

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031122\
 Data File : VW024974.D
 Acq On : 11 Mar 2022 19:19
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050288

Quant Time: Mar 11 23:12:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 23:08:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	280783	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	274173	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	139703	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	104544	36.617	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.240%		
7) Chloroethane-d5	1.568	69	85044	37.967	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.940%		
11) 1,1-Dichloroethene-d2	2.108	63	193265	40.331	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.660%		
21) 2-Butanone-d5	3.892	46	148179	91.198	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.200%		
24) Chloroform-d	4.349	84	212878	42.713	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.420%		
26) 1,2-Dichloroethane-d4	5.031	65	122592	41.689	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.380%		
32) Benzene-d6	5.050	84	421961	41.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.040%		
36) 1,2-Dichloropropane-d6	6.069	67	131221	41.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.880%		
41) Toluene-d8	7.313	98	381354	42.358	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.720%		
43) trans-1,3-Dichloroprop...	7.619	79	58159	42.274	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.540%		
47) 2-Hexanone-d5	8.088	63	106467	88.589	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.590%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	168737	44.932	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.860%		
66) 1,2-Dichlorobenzene-d4	11.622	152	135310	42.047	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	134591	50.770	ug/L	99
3) Chloromethane	1.243	50	131202	47.838	ug/L	99
5) Vinyl chloride	1.310	62	139976	49.743	ug/L	99
6) Bromomethane	1.523	94	87553	52.084	ug/L	99
8) Chloroethane	1.587	64	85293	51.720	ug/L	99
9) Trichlorofluoromethane	1.754	101	188029	52.250	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	105489	49.430	ug/L	98
12) 1,1-Dichloroethene	2.118	96	104396	50.230	ug/L	90
13) Acetone	2.188	43	104888	84.539	ug/L	100
14) Carbon disulfide	2.294	76	321704	50.668	ug/L	99
15) Methyl Acetate	2.436	43	123603	57.993	ug/L	97
16) Methylene chloride	2.507	84	135397	55.626	ug/L	96
17) trans-1,2-Dichloroethene	2.761	96	122620	54.553	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	383535	55.963	ug/L	99
19) 1,1-Dichloroethane	3.191	63	224273	55.338	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	136612	56.148	ug/L	95
22) 2-Butanone	3.976	43	168098	118.157	ug/L	98
23) Bromochloromethane	4.249	128	68647	56.415	ug/L	96
25) Chloroform	4.375	83	236792	56.246	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031122\
 Data File : VW024974.D
 Acq On : 11 Mar 2022 19:19
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050288

Quant Time: Mar 11 23:12:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 23:08:36 2022
 Response via : Initial Calibration

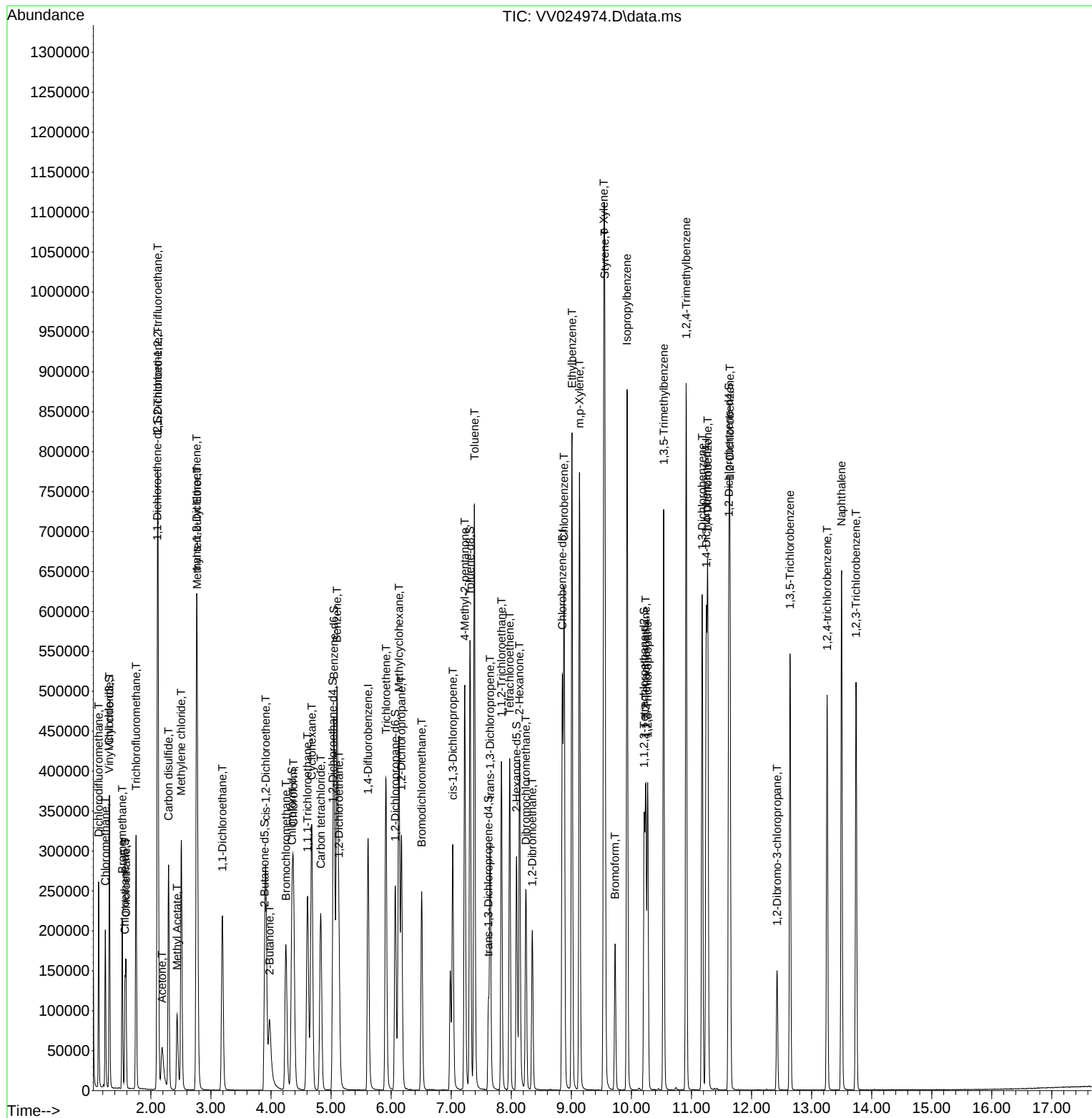
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	163414	55.624	ug/L	97
29) Cyclohexane	4.677	56	187865	52.383	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	202782	56.168	ug/L	99
31) Carbon tetrachloride	4.828	117	171426	55.846	ug/L	100
33) Benzene	5.098	78	518096	55.992	ug/L	100
34) Trichloroethene	5.915	95	139952	55.174	ug/L	99
35) Methylcyclohexane	6.130	83	198832	51.665	ug/L	98
37) 1,2-Dichloropropane	6.172	63	132327	56.991	ug/L	99
38) Bromodichloromethane	6.510	83	169799	55.806	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	198780	56.882	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	322360	116.448	ug/L	97
42) Toluene	7.387	91	550511	57.016	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	182909	56.972	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	132304	58.645	ug/L	99
46) Tetrachloroethene	7.973	164	89293	54.507	ug/L	97
48) 2-Hexanone	8.137	43	249752	114.635	ug/L	97
49) Dibromochloromethane	8.243	129	132512	60.781	ug/L	100
50) 1,2-Dibromoethane	8.349	107	135869	58.398	ug/L	100
51) Chlorobenzene	8.879	112	341953	56.141	ug/L	99
52) Ethylbenzene	9.011	91	576605	56.621	ug/L	100
53) m,p-Xylene	9.137	106	221916	56.712	ug/L	99
54) o-Xylene	9.542	106	216739	57.323	ug/L	100
55) Styrene	9.558	104	380195	59.264	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	186739	59.178	ug/L	98
59) Bromoform	9.728	173	77357	60.785	ug/L	99
60) Isopropylbenzene	9.928	105	572121	56.390	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	157869	56.475	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	387133	56.554	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	477515	56.914	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	245293	55.096	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	245476	53.857	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	245160	54.716	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	37753	59.161	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	159084	52.935	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	139425	53.248	ug/L	99
71) Naphthalene	13.500	128	500476	58.993	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	144260	55.872	ug/L	99

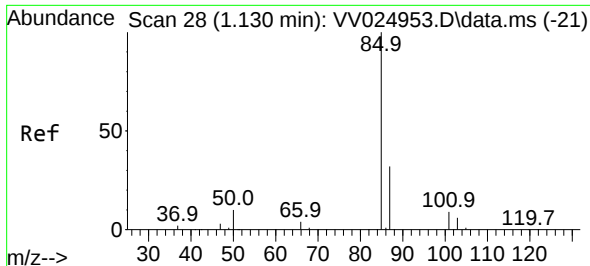
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031122\
 Data File : VV024974.D
 Acq On : 11 Mar 2022 19:19
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050288

Quant Time: Mar 11 23:12:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 23:08:36 2022
 Response via : Initial Calibration

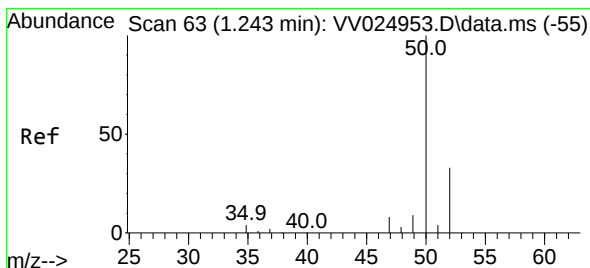
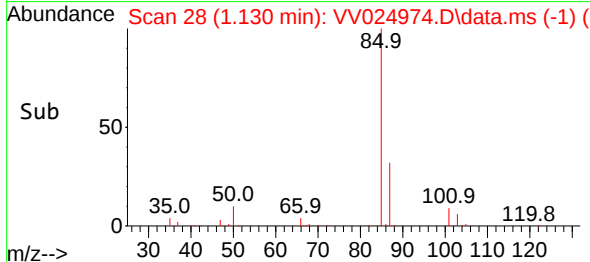
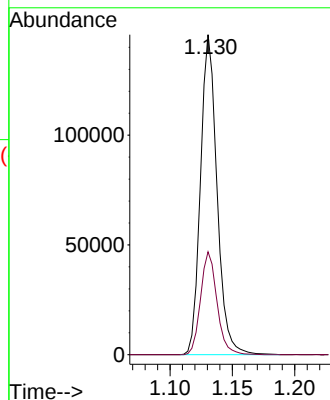
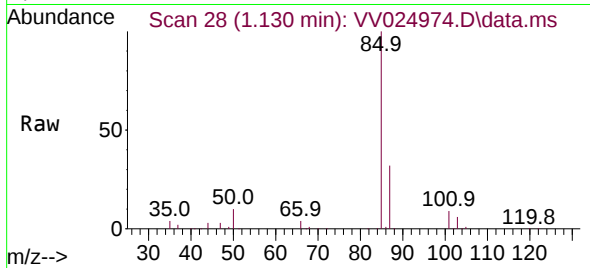




#2
 Dichlorodifluoromethane
 Concen: 50.770 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024974.D
 Acq: 11 Mar 2022 19:19

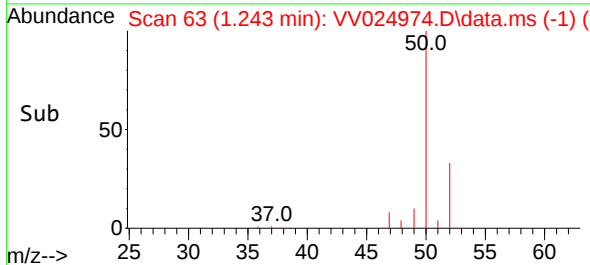
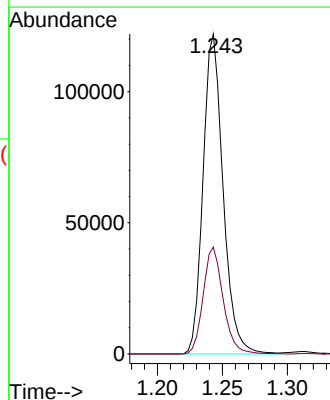
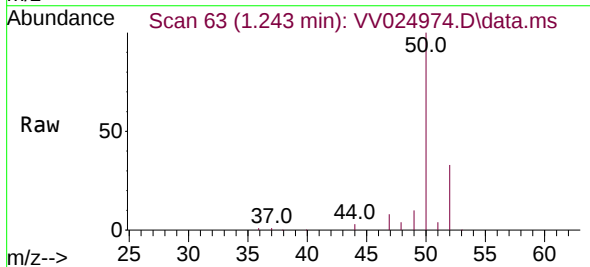
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050288

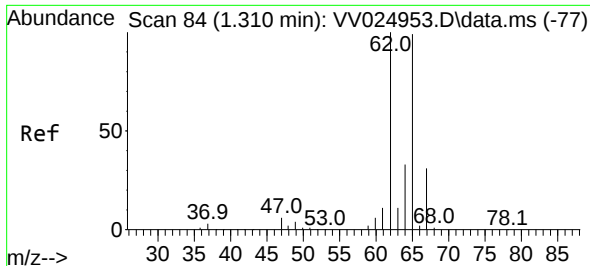
Tgt Ion: 85 Resp: 134591
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.8



#3
 Chloromethane
 Concen: 47.838 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024974.D
 Acq: 11 Mar 2022 19:19

Tgt Ion: 50 Resp: 131202
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.8 42.4

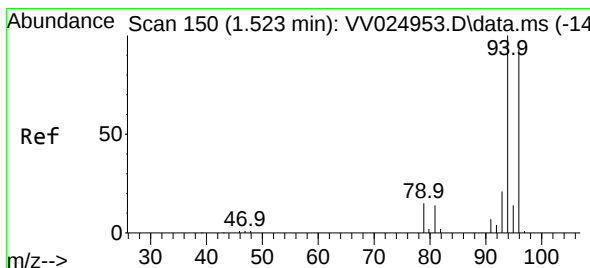
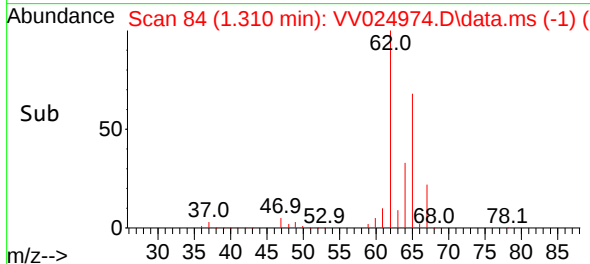
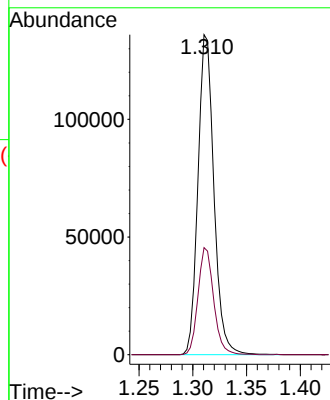
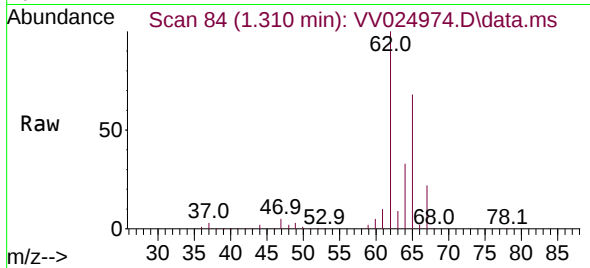




#5
 Vinyl chloride
 Concen: 49.743 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024974.D
 Acq: 11 Mar 2022 19:19

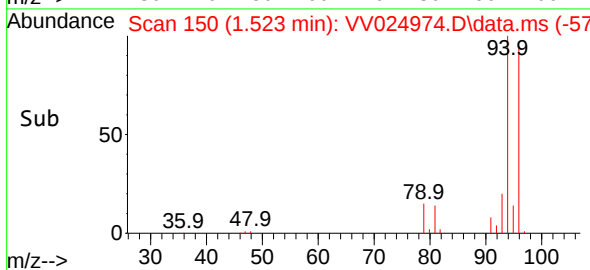
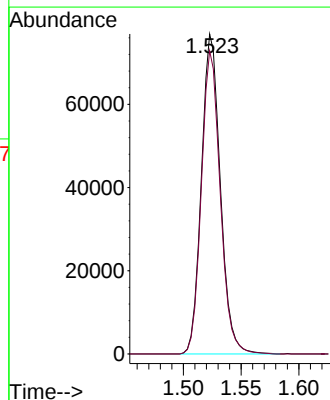
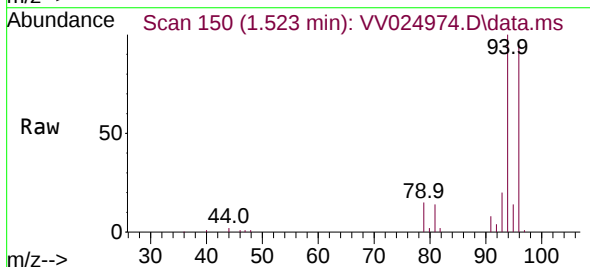
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050288

