

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051022\
 Data File : VW025859.D
 Acq On : 10 May 2022 12:13
 Operator : SY/MD
 Sample : VSTD10016
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100216

Quant Time: May 11 03:19:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 03:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	251677	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	258937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	151152	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	402872	124.032	ug/L	0.00
7) Chloroethane-d5	1.571	69	351961	123.389	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	681270	119.924	ug/L	0.00
21) 2-Butanone-d5	3.886	46	360146	256.809	ug/L	0.00
24) Chloroform-d	4.349	84	565022	124.542	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	344116	125.504	ug/L	0.00
32) Benzene-d6	5.050	84	1163496	128.891	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	352481	127.134	ug/L	0.00
41) Toluene-d8	7.313	98	1100367	132.301	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	166938	134.885	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	284500	275.543	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	460251	124.482	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	413715	124.777	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	272533	104.735	ug/L	100
3) Chloromethane	1.243	50	321376	102.121	ug/L	99
5) Vinyl chloride	1.314	62	335581	104.887	ug/L	100
6) Bromomethane	1.526	94	201884	103.842	ug/L	99
8) Chloroethane	1.587	64	250415	104.803	ug/L	99
9) Trichlorofluoromethane	1.754	101	481587	105.918	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	255323	105.692	ug/L	99
12) 1,1-Dichloroethene	2.121	96	250549	105.452	ug/L	96
13) Acetone	2.182	43	187031	196.860	ug/L	99
14) Carbon disulfide	2.294	76	632924	107.697	ug/L	100
15) Methyl Acetate	2.436	43	205899	101.161	ug/L	100
16) Methylene chloride	2.510	84	238405	103.592	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	220880	108.205	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	661219	111.375	ug/L	99
19) 1,1-Dichloroethane	3.191	63	403802	105.908	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	244731	111.070	ug/L	100
22) 2-Butanone	3.969	43	280814	225.349	ug/L	97
23) Bromochloromethane	4.249	128	124490	106.966	ug/L	97
25) Chloroform	4.375	83	422819	104.651	ug/L	99
27) 1,2-Dichloroethane	5.130	62	326320	106.828	ug/L	100
29) Cyclohexane	4.680	56	364261	116.198	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	371690	105.695	ug/L	98
31) Carbon tetrachloride	4.828	117	314330	106.466	ug/L	100
33) Benzene	5.098	78	959803	110.085	ug/L	100
34) Trichloroethene	5.912	95	248001	108.751	ug/L	98
35) Methylcyclohexane	6.130	83	399979	117.110	ug/L	98
37) 1,2-Dichloropropane	6.172	63	242256	110.610	ug/L	99
38) Bromodichloromethane	6.506	83	321310	108.486	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	377456	120.852	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	572586	223.655	ug/L	99
42) Toluene	7.387	91	1054900	112.786	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	354158	117.864	ug/L	99

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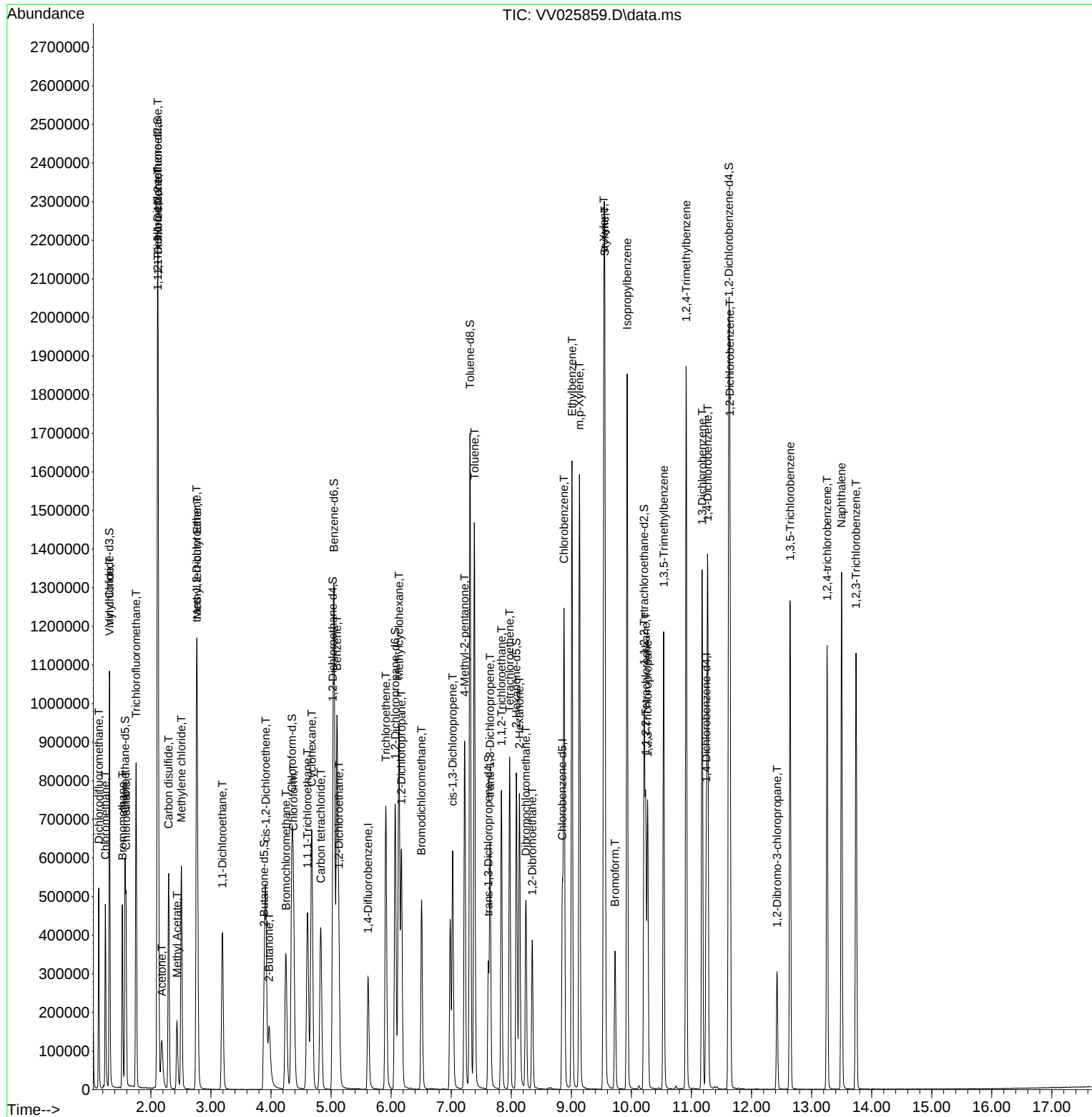
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 Quant Title : VOC Analysis
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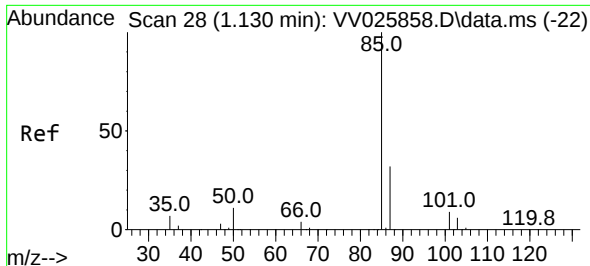
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	234532	105.389	ug/L	97
46) Tetrachloroethene	7.973	164	182852	108.701	ug/L	97
48) 2-Hexanone	8.137	43	455354	228.595	ug/L	99
49) Dibromochloromethane	8.243	129	246808	112.436	ug/L	99
50) 1,2-Dibromoethane	8.349	107	243339	107.527	ug/L	97
51) Chlorobenzene	8.879	112	653074	109.040	ug/L	99
52) Ethylbenzene	9.011	91	1122996	116.378	ug/L	99
53) m,p-Xylene	9.136	106	441029	117.833	ug/L	97
54) o-Xylene	9.542	106	433392	117.877	ug/L	99
55) Styrene	9.558	104	766312	119.617	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	350459	105.548	ug/L	100
59) Bromoform	9.728	173	152620	104.671	ug/L	98
60) Isopropylbenzene	9.931	105	1144480	113.039	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	295121	98.643	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	610591	117.000	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	963009	118.933	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	517936	108.072	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	526851	104.900	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	529825	106.882	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	73503	106.351	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	365920	110.581	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	320131	113.610	ug/L	99
71) Naphthalene	13.500	128	991718	118.840	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	323398	112.625	ug/L	99

