

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031122\
 Data File : VW024953.D
 Acq On : 11 Mar 2022 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050287

Quant Time: Mar 11 23:05:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 05:21:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	258678	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	256303	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	129603	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	113440	43.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.260%
7) Chloroethane-d5	1.568	69	89261	43.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.500%
11) 1,1-Dichloroethene-d2	2.108	63	188789	42.764	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.520%
21) 2-Butanone-d5	3.889	46	129878	86.765	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.770%
24) Chloroform-d	4.342	84	206327	44.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.880%
26) 1,2-Dichloroethane-d4	5.027	65	120138	44.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.700%
32) Benzene-d6	5.047	84	418760	44.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.160%
36) 1,2-Dichloropropane-d6	6.063	67	130960	44.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.500%
41) Toluene-d8	7.310	98	378038	44.918	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	7.619	79	58489	45.478	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.960%
47) 2-Hexanone-d5	8.085	63	92470	82.307	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.310%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	160461	45.707	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.420%
66) 1,2-Dichlorobenzene-d4	11.622	152	132396	44.347	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	99887	40.899	ug/L	99
3) Chloromethane	1.243	50	99433	39.353	ug/L	100
5) Vinyl chloride	1.310	62	104515	40.315	ug/L	99
6) Bromomethane	1.523	94	66803	43.136	ug/L	98
8) Chloroethane	1.584	64	63438	41.754	ug/L	100
9) Trichlorofluoromethane	1.754	101	139796	42.166	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	85109	43.289	ug/L	99
12) 1,1-Dichloroethene	2.117	96	78649	41.076	ug/L	99
13) Acetone	2.182	43	106376	93.064	ug/L	96
14) Carbon disulfide	2.294	76	238256	40.732	ug/L	99
15) Methyl Acetate	2.433	43	84241	42.902	ug/L	100
16) Methylene chloride	2.506	84	97387	43.429	ug/L	96
17) trans-1,2-Dichloroethene	2.760	96	88750	42.858	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	271088	42.935	ug/L	98
19) 1,1-Dichloroethane	3.188	63	161134	43.157	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	98583	43.980	ug/L	95
22) 2-Butanone	3.969	43	122961	93.815	ug/L	98
23) Bromochloromethane	4.243	128	49171	43.862	ug/L	97
25) Chloroform	4.371	83	169328	43.658	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031122\
 Data File : VW024953.D
 Acq On : 11 Mar 2022 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

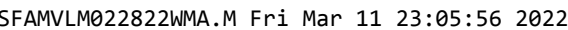
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050287

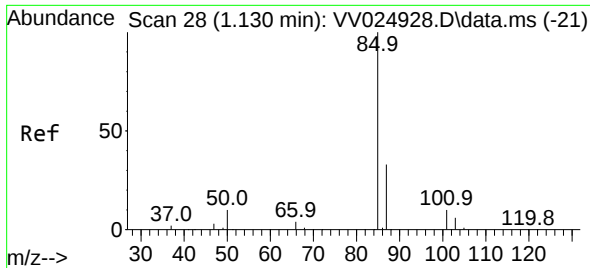
Quant Time: Mar 11 23:05:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 05:21:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	118641	43.835	ug/L	99
29) Cyclohexane	4.674	56	137740	41.084	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	142230	42.143	ug/L	99
31) Carbon tetrachloride	4.822	117	119726	41.723	ug/L	99
33) Benzene	5.095	78	372829	43.102	ug/L	100
34) Trichloroethene	5.908	95	101264	42.705	ug/L	99
35) Methylcyclohexane	6.127	83	152650	42.431	ug/L	99
37) 1,2-Dichloropropane	6.169	63	93497	43.075	ug/L	99
38) Bromodichloromethane	6.506	83	121639	42.765	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	140539	43.020	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	214988	83.076	ug/L	99
42) Toluene	7.384	91	390925	43.311	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	131535	43.826	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	93095	44.142	ug/L	97
46) Tetrachloroethene	7.973	164	65784	42.956	ug/L	97
48) 2-Hexanone	8.136	43	177870	87.333	ug/L	98
49) Dibromochloromethane	8.243	129	93220	45.740	ug/L	99
50) 1,2-Dibromoethane	8.349	107	95706	44.004	ug/L	99
51) Chlorobenzene	8.876	112	246231	43.244	ug/L	99
52) Ethylbenzene	9.008	91	414352	43.525	ug/L	100
53) m,p-Xylene	9.133	106	162627	44.458	ug/L	98
54) o-Xylene	9.542	106	154234	43.636	ug/L	99
55) Styrene	9.558	104	270222	45.058	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	128030	43.402	ug/L	99
59) Bromoform	9.728	173	52971	44.867	ug/L	98
60) Isopropylbenzene	9.927	105	411614	43.732	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	108247	41.742	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	277183	43.648	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	347278	44.617	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	180650	43.739	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	184469	43.626	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	180944	43.531	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	23965	40.481	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	122470	43.928	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	104621	43.070	ug/L	98
71) Naphthalene	13.500	128	330074	41.939	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	104002	43.419	ug/L	99

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

Quant Time: Mar 11 23:05:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 11 05:21:24 2022
Response via : Initial Calibration

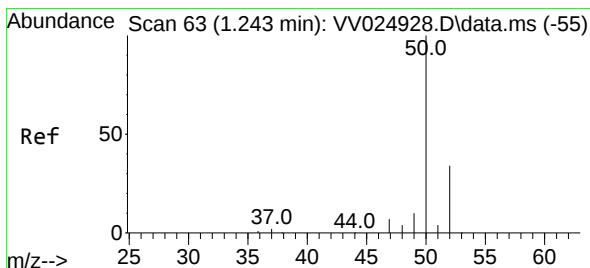
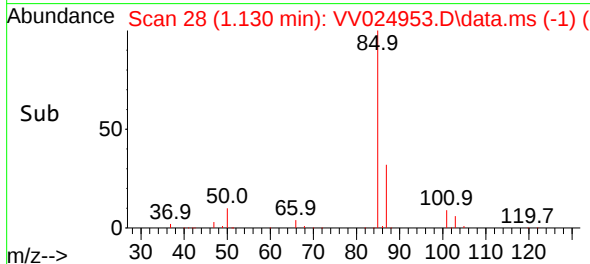
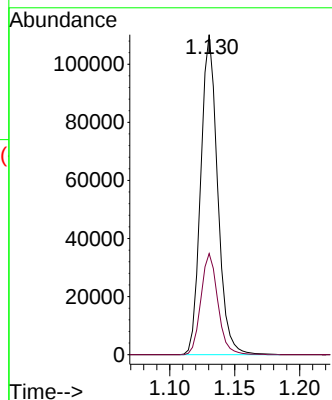
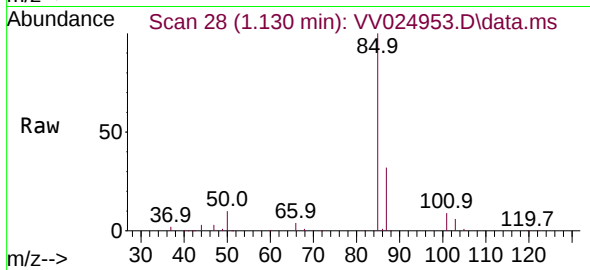




#2
 Dichlorodifluoromethane
 Concen: 40.899 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024953.D
 Acq: 11 Mar 2022 09:13

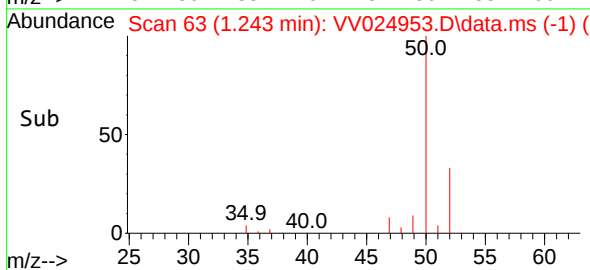
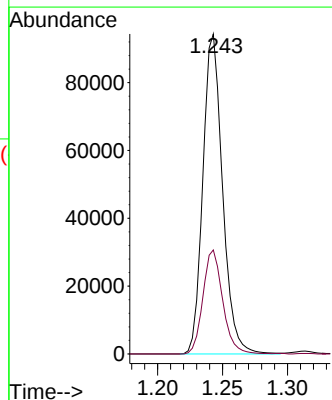
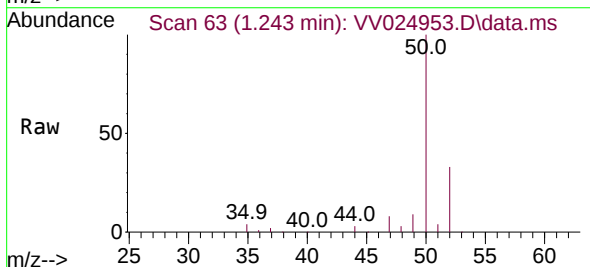
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050287

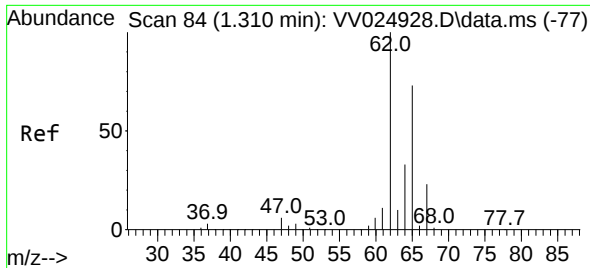
Tgt Ion: 85 Resp: 99887
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.8 38.8



#3
 Chloromethane
 Concen: 39.353 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024953.D
 Acq: 11 Mar 2022 09:13

Tgt Ion: 50 Resp: 99433
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.8 42.4

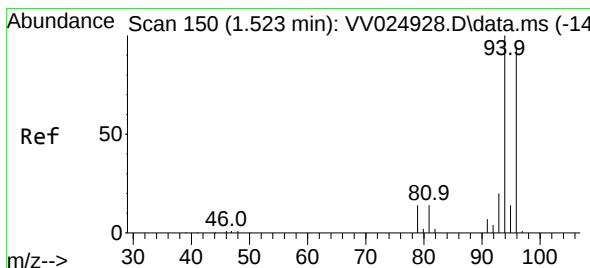
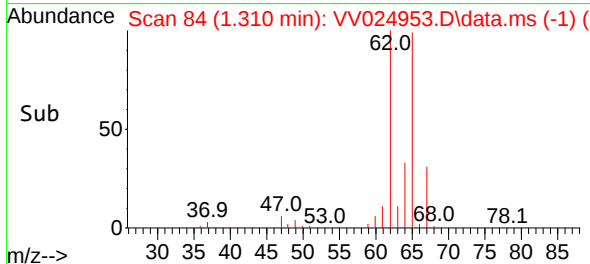
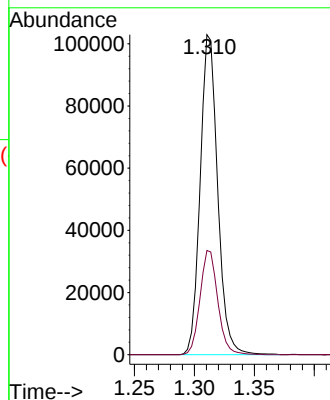
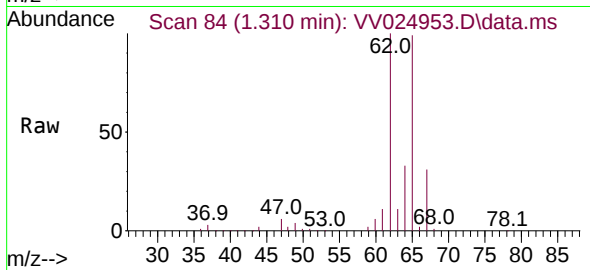




#5
 Vinyl chloride
 Concen: 40.315 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024953.D
 Acq: 11 Mar 2022 09:13

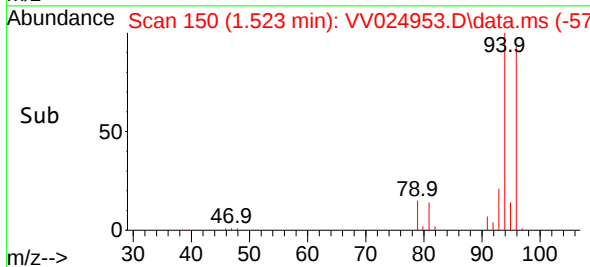
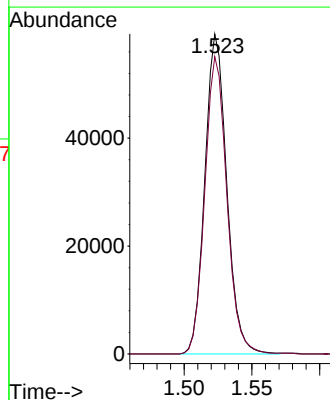
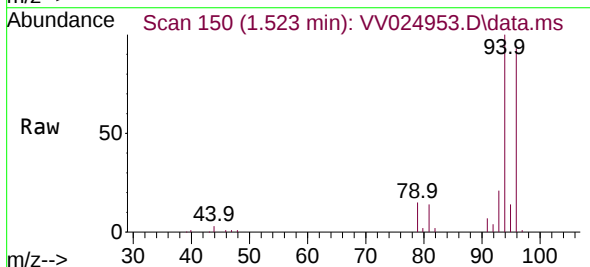
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050287

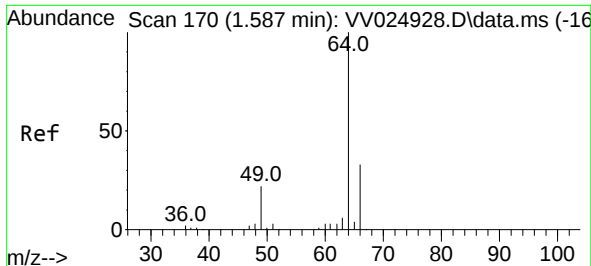
Tgt Ion: 62 Resp: 104515
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0



#6
 Bromomethane
 Concen: 43.136 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024953.D
 Acq: 11 Mar 2022 09:13

Tgt Ion: 94 Resp: 66803
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.7 123.9

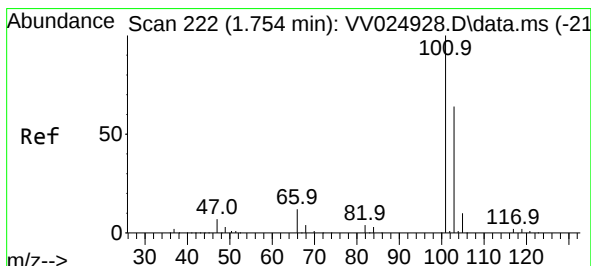
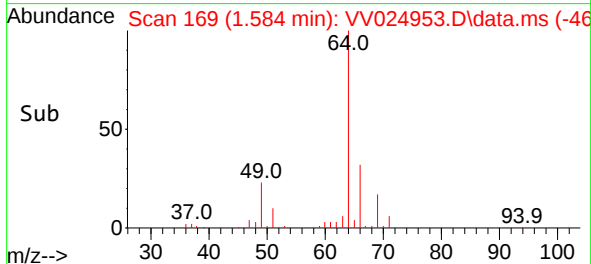
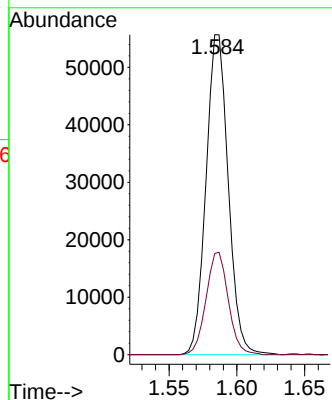
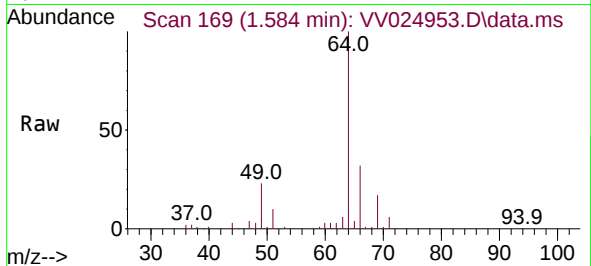




#8
Chloroethane
Concen: 41.754 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

