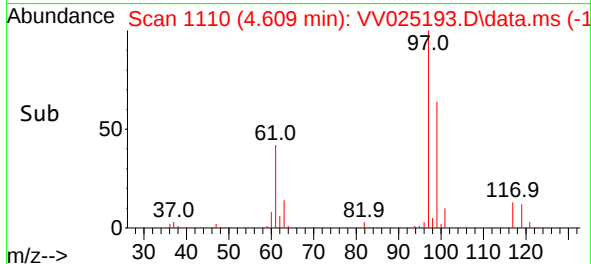
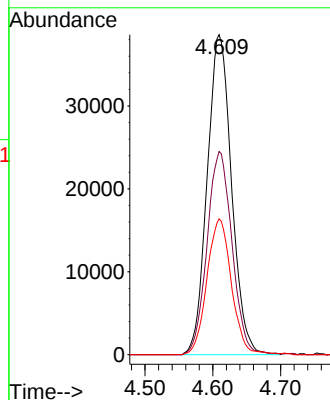
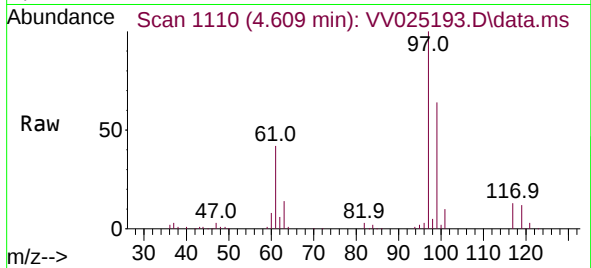




#29
1,1,1-Trichloroethane
Concen: 5.124 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

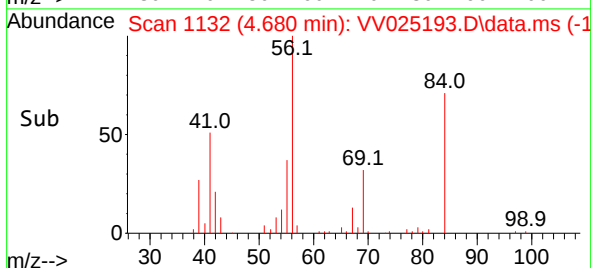
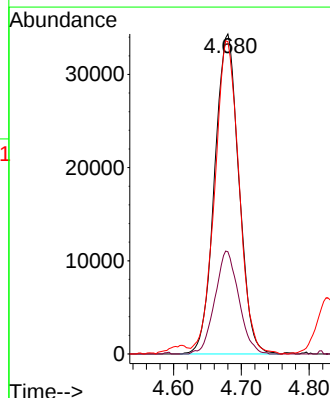
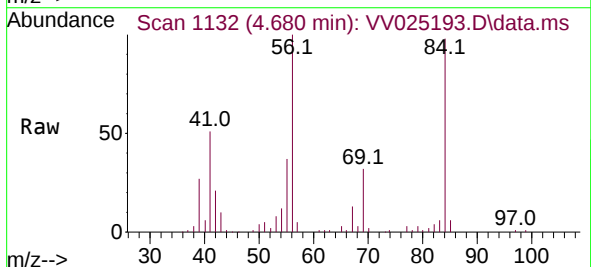
Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

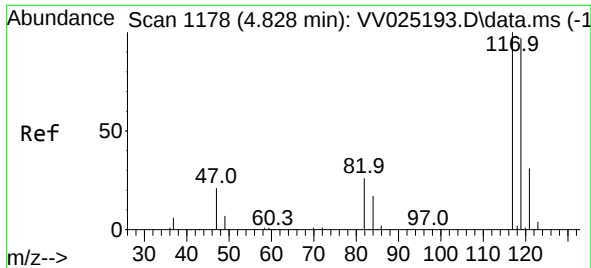
Tgt Ion:	97	Resp:	96446
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.9	77.9
61	42.7	34.2	51.2



#30
Cyclohexane
Concen: 4.752 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion:	56	Resp:	85381
Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.3	37.9
84	98.0	78.4	117.6

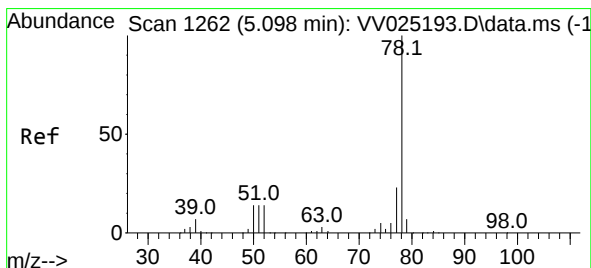
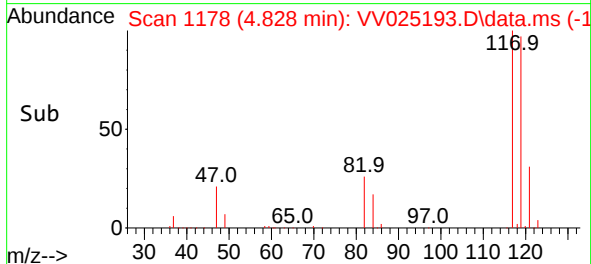
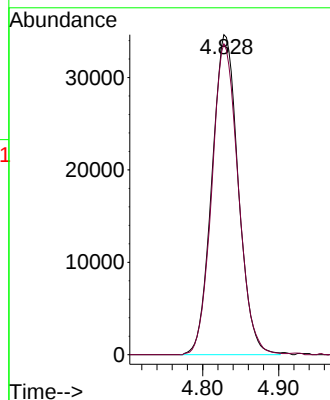
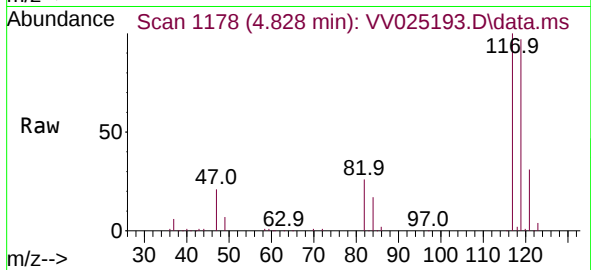




#31
Carbon tetrachloride
Concen: 5.161 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

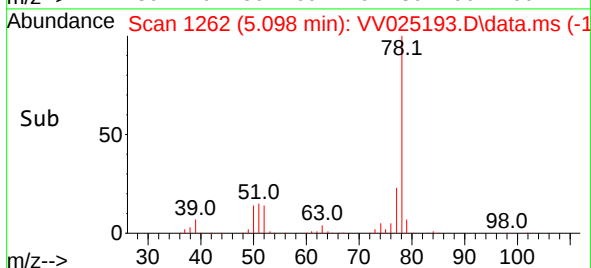
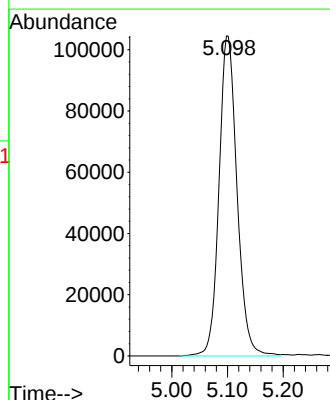
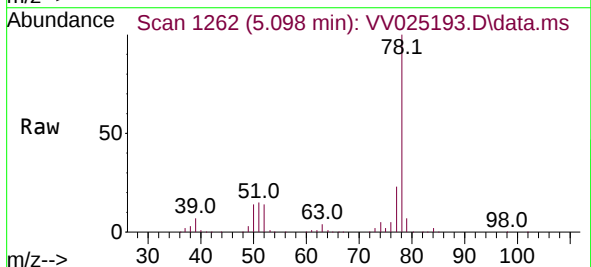
Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

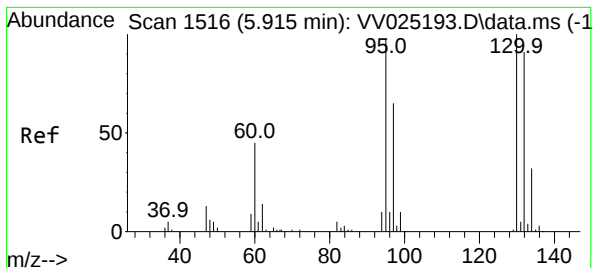
Tgt Ion:117 Resp: 83490
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6



#33
Benzene
Concen: 4.943 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion: 78 Resp: 235271





#34

Trichloroethene

Concen: 4.939 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005227

Tgt Ion: 95 Resp: 62522

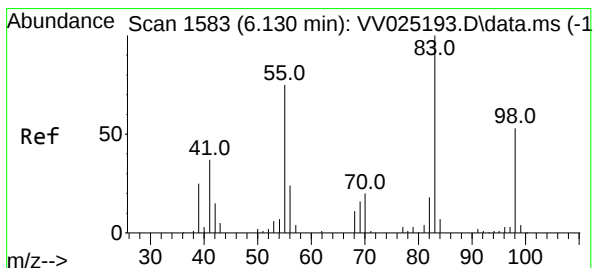
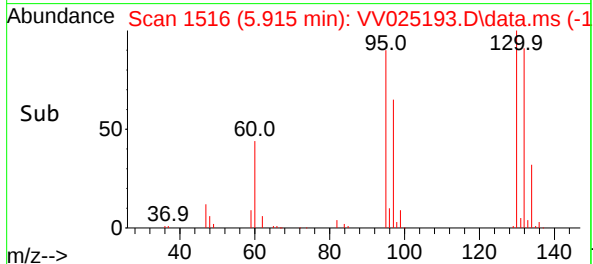
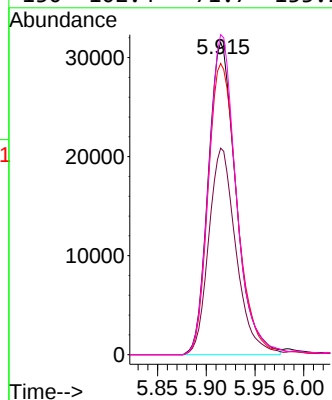
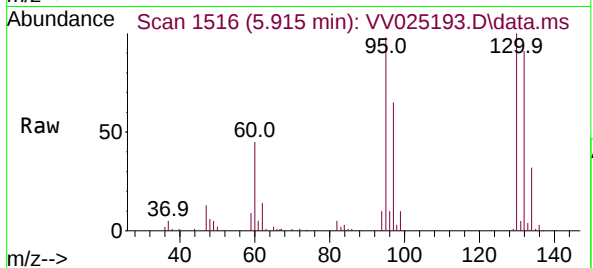
Ion Ratio Lower Upper