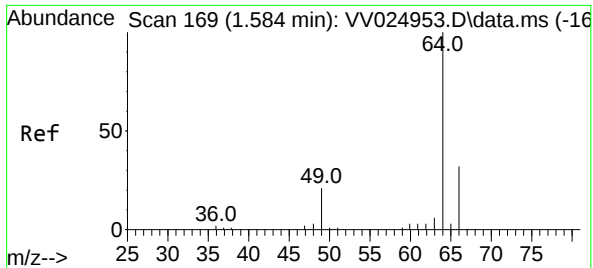
Tgt Ion: 62 Resp: 139976
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.0



#6
 Bromomethane
 Concen: 52.084 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024974.D
 Acq: 11 Mar 2022 19:19

Tgt Ion: 94 Resp: 87553
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.7 123.9

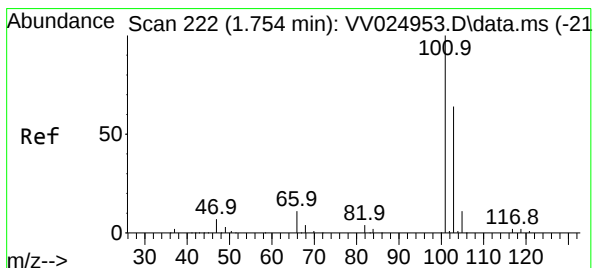
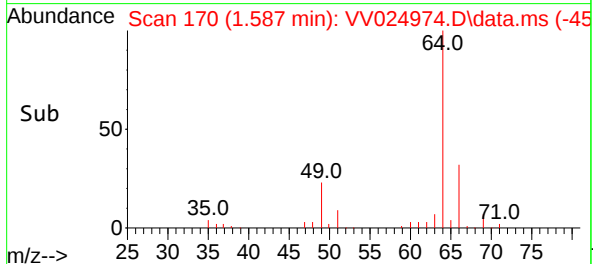
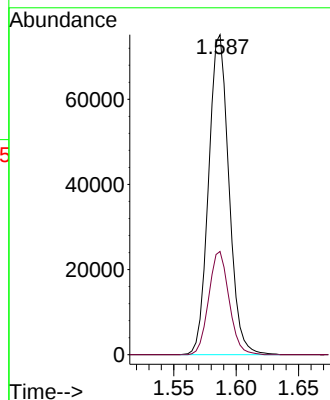
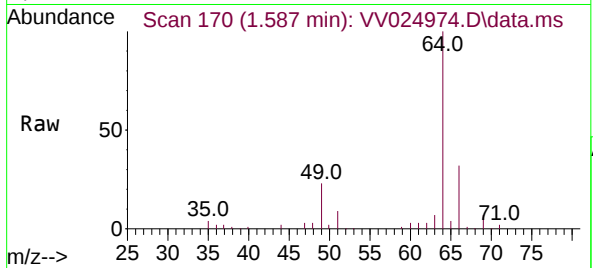




#8
Chloroethane
Concen: 51.720 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

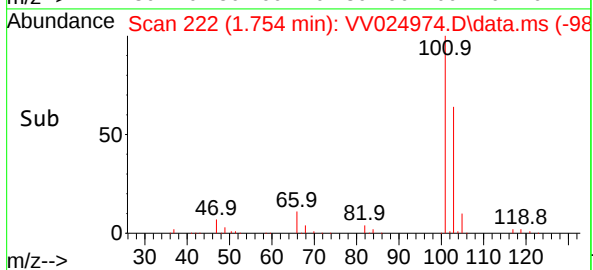
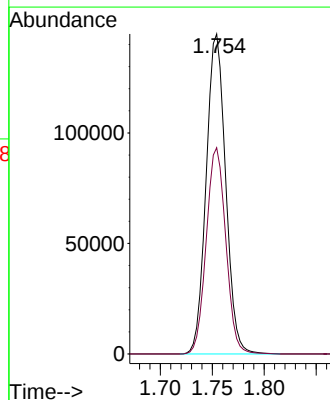
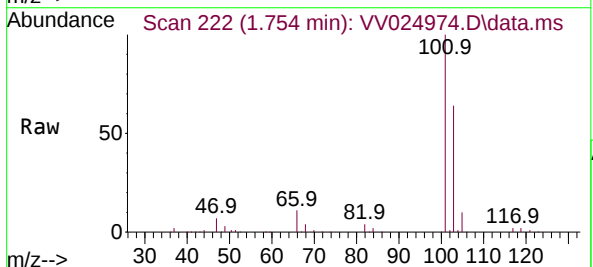
Instrument :
MSVOA_V
ClientSampleId :
VSTD050288

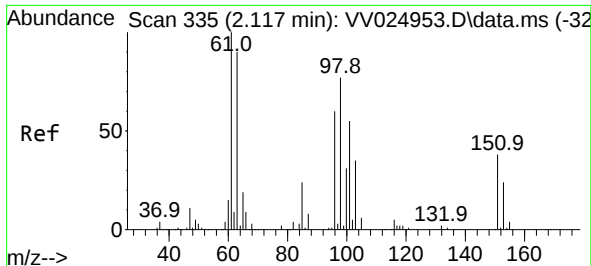
Tgt Ion: 64 Resp: 85293
Ion Ratio Lower Upper
64 100
66 32.2 22.2 41.2



#9
Trichlorofluoromethane
Concen: 52.250 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Tgt Ion: 101 Resp: 188029
Ion Ratio Lower Upper
101 100
103 64.7 52.1 78.1

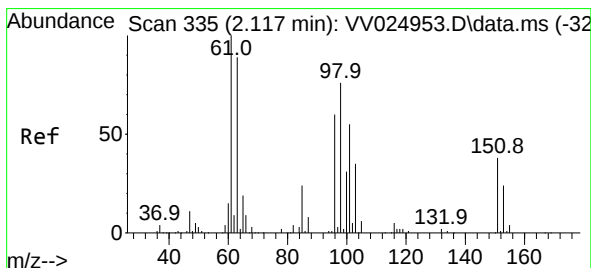
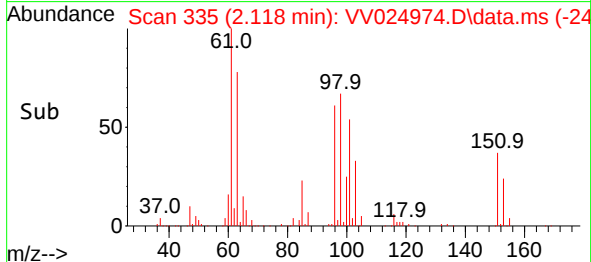
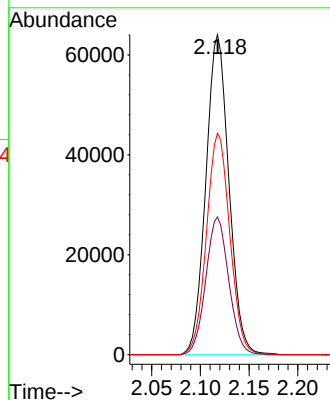
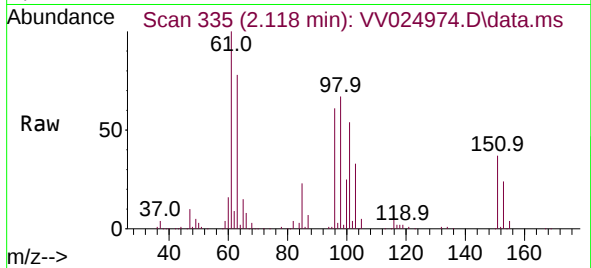




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.430 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024974.D
 Acq: 11 Mar 2022 19:19

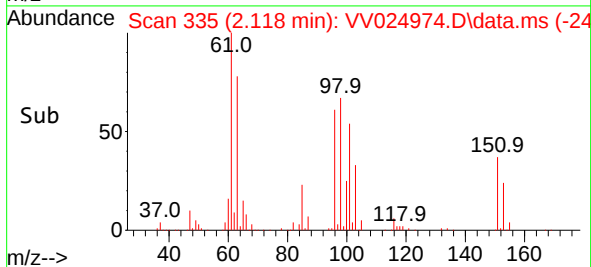
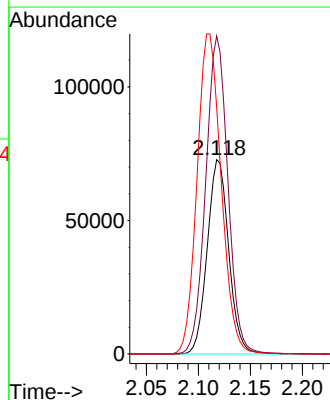
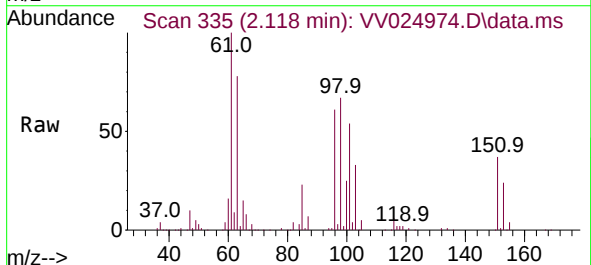
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050288

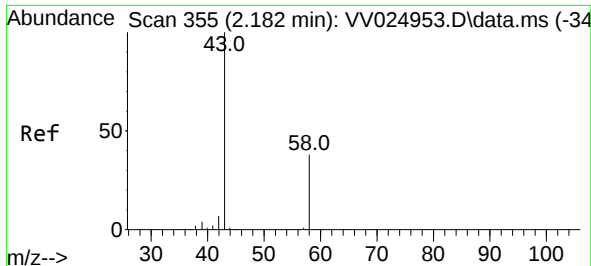
Tgt Ion:101 Resp: 105489
 Ion Ratio Lower Upper
 101 100
 85 42.8 33.8 50.8
 151 70.2 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 50.230 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024974.D
 Acq: 11 Mar 2022 19:19

Tgt Ion: 96 Resp: 104396
 Ion Ratio Lower Upper
 96 100
 61 163.8 117.6 218.4
 63 127.0 105.3 195.5





#13

Acetone

Concen: 84.539 ug/L

RT: 2.188 min Scan# 355

Delta R.T. 0.007 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

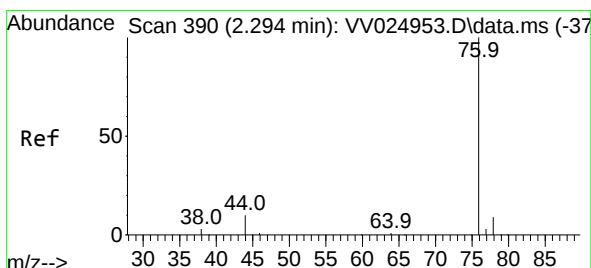
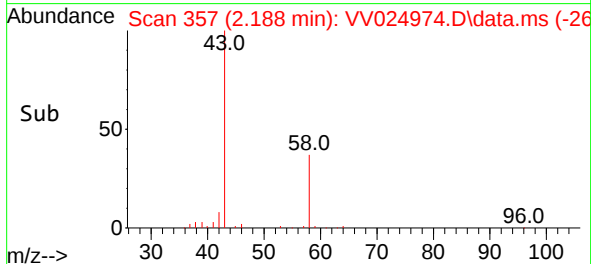
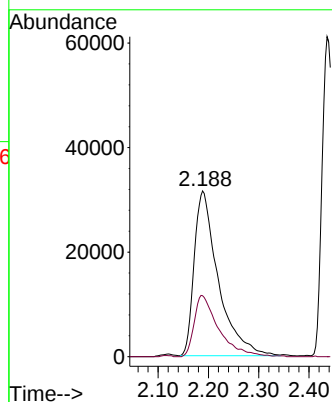
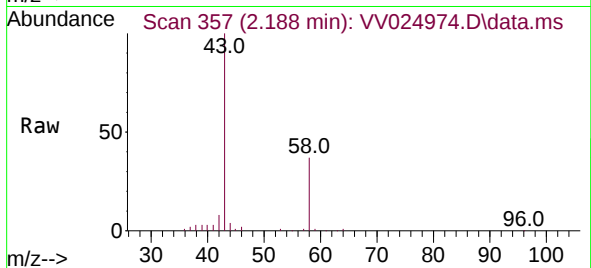
VSTD050288

Tgt Ion: 43 Resp: 104888

Ion Ratio Lower Upper

43 100

58 35.3 0.0 70.0



#14

Carbon disulfide

Concen: 50.668 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024974.D

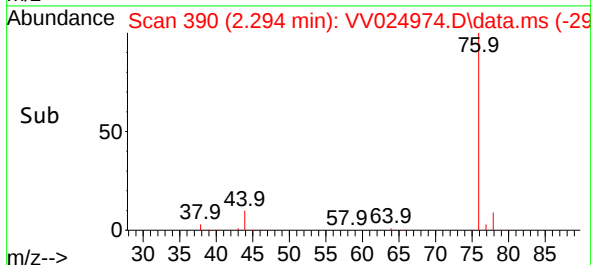
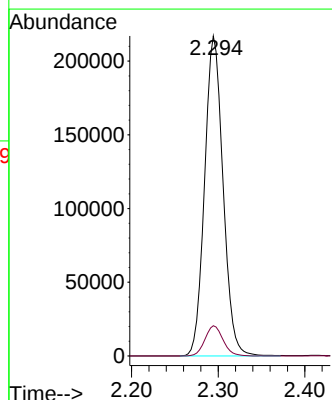
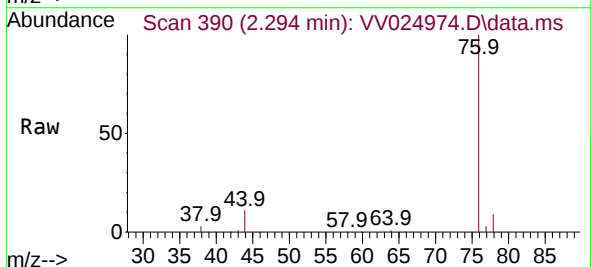
Acq: 11 Mar 2022 19:19

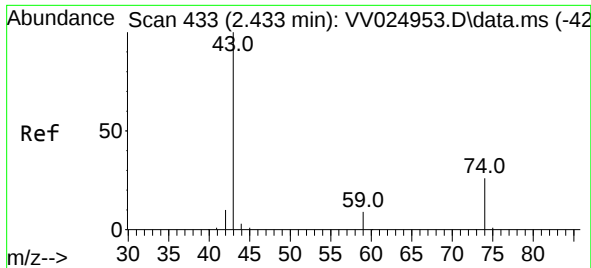
Tgt Ion: 76 Resp: 321704

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

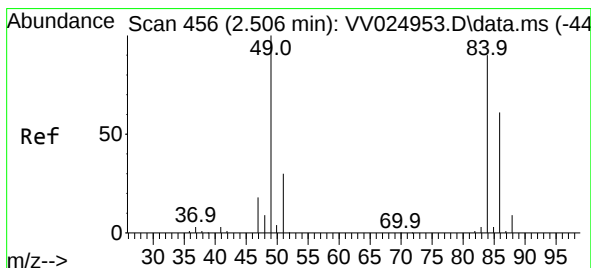
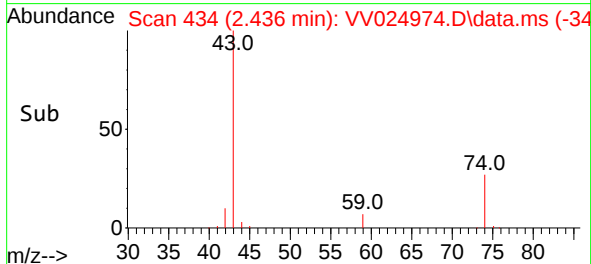
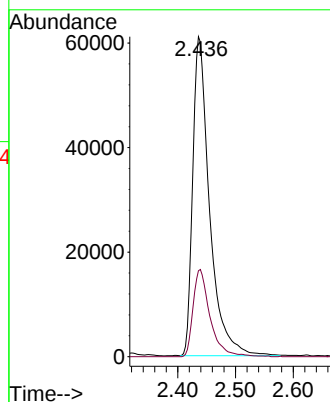
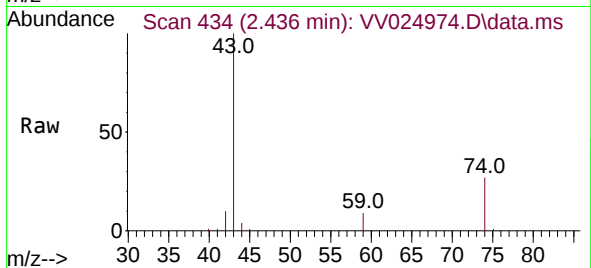