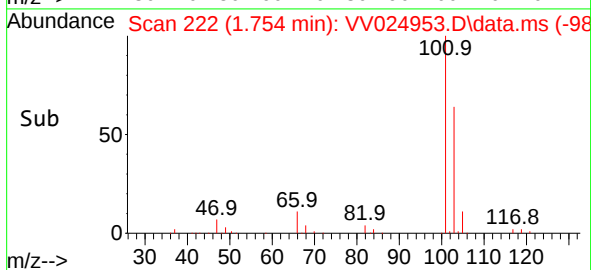
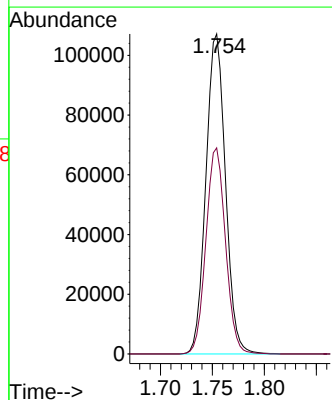
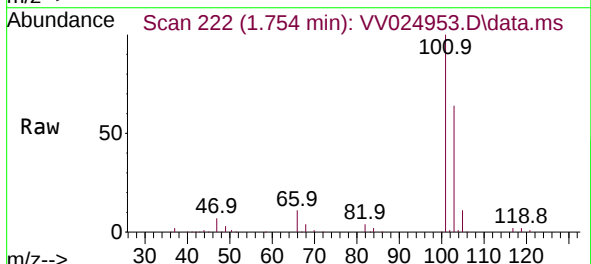
Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

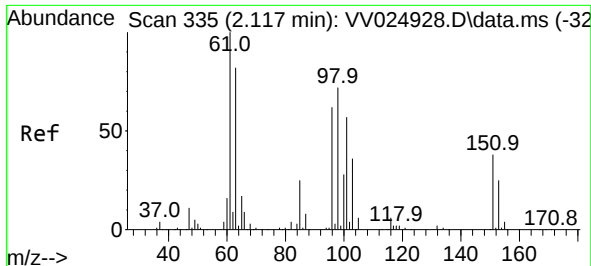
Tgt Ion: 64 Resp: 63438
Ion Ratio Lower Upper
64 100
66 31.6 22.2 41.2



#9
Trichlorofluoromethane
Concen: 42.166 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion:101 Resp: 139796
Ion Ratio Lower Upper
101 100
103 64.5 52.1 78.1

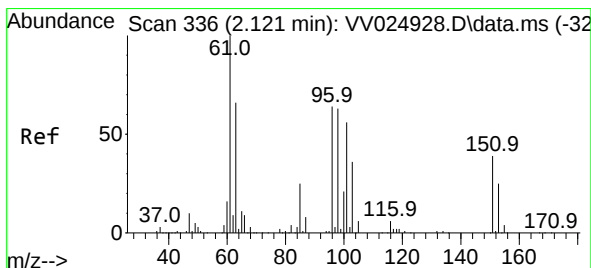
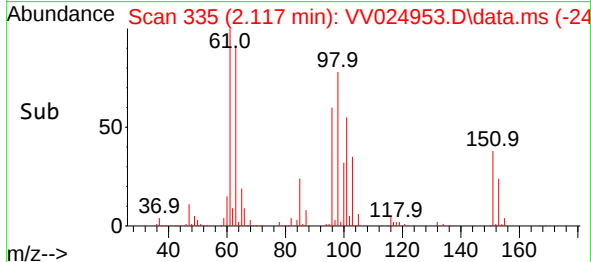
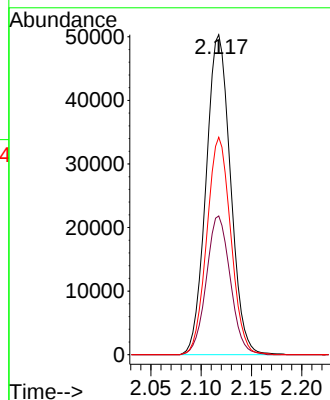
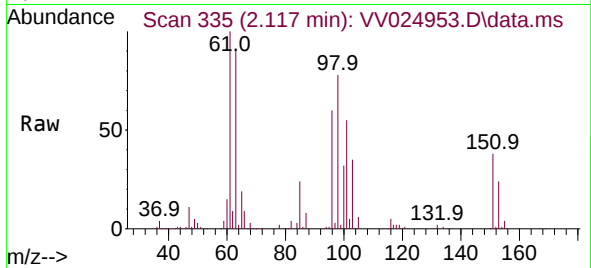




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.289 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024953.D
 Acq: 11 Mar 2022 09:13

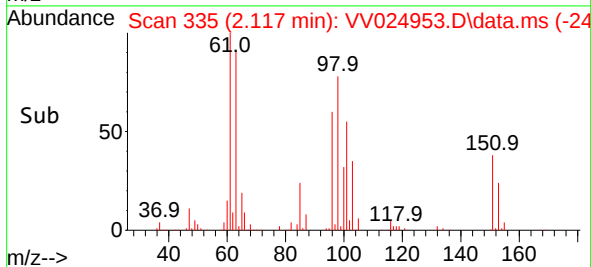
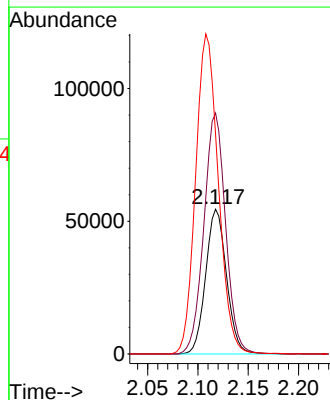
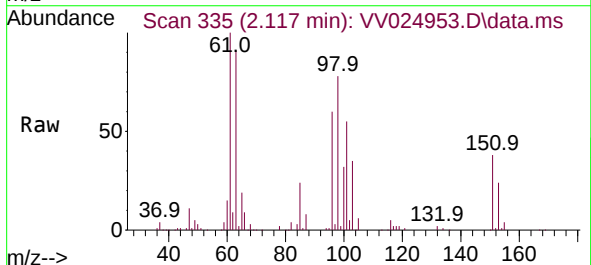
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050287

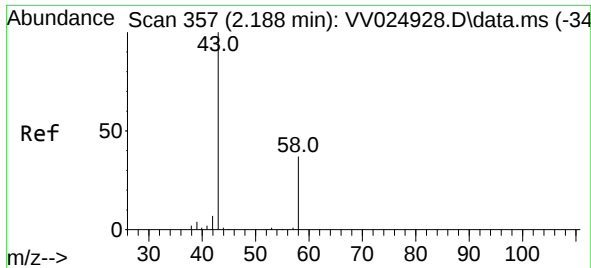
Tgt Ion:101 Resp: 85109
 Ion Ratio Lower Upper
 101 100
 85 42.4 33.8 50.8
 151 66.7 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 41.076 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024953.D
 Acq: 11 Mar 2022 09:13

Tgt Ion: 96 Resp: 78649
 Ion Ratio Lower Upper
 96 100
 61 166.4 117.6 218.4
 63 151.8 105.3 195.5





#13

Acetone

Concen: 93.064 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

Instrument :

MSVOA_V

ClientSampleId :

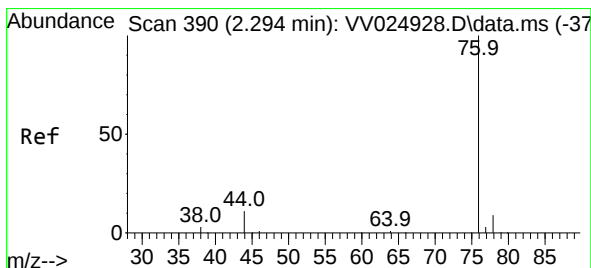
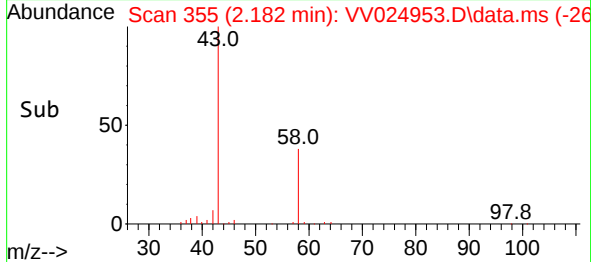
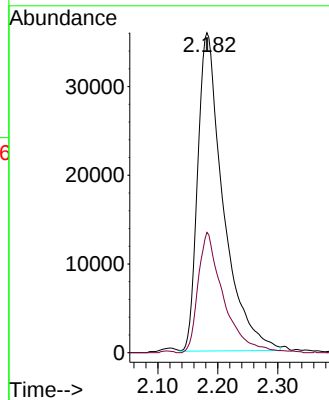
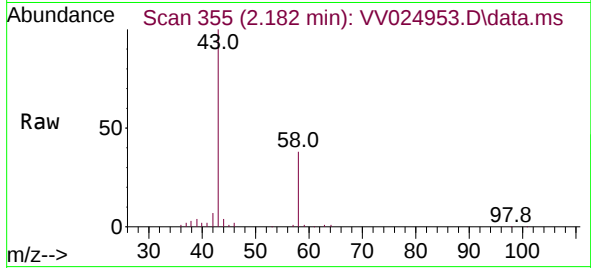
VSTD050287

Tgt Ion: 43 Resp: 106376

Ion Ratio Lower Upper

43 100

58 37.5 0.0 70.0



#14

Carbon disulfide

Concen: 40.732 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024953.D

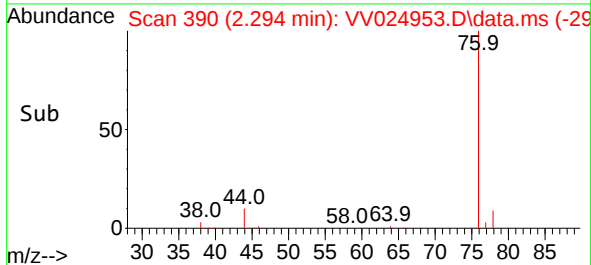
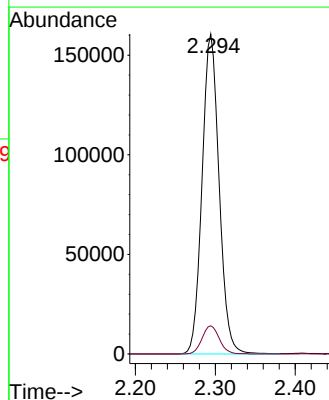
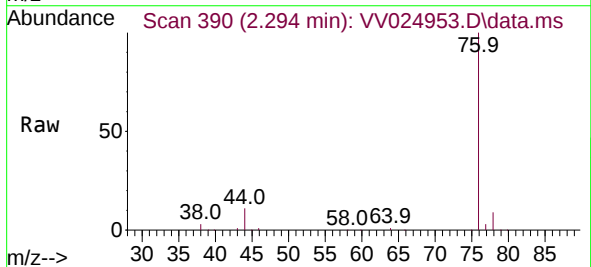
Acq: 11 Mar 2022 09:13

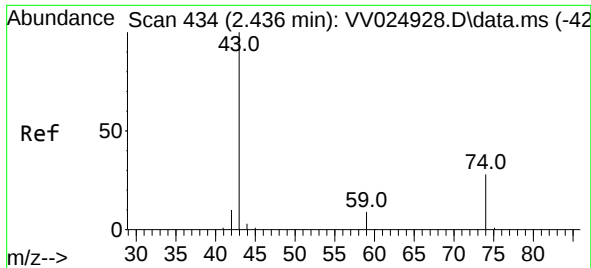
Tgt Ion: 76 Resp: 238256

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

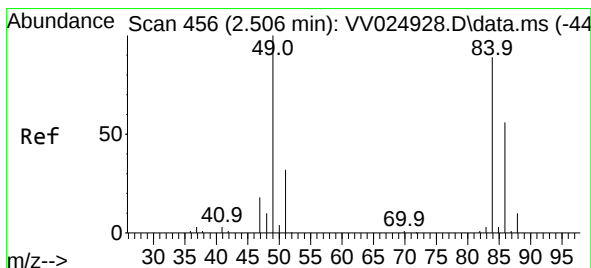
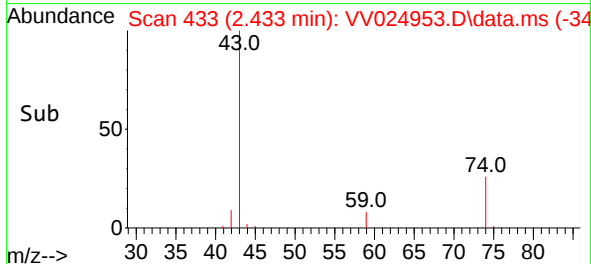
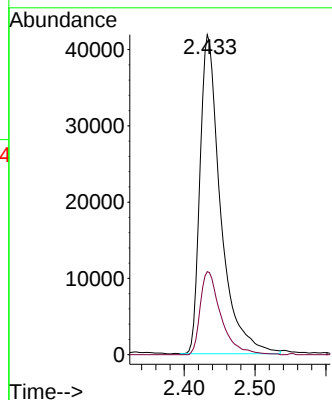
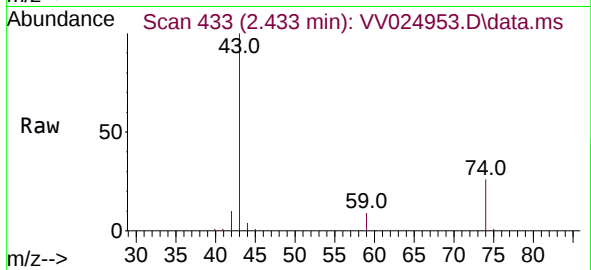




#15
Methyl Acetate
Concen: 42.902 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

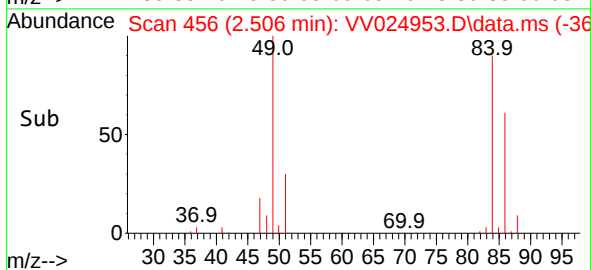
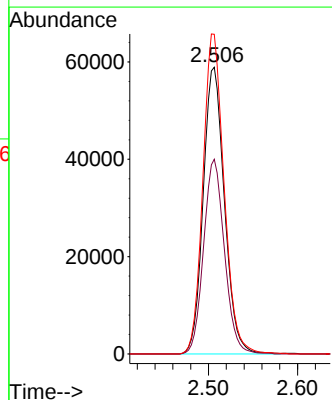
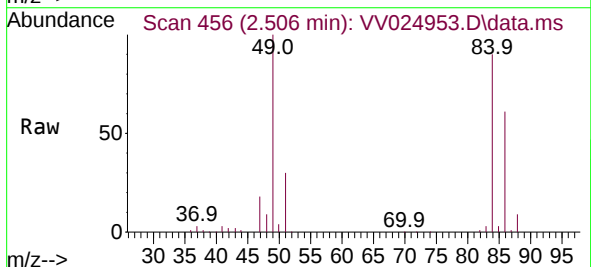
Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

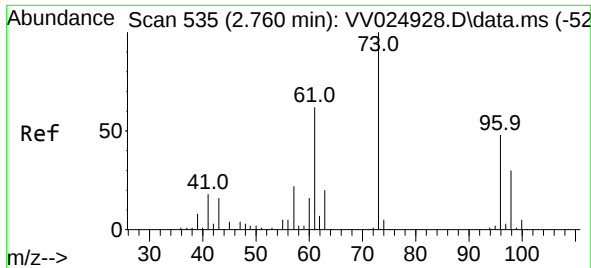
Tgt Ion: 43 Resp: 84241
Ion Ratio Lower Upper
43 100
74 26.2 21.0 31.4



#16
Methylene chloride
Concen: 43.429 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion: 84 Resp: 97387
Ion Ratio Lower Upper
84 100
86 67.9 44.3 82.3
49 111.5 80.7 149.9