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

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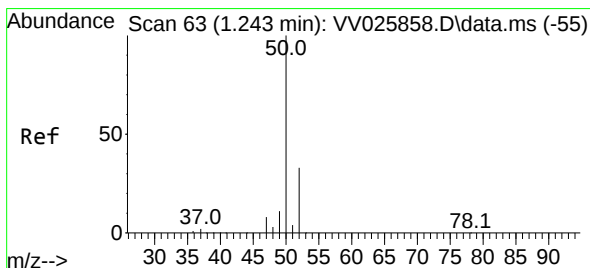
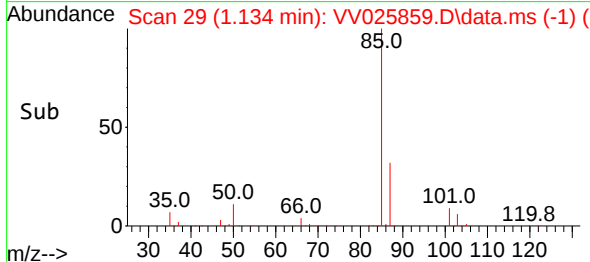
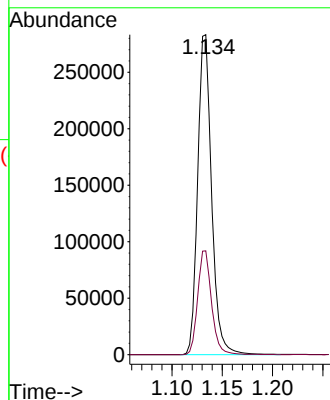
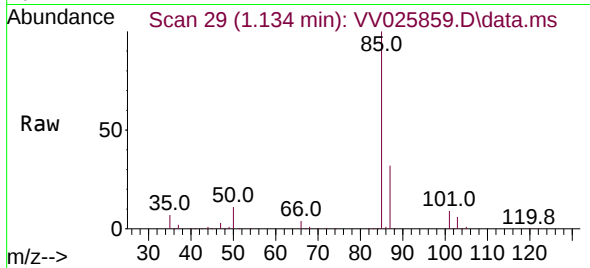




#2
 Dichlorodifluoromethane
 Concen: 104.735 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VV025859.D
 Acq: 10 May 2022 12:13

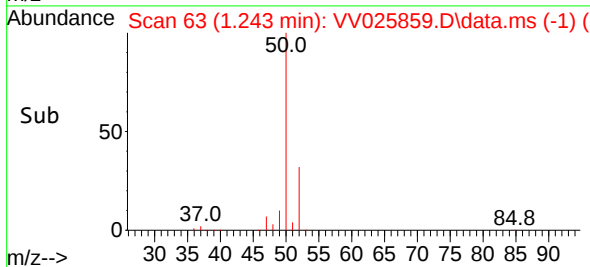
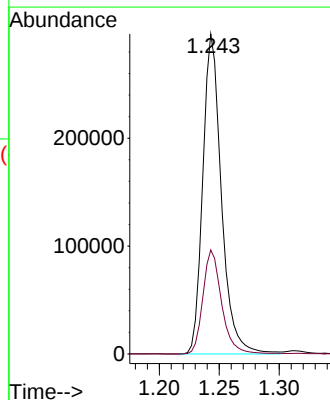
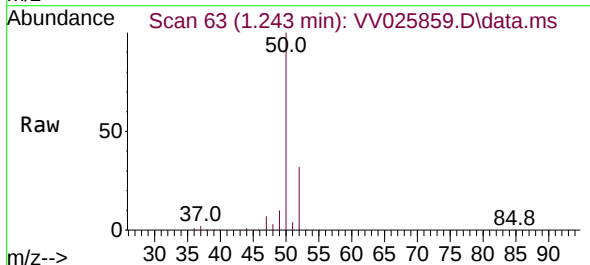
Instrument :
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 VSTD100216

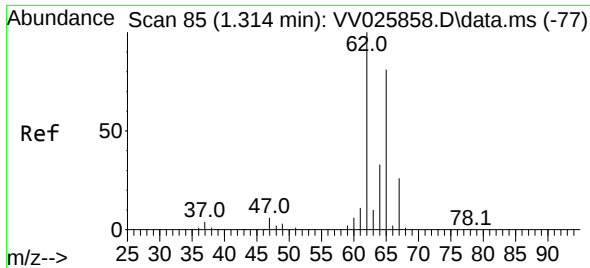
Tgt Ion: 85 Resp: 272533
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 102.121 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025859.D
 Acq: 10 May 2022 12:13

Tgt Ion: 50 Resp: 321376
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.2 43.2

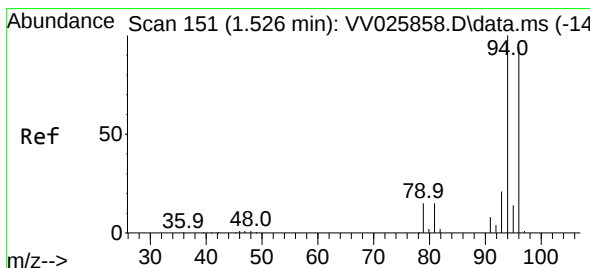
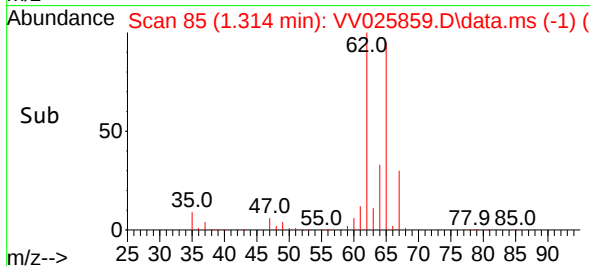
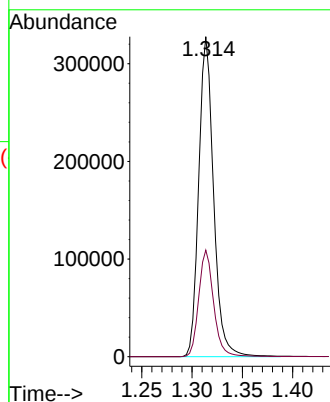
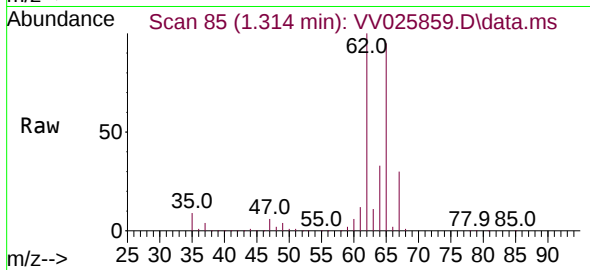




#5
 Vinyl chloride
 Concen: 104.887 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025859.D
 Acq: 10 May 2022 12:13

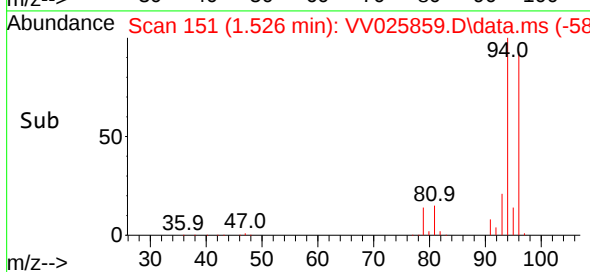
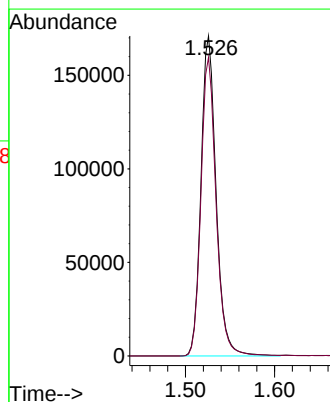
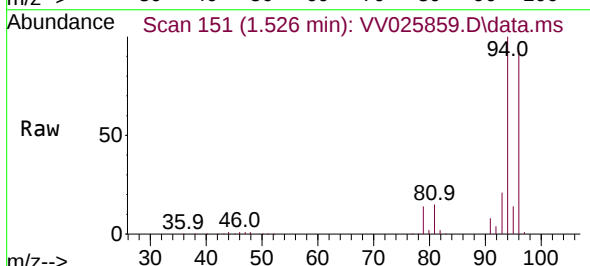
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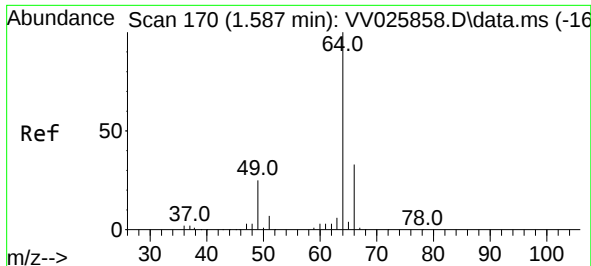
Tgt Ion: 62 Resp: 335581
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.0



#6
 Bromomethane
 Concen: 103.842 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025859.D
 Acq: 10 May 2022 12:13

Tgt Ion: 94 Resp: 201884
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.9 122.3