95 100

97 66.1 46.3 85.9

132 93.2 65.2 121.2

130 102.4 71.7 133.1



#35

Methylcyclohexane

Concen: 4.926 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

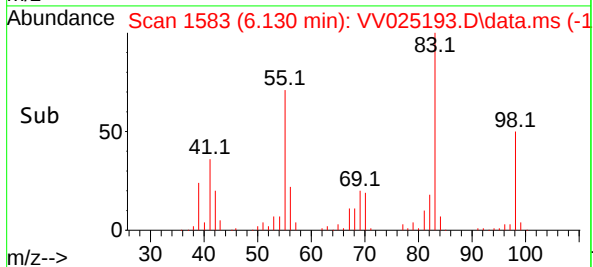
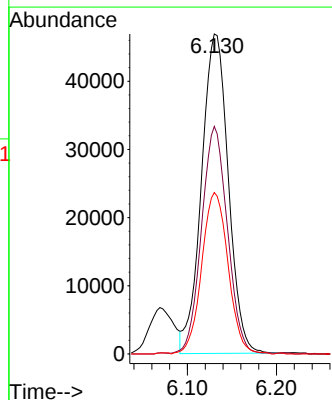
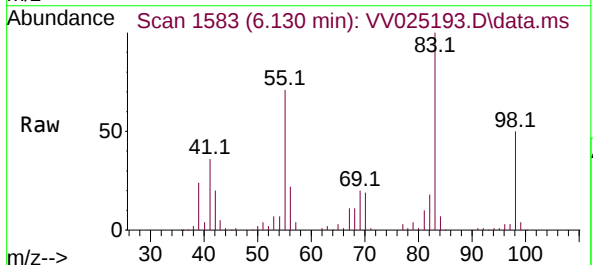
Tgt Ion: 83 Resp: 98133

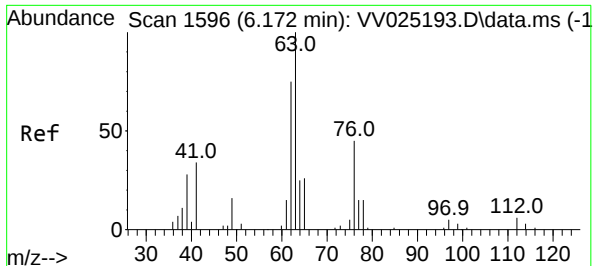
Ion Ratio Lower Upper

83 100

55 68.2 54.6 81.8

98 49.7 39.8 59.6





#37

1,2-Dichloropropane

Concen: 4.886 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

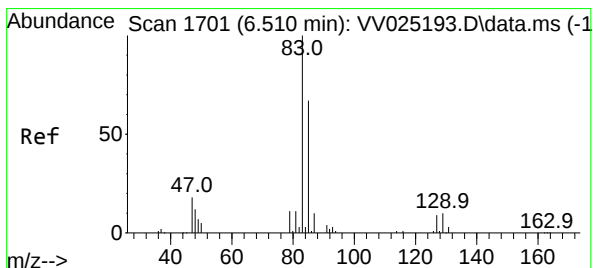
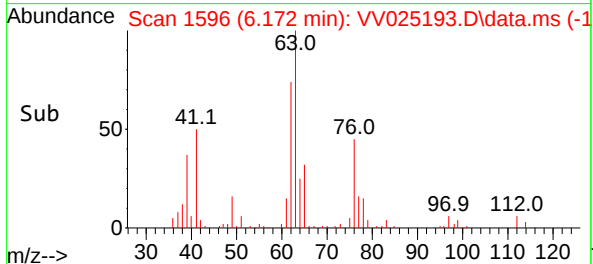
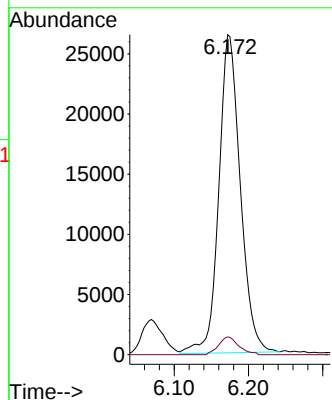
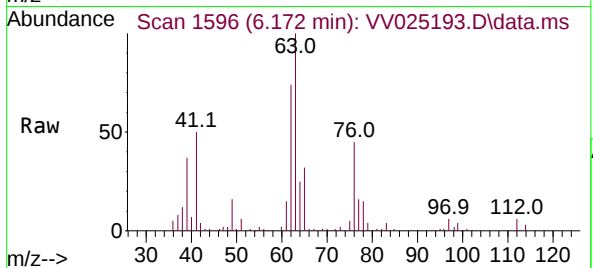
VSTD005227

Tgt Ion: 63 Resp: 53259

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.2



#38

Bromodichloromethane

Concen: 4.902 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

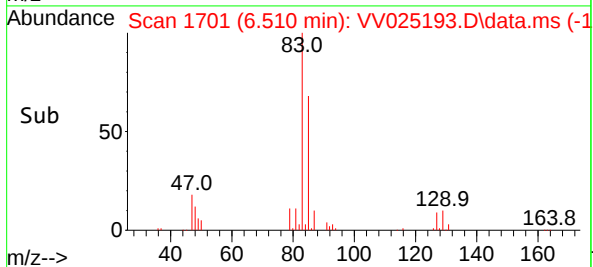
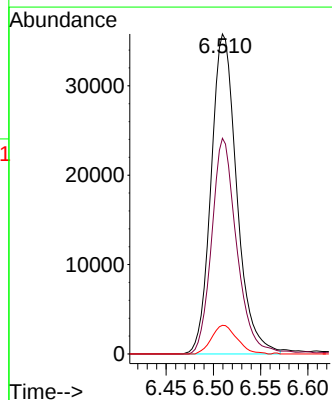
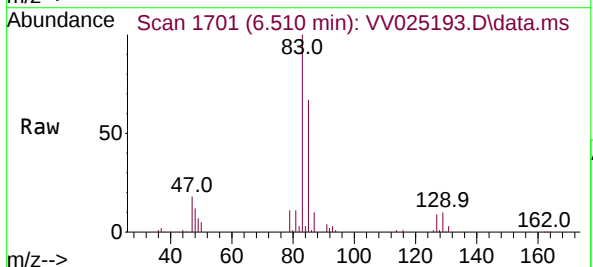
Tgt Ion: 83 Resp: 67713

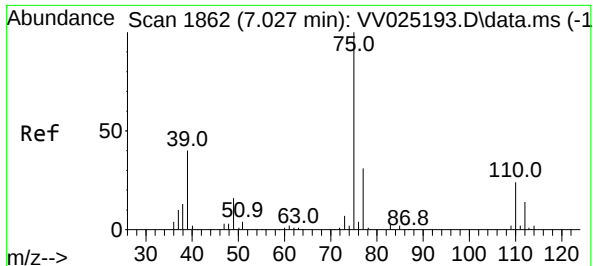
Ion Ratio Lower Upper

83 100

85 67.4 47.2 87.6

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.720 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

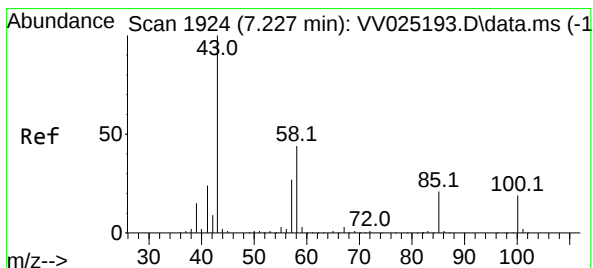
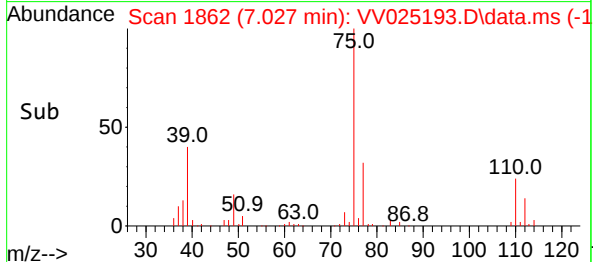
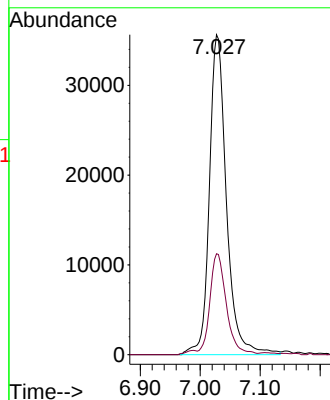
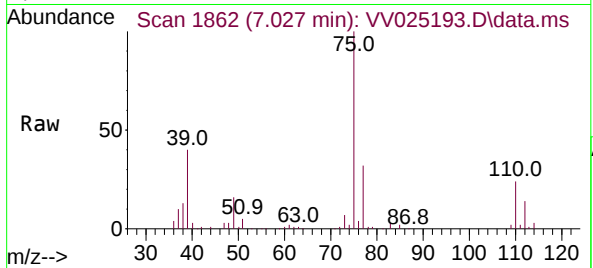
VSTD005227