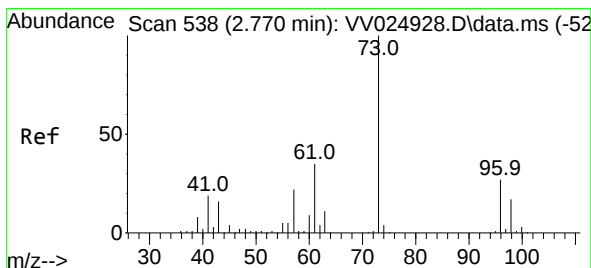
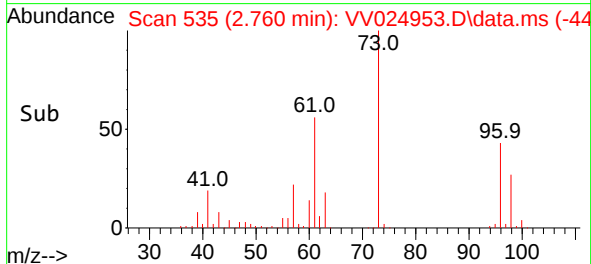
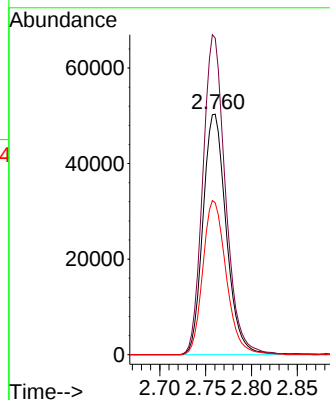
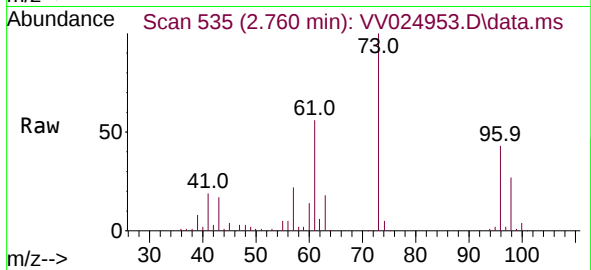




#17
trans-1,2-Dichloroethene
Concen: 42.858 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

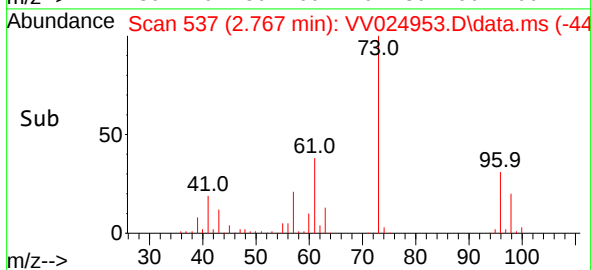
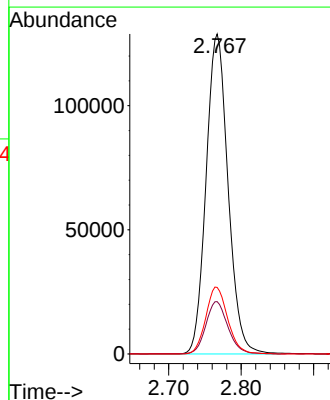
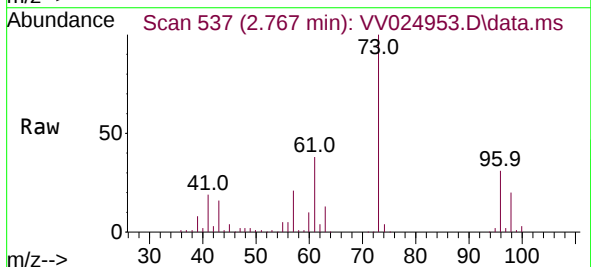
Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

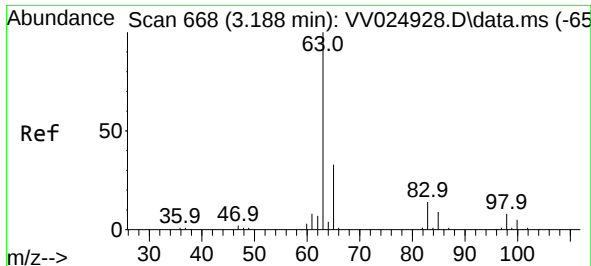
Tgt Ion: 96 Resp: 88750
Ion Ratio Lower Upper
96 100
61 131.6 93.7 173.9
98 63.1 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 42.935 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion: 73 Resp: 271088
Ion Ratio Lower Upper
73 100
43 16.5 13.6 20.4
57 20.9 17.4 26.2





#19

1,1-Dichloroethane

Concen: 43.157 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD050287

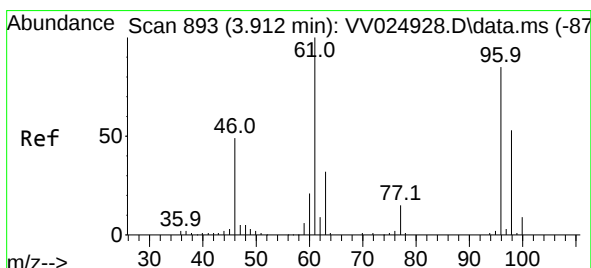
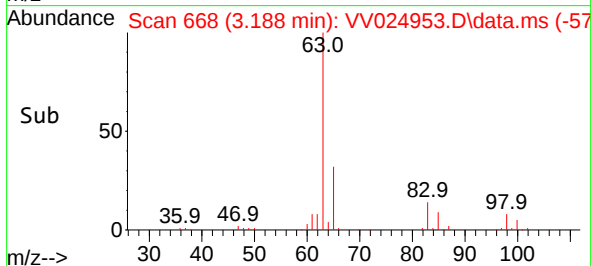
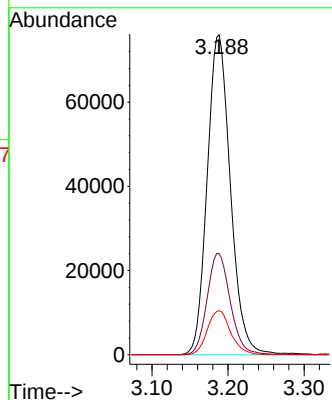
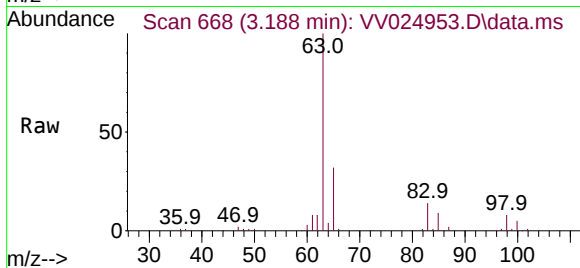
Tgt Ion: 63 Resp: 161134

Ion Ratio Lower Upper

63 100

65 31.6 22.0 40.8

83 13.8 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 43.980 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.006 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

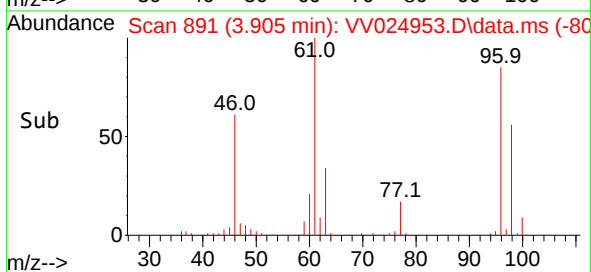
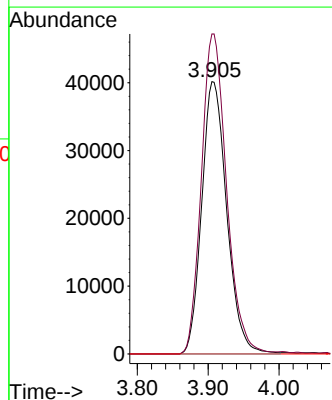
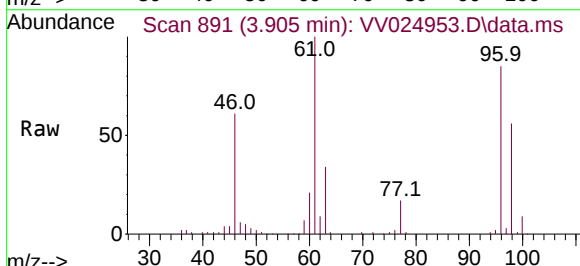
Tgt Ion: 96 Resp: 98583

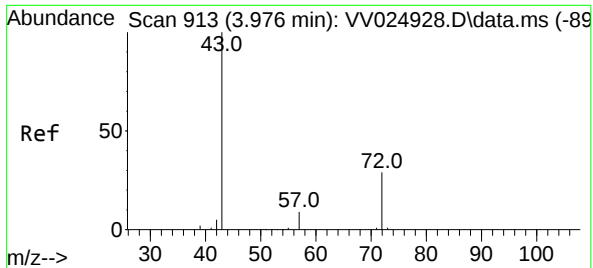
Ion Ratio Lower Upper

96 100

61 117.5 86.1 159.9

68 0.0 0.0 0.0

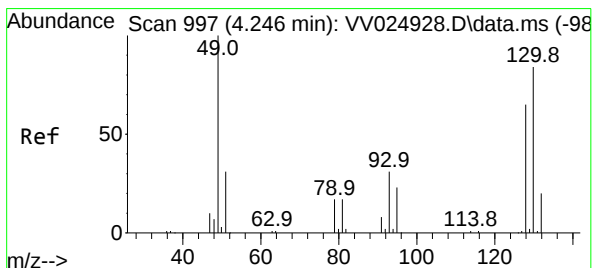
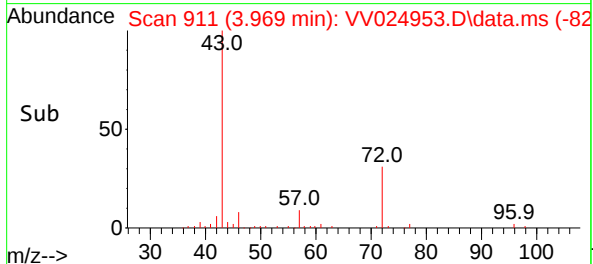
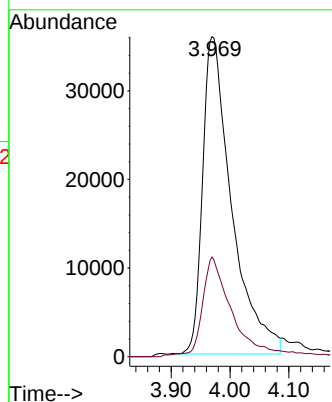
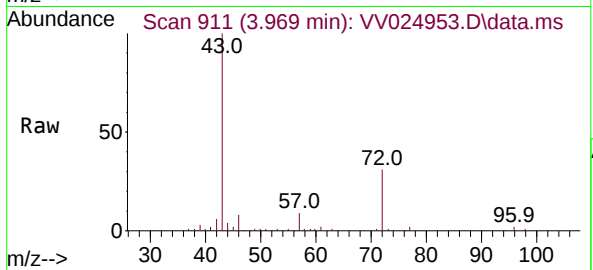




#22
2-Butanone
Concen: 93.815 ug/L
RT: 3.969 min Scan# 911
Delta R.T. -0.006 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

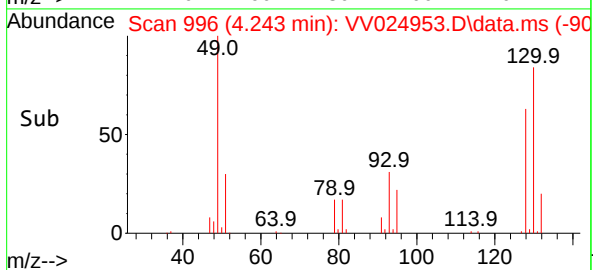
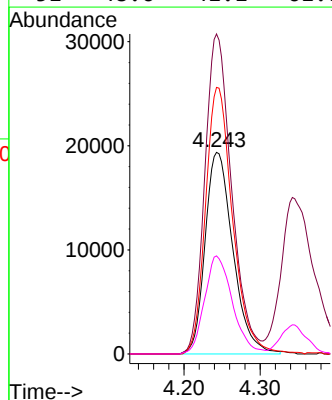
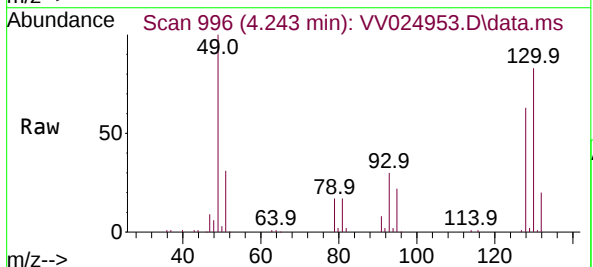
Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

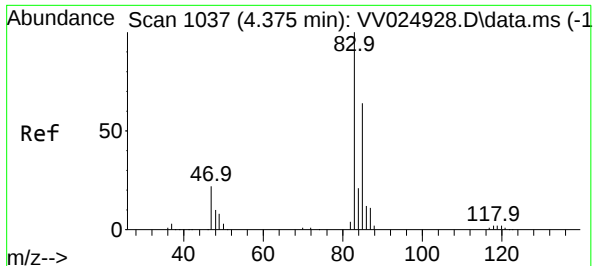
Tgt Ion: 43 Resp: 122961
Ion Ratio Lower Upper
43 100
72 28.5 13.9 41.6



#23
Bromochloromethane
Concen: 43.862 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion: 128 Resp: 49171
Ion Ratio Lower Upper
128 100
49 158.7 110.9 205.9
130 132.2 88.5 164.3
51 48.6 41.1 61.7





#25

Chloroform

Concen: 43.658 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

Instrument :

MSVOA_V

ClientSampleId :

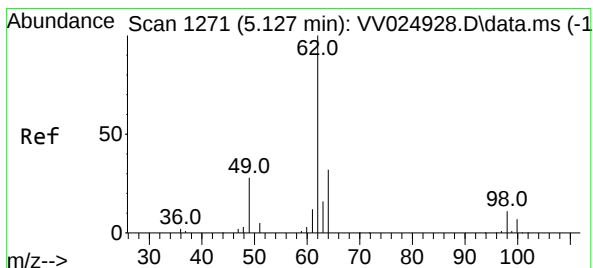
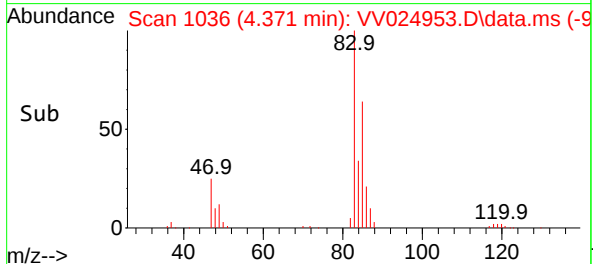
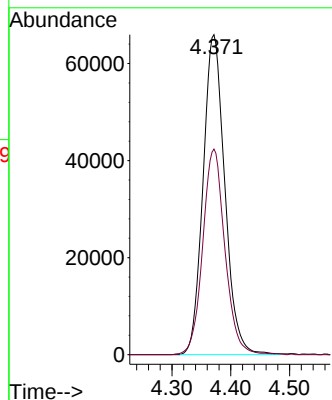
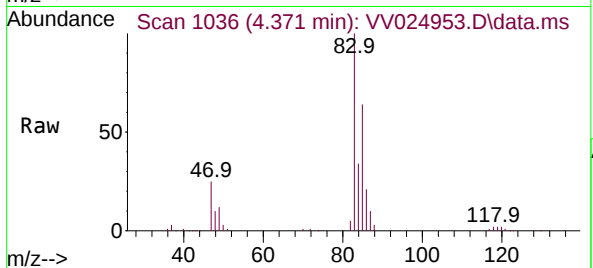
VSTD050287