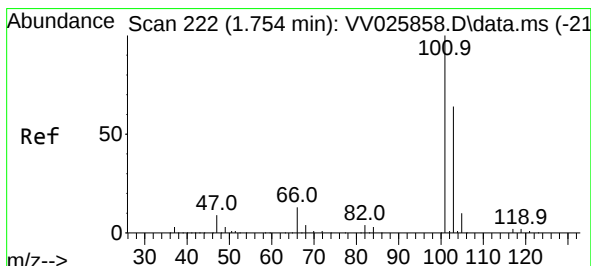
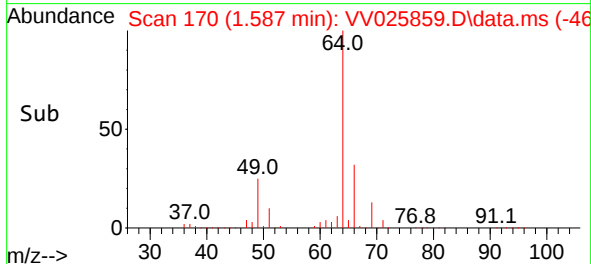
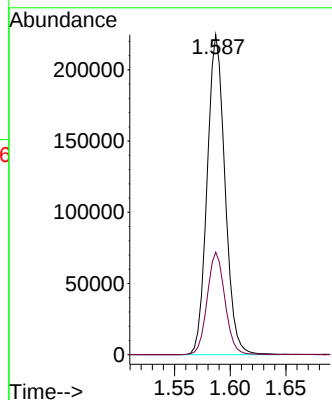
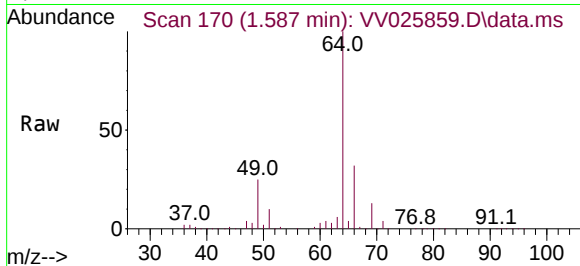




#8
Chloroethane
Concen: 104.803 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

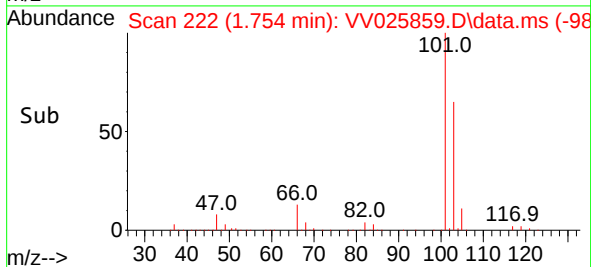
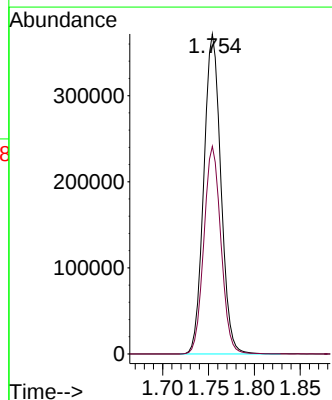
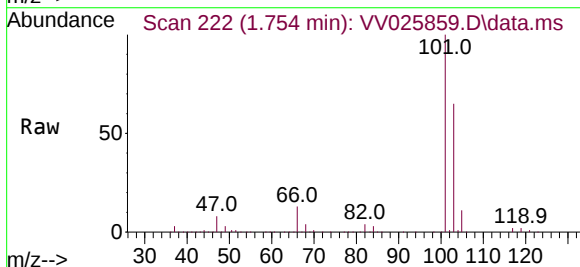
Instrument :
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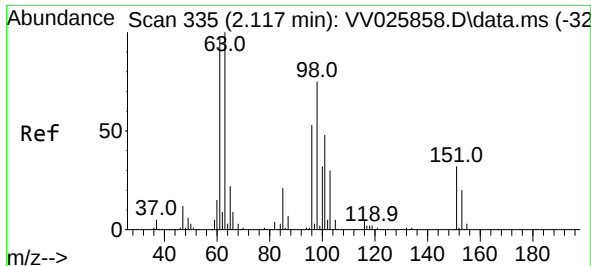
Tgt Ion: 64 Resp: 250415
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 105.918 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion:101 Resp: 481587
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

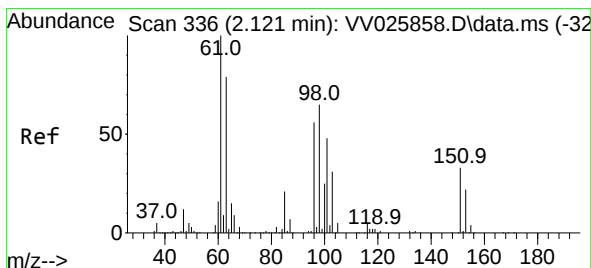
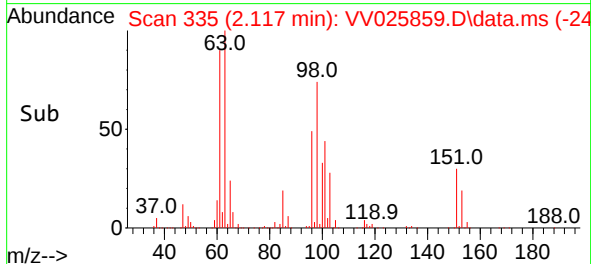
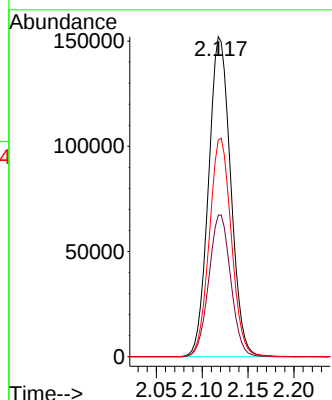
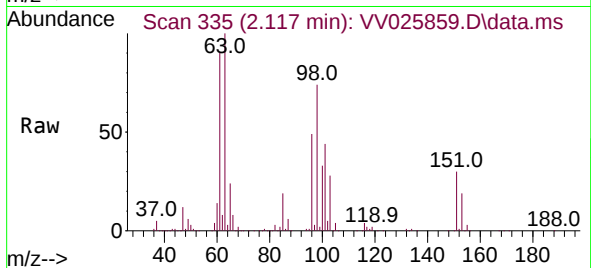




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 105.692 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV025859.D
 Acq: 10 May 2022 12:13

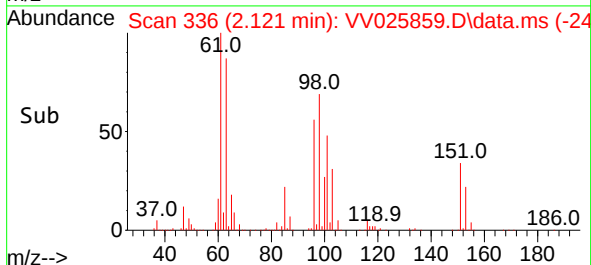
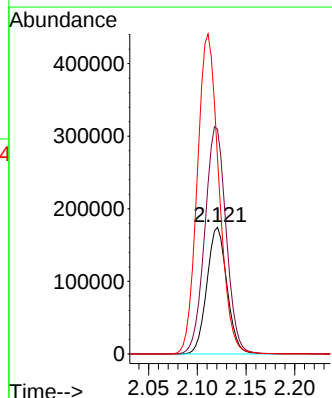
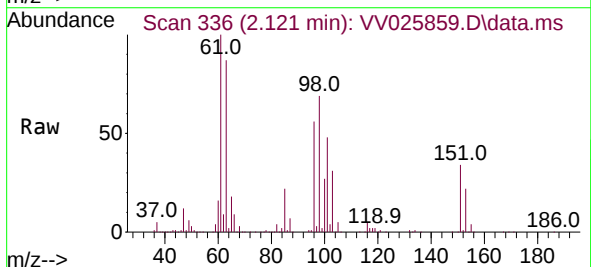
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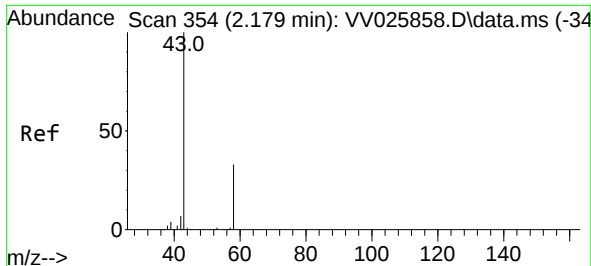
Tgt Ion:101 Resp: 255323
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.6 51.8
 151 68.0 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 105.452 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025859.D
 Acq: 10 May 2022 12:13

Tgt Ion: 96 Resp: 250549
 Ion Ratio Lower Upper
 96 100
 61 177.5 124.6 231.4
 63 154.7 101.6 188.6