Tgt Ion: 75 Resp: 70578

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 48.253 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

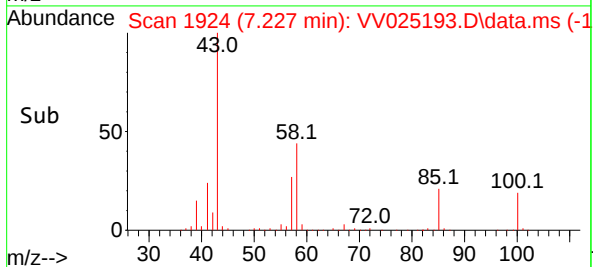
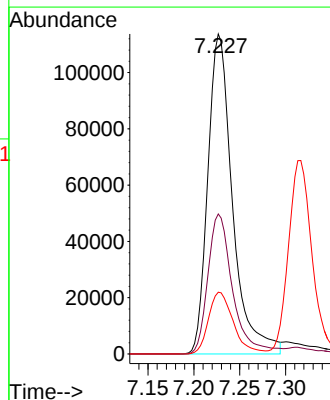
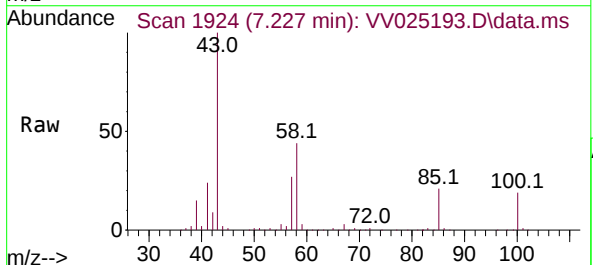
Tgt Ion: 43 Resp: 213644

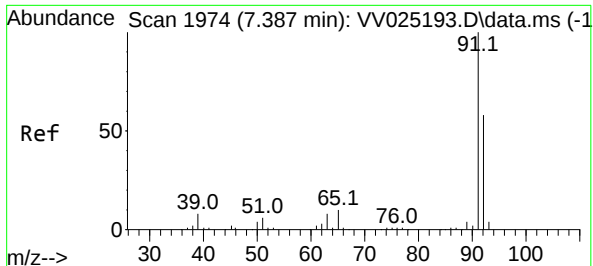
Ion Ratio Lower Upper

43 100

58 43.9 35.1 52.7

100 19.4 15.5 23.3





#42

Toluene

Concen: 5.169 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

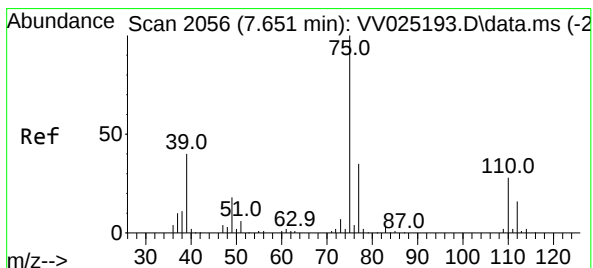
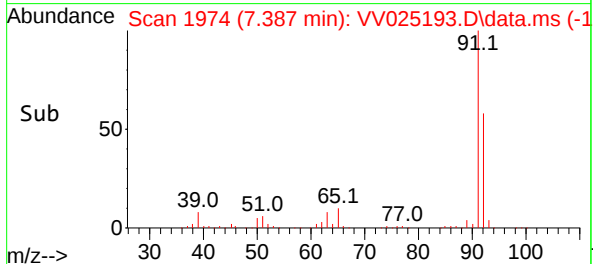
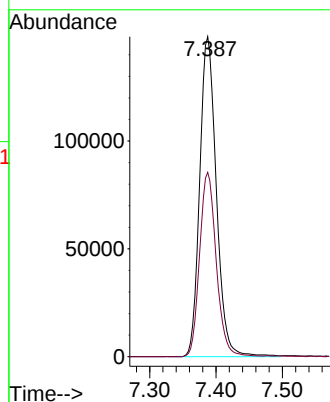
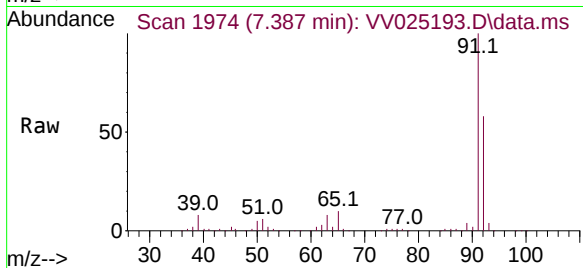
VSTD005227

Tgt Ion: 91 Resp: 258741

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.667 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV025193.D

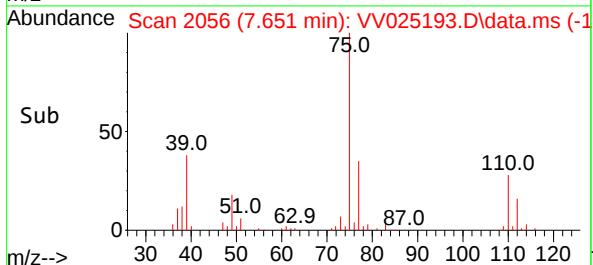
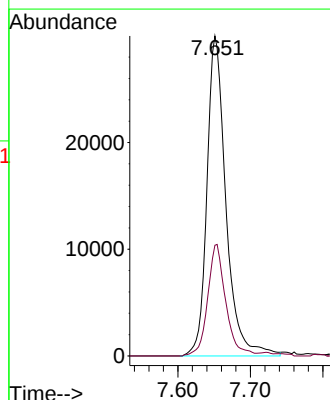
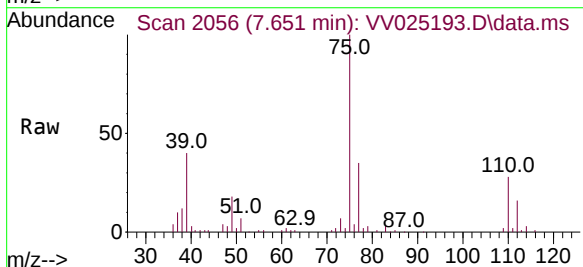
Acq: 26 Mar 2022 12:45

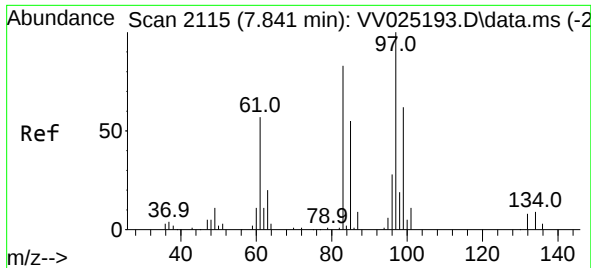
Tgt Ion: 75 Resp: 54620

Ion Ratio Lower Upper

75 100

77 34.6 24.2 45.0

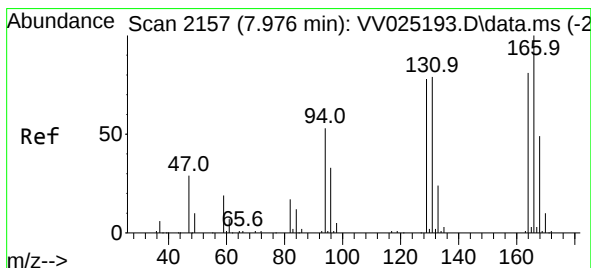
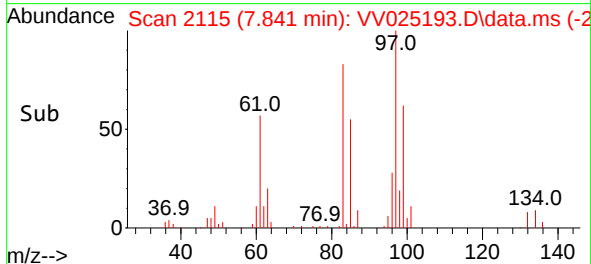
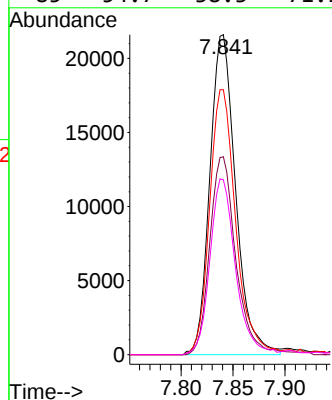
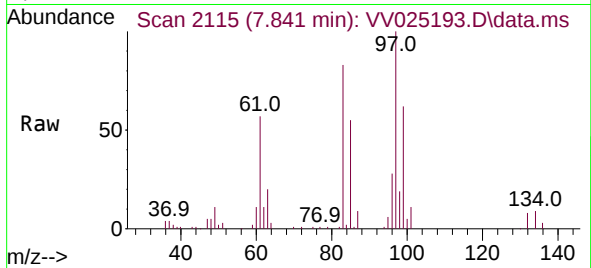




#45
1,1,2-Trichloroethane
Concen: 5.088 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

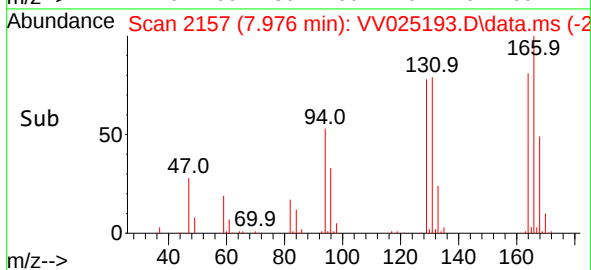
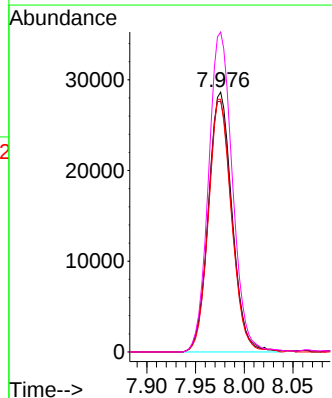
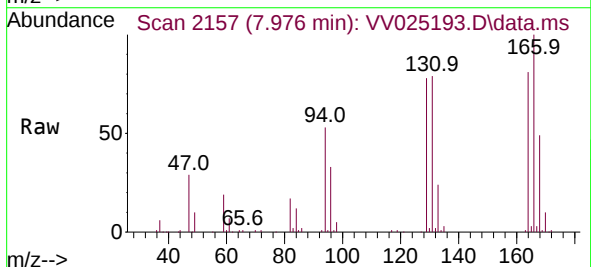
Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