Tgt Ion: 83 Resp: 169328

Ion Ratio Lower Upper

83 100

85 64.2 46.0 85.4



#27

1,2-Dichloroethane

Concen: 43.835 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV024953.D

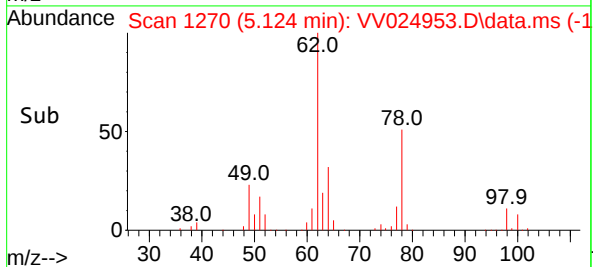
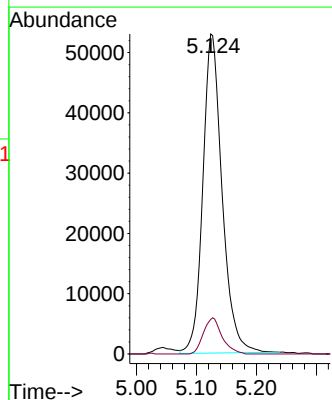
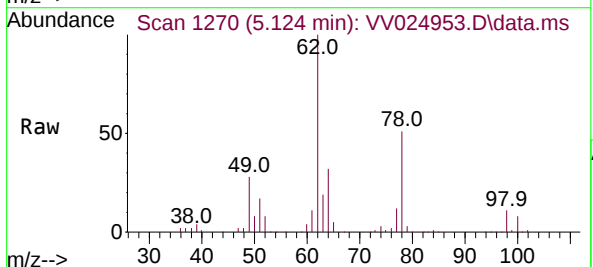
Acq: 11 Mar 2022 09:13

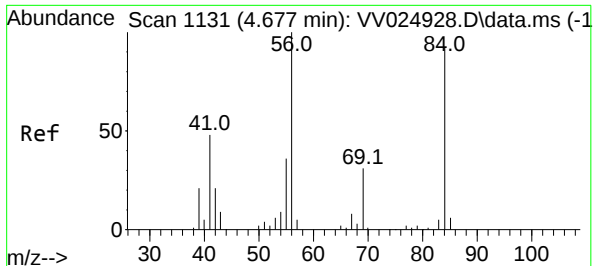
Tgt Ion: 62 Resp: 118641

Ion Ratio Lower Upper

62 100

98 10.8 8.2 12.4





#29

Cyclohexane

Concen: 41.084 ug/L

RT: 4.674 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD050287

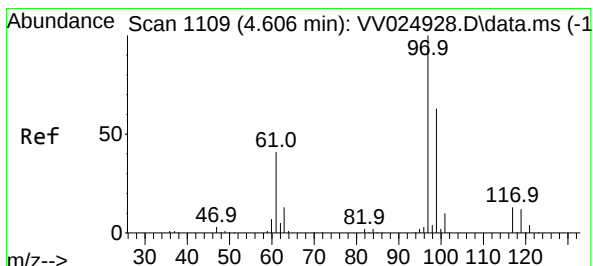
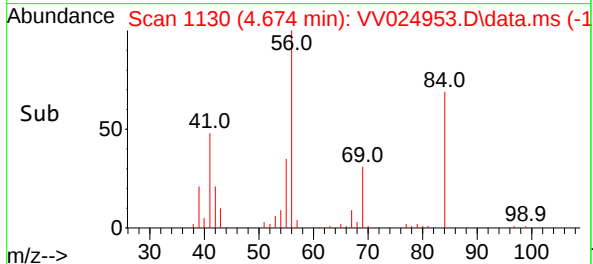
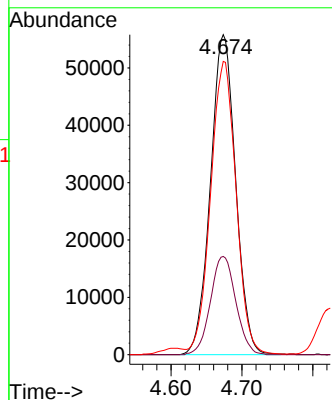
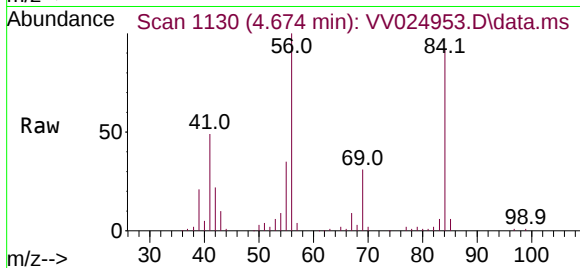
Tgt Ion: 56 Resp: 137740

Ion Ratio Lower Upper

56 100

69 30.9 25.0 37.6

84 92.9 73.4 110.2



#30

1,1,1-Trichloroethane

Concen: 42.143 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

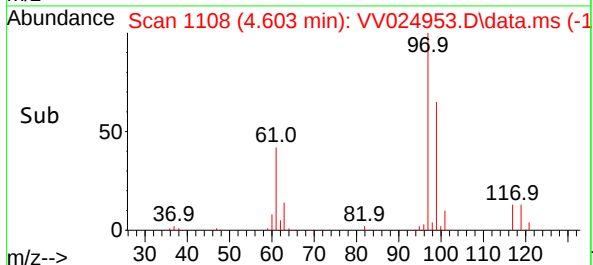
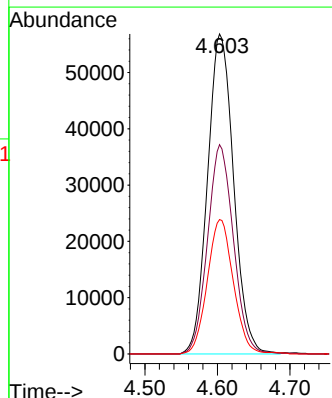
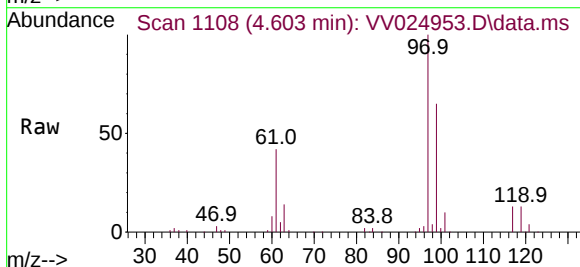
Tgt Ion: 97 Resp: 142230

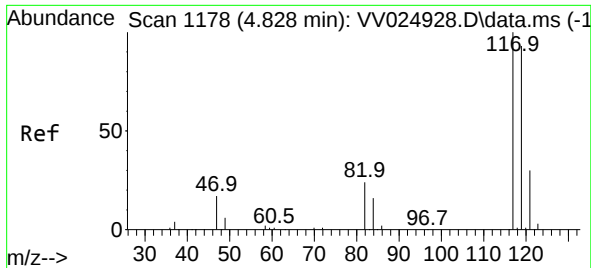
Ion Ratio Lower Upper

97 100

99 64.9 51.5 77.3

61 41.7 33.8 50.8

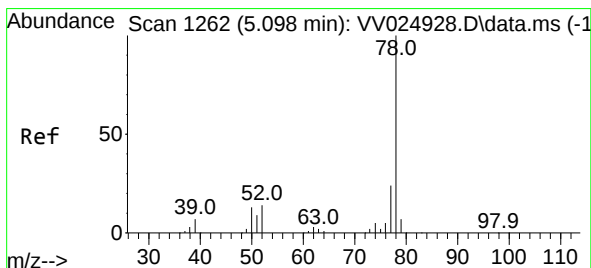
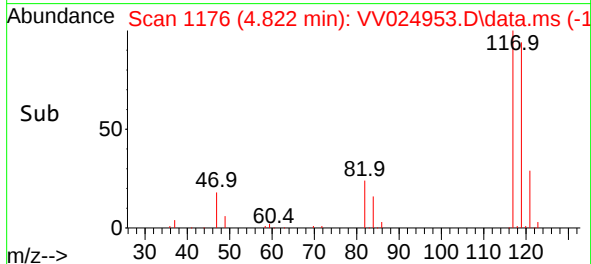
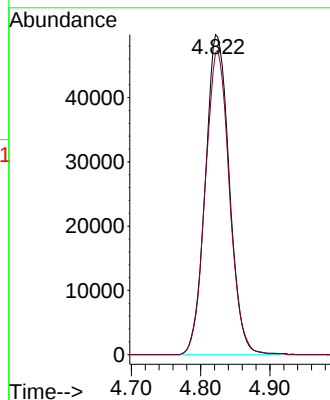
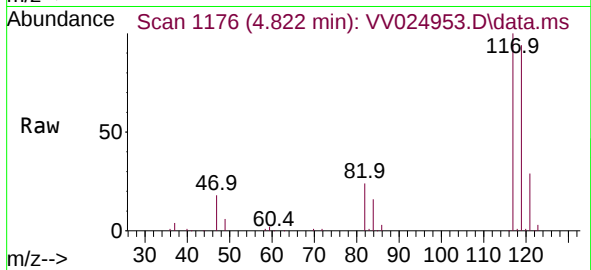




#31
Carbon tetrachloride
Concen: 41.723 ug/L
RT: 4.822 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

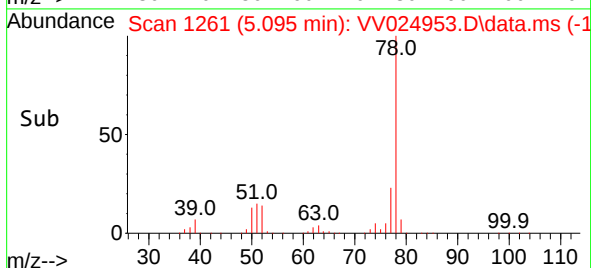
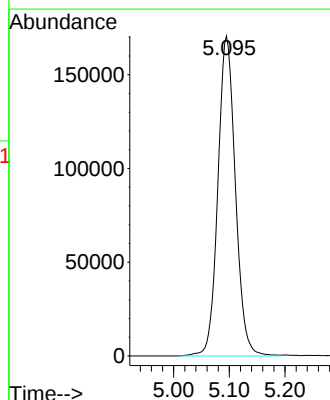
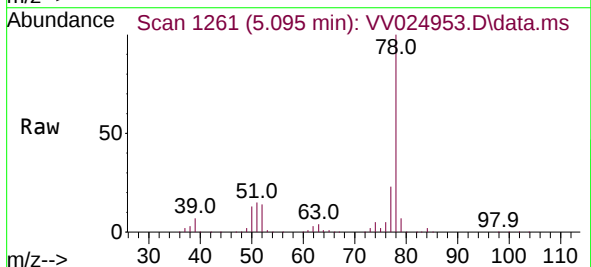
Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

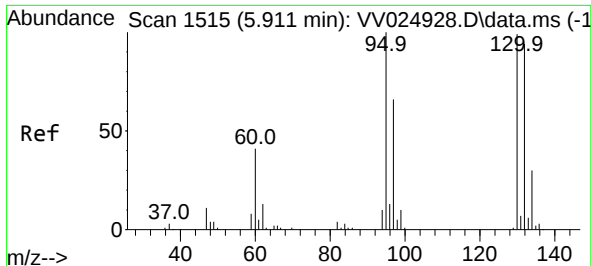
Tgt Ion:117 Resp: 119726
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8



#33
Benzene
Concen: 43.102 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion: 78 Resp: 372829

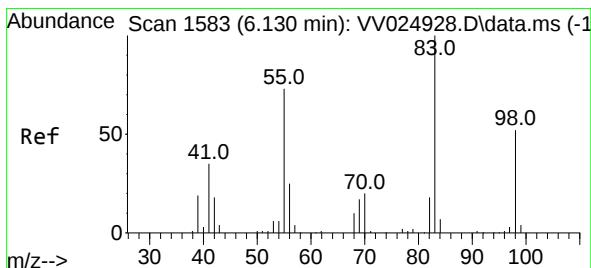
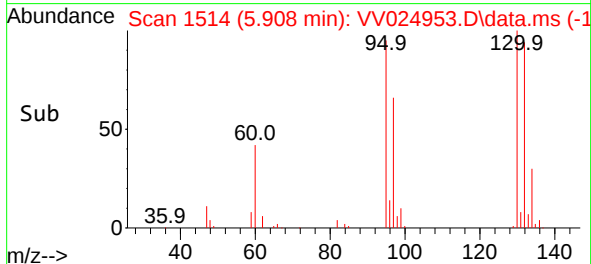
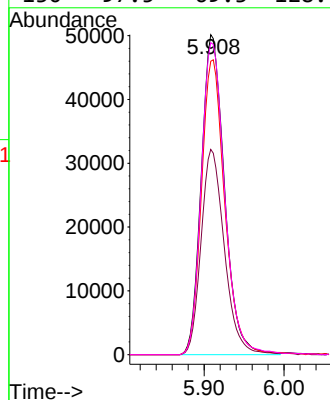
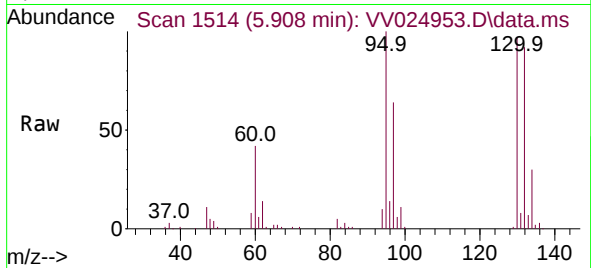




#34
Trichloroethene
Concen: 42.705 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

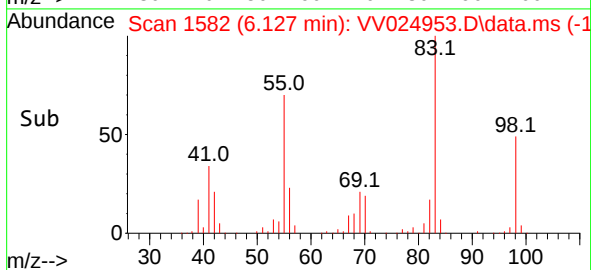
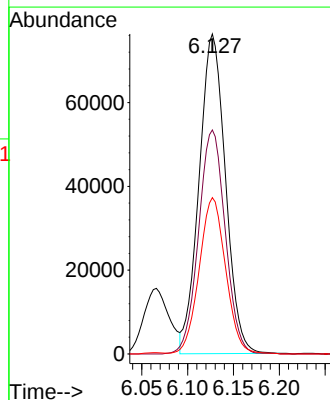
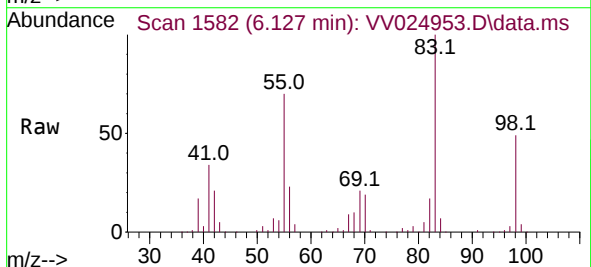
Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

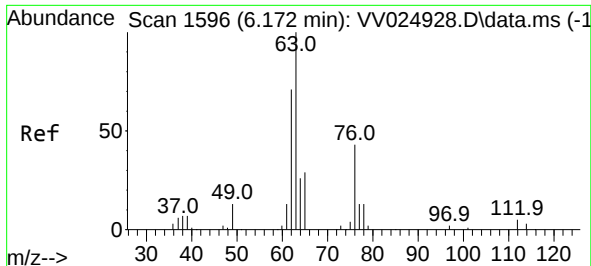
Tgt Ion: 95 Resp: 101264
Ion Ratio Lower Upper
95 100
97 64.1 45.3 84.1
132 91.7 65.0 120.6
130 97.5 69.3 128.7



#35
Methylcyclohexane
Concen: 42.431 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion: 83 Resp: 152650
Ion Ratio Lower Upper
83 100
55 71.0 57.7 86.5
98 49.2 38.9 58.3





#37

1,2-Dichloropropane

Concen: 43.075 ug/L

RT: 6.169 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

Instrument :

MSVOA_V

ClientSampleId :