#13

Acetone

Concen: 196.860 ug/L

RT: 2.182 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

Instrument :

MSVOA_V

ClientSampleId :

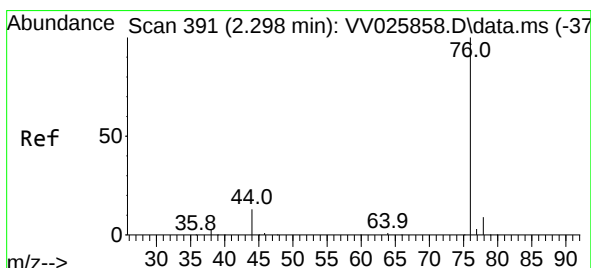
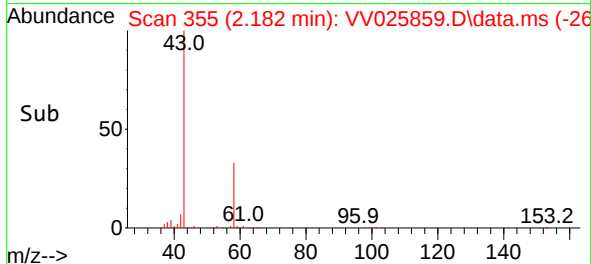
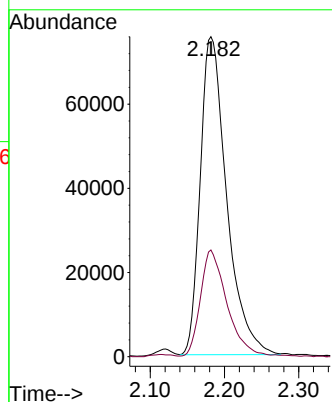
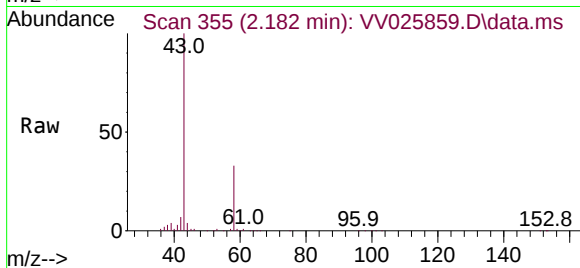
VSTD100216

Tgt Ion: 43 Resp: 187031

Ion Ratio Lower Upper

43 100

58 33.1 0.0 65.0



#14

Carbon disulfide

Concen: 107.697 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV025859.D

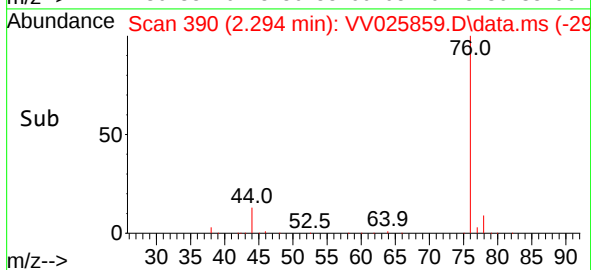
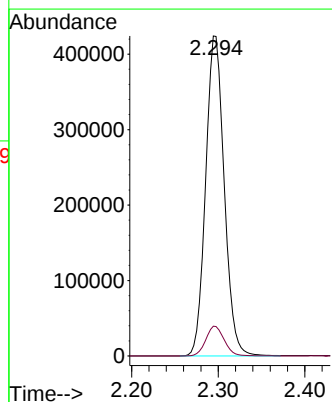
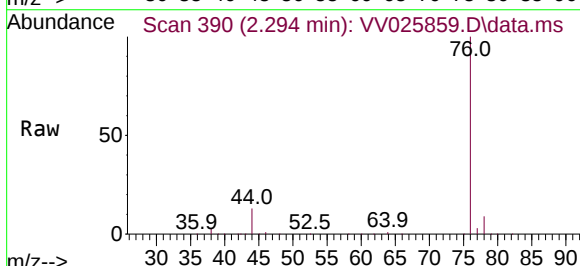
Acq: 10 May 2022 12:13

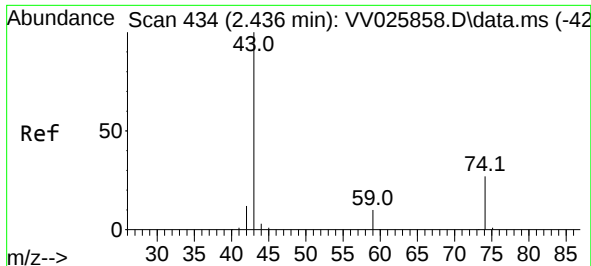
Tgt Ion: 76 Resp: 632924

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

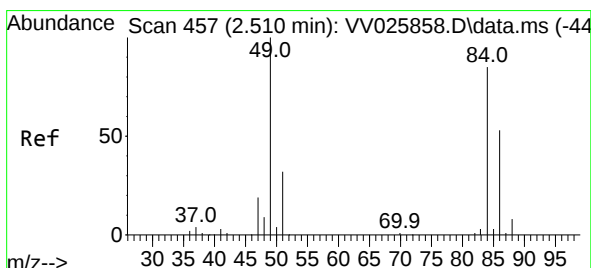
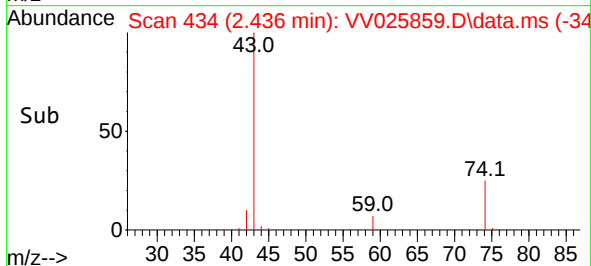
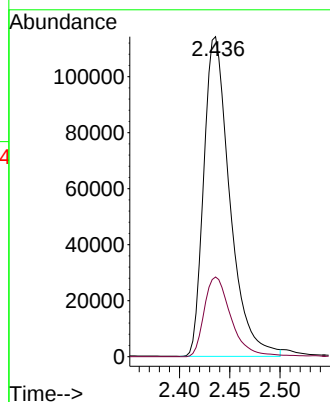
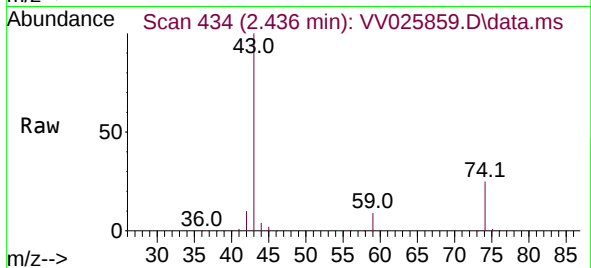




#15
Methyl Acetate
Concen: 101.161 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

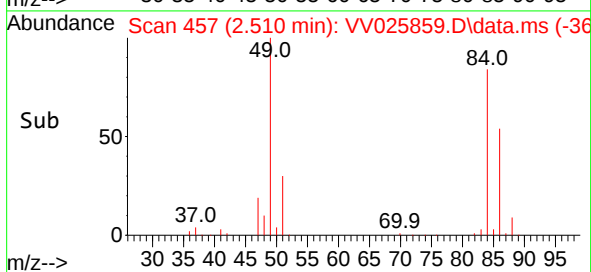
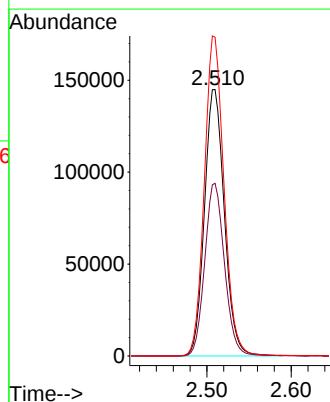
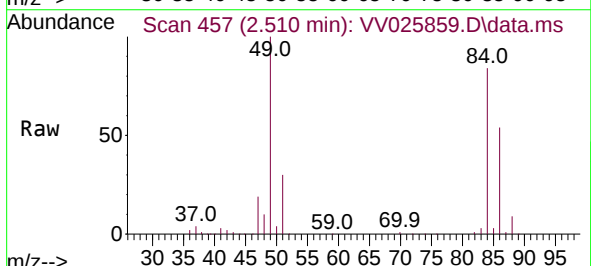
Instrument :
MSVOA_V
ClientSampleId :
VSTD100216

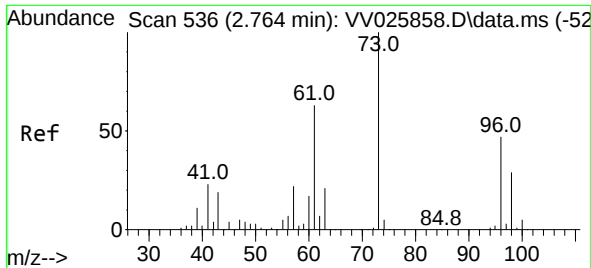
Tgt Ion: 43 Resp: 205899
Ion Ratio Lower Upper
43 100
74 25.8 20.7 31.1