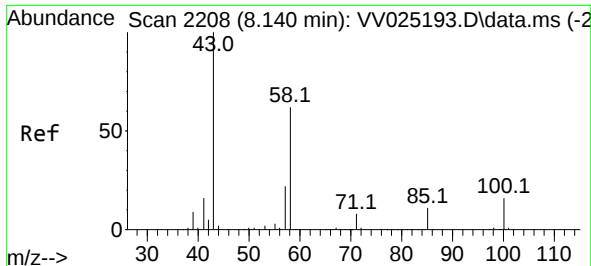
Tgt Ion: 97	Resp: 37290
Ion Ratio	Lower Upper
97 100	
99 61.9	43.3 80.5
83 82.8	58.0 107.6
85 54.7	38.3 71.1



#47
Tetrachloroethene
Concen: 5.302 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt	Ion:164	Resp:	48281
Ion	Ratio	Lower	Upper
164	100		
129	96.5	67.5	125.4
131	97.2	68.0	126.4
166	123.2	86.2	160.2



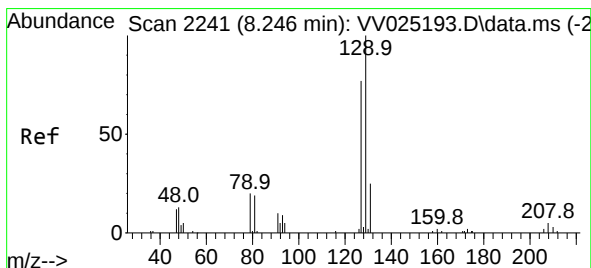
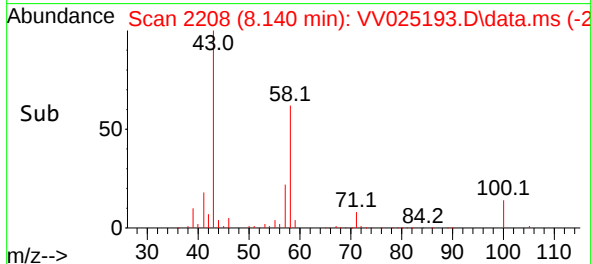
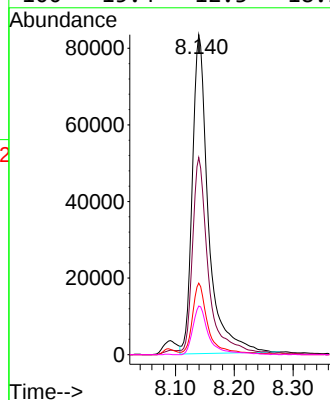
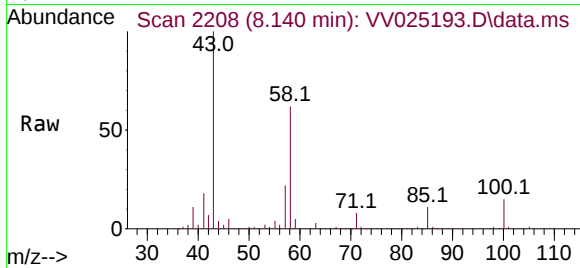


#48
2-Hexanone
Concen: 50.016 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

Tgt Ion: 43 Resp: 158310

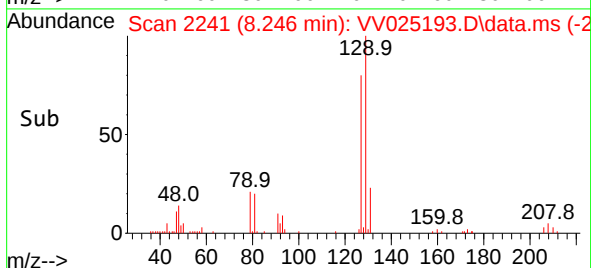
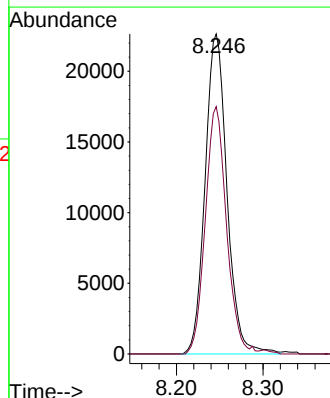
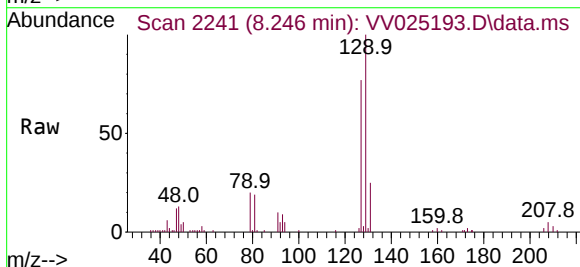
Ion	Ratio	Lower	Upper
43	100		
58	60.6	48.5	72.7
57	21.1	16.9	25.3
100	15.4	12.3	18.5

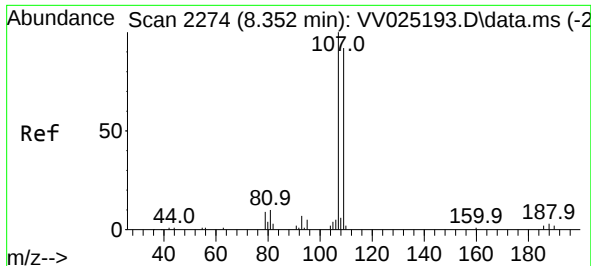


#49
Dibromochloromethane
Concen: 4.897 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion: 129 Resp: 39748

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.095 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005227

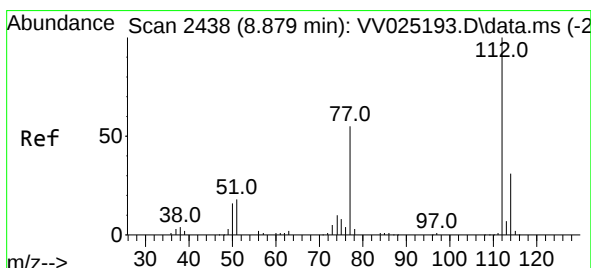
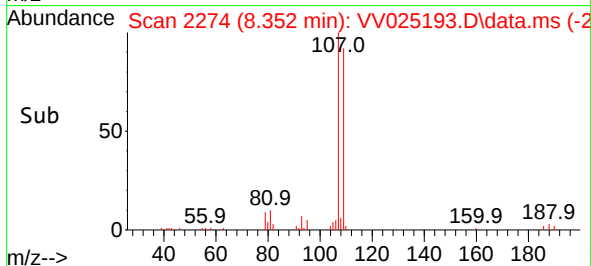
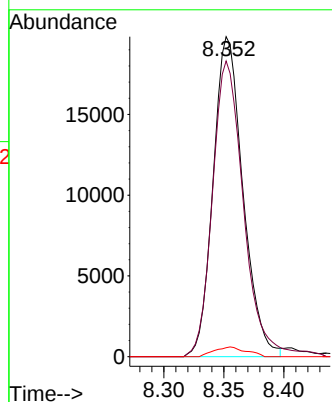
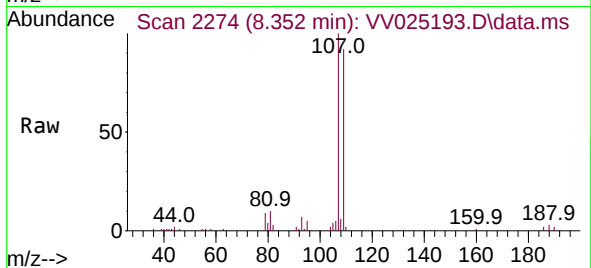
Tgt Ion:107 Resp: 34225

Ion Ratio Lower Upper

107 100

109 92.4 64.7 120.1

188 2.8 2.2 3.4



#51

Chlorobenzene

Concen: 5.097 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

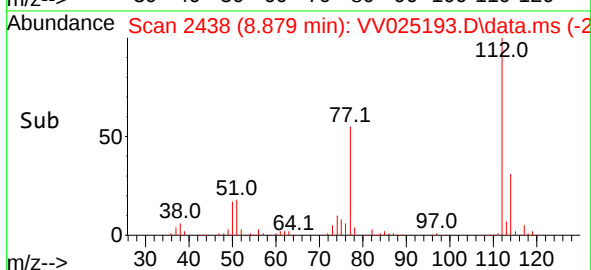
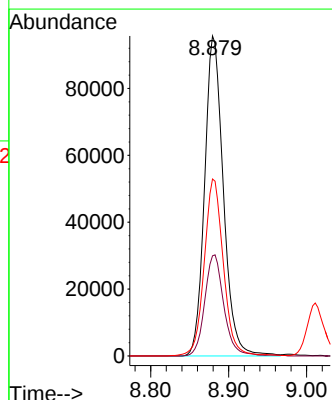
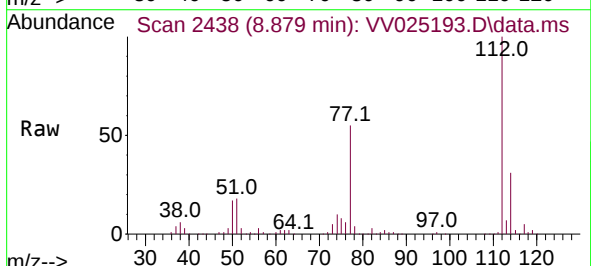
Tgt Ion:112 Resp: 160284