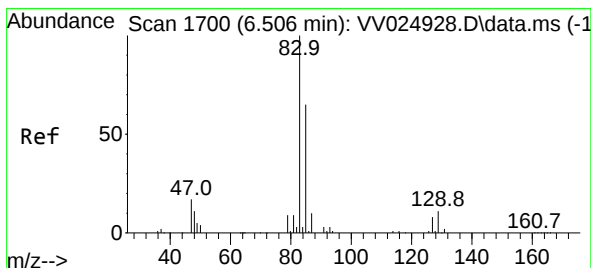
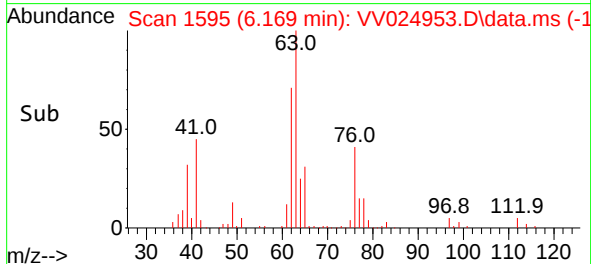
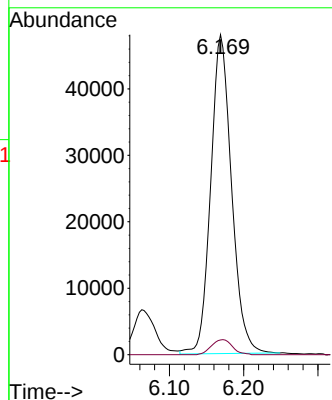
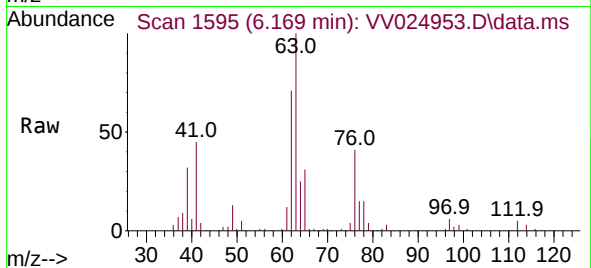
VSTD050287

Tgt Ion: 63 Resp: 93497

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 42.765 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

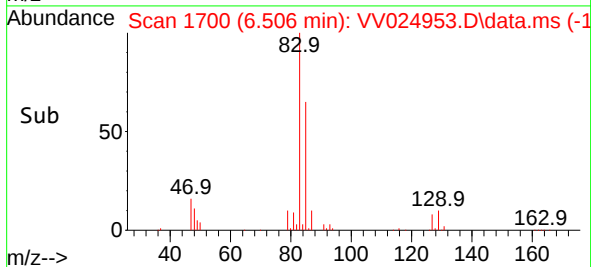
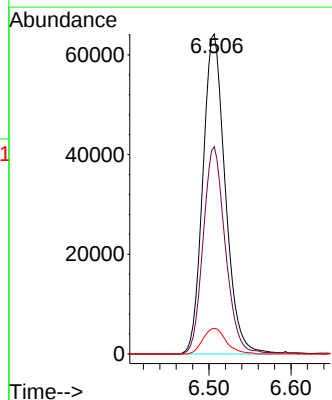
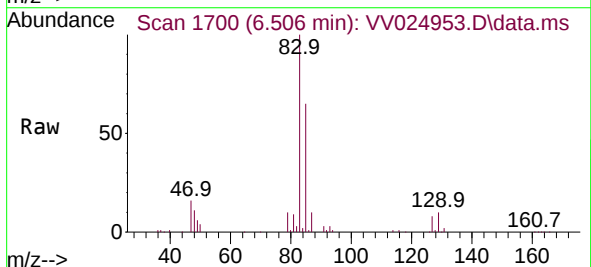
Tgt Ion: 83 Resp: 121639

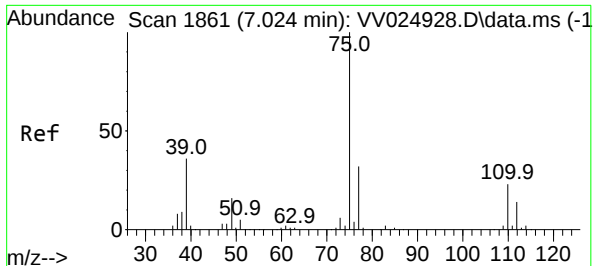
Ion Ratio Lower Upper

83 100

85 64.8 44.5 82.7

127 8.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 43.020 ug/L

RT: 7.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

Instrument :

MSVOA_V

ClientSampleId :

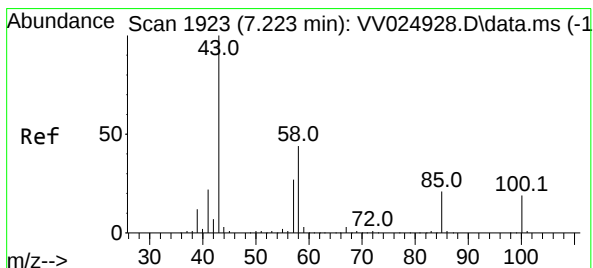
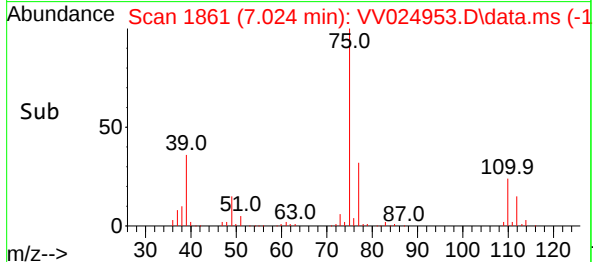
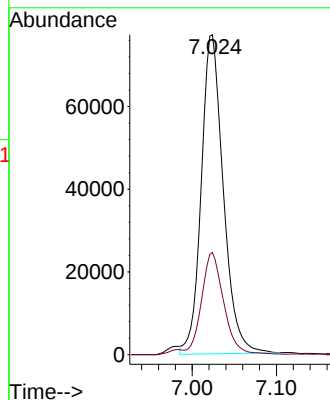
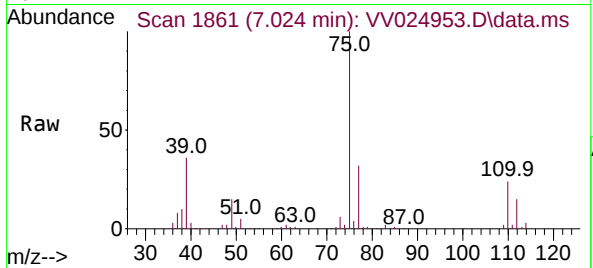
VSTD050287

Tgt Ion: 75 Resp: 140539

Ion Ratio Lower Upper

75 100

77 31.9 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 83.076 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

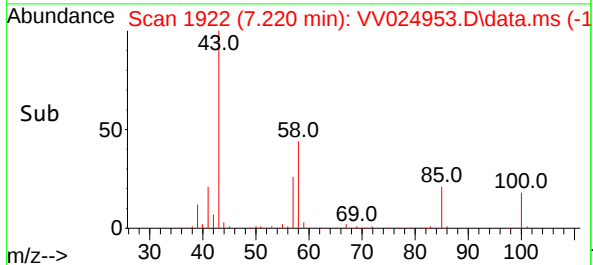
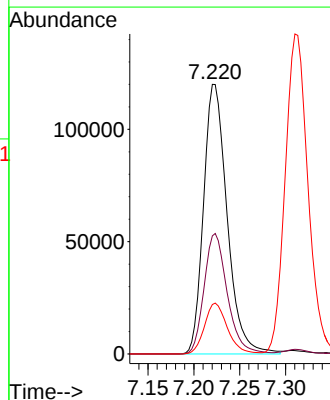
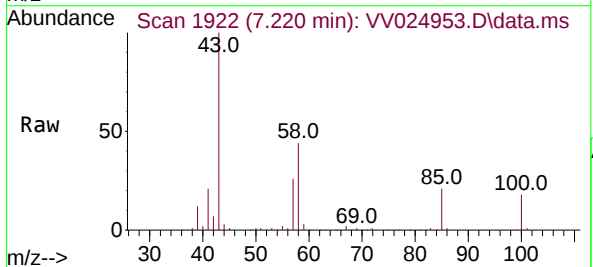
Tgt Ion: 43 Resp: 214988

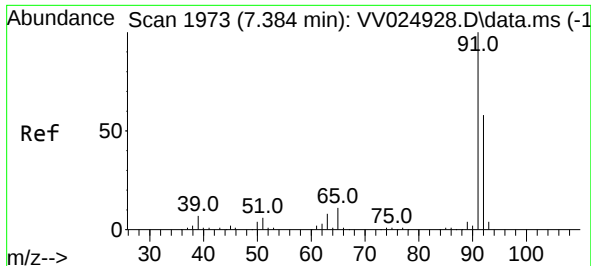
Ion Ratio Lower Upper

43 100

58 43.8 34.8 52.2

100 18.3 14.2 21.2

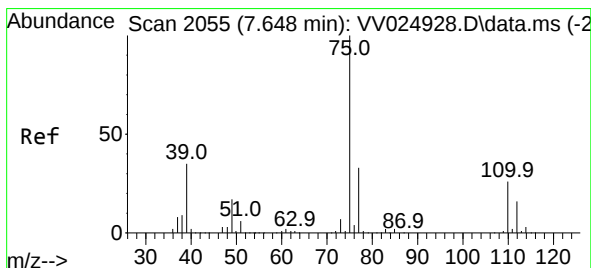
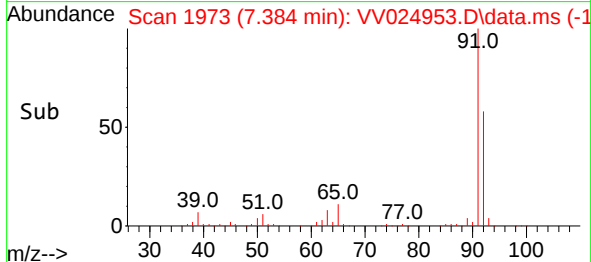
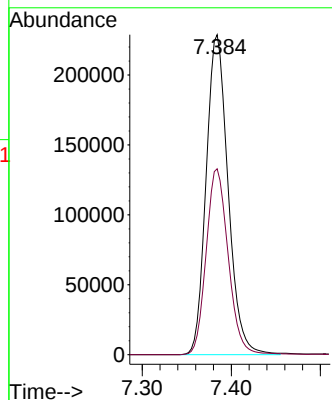
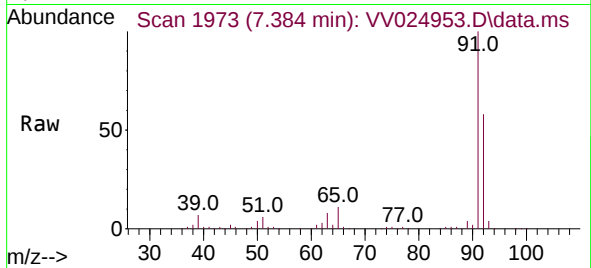




#42
Toluene
Concen: 43.311 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

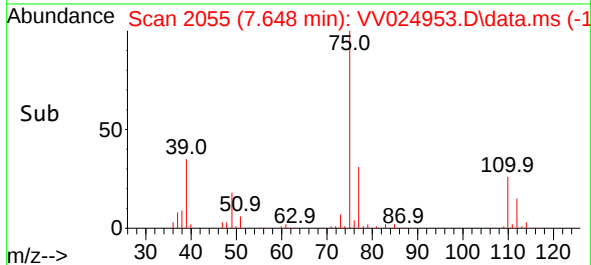
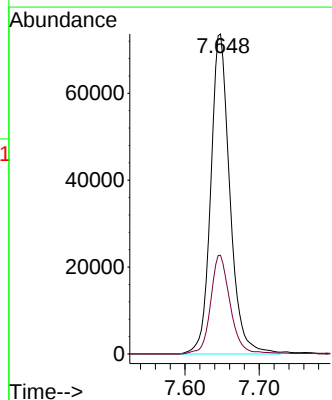
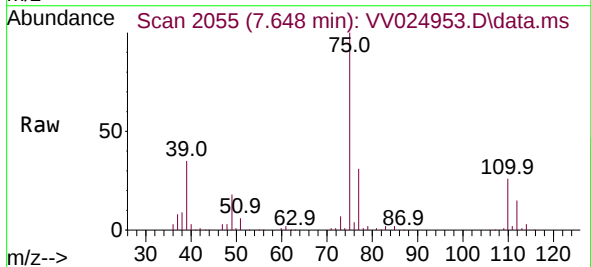
Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

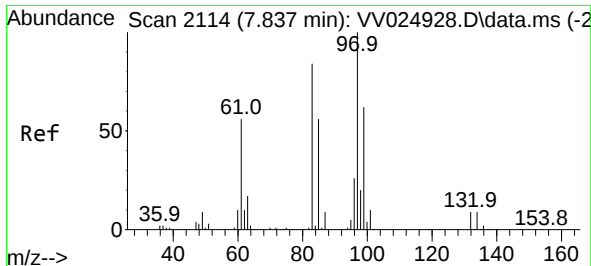
Tgt Ion: 91 Resp: 390925
Ion Ratio Lower Upper
91 100
92 58.1 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 43.826 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion: 75 Resp: 131535
Ion Ratio Lower Upper
75 100
77 30.9 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 44.142 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD050287

Tgt Ion: 97 Resp: 93095

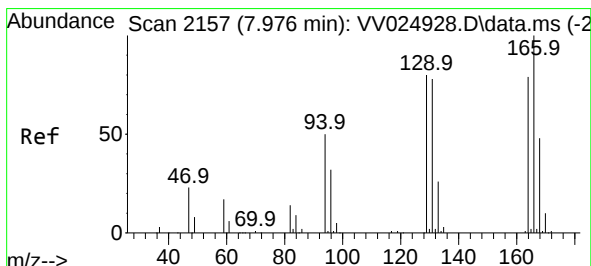
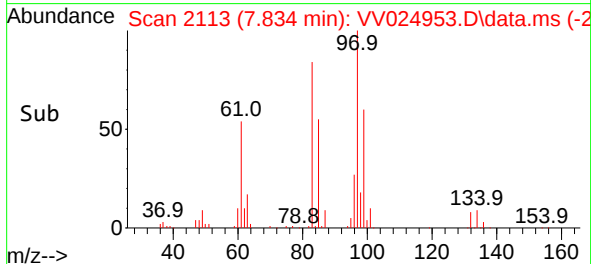
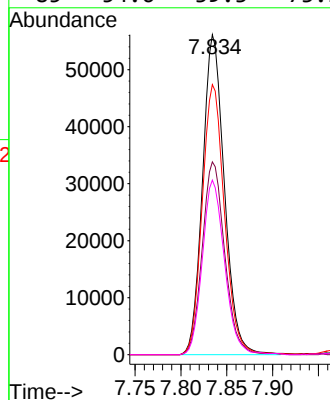
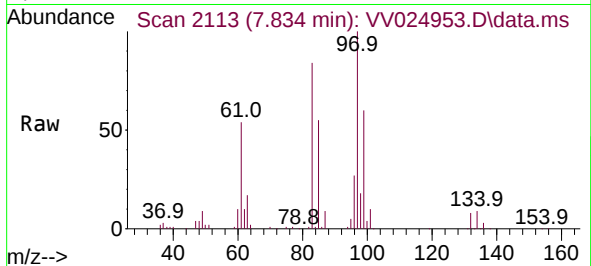
Ion Ratio Lower Upper

97 100

99 60.3 43.9 81.5

83 84.4 61.7 114.5

85 54.6 39.3 73.1



#46

Tetrachloroethene

Concen: 42.956 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

Tgt Ion:164 Resp: 65784

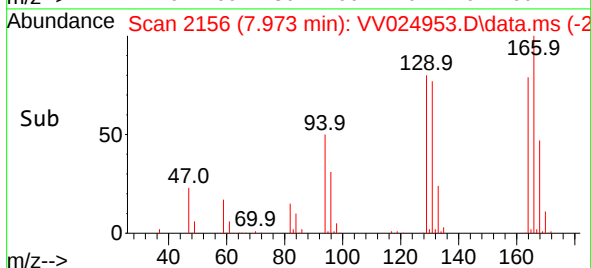
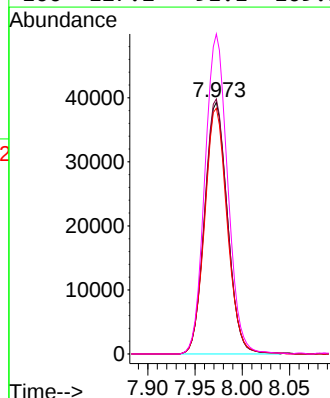
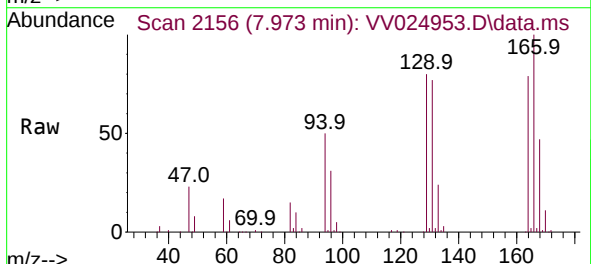
Ion Ratio Lower Upper