#16
Methylene chloride
Concen: 103.592 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion: 84 Resp: 238405
Ion Ratio Lower Upper
84 100
86 64.8 44.2 82.0
49 119.7 82.7 153.5

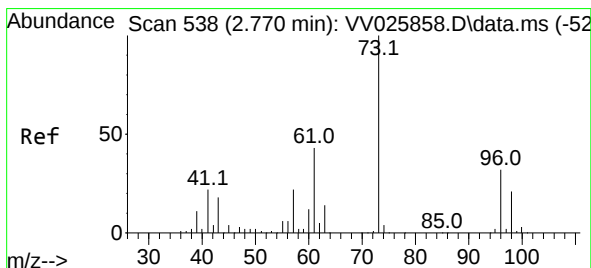
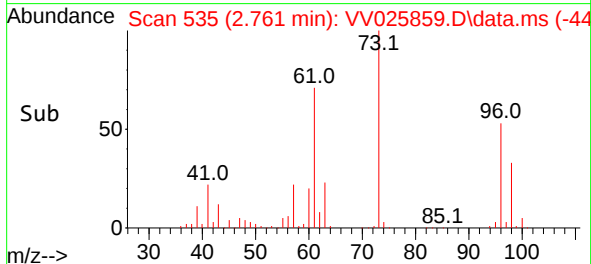
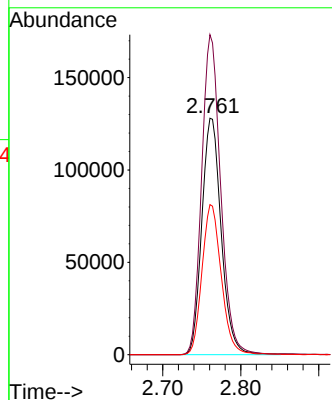
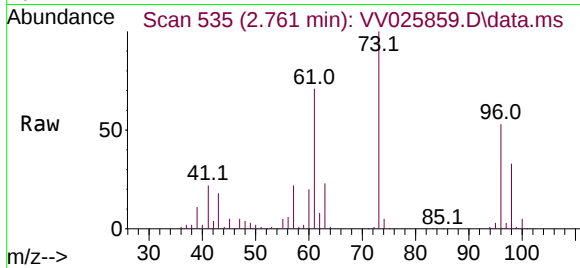




#17
trans-1,2-Dichloroethene
Concen: 108.205 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

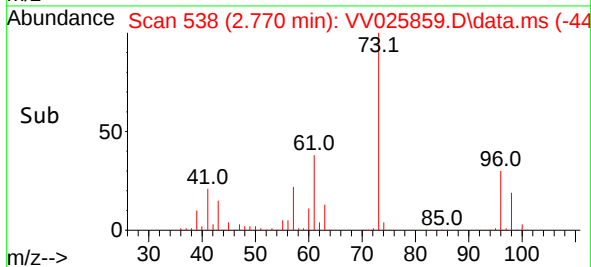
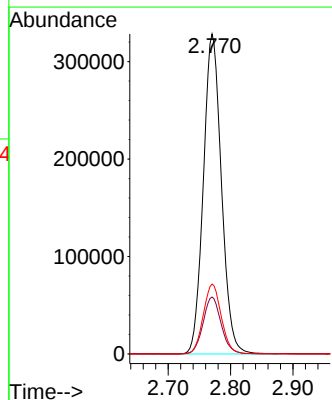
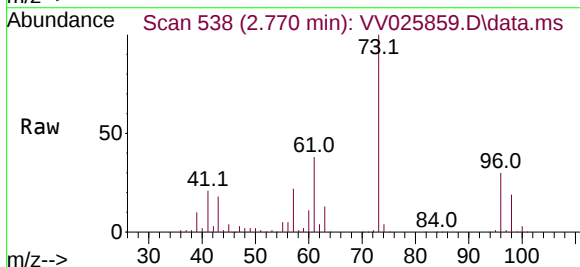
Instrument :
MSVOA_V
ClientSampleId :
VSTD100216

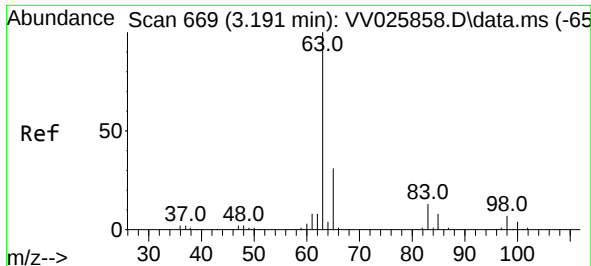
Tgt Ion: 96 Resp: 220880
Ion Ratio Lower Upper
96 100
61 135.3 92.7 172.1
98 63.5 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 111.375 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion: 73 Resp: 661219
Ion Ratio Lower Upper
73 100
43 17.8 14.6 22.0
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 105.908 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD100216

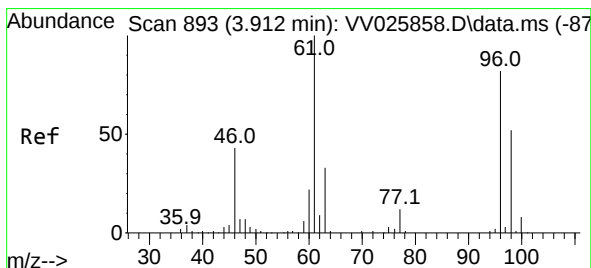
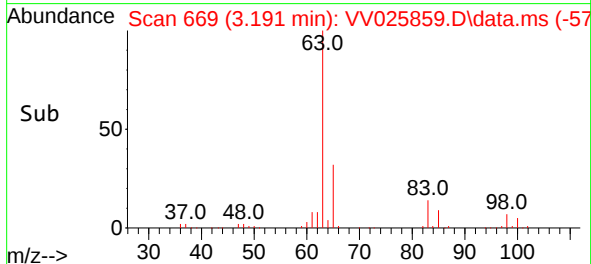
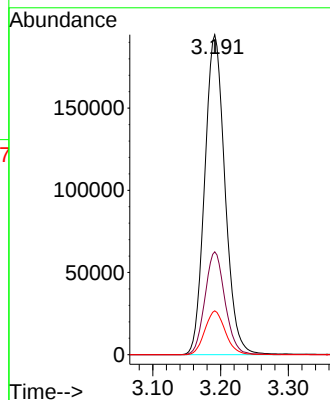
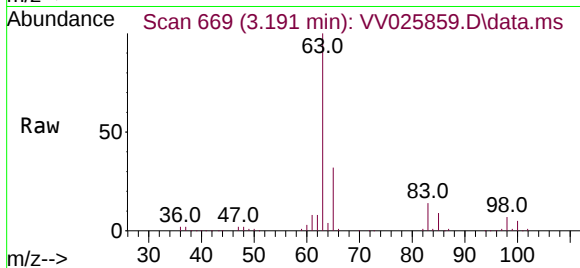
Tgt Ion: 63 Resp: 403802

Ion Ratio Lower Upper

63 100

65 32.1 22.0 40.8

83 13.7 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 111.070 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.000 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

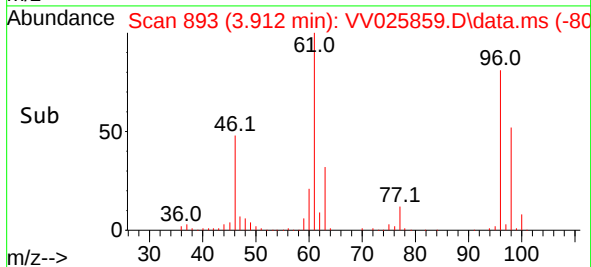
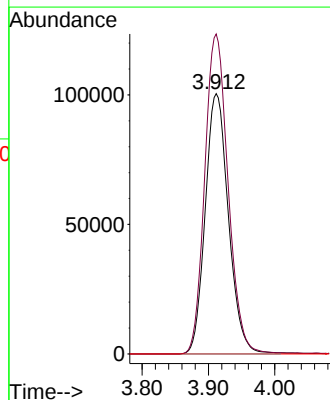
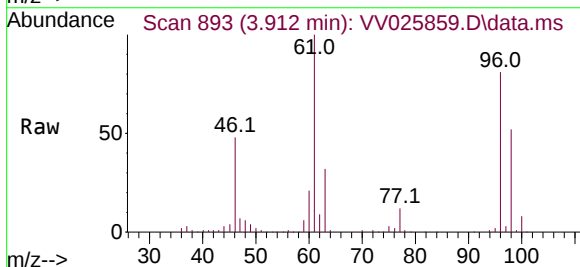
Tgt Ion: 96 Resp: 244731