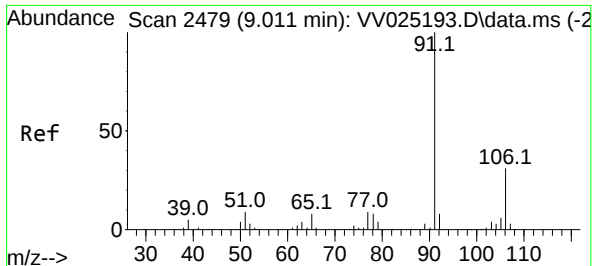
Ion Ratio Lower Upper

112 100

114 31.3 21.9 40.7

77 55.3 44.2 66.4

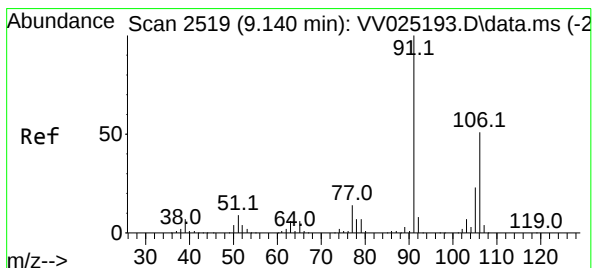
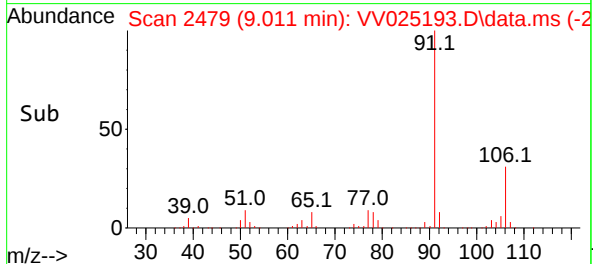
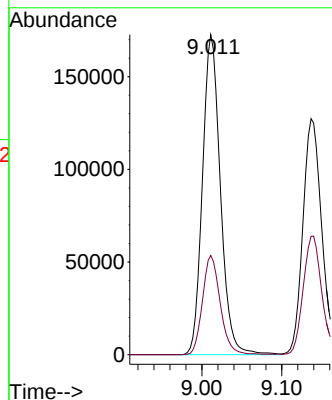
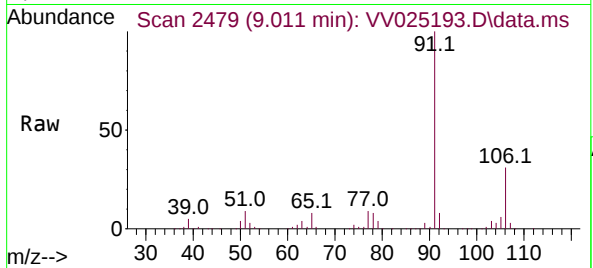




#52
Ethylbenzene
Concen: 5.105 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

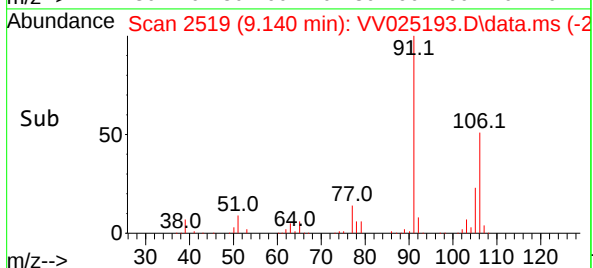
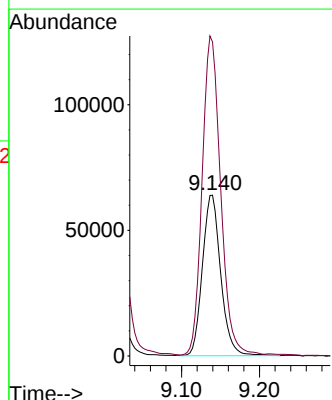
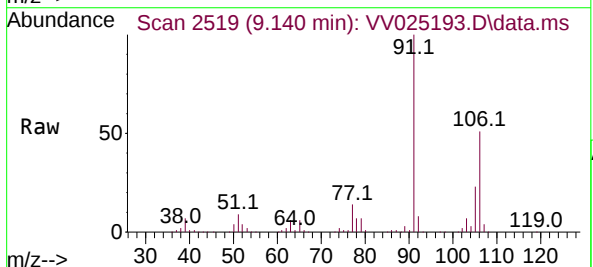
Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

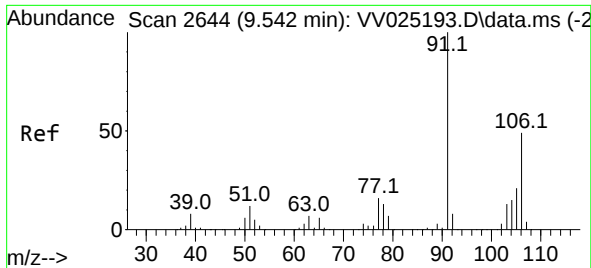
Tgt Ion: 91 Resp: 269724
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#53
m,p-Xylene
Concen: 5.124 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion: 106 Resp: 104197
Ion Ratio Lower Upper
106 100
91 195.4 136.8 254.0

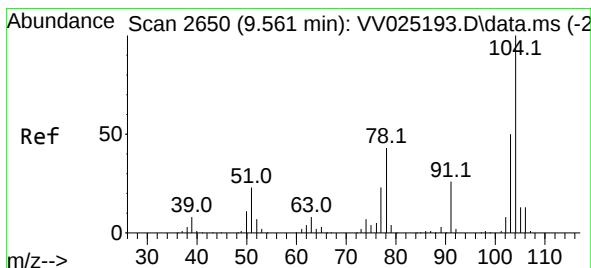
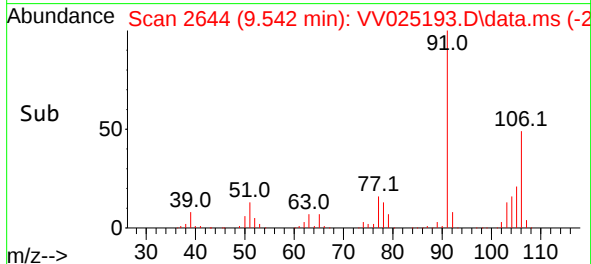
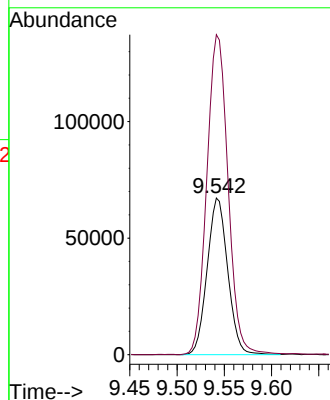
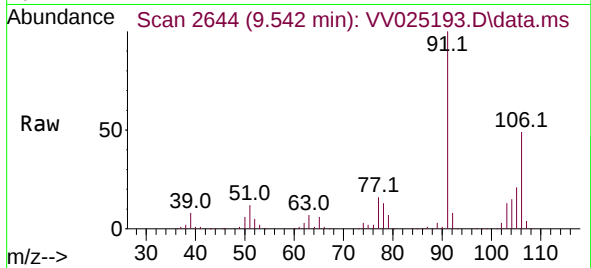




#54
o-Xylene
Concen: 5.219 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

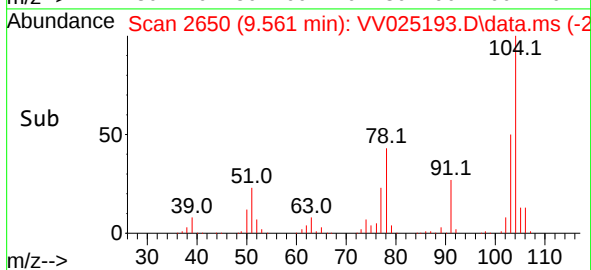
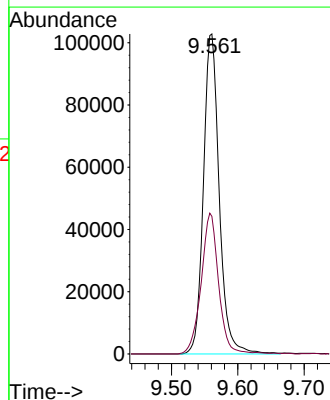
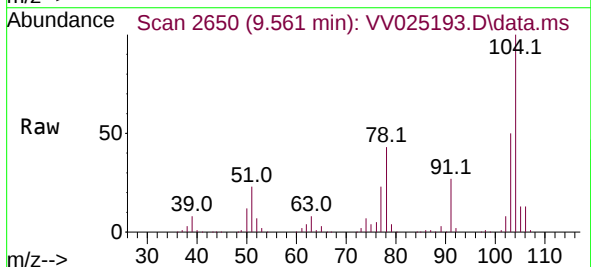
Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

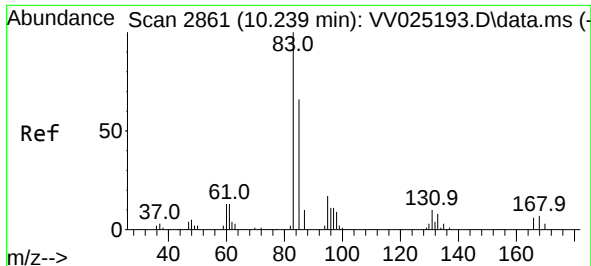
Tgt Ion:106 Resp: 101833
Ion Ratio Lower Upper
106 100
91 204.3 143.0 265.6



#55
Styrene
Concen: 5.358 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion:104 Resp: 170670
Ion Ratio Lower Upper
104 100
78 43.0 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.338 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005227