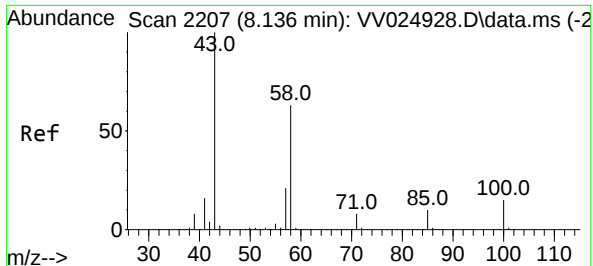
164 100

129 101.3 74.1 137.7

131 97.6 70.1 130.1

166 127.2 91.1 169.1



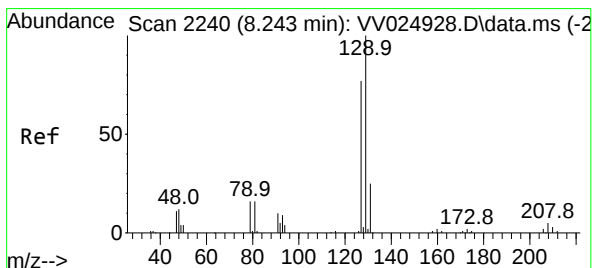
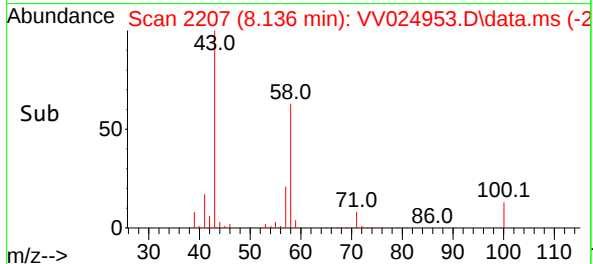
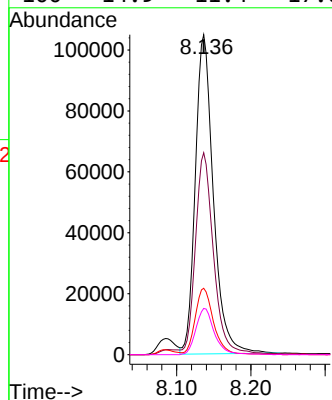
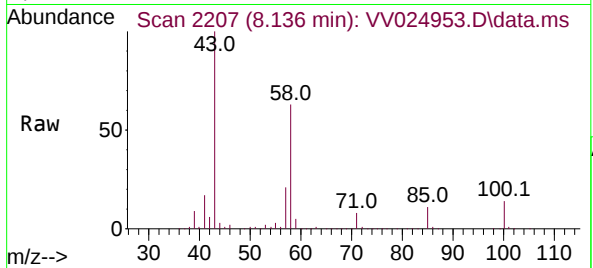


#48
2-Hexanone
Concen: 87.333 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

Tgt Ion: 43 Resp: 177870

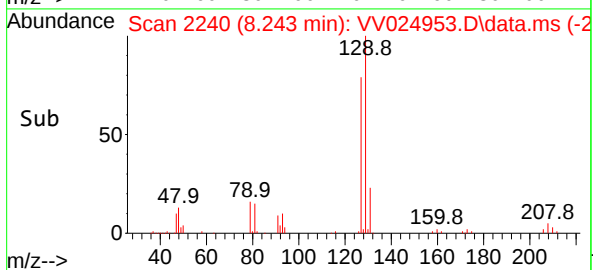
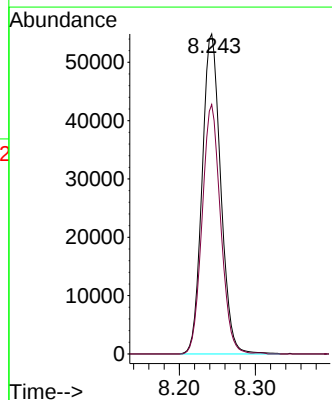
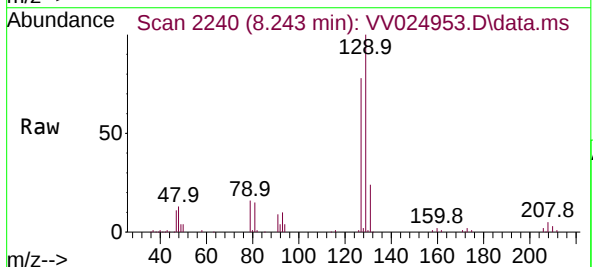
Ion	Ratio	Lower	Upper
43	100		
58	62.5	48.6	72.8
57	20.6	16.5	24.7
100	14.9	11.4	17.0

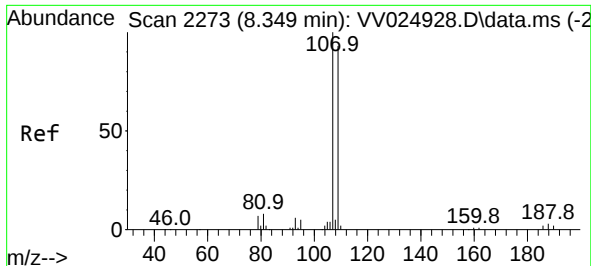


#49
Dibromochloromethane
Concen: 45.740 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion: 129 Resp: 93220

Ion	Ratio	Lower	Upper
129	100		
127	77.9	54.2	100.6





#50

1,2-Dibromoethane

Concen: 44.004 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD050287

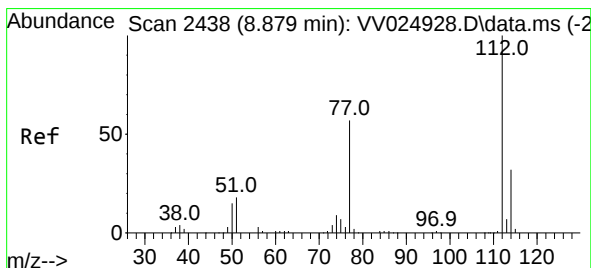
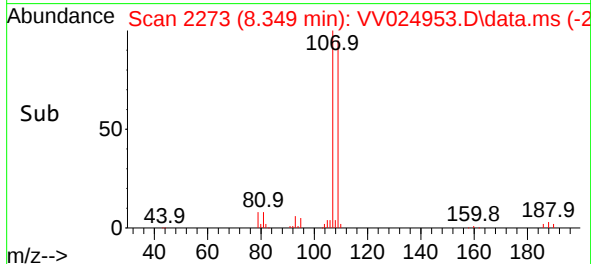
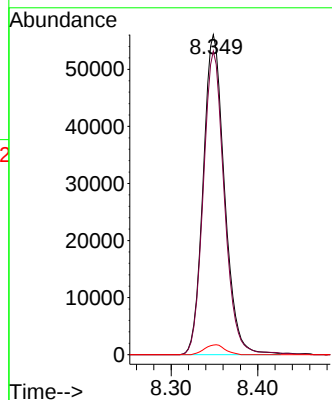
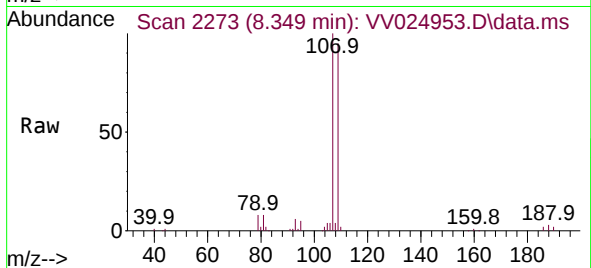
Tgt Ion:107 Resp: 95706

Ion Ratio Lower Upper

107 100

109 94.8 65.6 121.8

188 3.0 2.4 3.6



#51

Chlorobenzene

Concen: 43.244 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

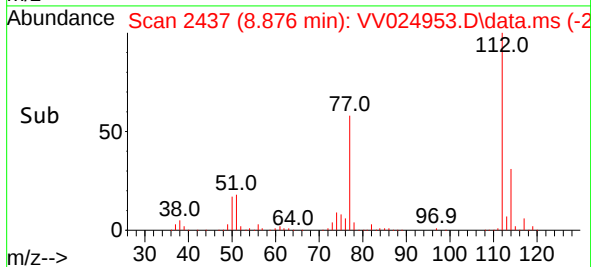
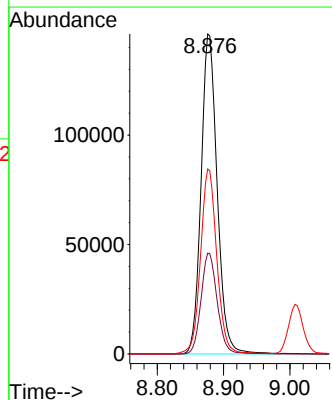
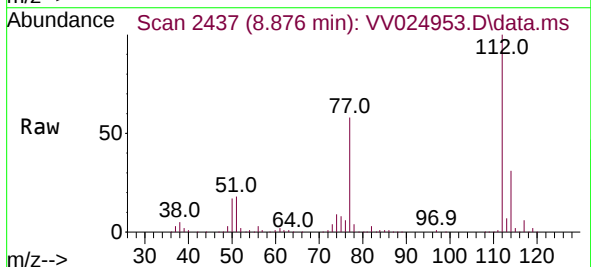
Tgt Ion:112 Resp: 246231

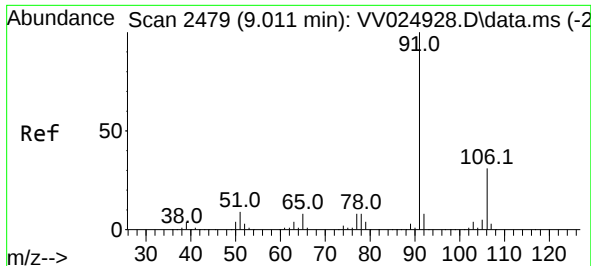
Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.5

77 57.8 46.7 70.1

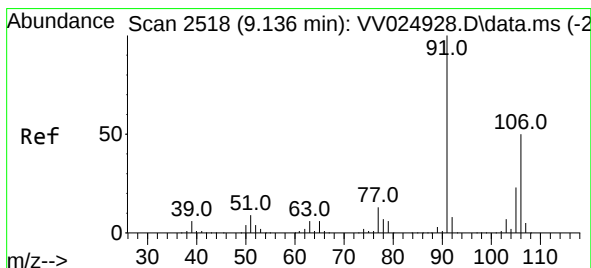
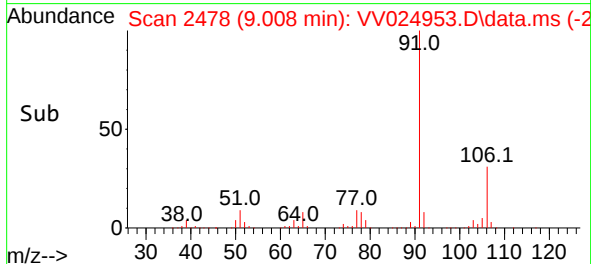
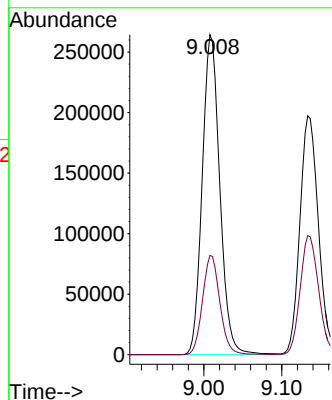
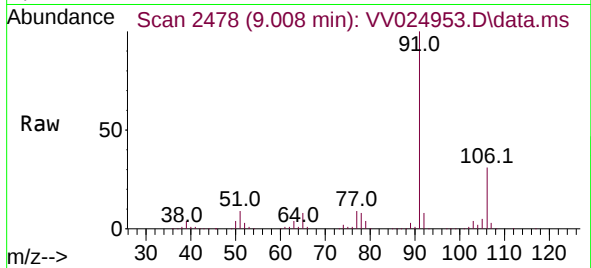




#52
Ethylbenzene
Concen: 43.525 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

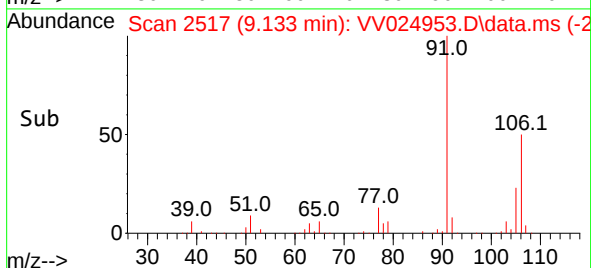
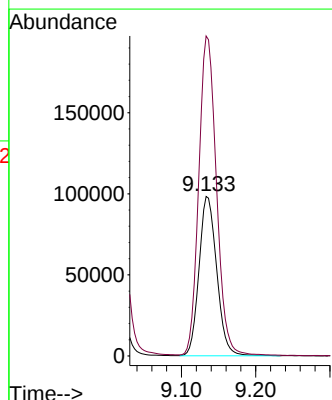
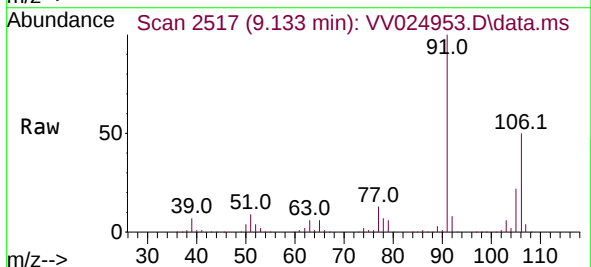
Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

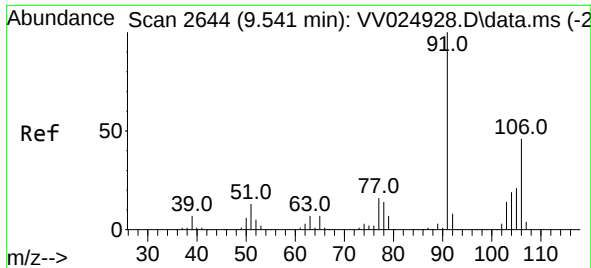
Tgt Ion: 91 Resp: 414352
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.2



#53
m,p-Xylene
Concen: 44.458 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion: 106 Resp: 162627
Ion Ratio Lower Upper
106 100
91 200.6 142.2 264.2

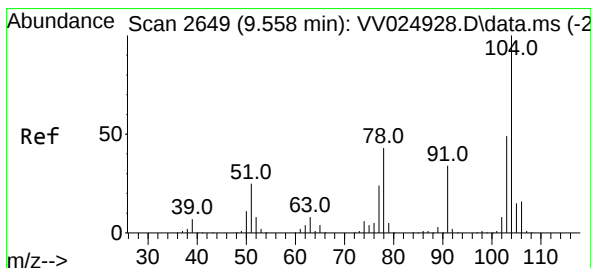
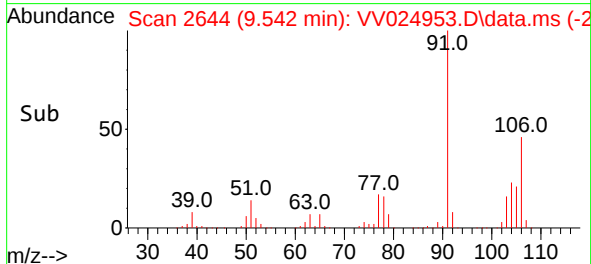
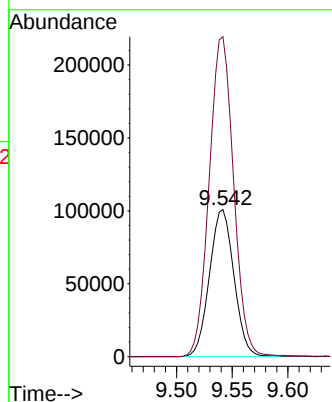
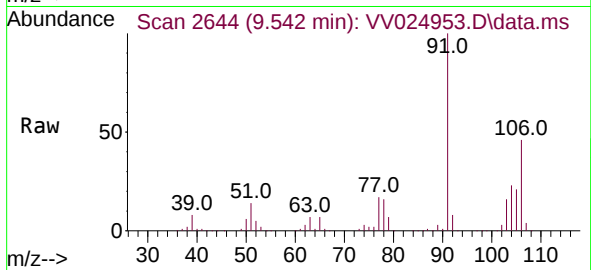