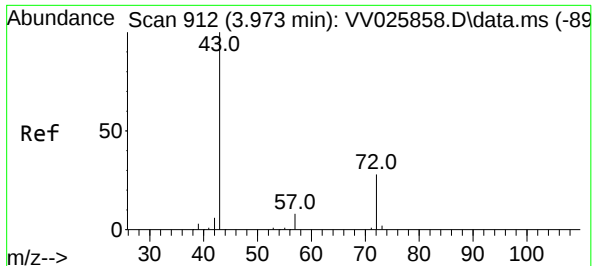
Ion Ratio Lower Upper

96 100

61 122.9 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 225.349 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.003 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

Instrument :

MSVOA_V

ClientSampleId :

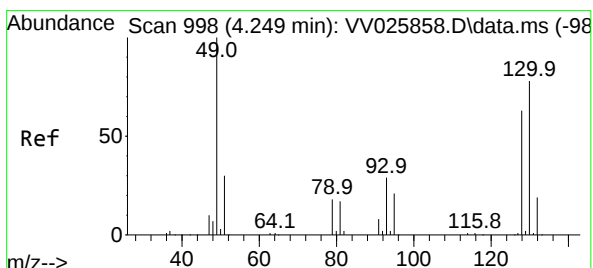
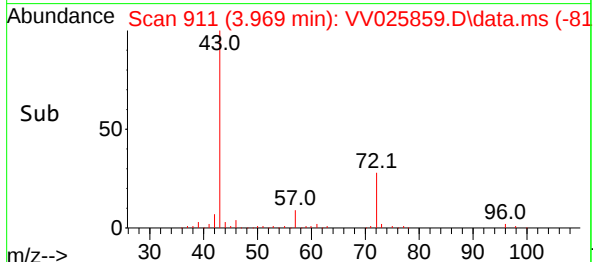
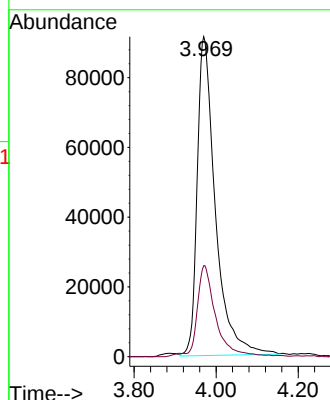
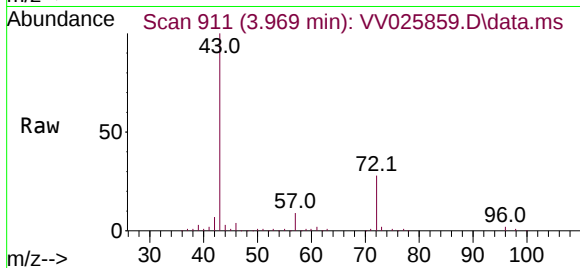
VSTD100216

Tgt Ion: 43 Resp: 280814

Ion Ratio Lower Upper

43 100

72 26.2 13.8 41.4



#23

Bromochloromethane

Concen: 106.966 ug/L

RT: 4.249 min Scan# 998

Delta R.T. -0.000 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

Tgt Ion: 128 Resp: 124490

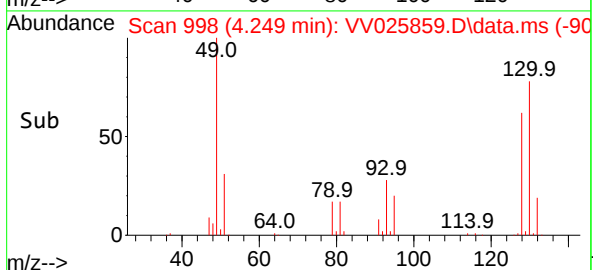
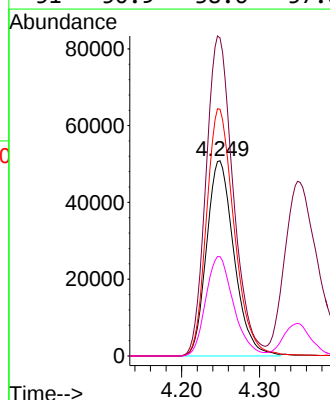
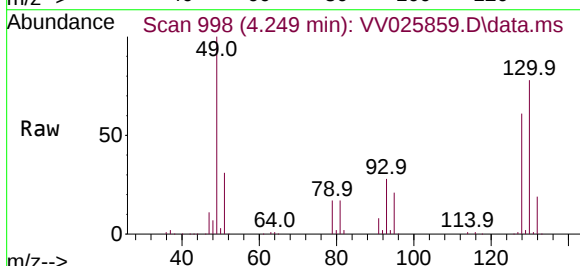
Ion Ratio Lower Upper

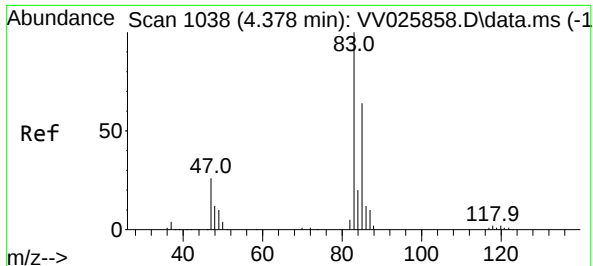
128 100

49 162.9 111.0 206.2

130 126.4 87.1 161.7

51 50.9 38.6 57.8





#25

Chloroform

Concen: 104.651 ug/L

RT: 4.375 min Scan# 1038

Delta R.T. -0.003 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

Instrument :

MSVOA_V

ClientSampleId :

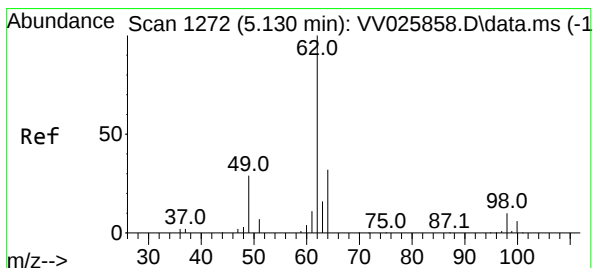
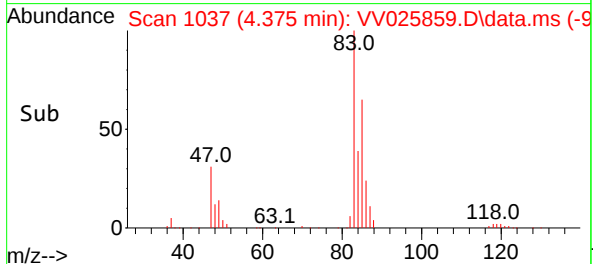
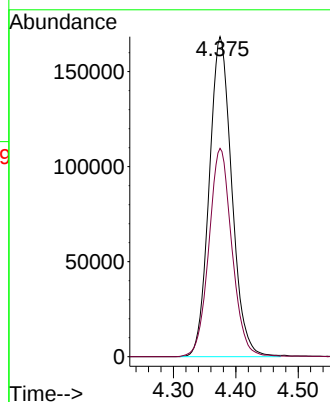
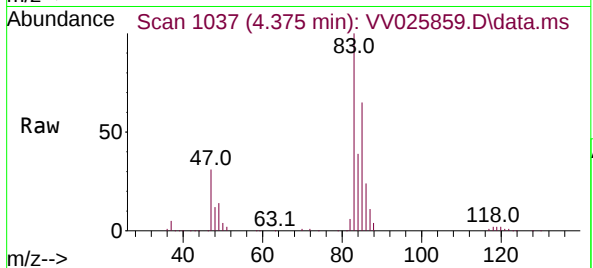
VSTD100216

Tgt Ion: 83 Resp: 422819

Ion Ratio Lower Upper

83 100

85 65.1 44.9 83.3



#27

1,2-Dichloroethane

Concen: 106.828 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV025859.D

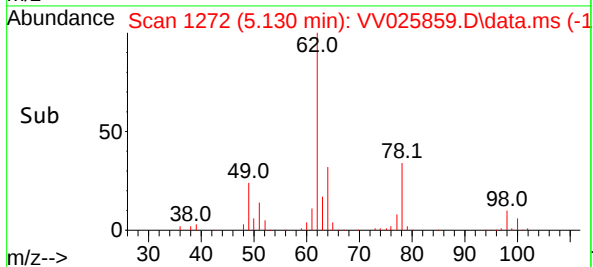
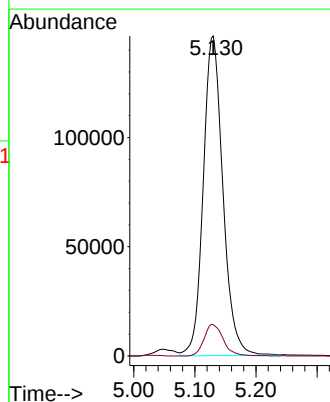
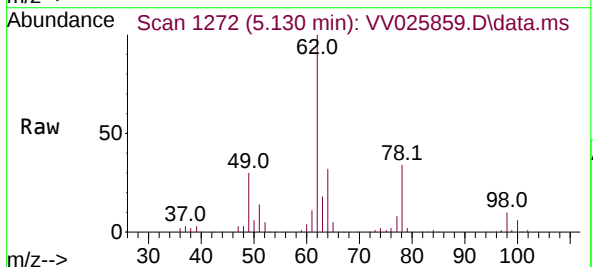
Acq: 10 May 2022 12:13