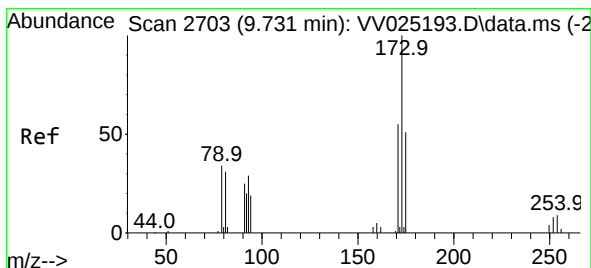
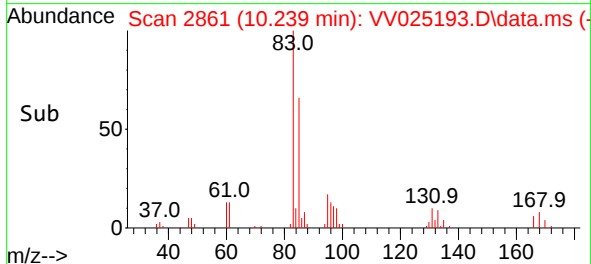
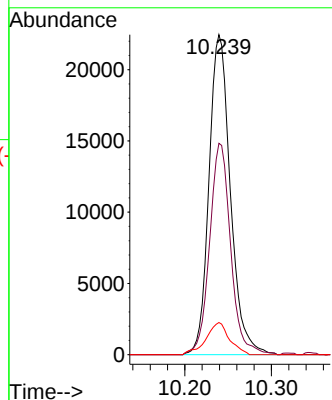
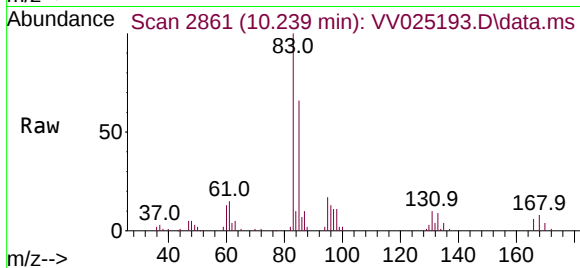
Tgt Ion: 83 Resp: 38550

Ion Ratio Lower Upper

83 100

85 66.0 46.2 85.8

131 10.1 8.1 12.1



#59

Bromoform

Concen: 4.240 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

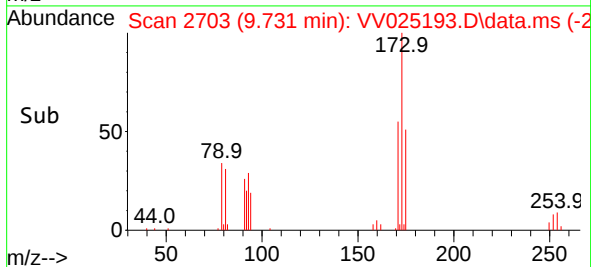
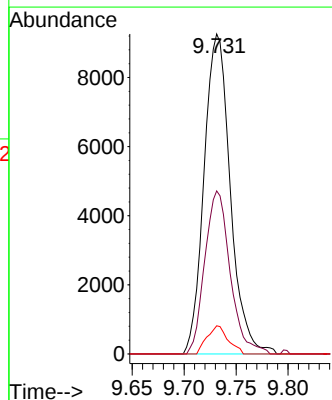
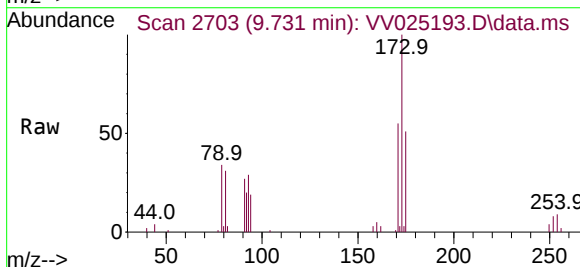
Tgt Ion: 173 Resp: 16229

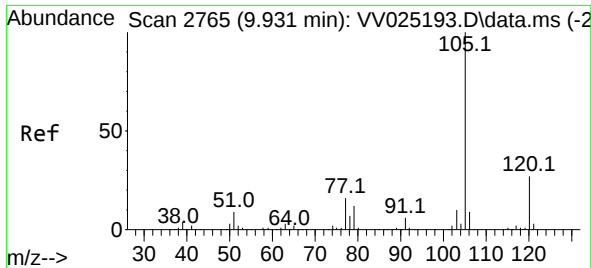
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

254 7.0 5.6 8.4

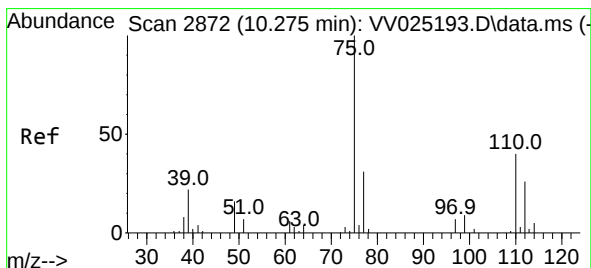
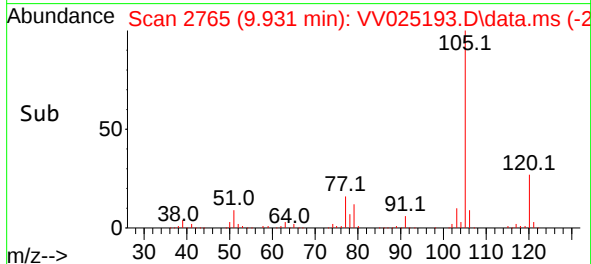
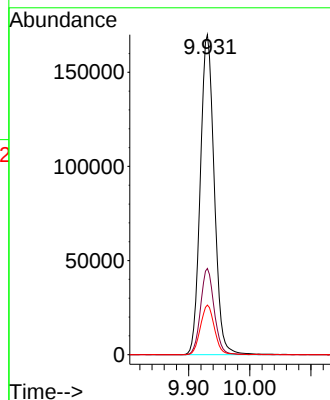
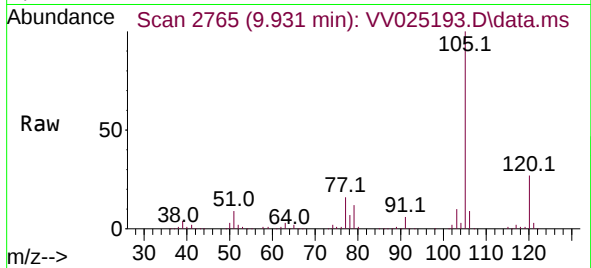




#60
Isopropylbenzene
Concen: 4.883 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

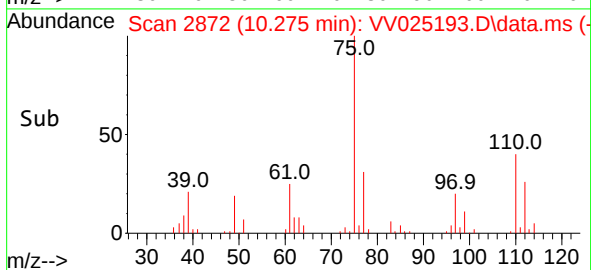
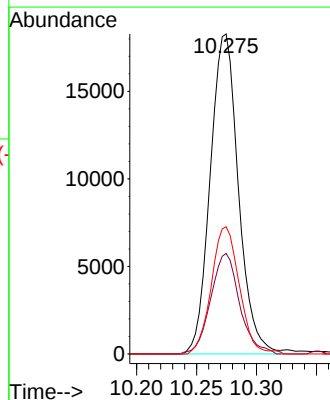
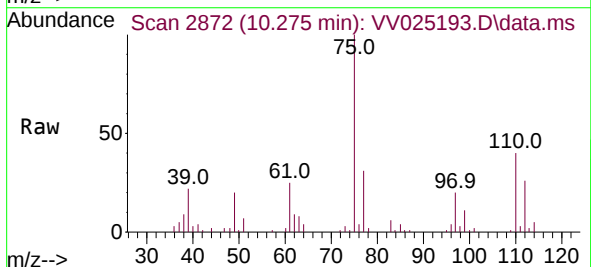
Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

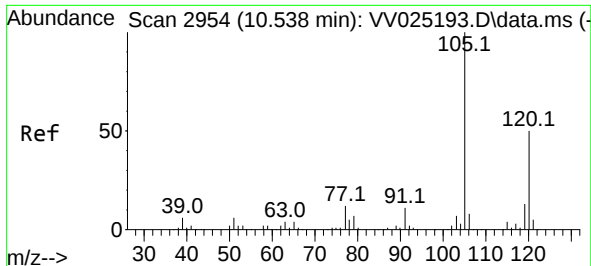
Tgt Ion:105 Resp: 269074
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 15.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.818 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion: 75 Resp: 29821
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
110 39.5 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 4.673 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