#54
o-Xylene
Concen: 43.636 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

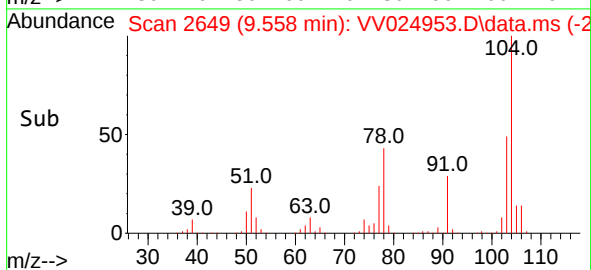
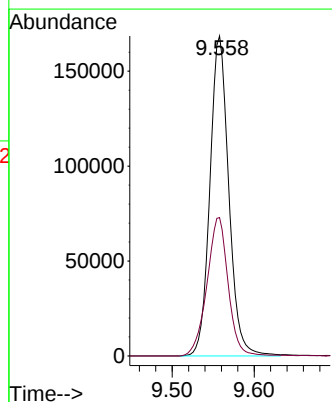
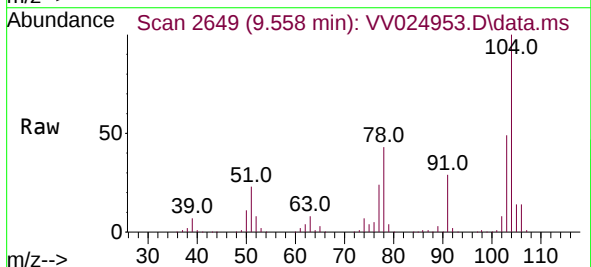
Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

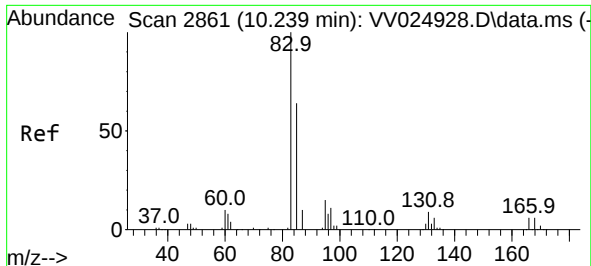
Tgt Ion:106 Resp: 154234
Ion Ratio Lower Upper
106 100
91 217.6 151.6 281.6



#55
Styrene
Concen: 45.058 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion:104 Resp: 270222
Ion Ratio Lower Upper
104 100
78 43.3 30.9 57.3

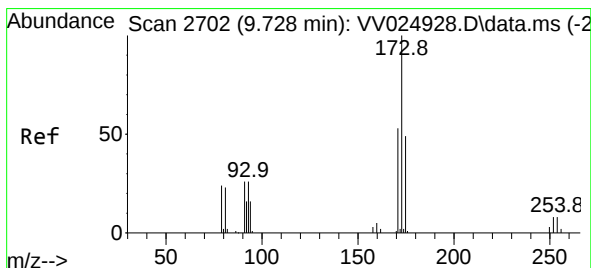
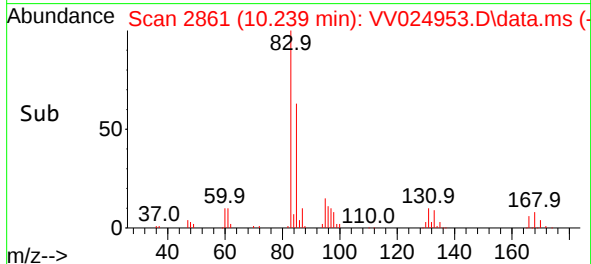
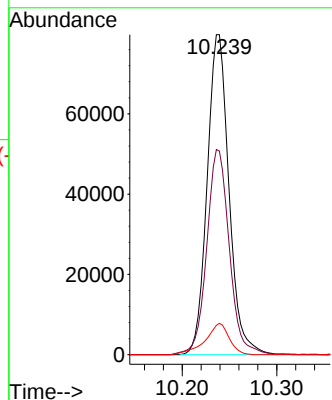
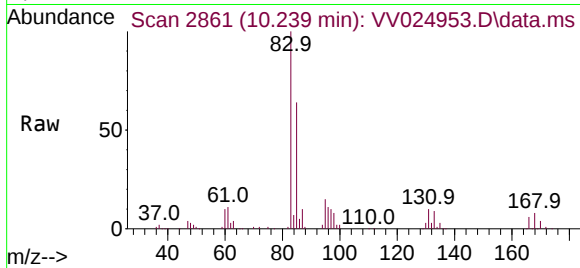




#57
1,1,2,2-Tetrachloroethane
Concen: 43.402 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

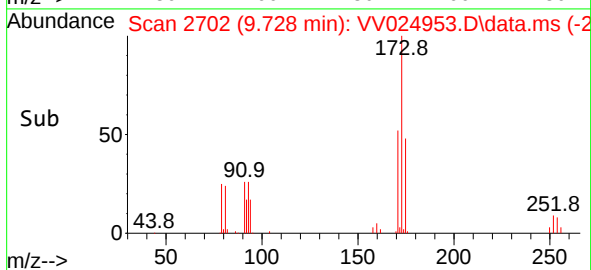
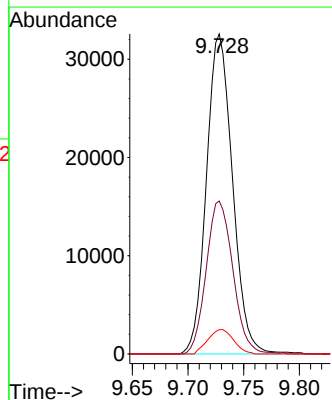
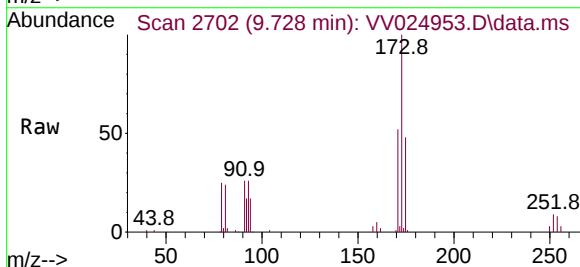
Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

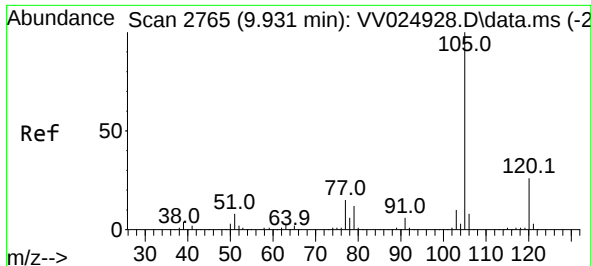
Tgt Ion: 83 Resp: 128030
Ion Ratio Lower Upper
83 100
85 63.7 44.2 82.2
131 9.8 7.0 10.4



#59
Bromoform
Concen: 44.867 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion: 173 Resp: 52971
Ion Ratio Lower Upper
173 100
175 48.9 37.9 56.9
254 7.6 6.2 9.4

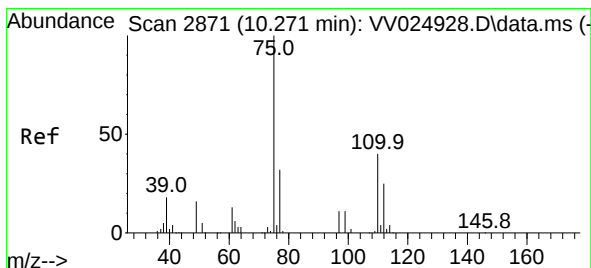
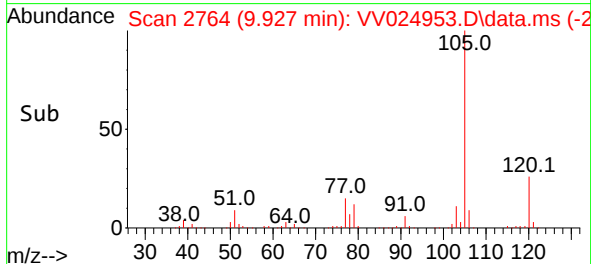
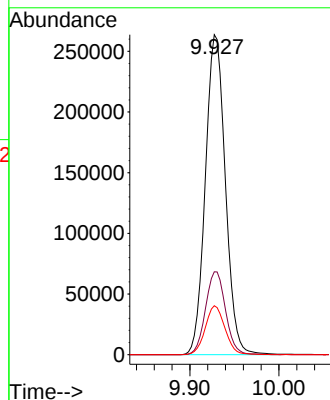
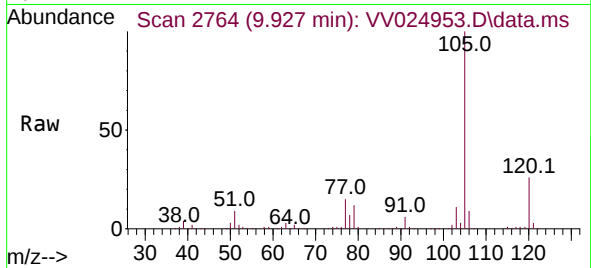




#60
Isopropylbenzene
Concen: 43.732 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

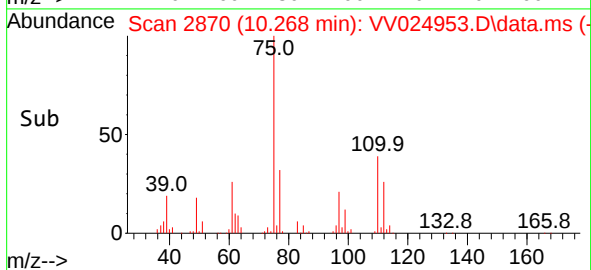
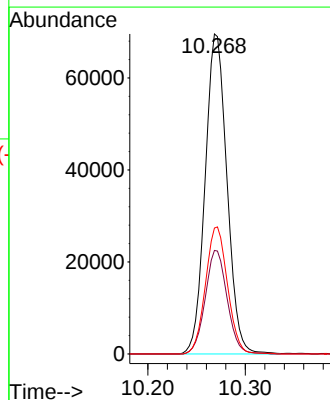
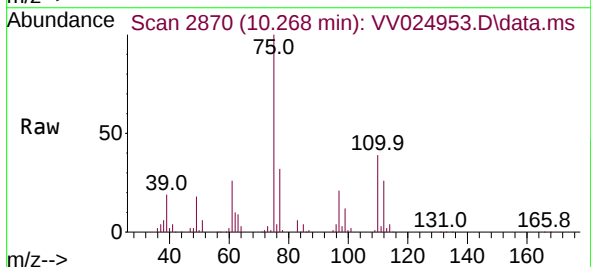
Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

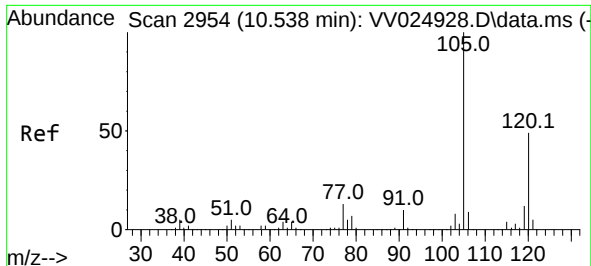
Tgt Ion:105 Resp: 411614
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 15.1 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 41.742 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion: 75 Resp: 108247
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
110 40.1 31.4 47.2





#62

1,3,5-Trimethylbenzene

Concen: 43.648 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

Instrument :

MSVOA_V

ClientSampleId :

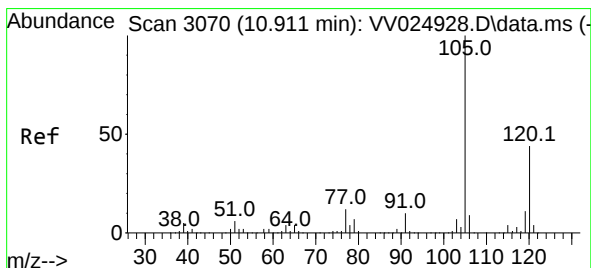
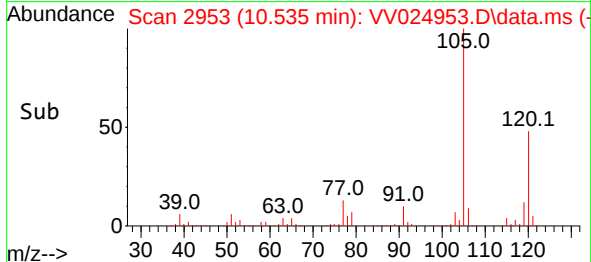
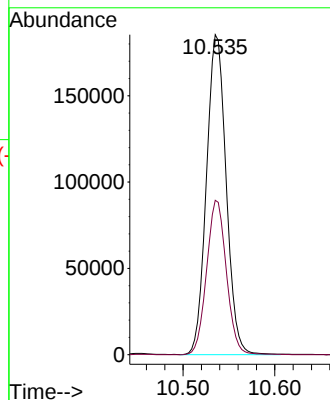
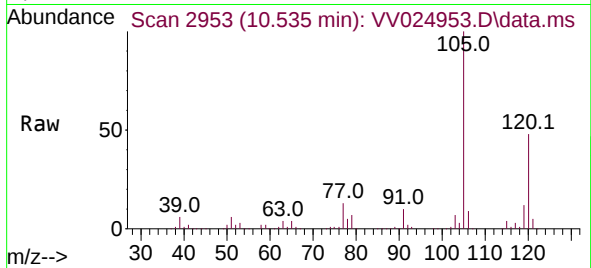
VSTD050287

Tgt Ion:105 Resp: 277183

Ion Ratio Lower Upper

105 100

120 48.4 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 44.617 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024953.D

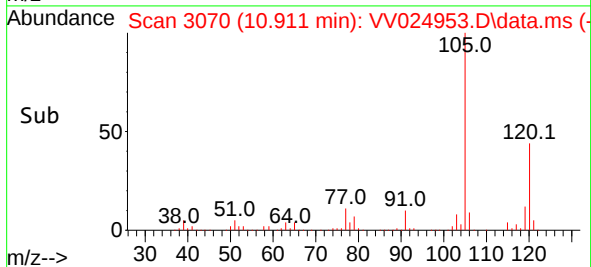
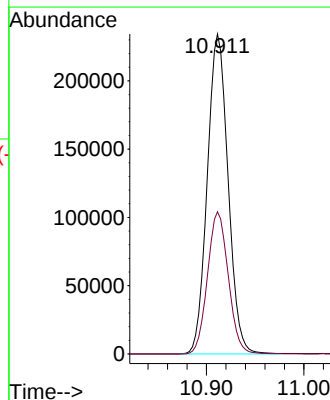
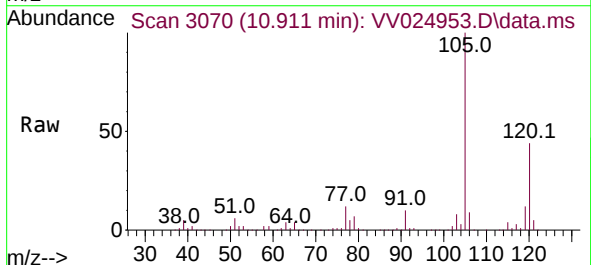
Acq: 11 Mar 2022 09:13