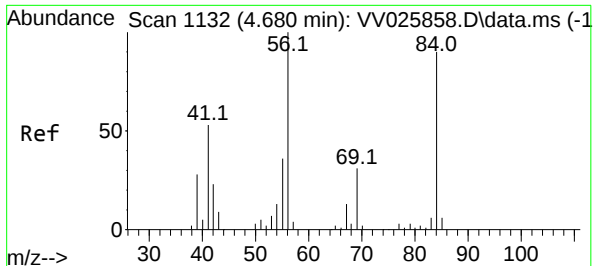
Tgt Ion: 62 Resp: 326320

Ion Ratio Lower Upper

62 100

98 9.8 7.7 11.5





#29

Cyclohexane

Concen: 116.198 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD100216

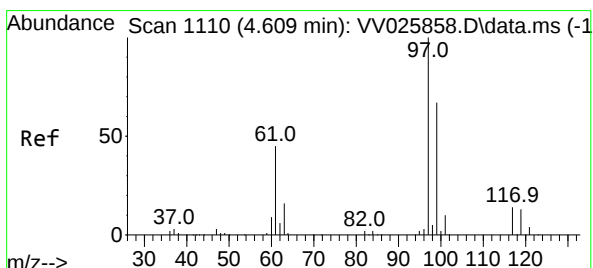
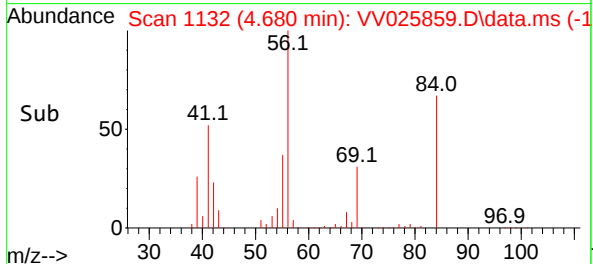
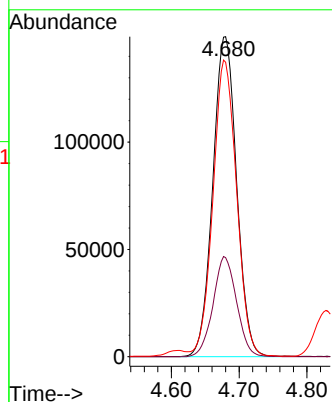
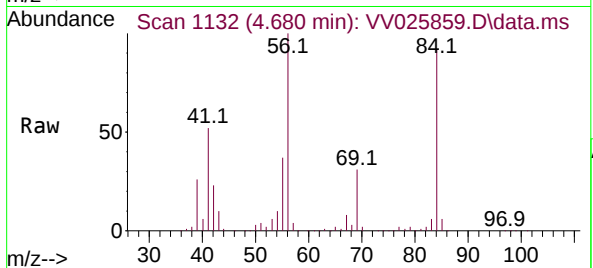
Tgt Ion: 56 Resp: 364261

Ion Ratio Lower Upper

56 100

69 30.8 24.8 37.2

84 92.1 73.8 110.8



#30

1,1,1-Trichloroethane

Concen: 105.695 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

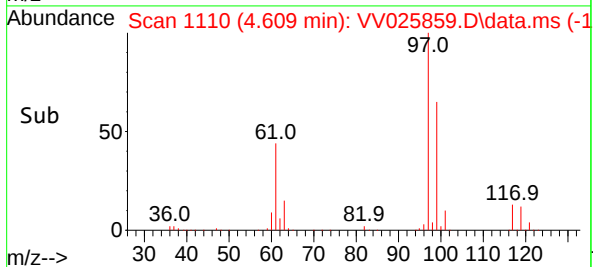
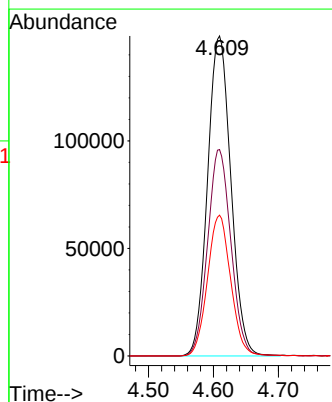
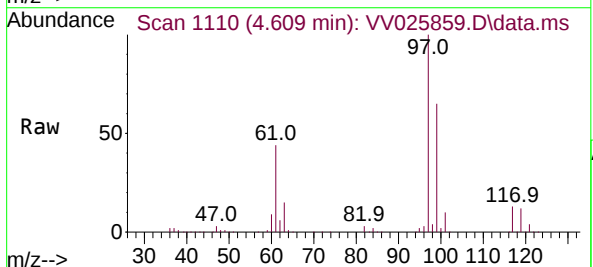
Tgt Ion: 97 Resp: 371690

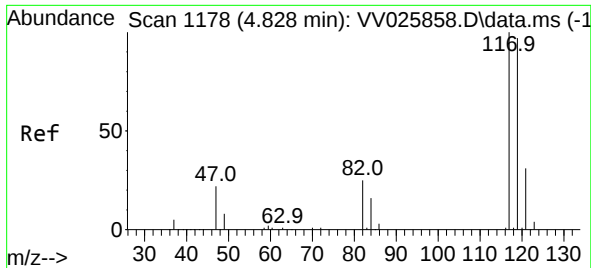
Ion Ratio Lower Upper

97 100

99 64.3 52.6 78.8

61 43.8 35.6 53.4

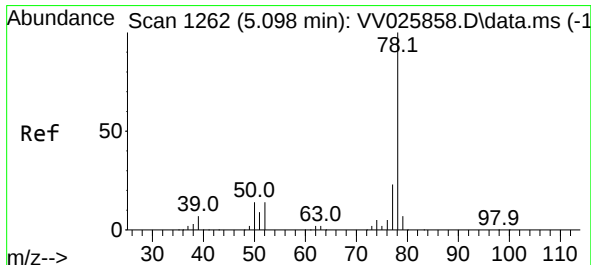
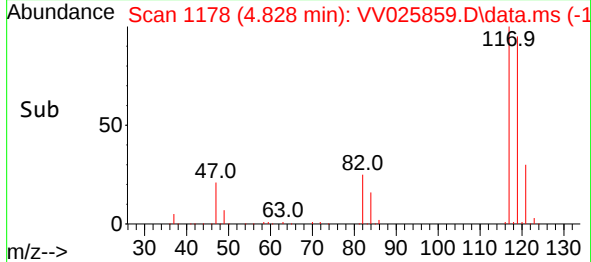
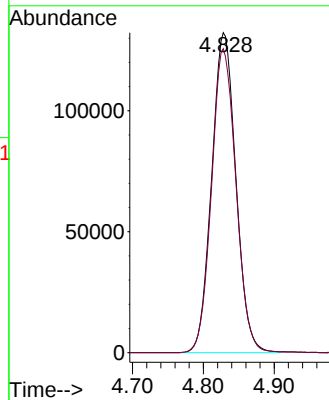
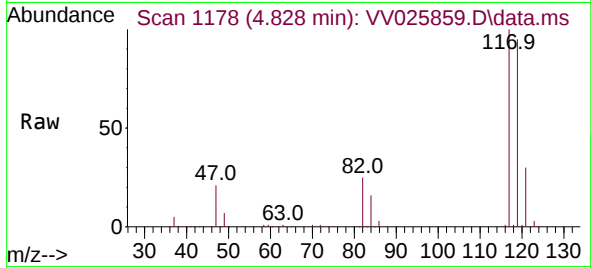




#31
Carbon tetrachloride
Concen: 106.466 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