#15
Methyl Acetate
Concen: 57.993 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

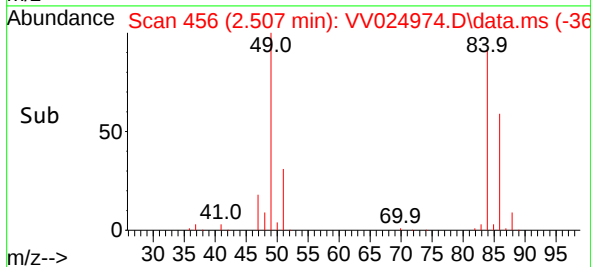
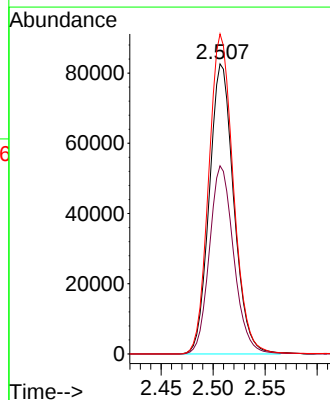
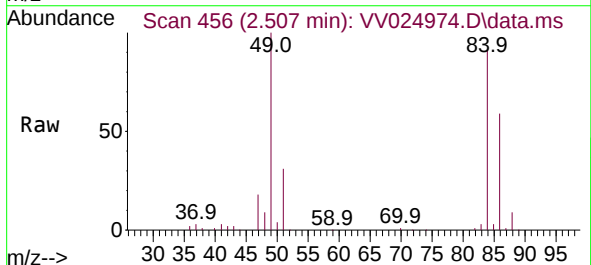
Instrument :
MSVOA_V
ClientSampleId :
VSTD050288

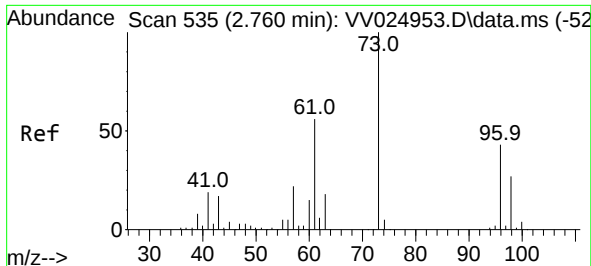
Tgt Ion: 43 Resp: 123603
Ion Ratio Lower Upper
43 100
74 27.5 21.0 31.4



#16
Methylene chloride
Concen: 55.626 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Tgt Ion: 84 Resp: 135397
Ion Ratio Lower Upper
84 100
86 64.8 44.3 82.3
49 110.3 80.7 149.9

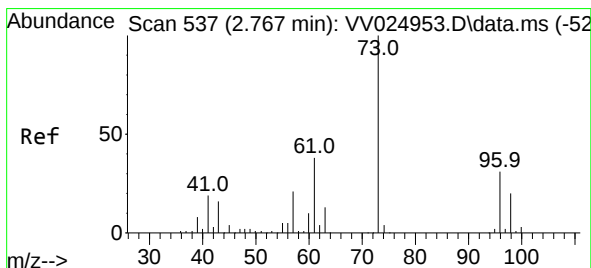
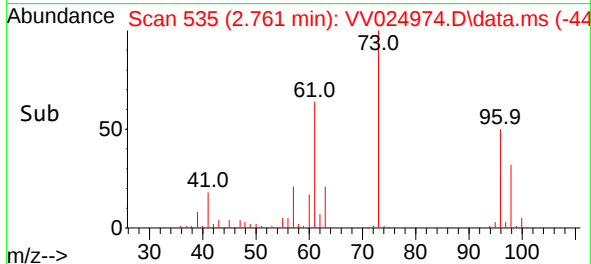
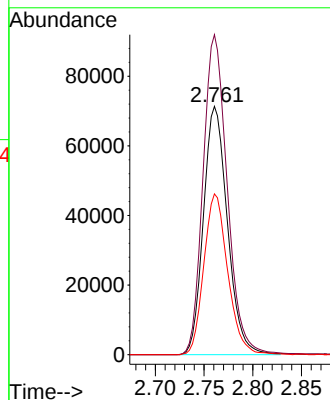
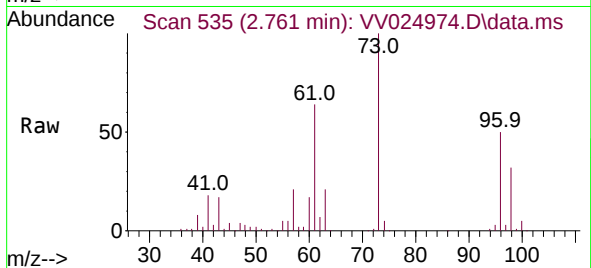




#17
trans-1,2-Dichloroethene
Concen: 54.553 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

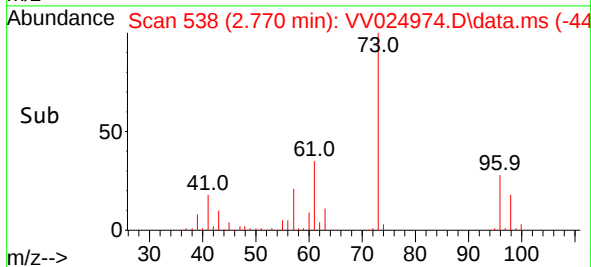
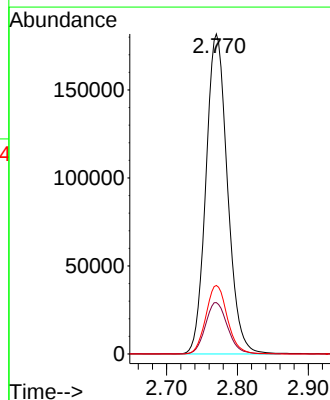
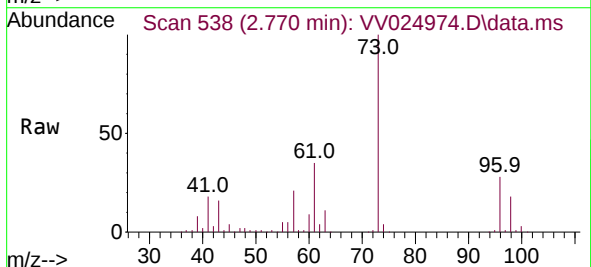
Instrument :
MSVOA_V
ClientSampleId :
VSTD050288

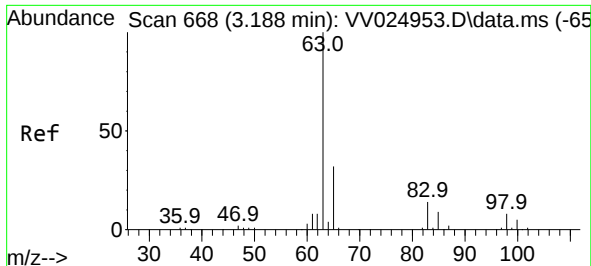
Tgt Ion: 96 Resp: 122620
Ion Ratio Lower Upper
96 100
61 128.9 93.7 173.9
98 64.8 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 55.963 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Tgt Ion: 73 Resp: 383535
Ion Ratio Lower Upper
73 100
43 16.4 13.6 20.4
57 21.5 17.4 26.2





#19

1,1-Dichloroethane

Concen: 55.338 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD050288

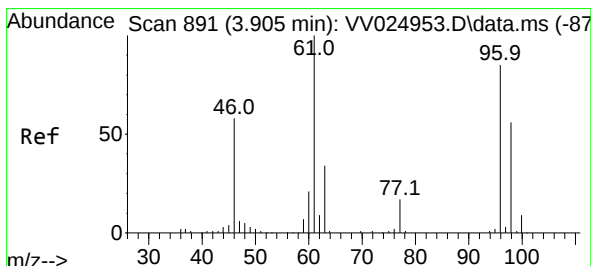
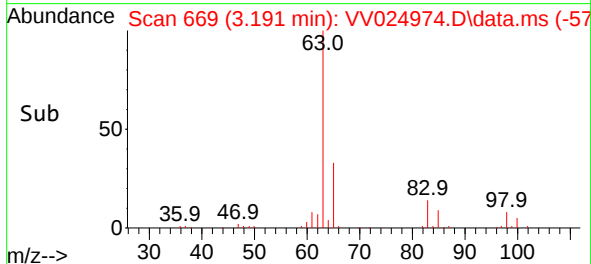
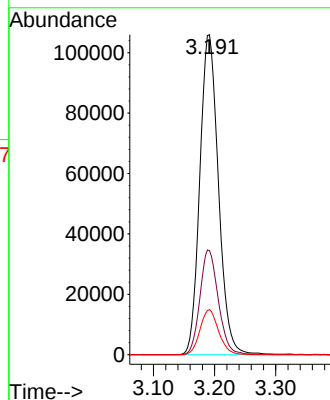
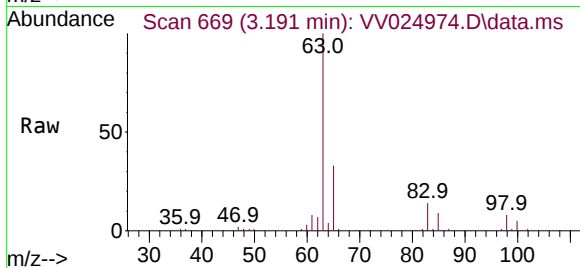
Tgt Ion: 63 Resp: 224273

Ion Ratio Lower Upper

63 100

65 32.6 22.0 40.8

83 14.1 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 56.148 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.007 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

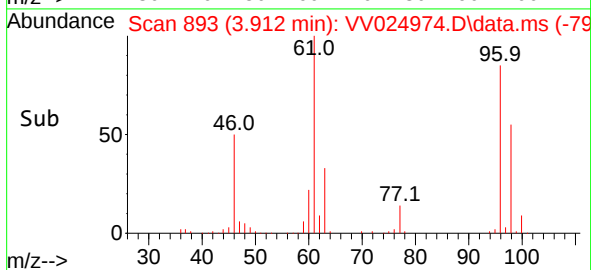
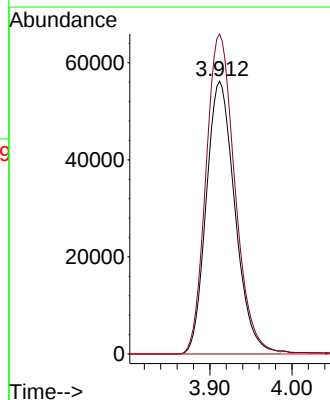
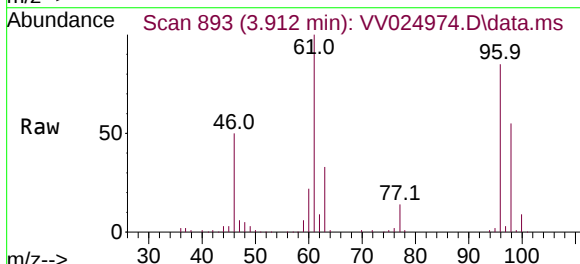
Tgt Ion: 96 Resp: 136612

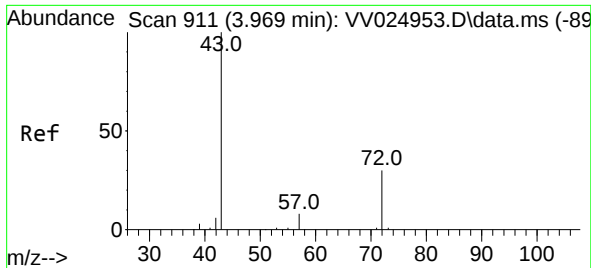
Ion Ratio Lower Upper

96 100

61 117.3 86.1 159.9

68 0.0 0.0 0.0

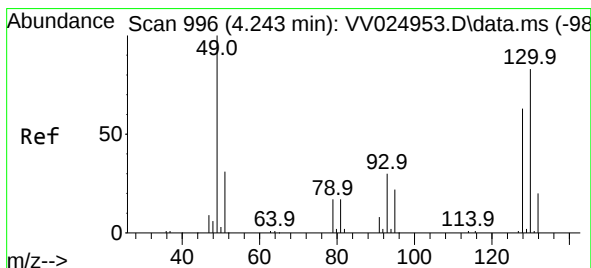
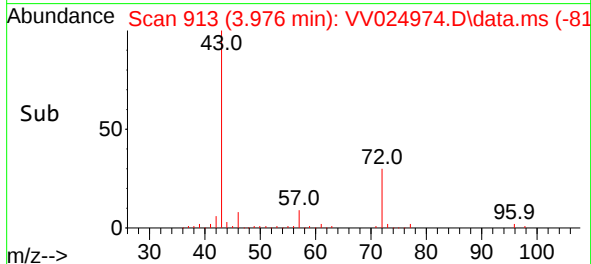
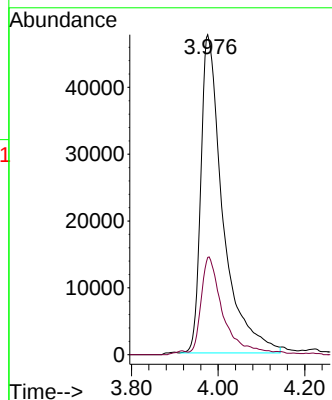
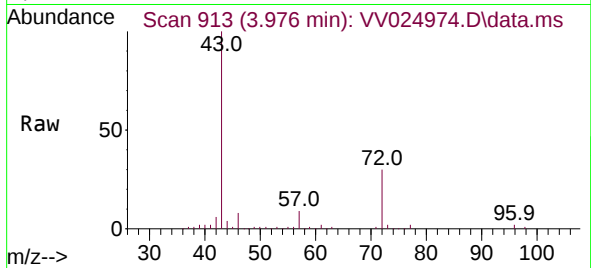




#22
2-Butanone
Concen: 118.157 ug/L
RT: 3.976 min Scan# 911
Delta R.T. 0.007 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

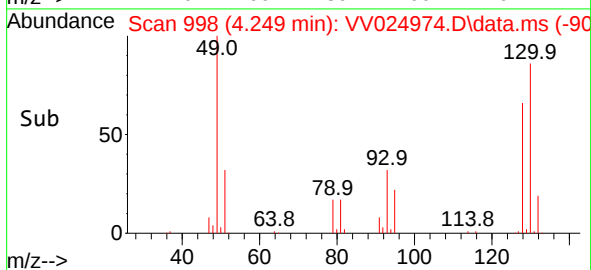
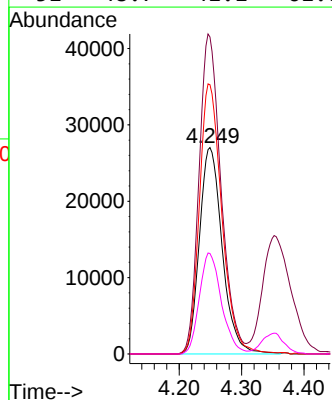
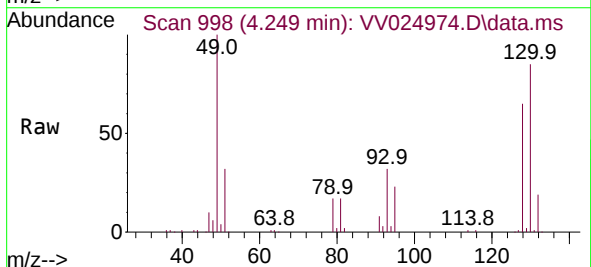
Instrument :
MSVOA_V
ClientSampleId :
VSTD050288

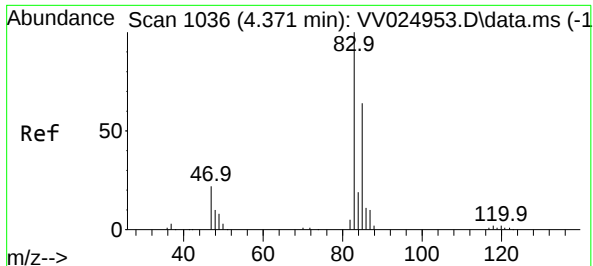
Tgt Ion: 43 Resp: 168098
Ion Ratio Lower Upper
43 100
72 26.9 13.9 41.6



#23
Bromochloromethane
Concen: 56.415 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.007 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Tgt Ion: 128 Resp: 68647
Ion Ratio Lower Upper
128 100
49 153.6 110.9 205.9
130 130.5 88.5 164.3
51 48.7 41.1 61.7