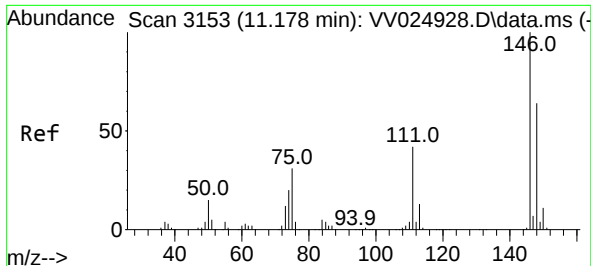
Tgt Ion:105 Resp: 347278

Ion Ratio Lower Upper

105 100

120 44.4 36.1 54.1

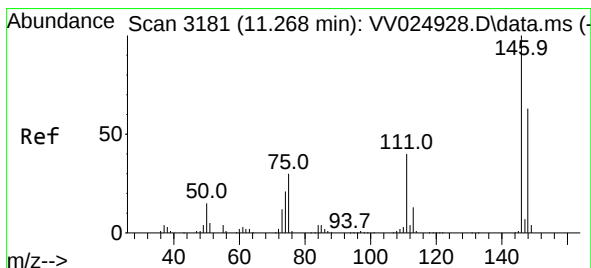
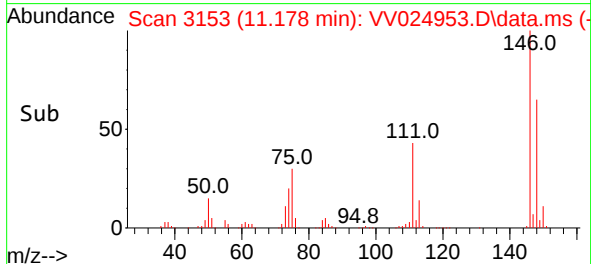
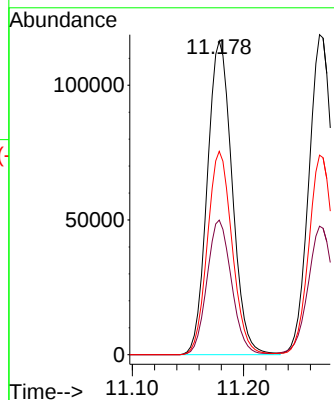
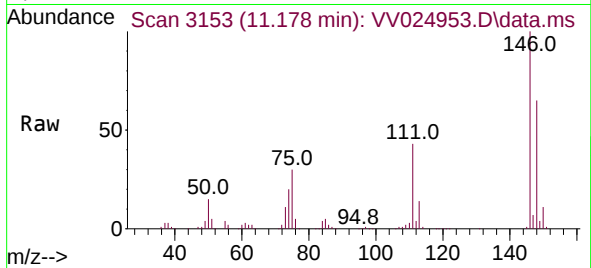




#64
1,3-Dichlorobenzene
Concen: 43.739 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

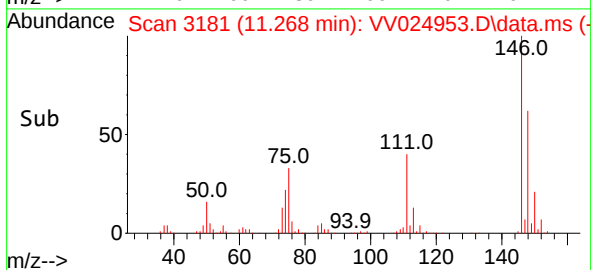
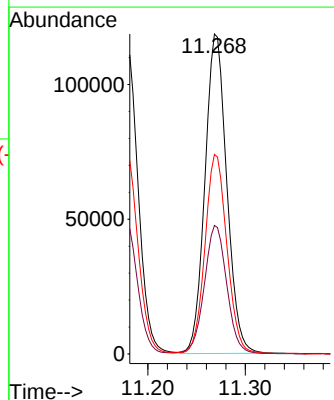
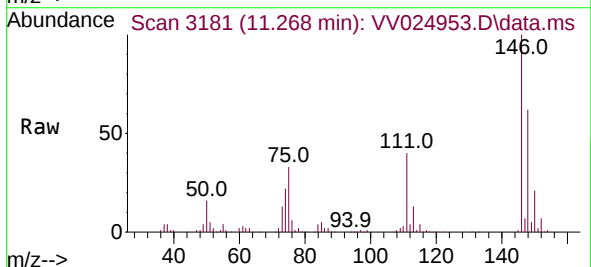
Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

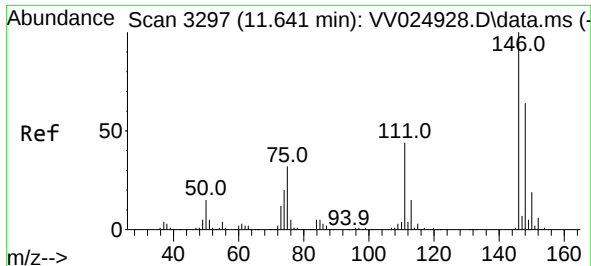
Tgt Ion:146 Resp: 180650
Ion Ratio Lower Upper
146 100
111 42.9 29.7 55.1
148 64.8 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 43.626 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion:146 Resp: 184469
Ion Ratio Lower Upper
146 100
111 40.1 28.6 53.0
148 62.3 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 43.531 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD050287

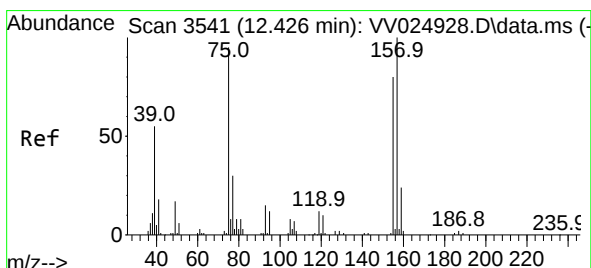
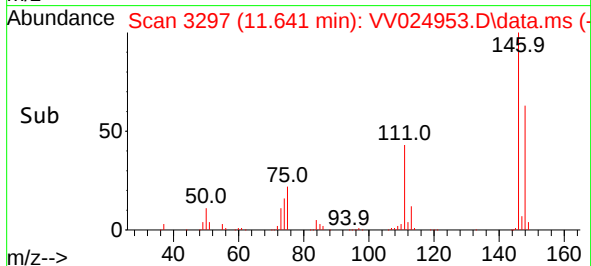
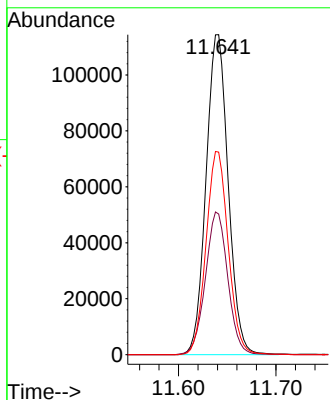
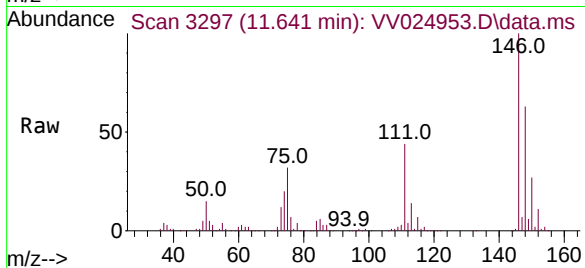
Tgt Ion:146 Resp: 180944

Ion Ratio Lower Upper

146 100

111 44.0 34.9 52.3

148 63.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 40.481 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024953.D

Acq: 11 Mar 2022 09:13

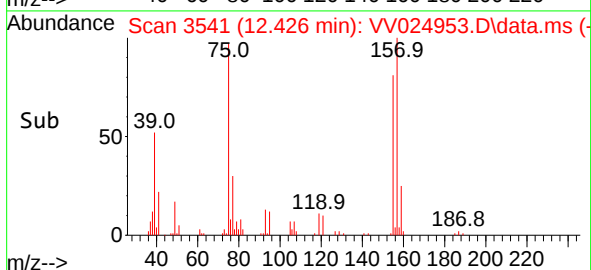
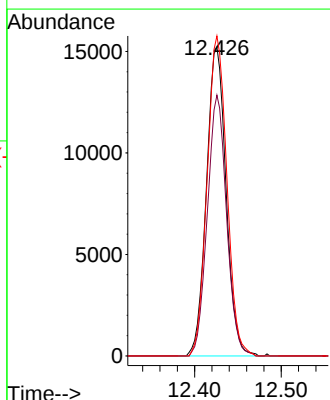
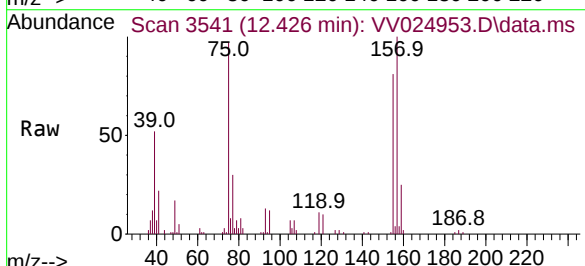
Tgt Ion: 75 Resp: 23965

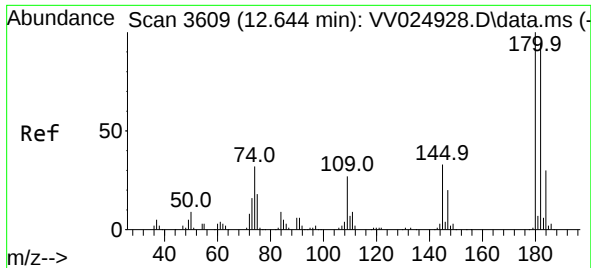
Ion Ratio Lower Upper

75 100

155 84.4 63.8 95.8

157 103.6 79.3 118.9

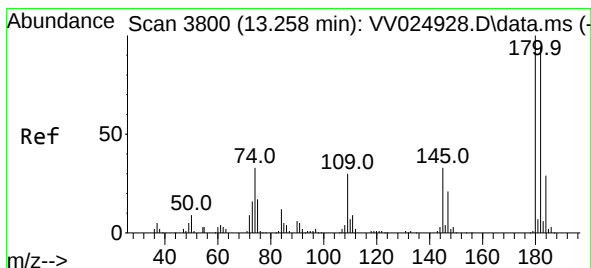
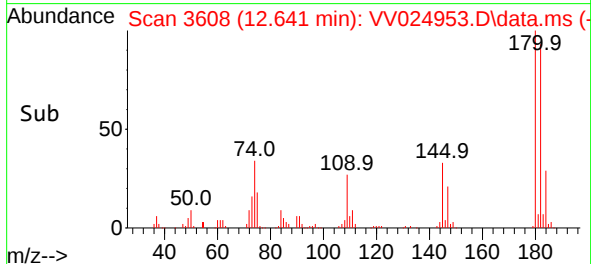
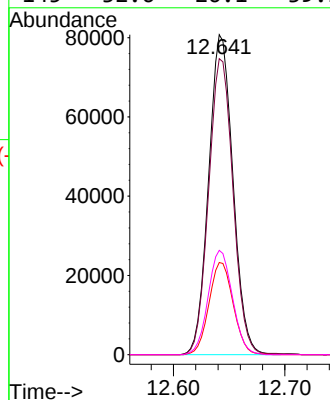
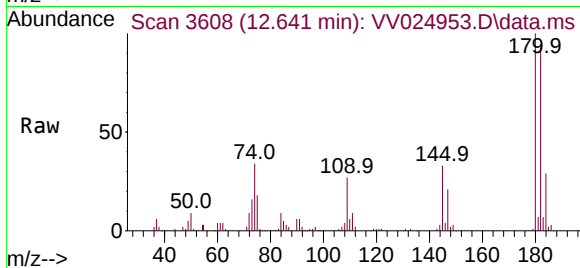




#69
 1,3,5-Trichlorobenzene
 Concen: 43.928 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV024953.D
 Acq: 11 Mar 2022 09:13

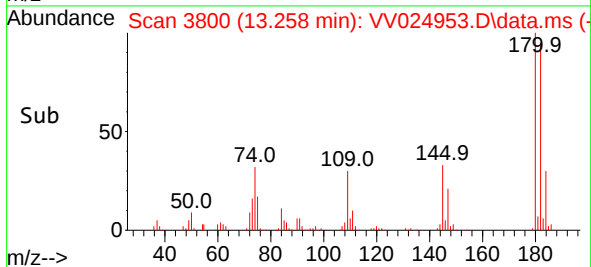
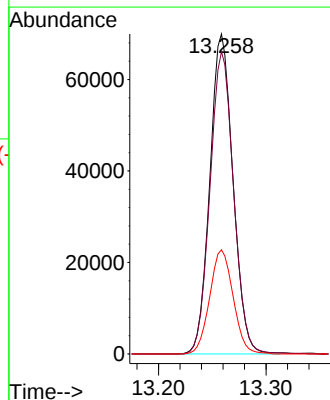
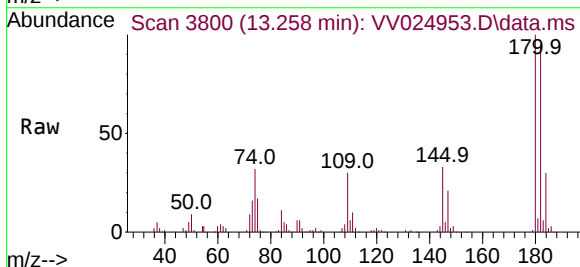
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050287

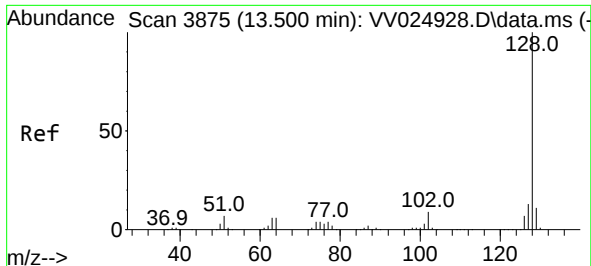
Tgt Ion:180	Resp:	122470
Ion Ratio	Lower	Upper
180	100	
182	92.7	75.1 112.7
184	28.7	23.9 35.9
145	32.6	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 43.070 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024953.D
 Acq: 11 Mar 2022 09:13

Tgt Ion:180	Resp:	104621
Ion Ratio	Lower	Upper
180	100	
182	96.1	76.0 114.0
145	33.0	27.6 41.4

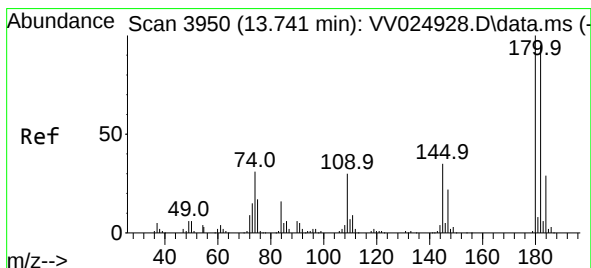
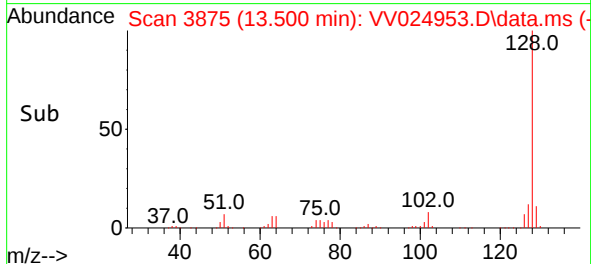
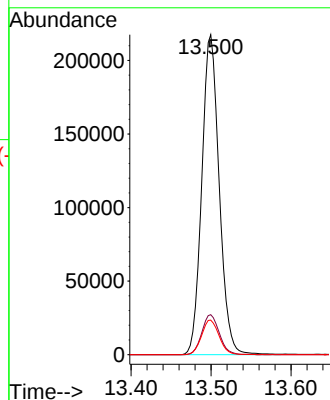
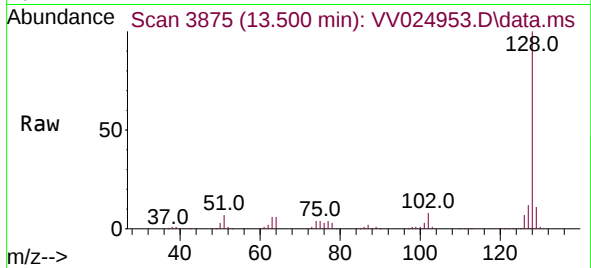




#71
Naphthalene
Concen: 41.939 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

Tgt Ion:128 Resp: 330074
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 43.419 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024953.D
Acq: 11 Mar 2022 09:13

Tgt Ion:180 Resp: 104002
Ion Ratio Lower Upper
180 100
182 93.9 75.9 113.9
145 36.4 28.7 43.1