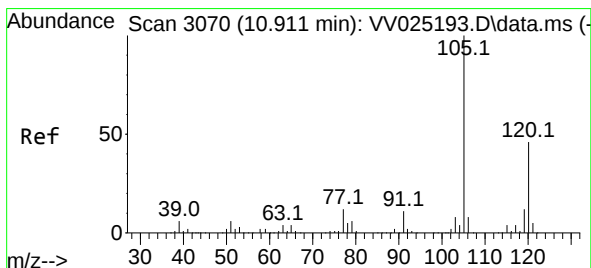
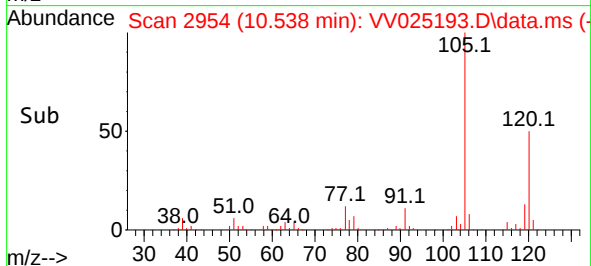
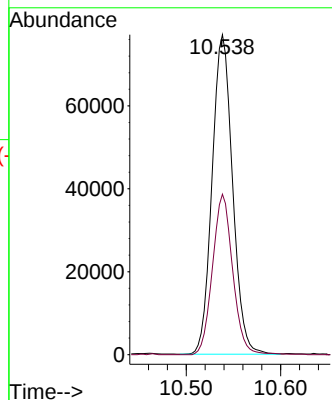
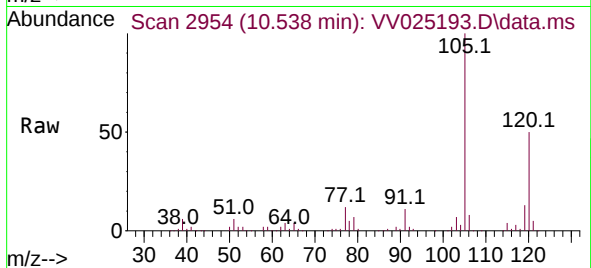
VSTD005227

Tgt Ion:105 Resp: 115908

Ion Ratio Lower Upper

105 100

120 49.6 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.918 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025193.D

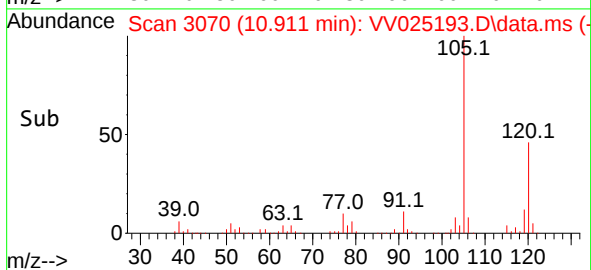
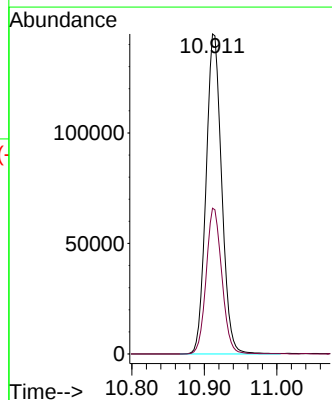
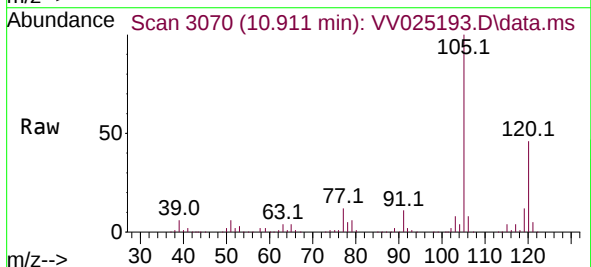
Acq: 26 Mar 2022 12:45

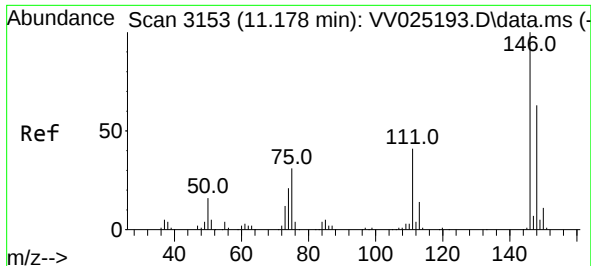
Tgt Ion:105 Resp: 216866

Ion Ratio Lower Upper

105 100

120 45.6 36.5 54.7

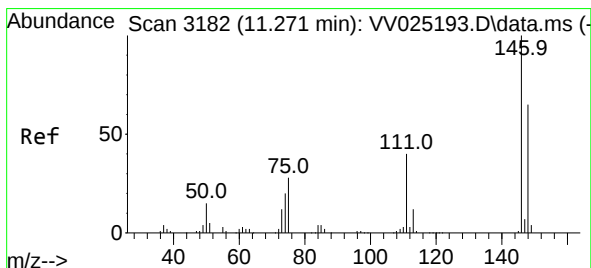
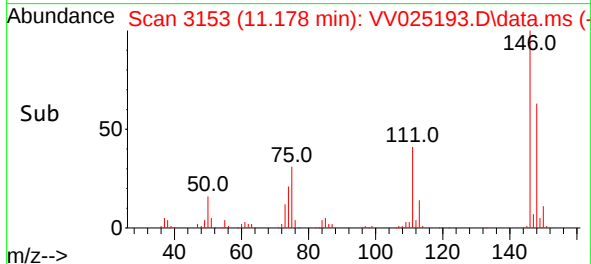
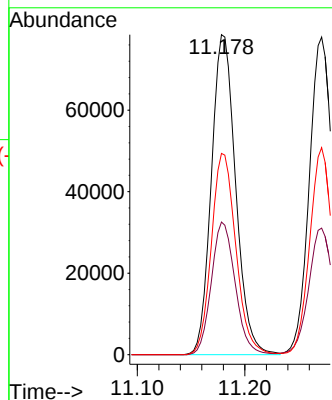
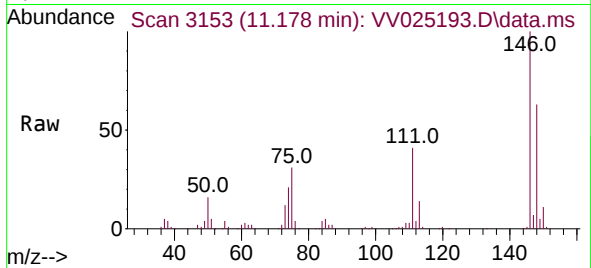




#64
1,3-Dichlorobenzene
Concen: 5.098 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

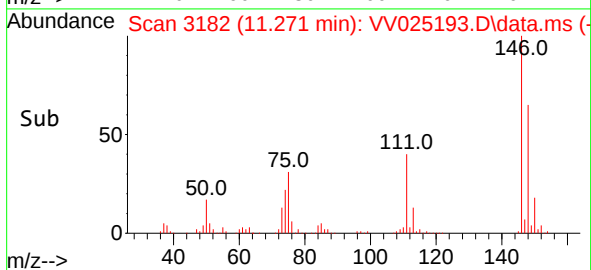
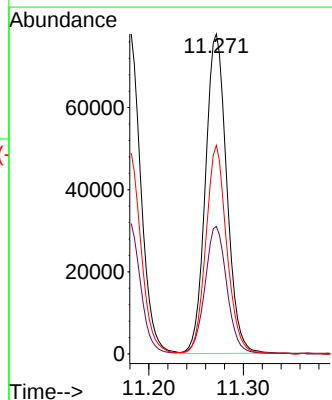
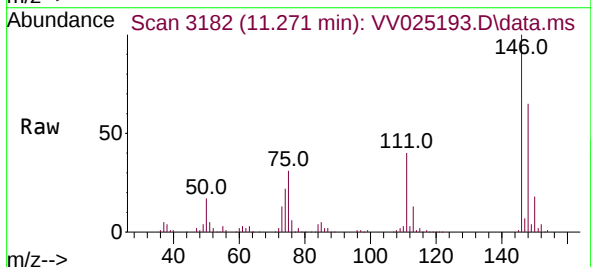
Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

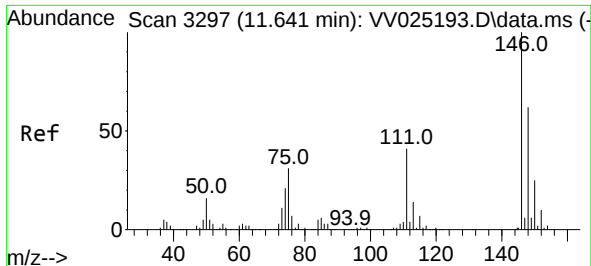
Tgt Ion:146 Resp: 123415
Ion Ratio Lower Upper
146 100
111 41.4 29.0 53.8
148 62.9 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.980 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion:146 Resp: 121696
Ion Ratio Lower Upper
146 100
111 39.9 27.9 51.9
148 65.2 45.6 84.8

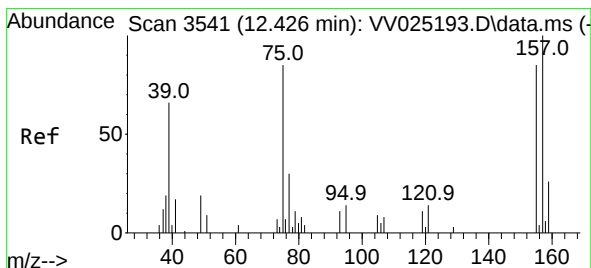
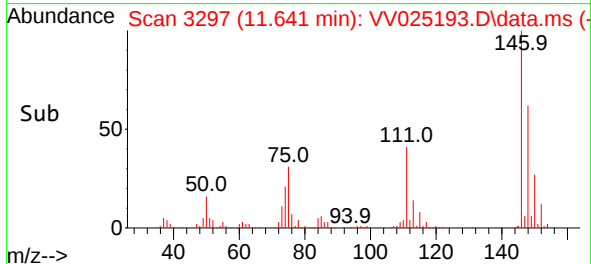
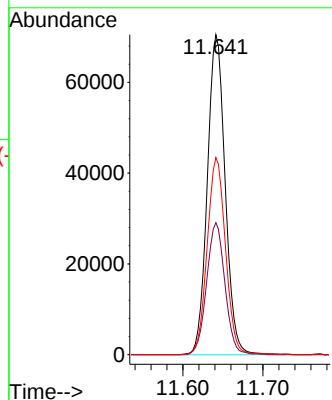
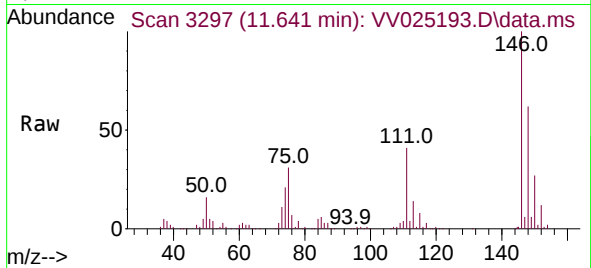