#25

Chloroform

Concen: 56.246 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

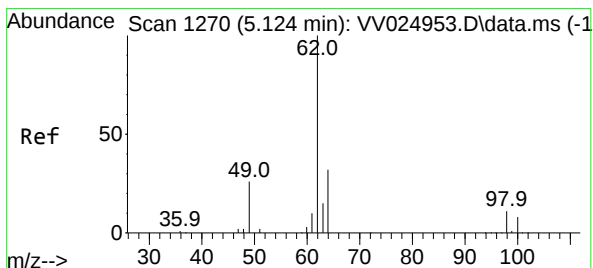
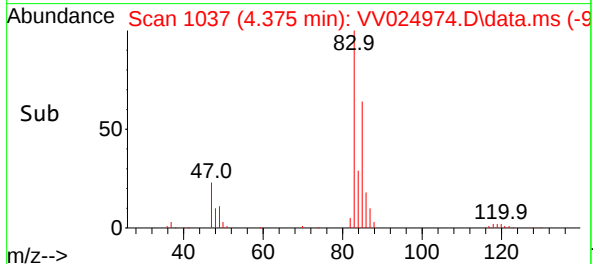
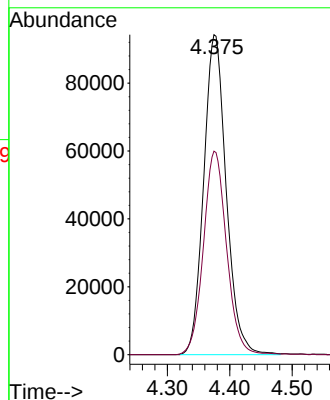
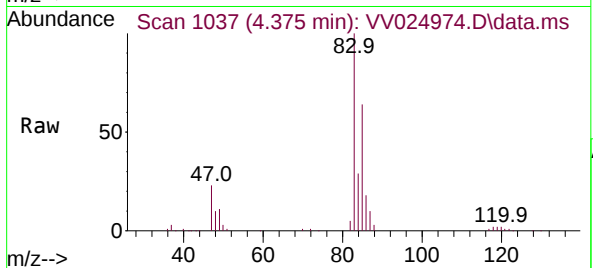
VSTD050288

Tgt Ion: 83 Resp: 236792

Ion Ratio Lower Upper

83 100

85 63.6 46.0 85.4



#27

1,2-Dichloroethane

Concen: 55.624 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.007 min

Lab File: VV024974.D

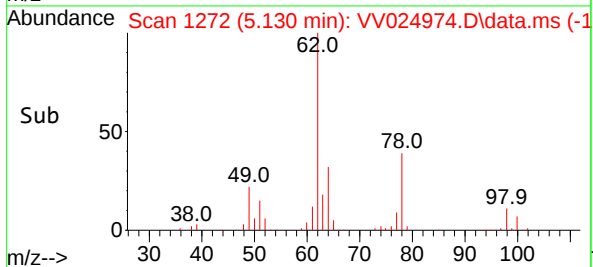
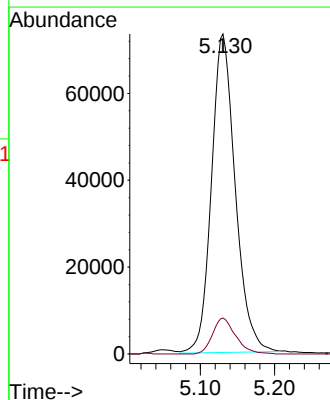
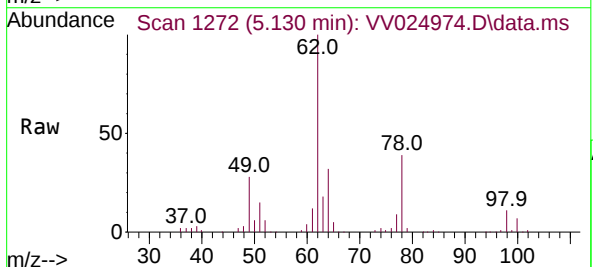
Acq: 11 Mar 2022 19:19

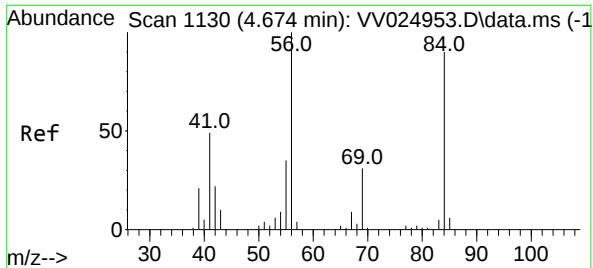
Tgt Ion: 62 Resp: 163414

Ion Ratio Lower Upper

62 100

98 11.2 8.2 12.4

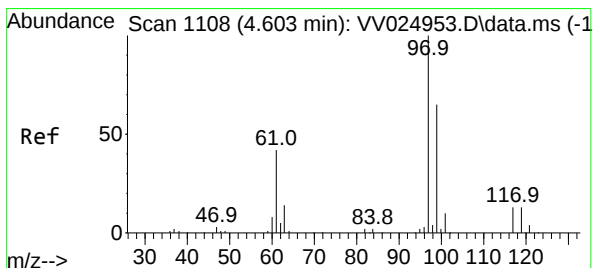
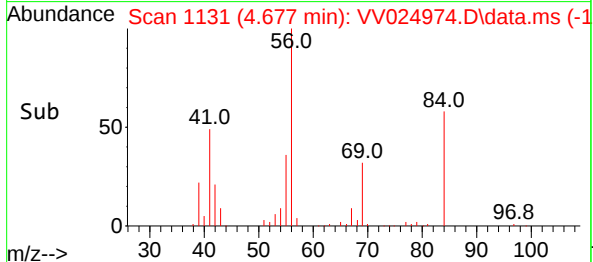
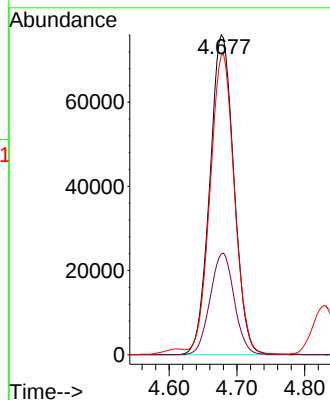
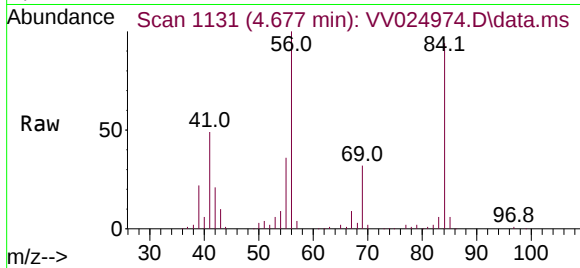




#29
Cyclohexane
Concen: 52.383 ug/L
RT: 4.677 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

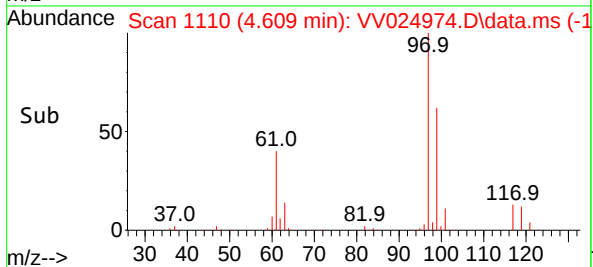
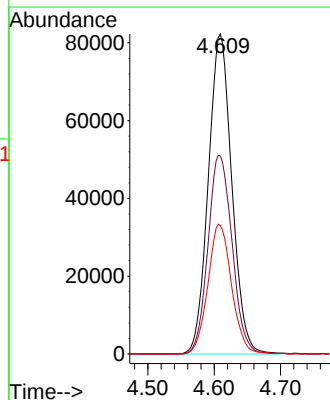
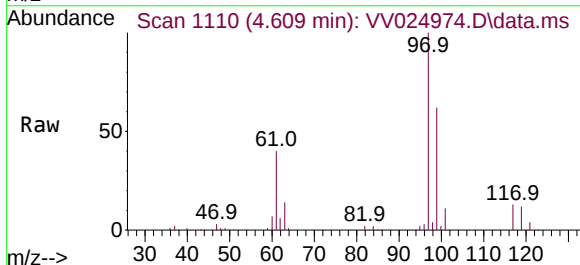
Instrument :
MSVOA_V
ClientSampleId :
VSTD050288

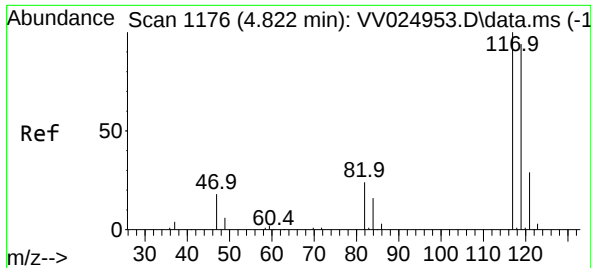
Tgt Ion: 56 Resp: 187865
Ion Ratio Lower Upper
56 100
69 31.8 25.0 37.6
84 94.5 73.4 110.2



#30
1,1,1-Trichloroethane
Concen: 56.168 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.007 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Tgt Ion: 97 Resp: 202782
Ion Ratio Lower Upper
97 100
99 63.7 51.5 77.3
61 40.8 33.8 50.8

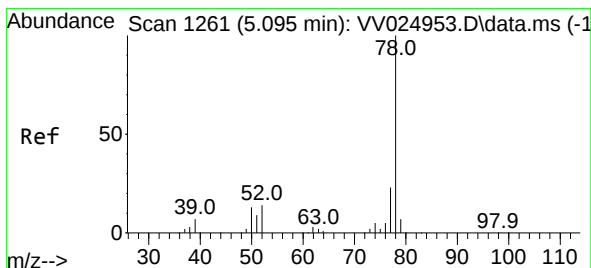
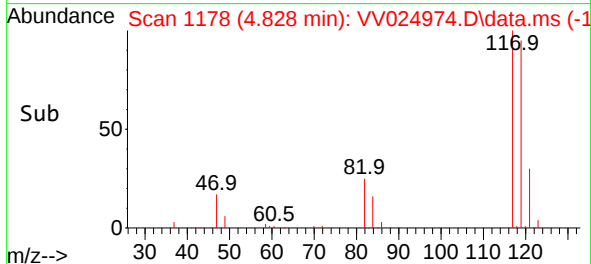
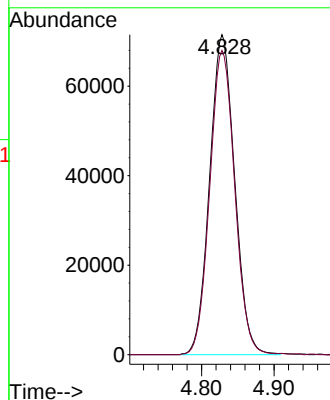
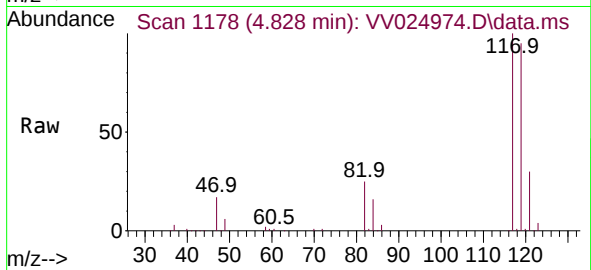




#31
Carbon tetrachloride
Concen: 55.846 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

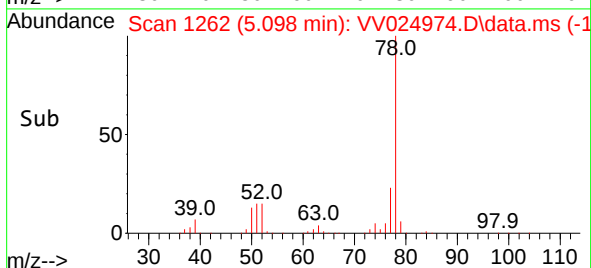
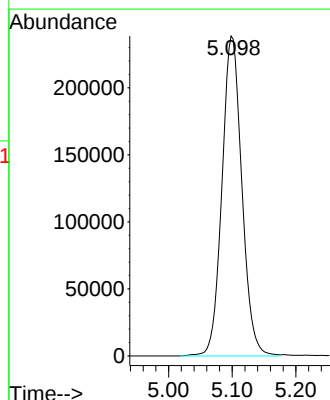
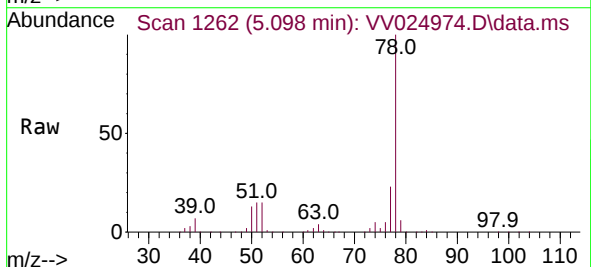
Instrument :
MSVOA_V
ClientSampleId :
VSTD050288

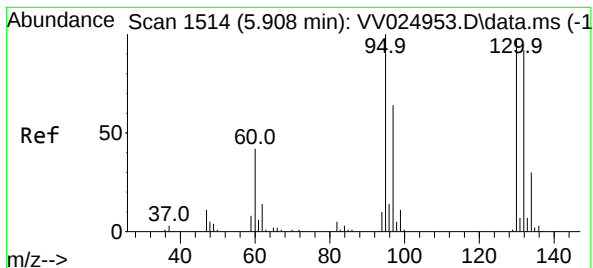
Tgt Ion:117 Resp: 171426
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8



#33
Benzene
Concen: 55.992 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Tgt Ion: 78 Resp: 518096





#34

Trichloroethene

Concen: 55.174 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD050288

Tgt Ion: 95 Resp: 139952

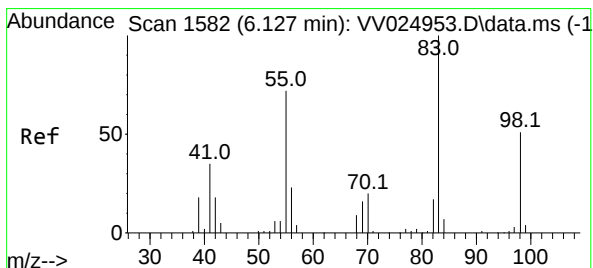
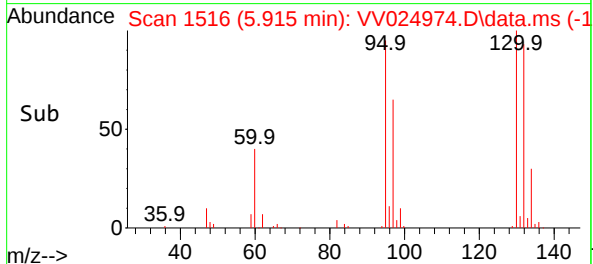
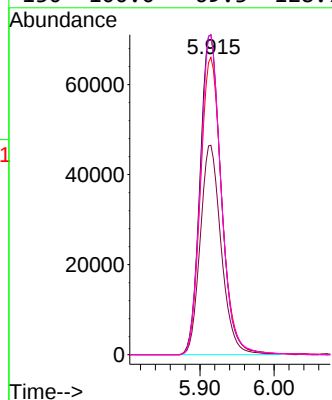
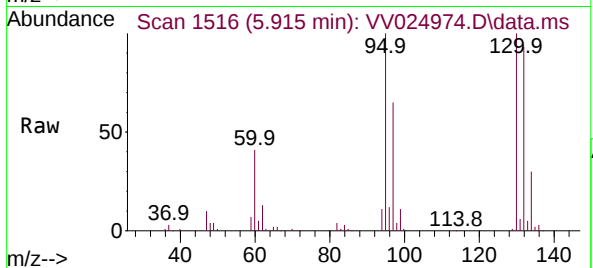
Ion Ratio Lower Upper

95 100

97 65.5 45.3 84.1

132 92.9 65.0 120.6

130 100.0 69.3 128.7



#35

Methylcyclohexane

Concen: 51.665 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

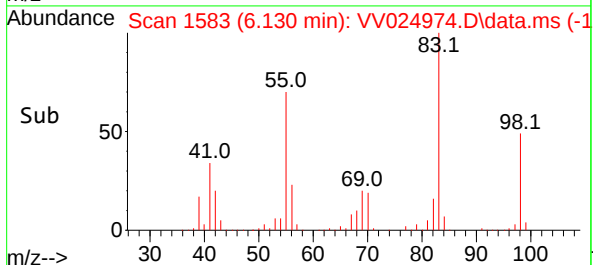
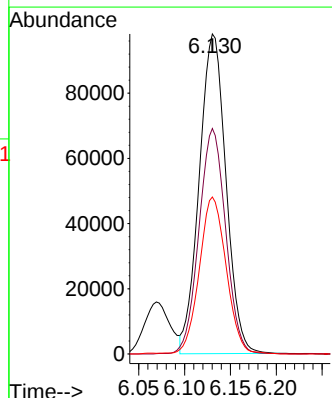
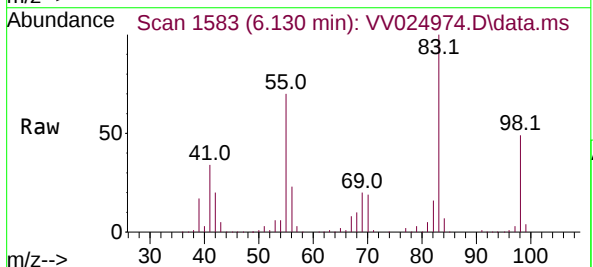
Tgt Ion: 83 Resp: 198832

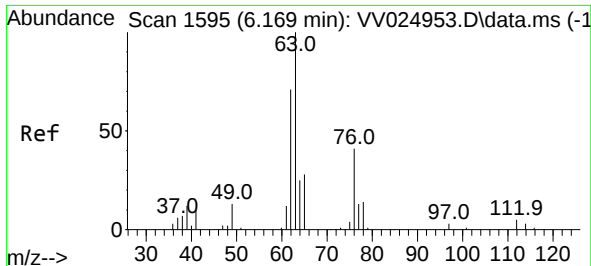
Ion Ratio Lower Upper

83 100

55 70.4 57.7 86.5

98 49.5 38.9 58.3





#37

1,2-Dichloropropane

Concen: 56.991 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

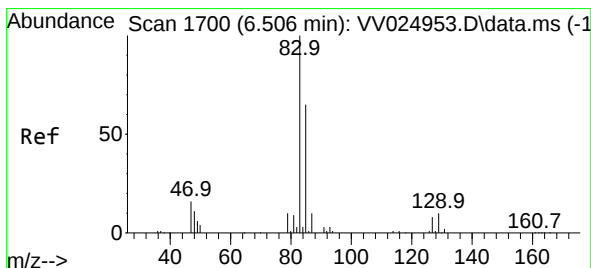
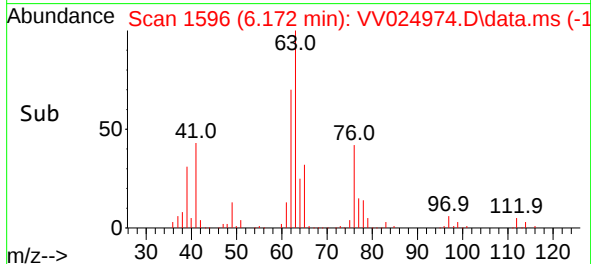
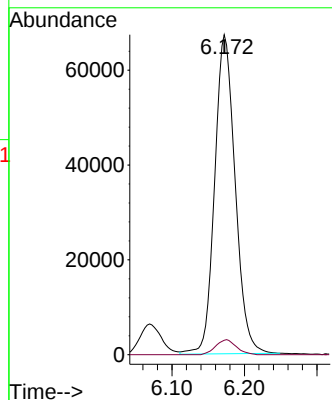
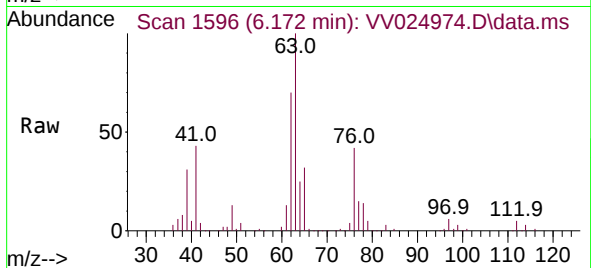
VSTD050288

Tgt Ion: 63 Resp: 132327

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 55.806 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

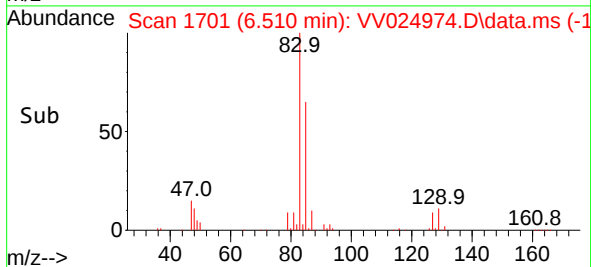
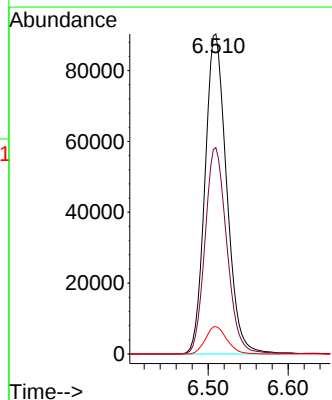
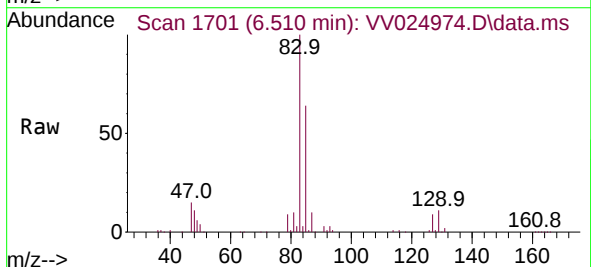
Tgt Ion: 83 Resp: 169799

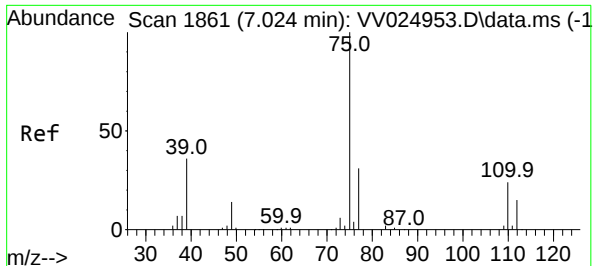
Ion Ratio Lower Upper

83 100

85 64.5 44.5 82.7

127 8.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 56.882 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

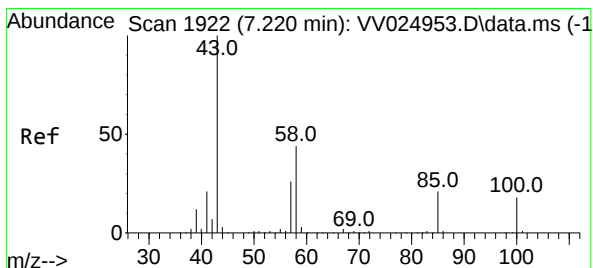
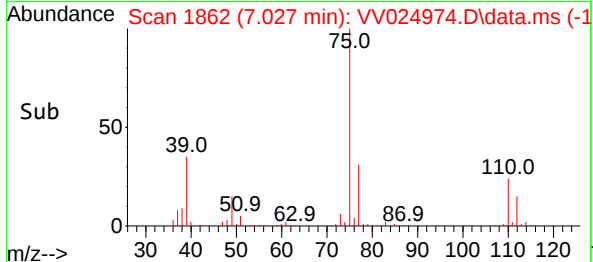
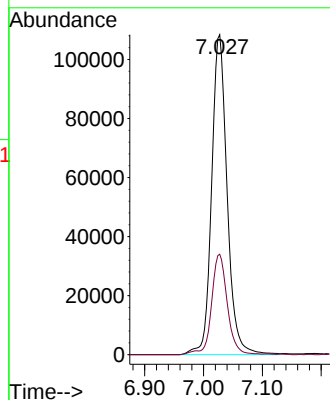
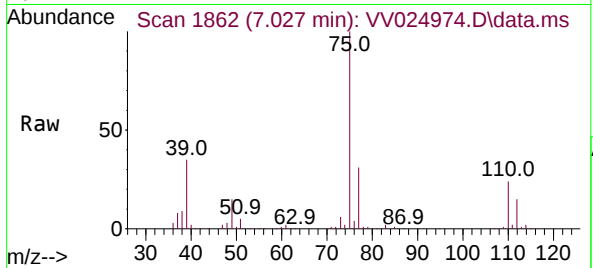
VSTD050288

Tgt Ion: 75 Resp: 198780

Ion Ratio Lower Upper

75 100

77 31.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 116.448 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.007 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

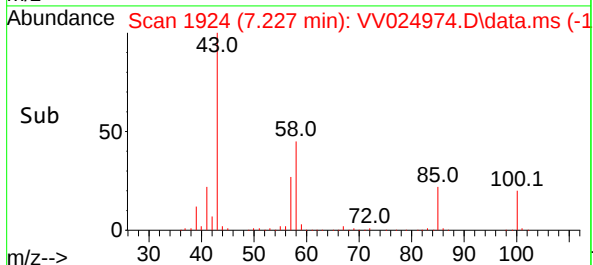
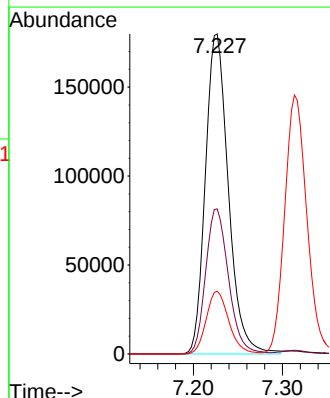
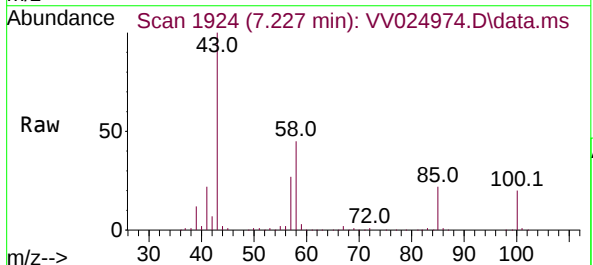
Tgt Ion: 43 Resp: 322360

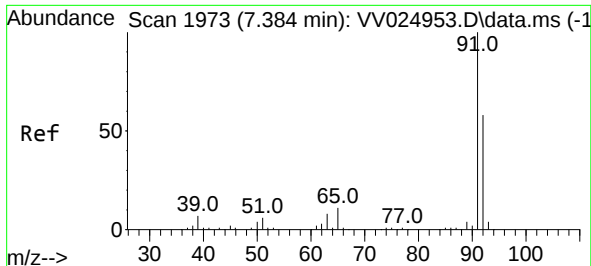
Ion Ratio Lower Upper

43 100

58 45.1 34.8 52.2

100 19.3 14.2 21.2





#42

Toluene

Concen: 57.016 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

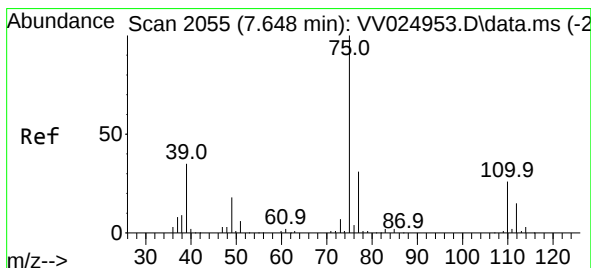
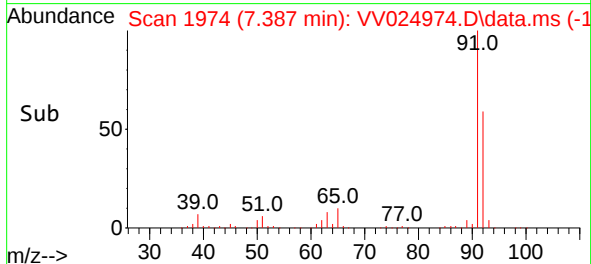
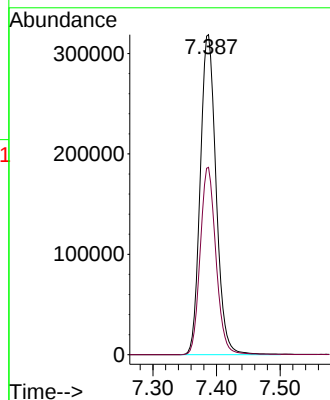
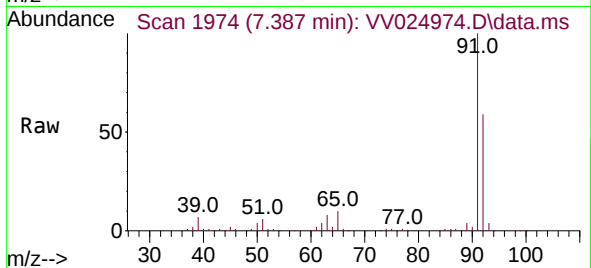
VSTD050288

Tgt Ion: 91 Resp: 550511

Ion Ratio Lower Upper

91 100

92 58.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 56.972 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024974.D

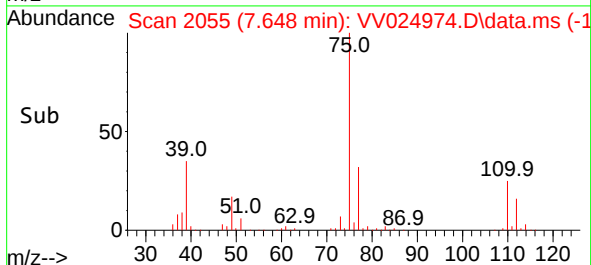
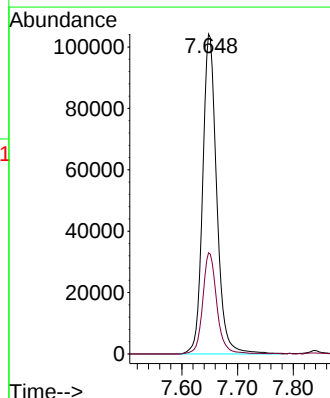
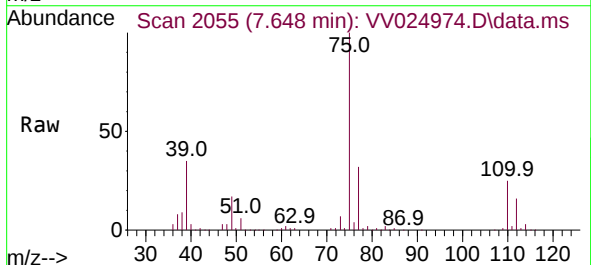
Acq: 11 Mar 2022 19:19

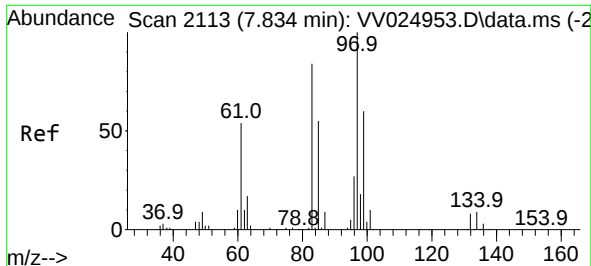
Tgt Ion: 75 Resp: 182909

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 58.645 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD050288

Tgt Ion: 97 Resp: 132304

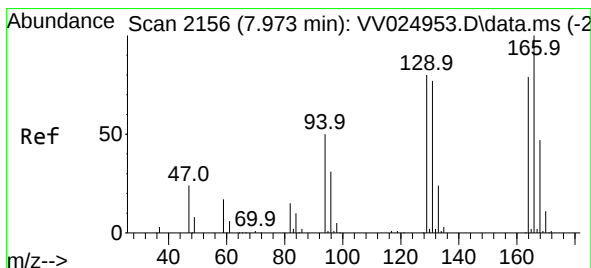
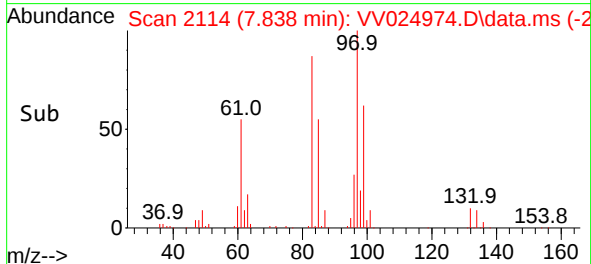
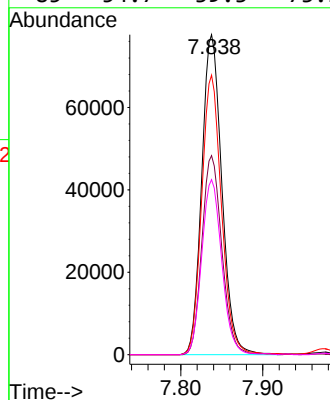
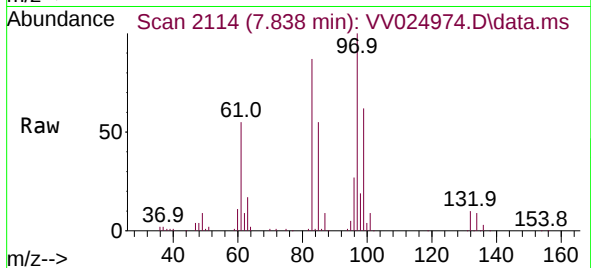
Ion Ratio Lower Upper