#67
1,2-Dichlorobenzene
Concen: 5.088 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

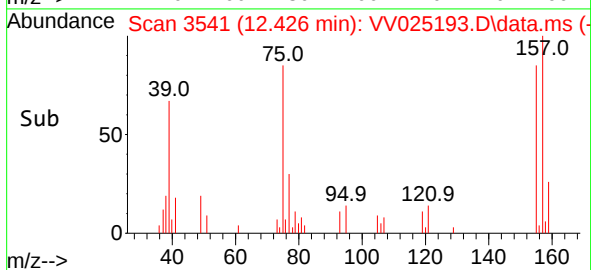
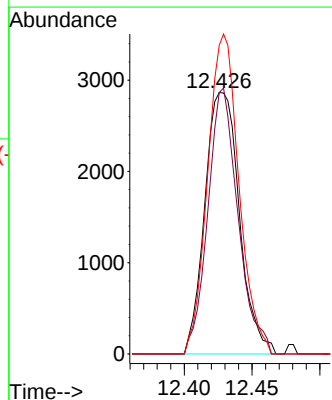
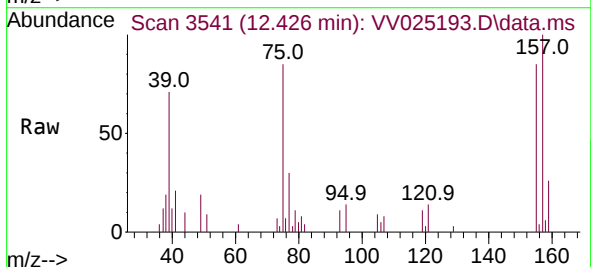
Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

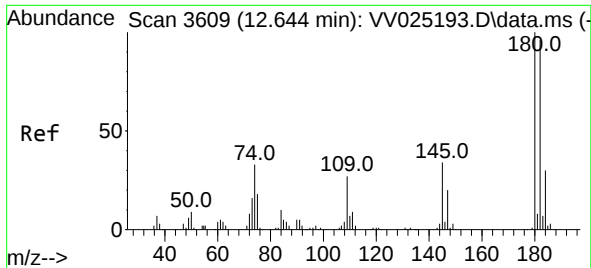
Tgt Ion:146 Resp: 109615
Ion Ratio Lower Upper
146 100
111 41.3 33.0 49.6
148 61.6 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.789 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion: 75 Resp: 5071
Ion Ratio Lower Upper
75 100
155 100.0 80.0 120.0
157 118.1 94.5 141.7





#69

1,3,5-Trichlorobenzene

Concen: 5.067 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005227

Tgt Ion:180 Resp: 87048

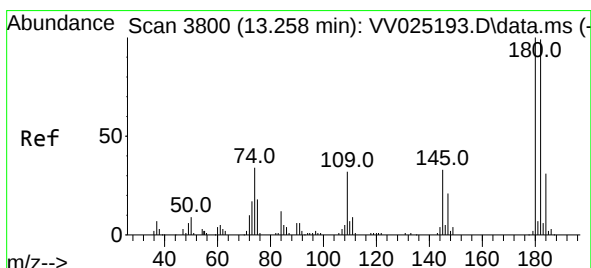
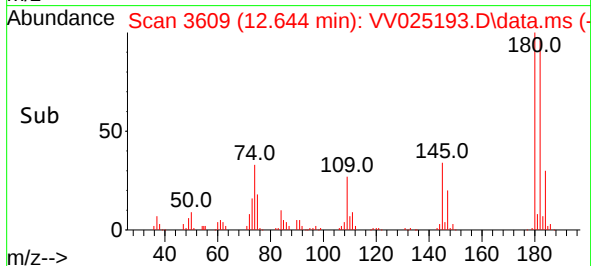
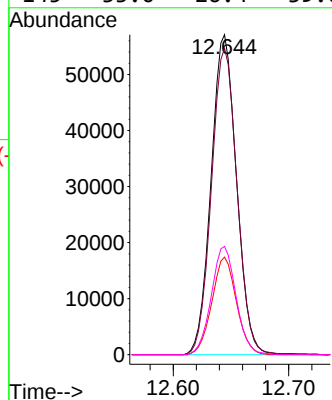
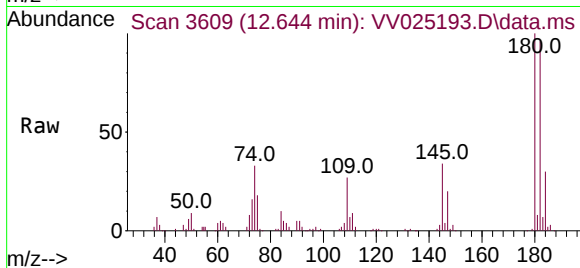
Ion Ratio Lower Upper

180 100

182 96.4 77.1 115.7

184 29.5 23.6 35.4

145 33.0 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 4.981 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025193.D

Acq: 26 Mar 2022 12:45

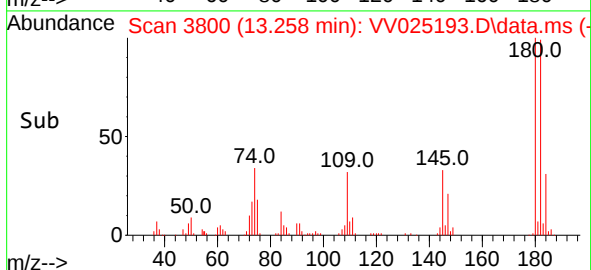
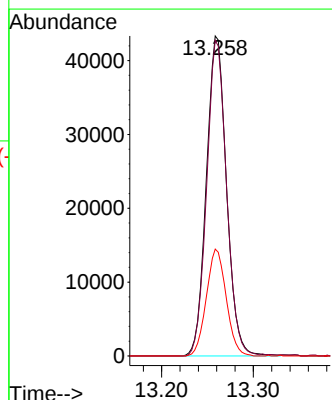
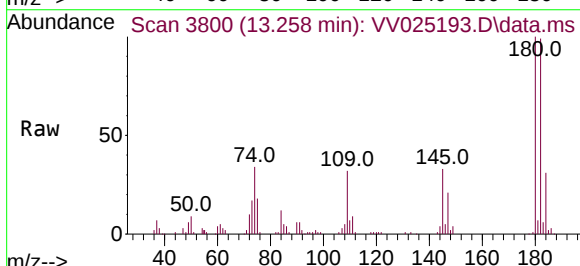
Tgt Ion:180 Resp: 66255

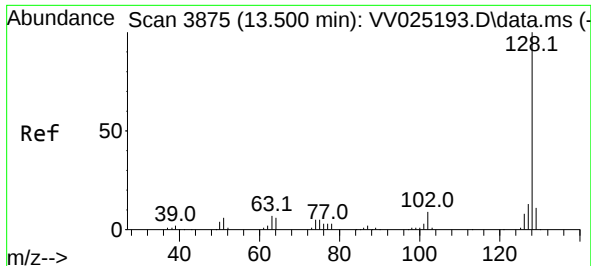
Ion Ratio Lower Upper

180 100

182 96.9 77.5 116.3

145 32.8 26.2 39.4

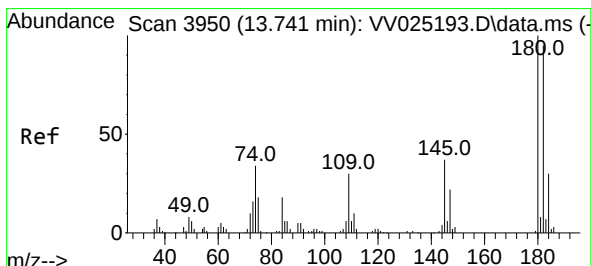
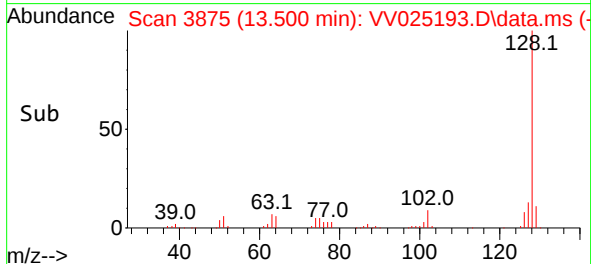
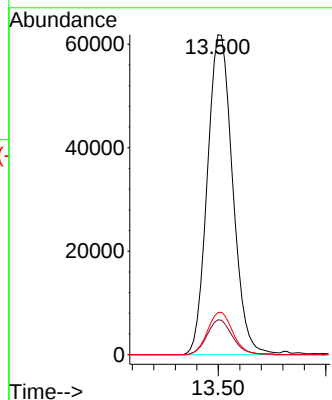
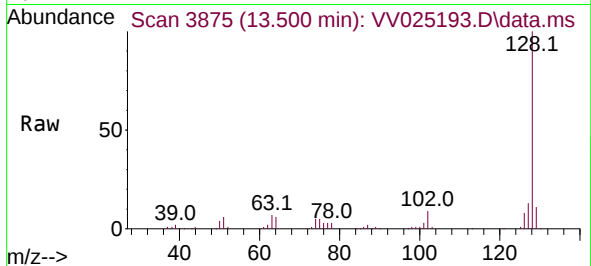




#71
Naphthalene
Concen: 4.613 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD005227

Tgt Ion:128 Resp: 100999
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.013 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025193.D
Acq: 26 Mar 2022 12:45

Tgt Ion:180 Resp: 56590
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
145 35.7 28.6 42.8