97 100

99 62.2 43.9 81.5

83 87.3 61.7 114.5

85 54.7 39.3 73.1



#46

Tetrachloroethene

Concen: 54.507 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

Tgt Ion:164 Resp: 89293

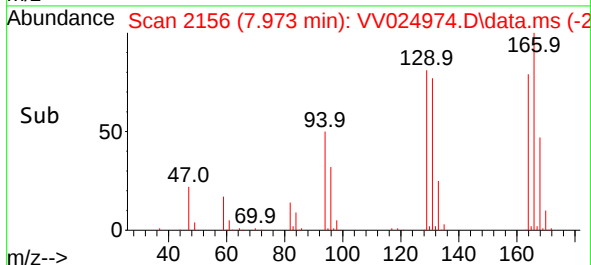
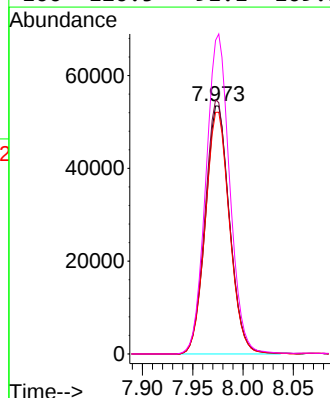
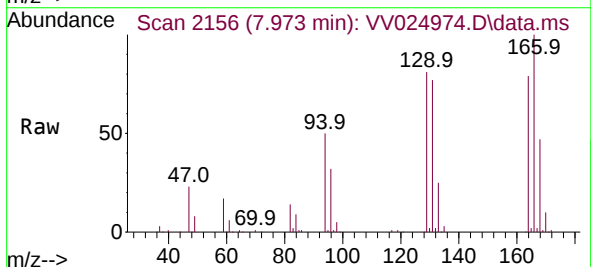
Ion Ratio Lower Upper

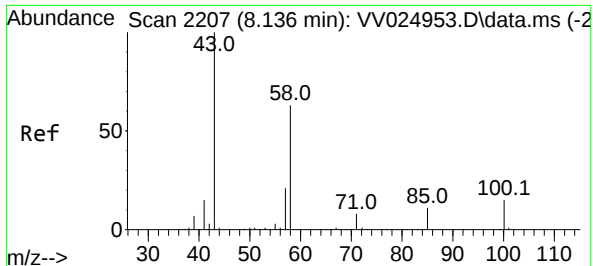
164 100

129 102.5 74.1 137.7

131 97.4 70.1 130.1

166 126.5 91.1 169.1



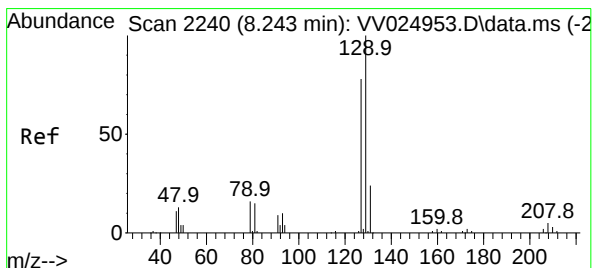
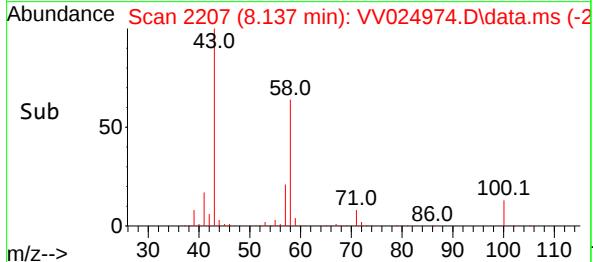
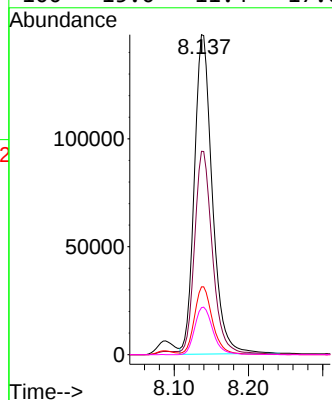
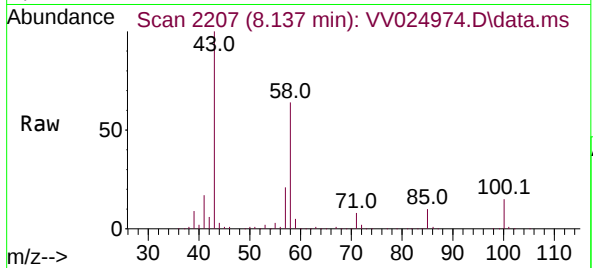


#48
2-Hexanone
Concen: 114.635 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD050288

Tgt Ion: 43 Resp: 249752

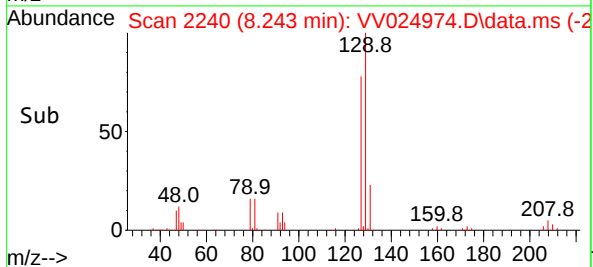
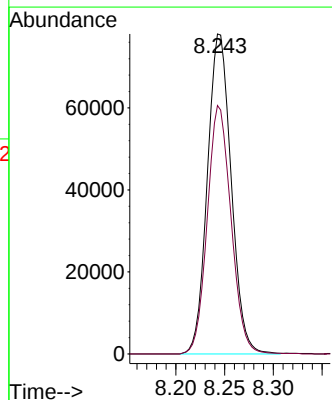
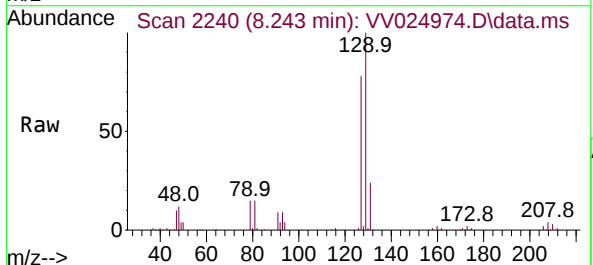
Ion	Ratio	Lower	Upper
43	100		
58	63.0	48.6	72.8
57	21.6	16.5	24.7
100	15.0	11.4	17.0

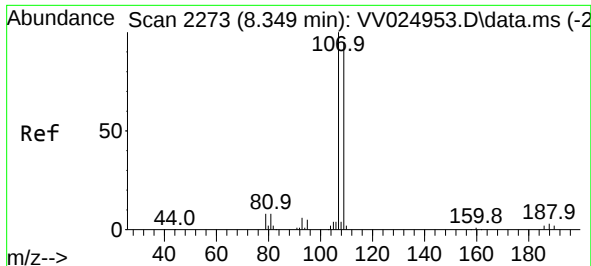


#49
Dibromochloromethane
Concen: 60.781 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Tgt Ion: 129 Resp: 132512

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.2	100.6





#50

1,2-Dibromoethane

Concen: 58.398 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD050288

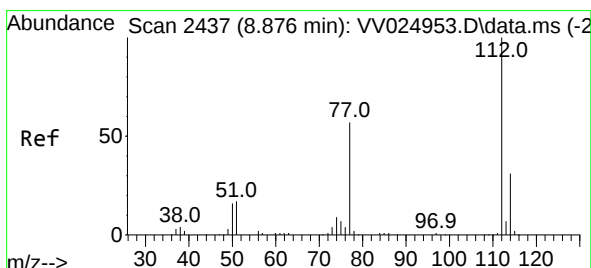
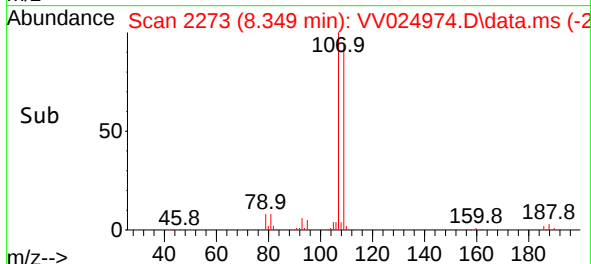
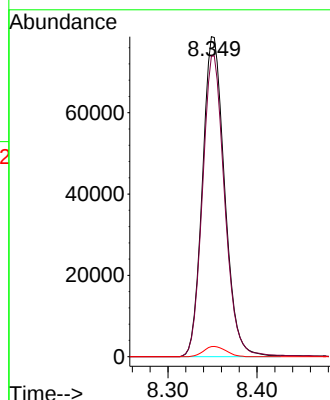
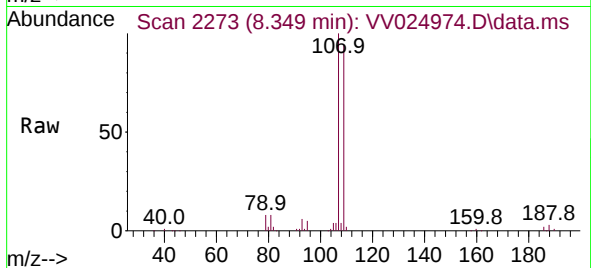
Tgt Ion:107 Resp: 135869

Ion Ratio Lower Upper

107 100

109 93.9 65.6 121.8

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 56.141 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

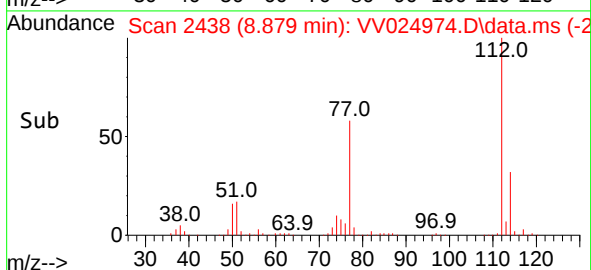
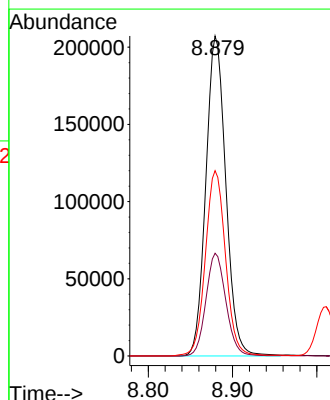
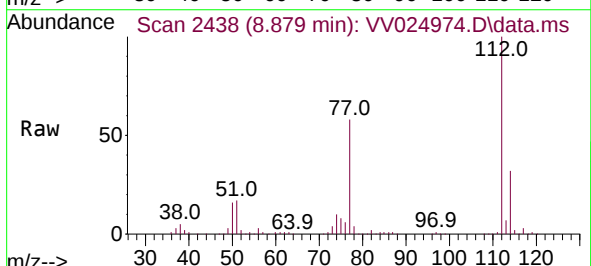
Tgt Ion:112 Resp: 341953

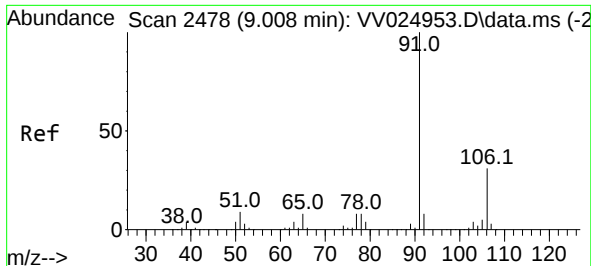
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.5

77 57.9 46.7 70.1





#52

Ethylbenzene

Concen: 56.621 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

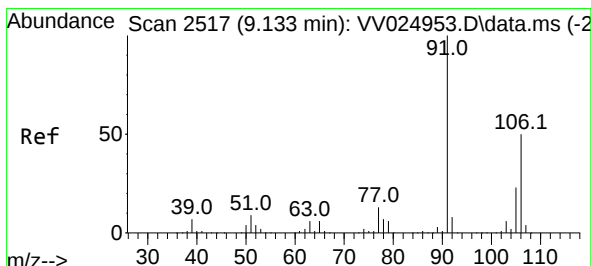
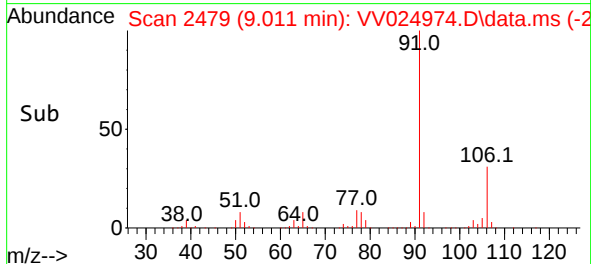
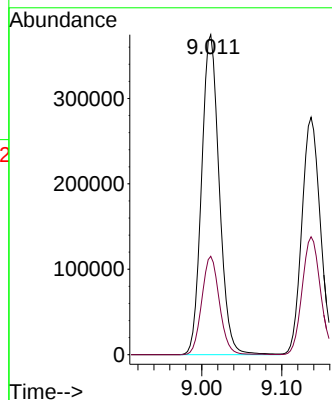
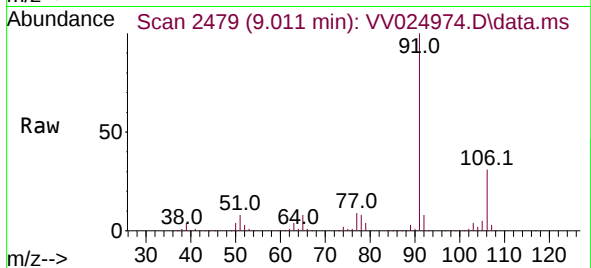
VSTD050288

Tgt Ion: 91 Resp: 576605

Ion Ratio Lower Upper

91 100

106 30.8 21.6 40.2



#53

m,p-Xylene

Concen: 56.712 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV024974.D

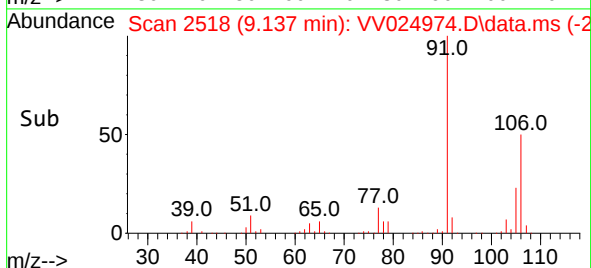
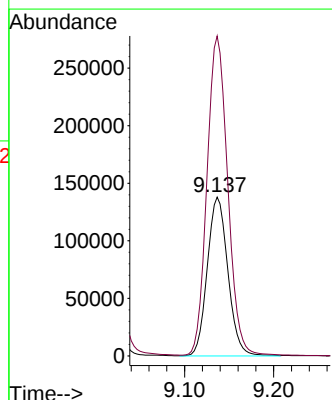
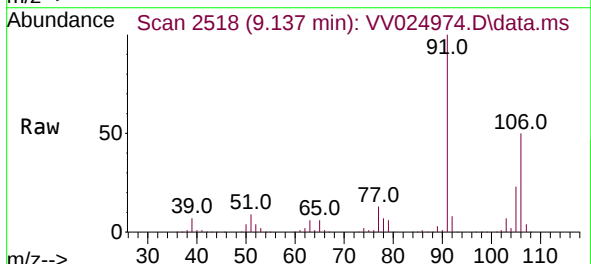
Acq: 11 Mar 2022 19:19

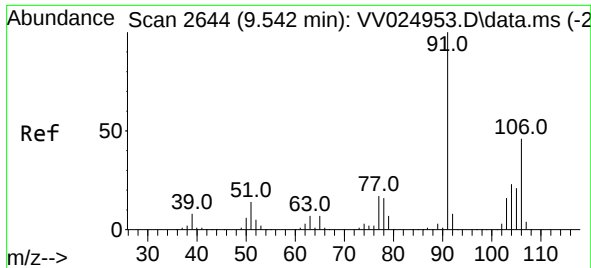
Tgt Ion: 106 Resp: 221916

Ion Ratio Lower Upper

106 100

91 201.3 142.2 264.2

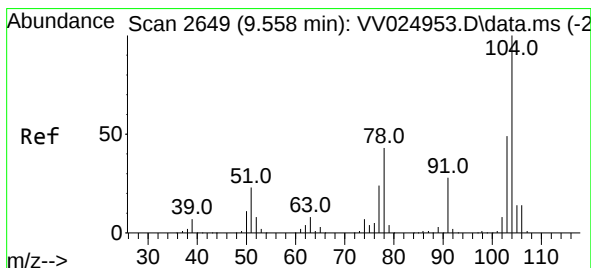
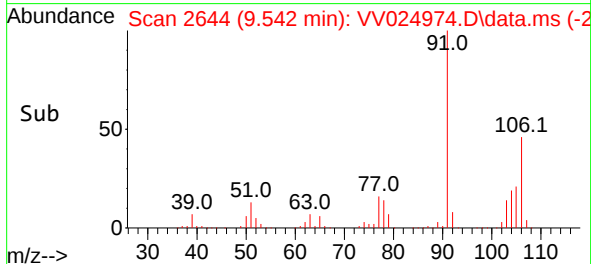
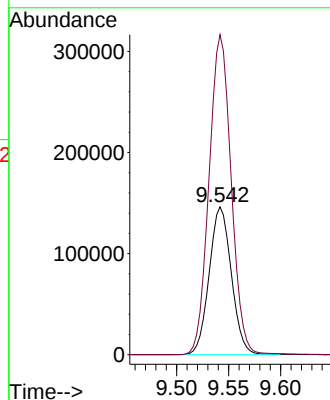
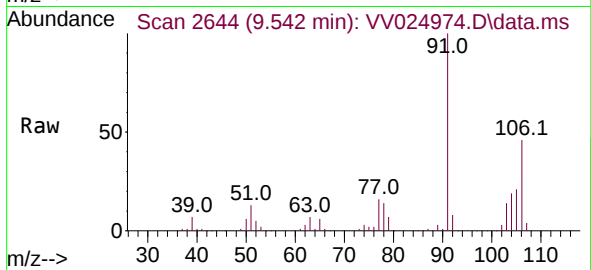




#54
o-Xylene
Concen: 57.323 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

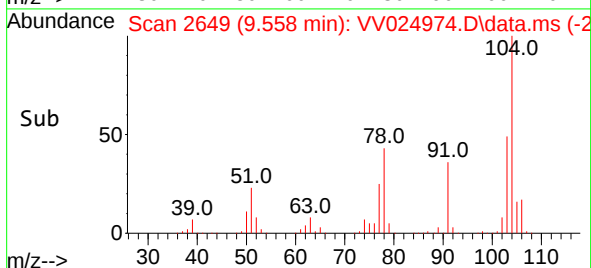
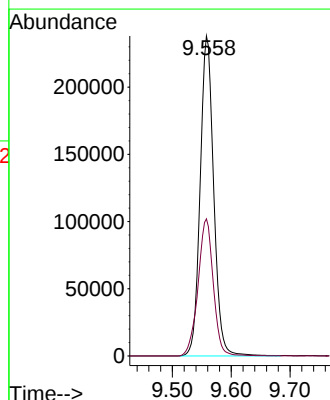
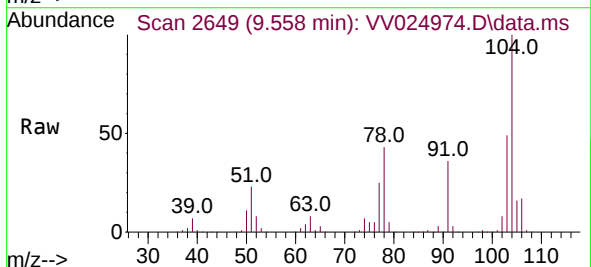
Instrument :
MSVOA_V
ClientSampleId :
VSTD050288

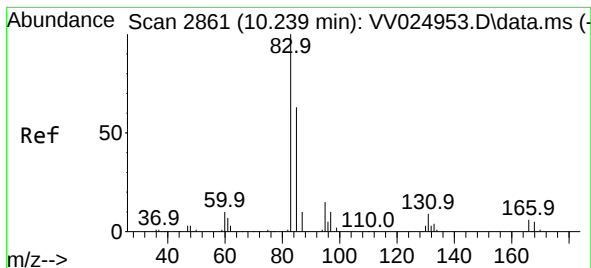
Tgt Ion:106 Resp: 216739
Ion Ratio Lower Upper
106 100
91 216.4 151.6 281.6



#55
Styrene
Concen: 59.264 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Tgt Ion:104 Resp: 380195
Ion Ratio Lower Upper
104 100
78 42.8 30.9 57.3

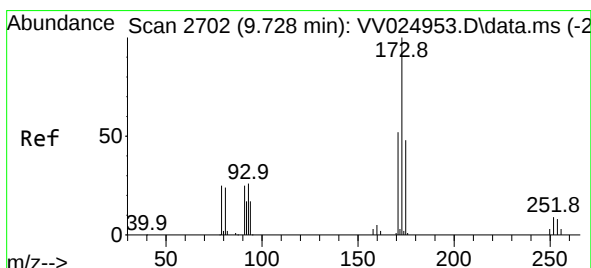
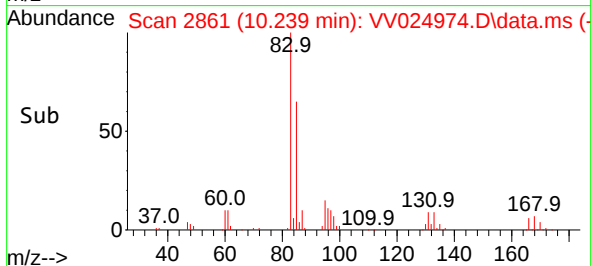
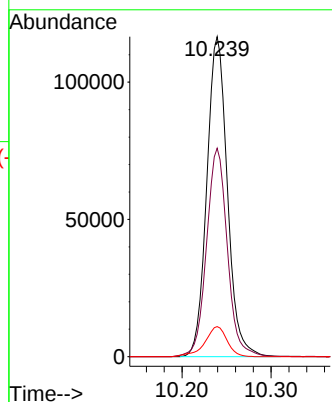
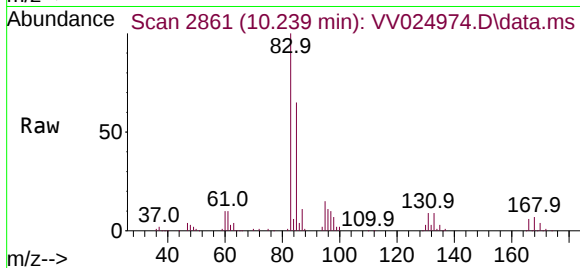




#57
 1,1,2,2-Tetrachloroethane
 Concen: 59.178 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV024974.D
 Acq: 11 Mar 2022 19:19

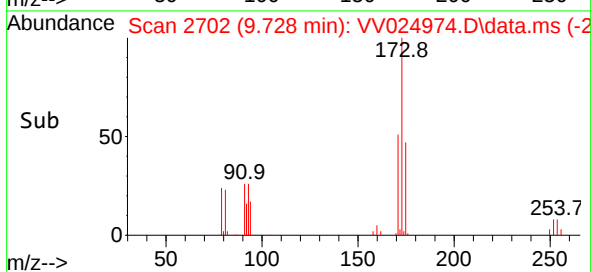
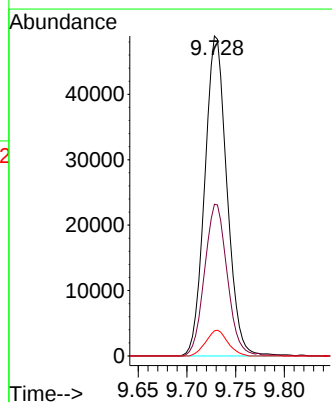
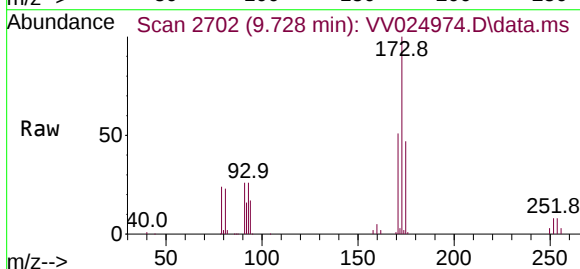
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050288

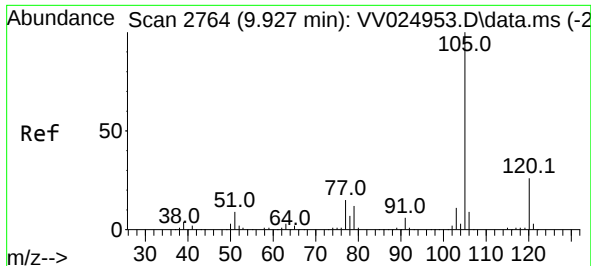
Tgt Ion: 83 Resp: 186739
 Ion Ratio Lower Upper
 83 100
 85 65.2 44.2 82.2
 131 9.4 7.0 10.4



#59
 Bromoform
 Concen: 60.785 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV024974.D
 Acq: 11 Mar 2022 19:19

Tgt Ion: 173 Resp: 77357
 Ion Ratio Lower Upper
 173 100
 175 48.3 37.9 56.9
 254 7.9 6.2 9.4

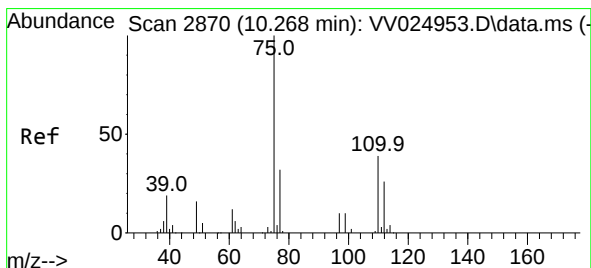
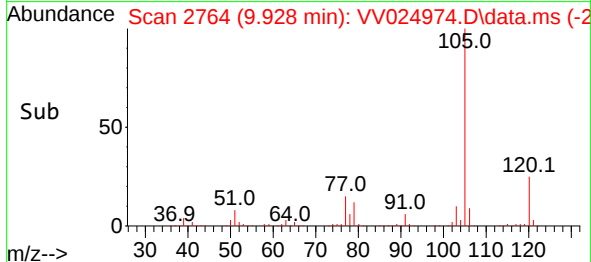
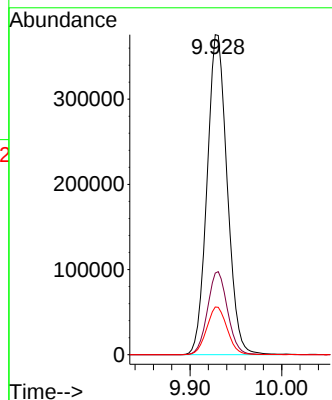
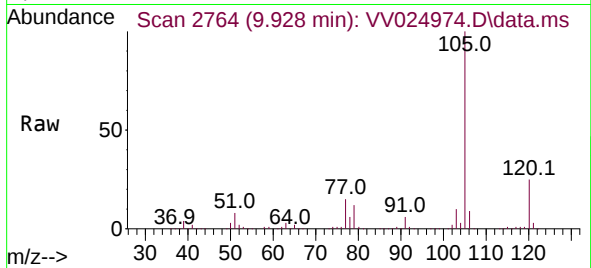




#60
Isopropylbenzene
Concen: 56.390 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

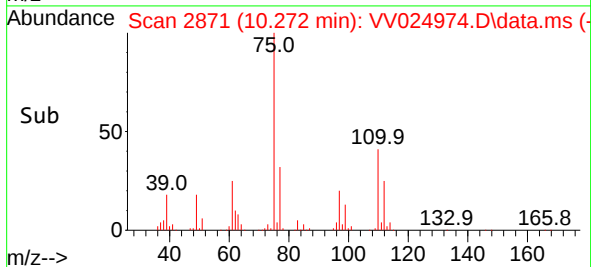
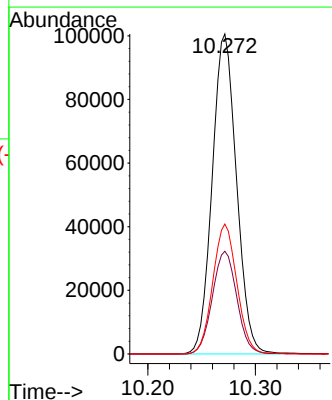
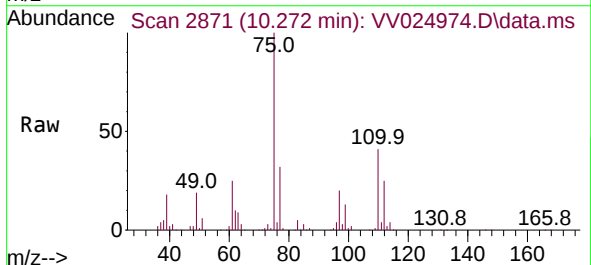
Instrument :
MSVOA_V
ClientSampleId :
VSTD050288

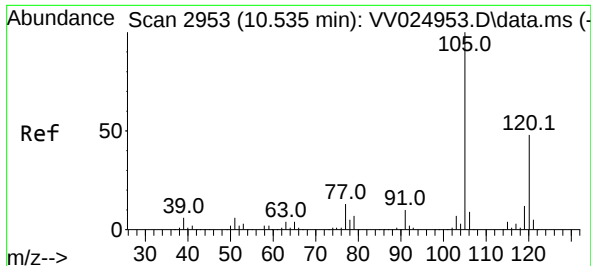
Tgt Ion:105 Resp: 572121
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 15.2 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 56.475 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Tgt Ion: 75 Resp: 157869
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
110 40.3 31.4 47.2





#62

1,3,5-Trimethylbenzene

Concen: 56.554 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

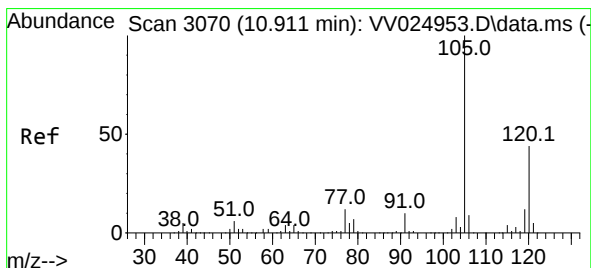
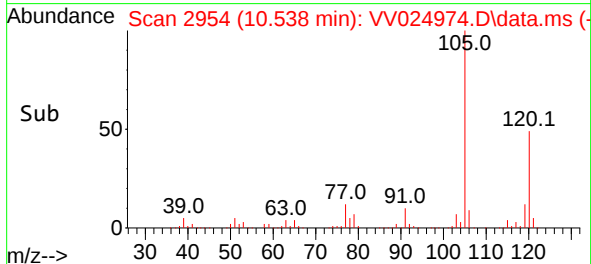
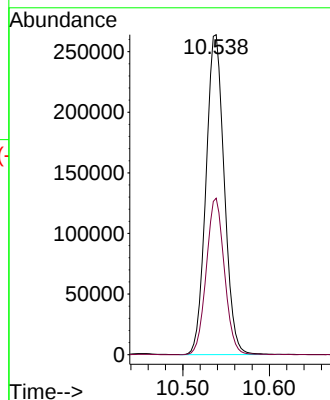
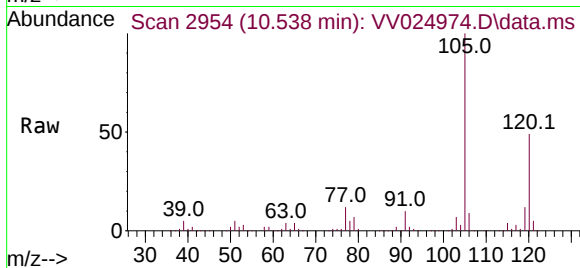
VSTD050288

Tgt Ion:105 Resp: 387133

Ion Ratio Lower Upper

105 100

120 48.4 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 56.914 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024974.D

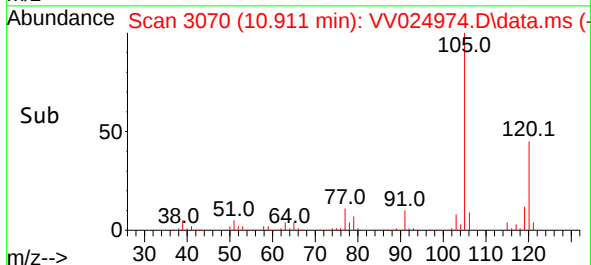
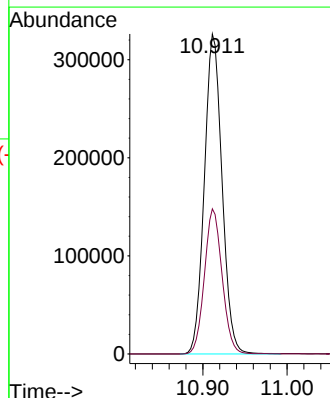
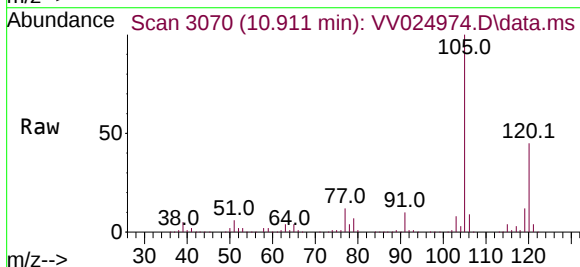
Acq: 11 Mar 2022 19:19

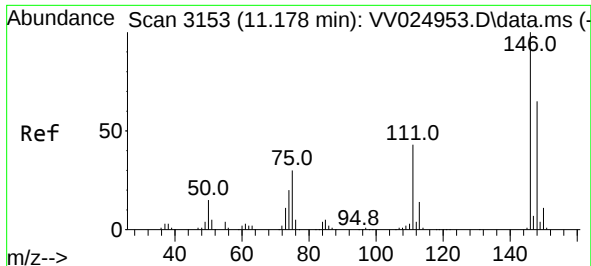
Tgt Ion:105 Resp: 477515

Ion Ratio Lower Upper

105 100

120 45.2 36.1 54.1

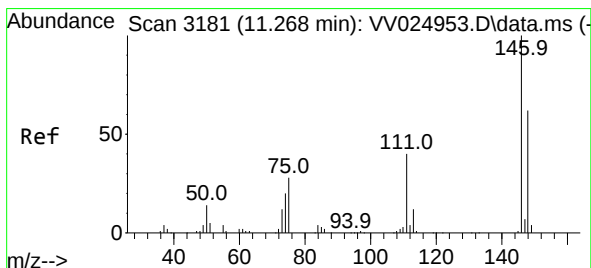
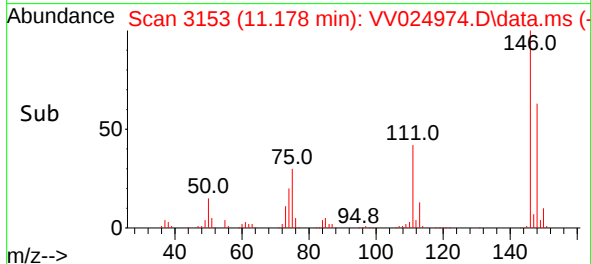
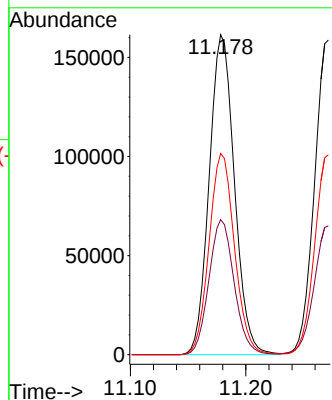
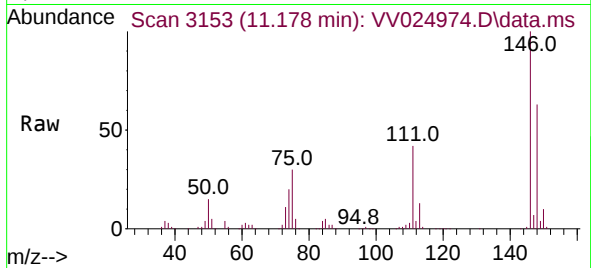




#64
1,3-Dichlorobenzene
Concen: 55.096 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

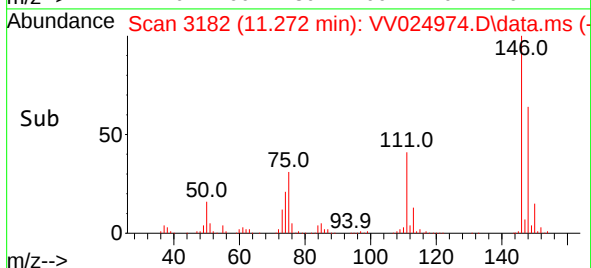
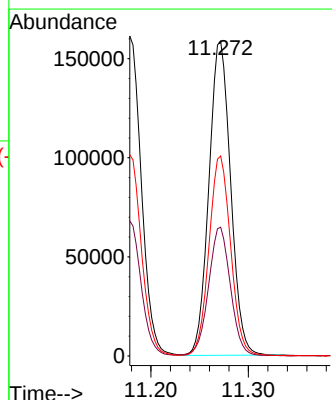
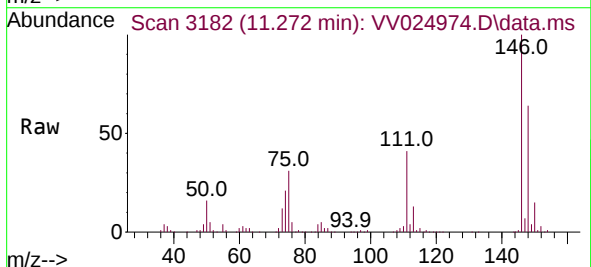
Instrument :
MSVOA_V
ClientSampleId :
VSTD050288

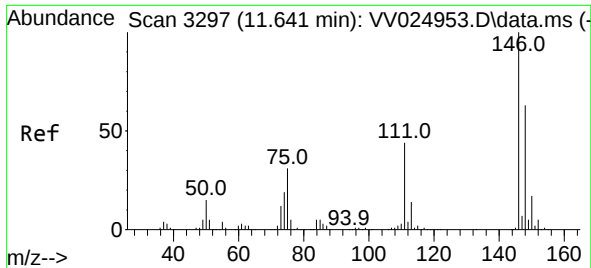
Tgt Ion:146 Resp: 245293
Ion Ratio Lower Upper
146 100
111 42.2 29.7 55.1
148 62.9 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 53.857 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Tgt Ion:146 Resp: 245476
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.0
148 63.5 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 54.716 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD050288

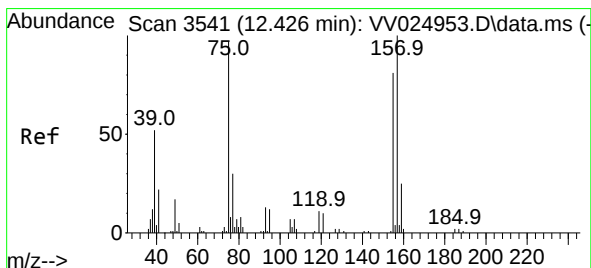
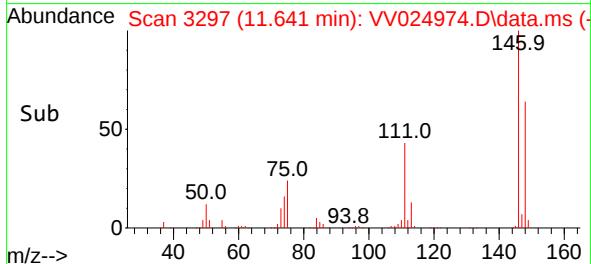
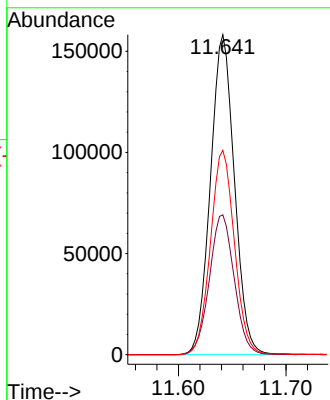
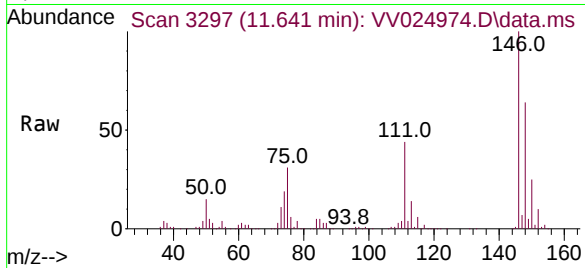
Tgt Ion:146 Resp: 245160

Ion Ratio Lower Upper

146 100

111 43.7 34.9 52.3

148 63.8 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 59.161 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024974.D

Acq: 11 Mar 2022 19:19

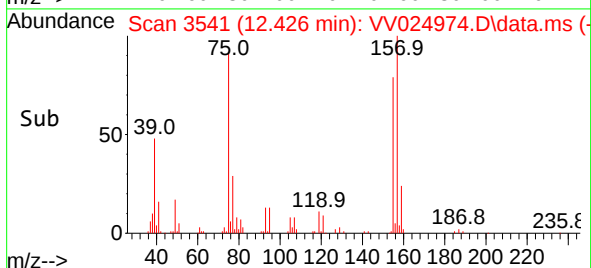
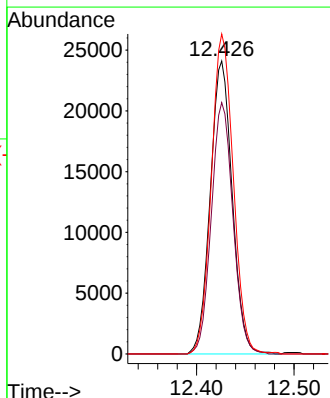
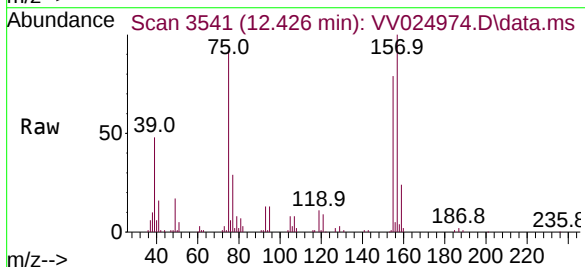
Tgt Ion: 75 Resp: 37753

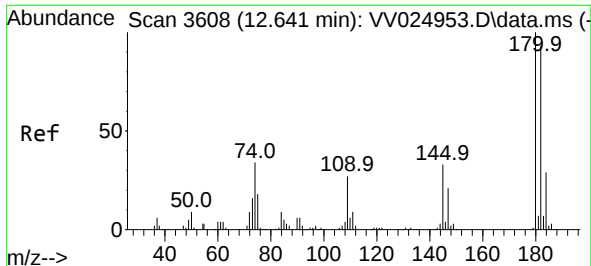
Ion Ratio Lower Upper

75 100

155 85.8 63.8 95.8

157 109.2 79.3 118.9

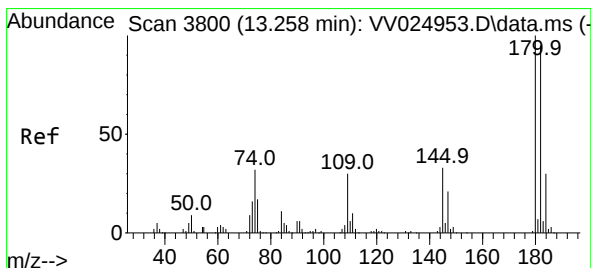
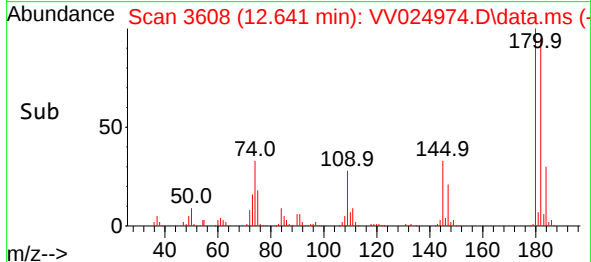
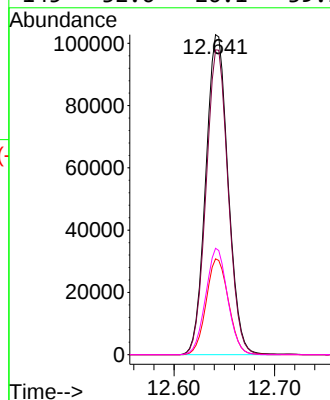
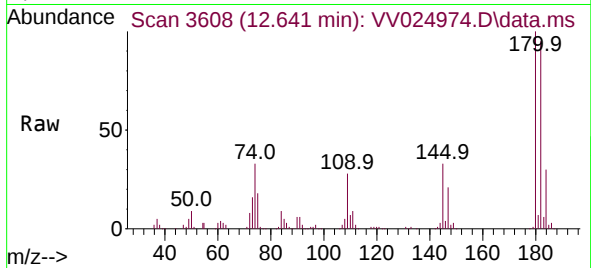




#69
1,3,5-Trichlorobenzene
Concen: 52.935 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. 0.000 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

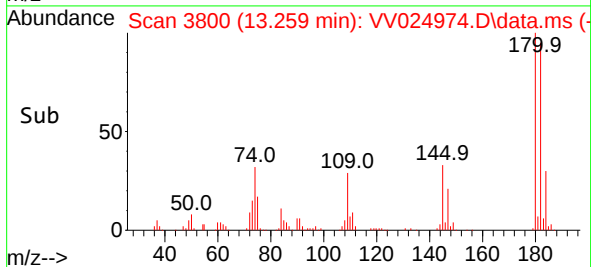
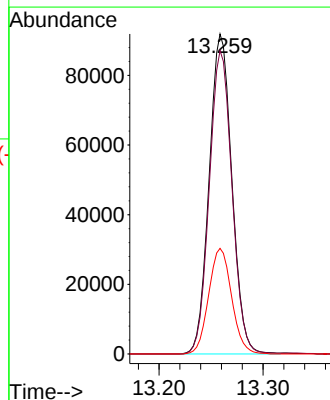
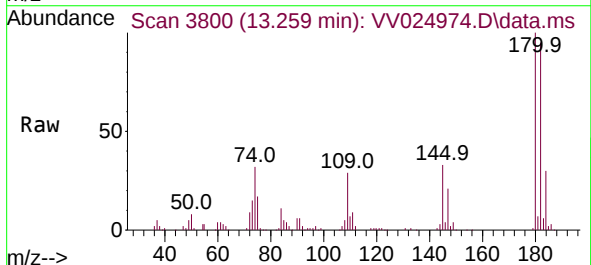
Instrument :
MSVOA_V
ClientSampleId :
VSTD050288

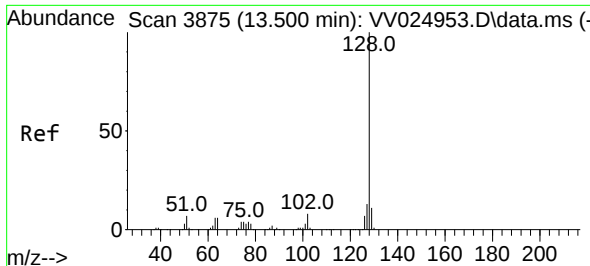
Tgt Ion:180	Resp:	159084
Ion Ratio	Lower	Upper
180	100	
182	94.1	75.1 112.7
184	29.9	23.9 35.9
145	32.6	26.1 39.1



#70
1,2,4-trichlorobenzene
Concen: 53.248 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Tgt Ion:180	Resp:	139425
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.0 114.0
145	33.4	27.6 41.4

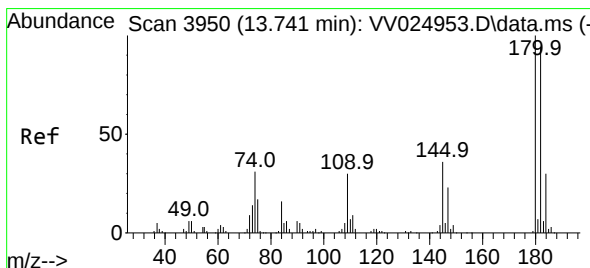
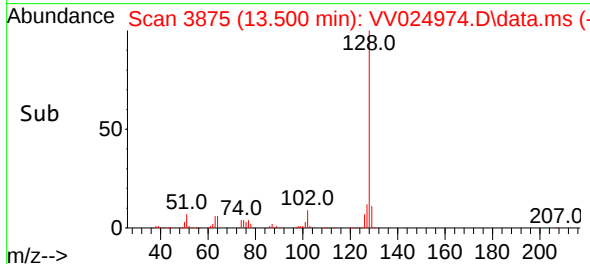
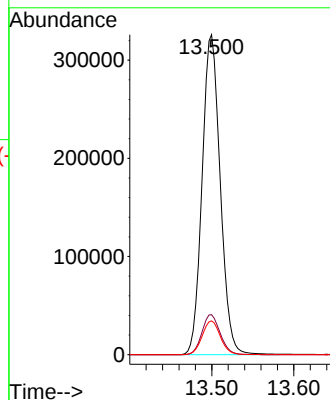
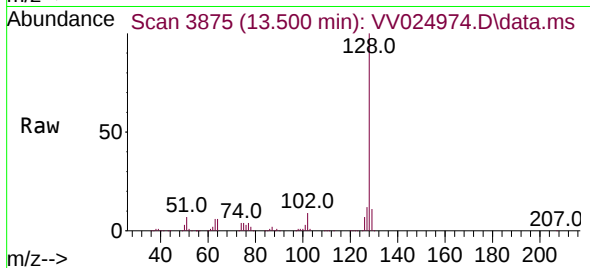




#71
Naphthalene
Concen: 58.993 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD050288

Tgt Ion:	128	Resp:	500476
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	10.6	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 55.872 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024974.D
Acq: 11 Mar 2022 19:19

Tgt Ion:	180	Resp:	144260
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.9	113.9
145	35.7	28.7	43.1