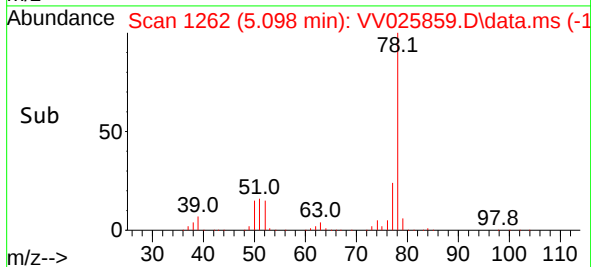
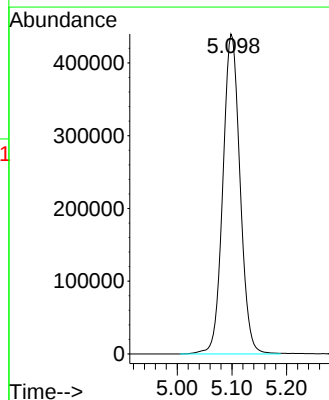
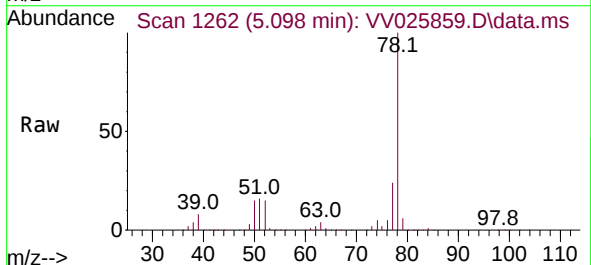
Instrument :
MSVOA_V
ClientSampleId :
VSTD100216

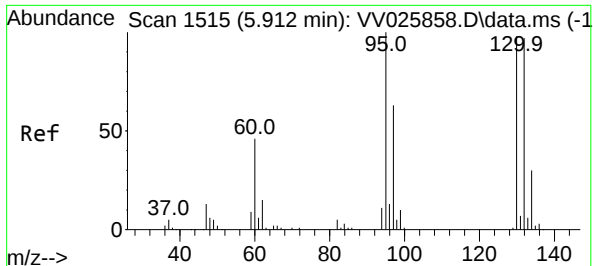
Tgt Ion:117 Resp: 314330
Ion Ratio Lower Upper
117 100
119 95.8 76.9 115.3



#33
Benzene
Concen: 110.085 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion: 78 Resp: 959803

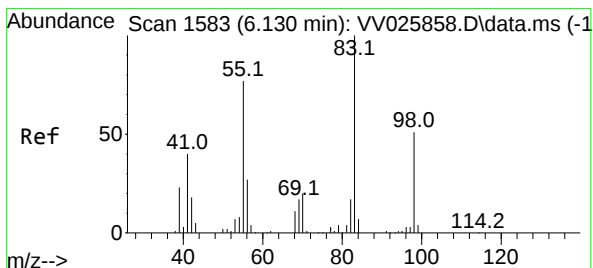
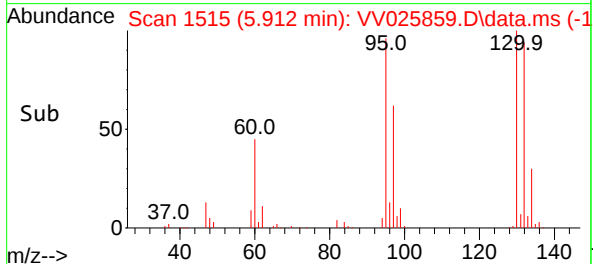
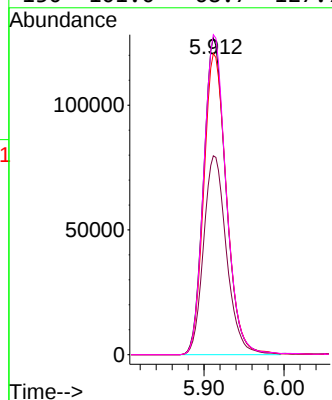
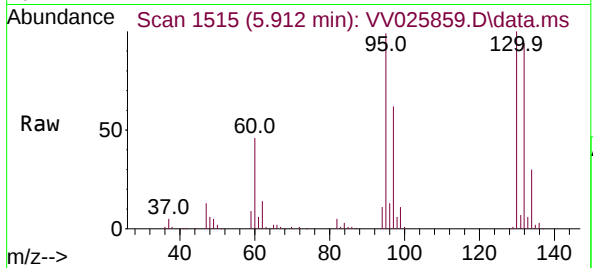




#34
Trichloroethene
Concen: 108.751 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

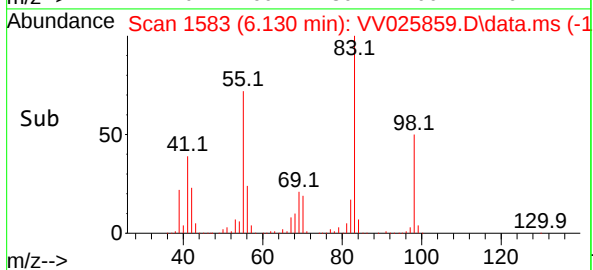
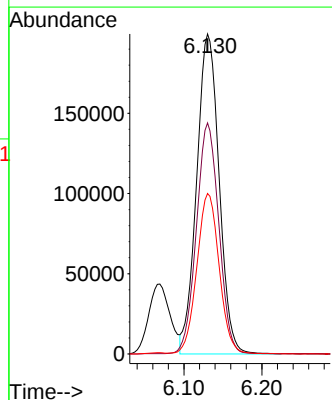
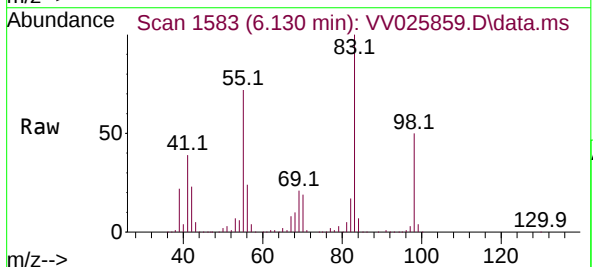
Instrument :
MSVOA_V
ClientSampleId :
VSTD100216

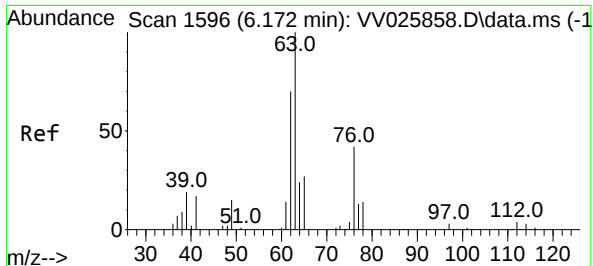
Tgt Ion: 95 Resp: 248001
Ion Ratio Lower Upper
95 100
97 62.8 44.2 82.0
132 95.1 67.7 125.7
130 101.0 68.7 127.7



#35
Methylcyclohexane
Concen: 117.110 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion: 83 Resp: 399979
Ion Ratio Lower Upper
83 100
55 71.8 58.6 87.8
98 50.0 39.1 58.7





#37

1,2-Dichloropropane

Concen: 110.610 ug/L

RT: 6.172 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

Instrument :

MSVOA_V

ClientSampleId :

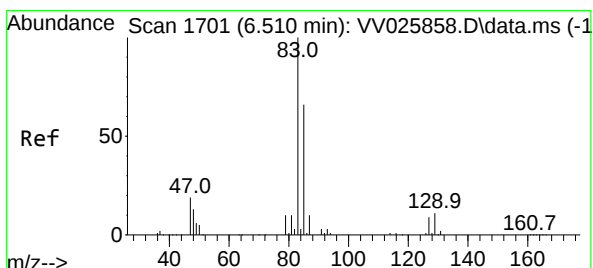
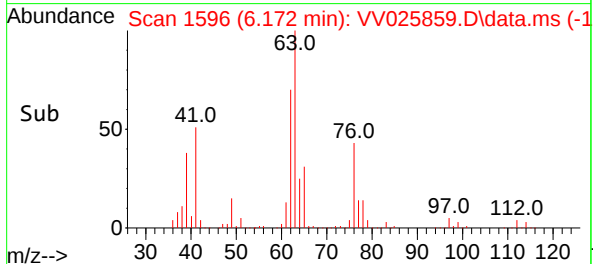
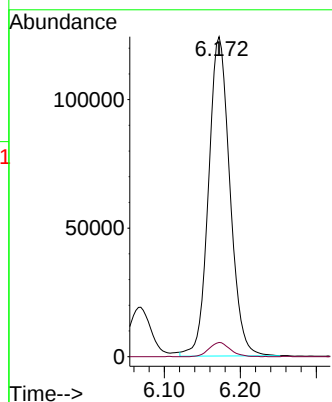
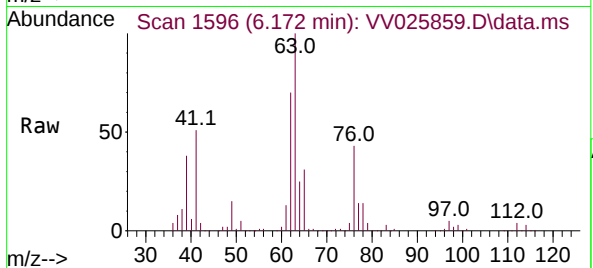
VSTD100216

Tgt Ion: 63 Resp: 242256

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 108.486 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

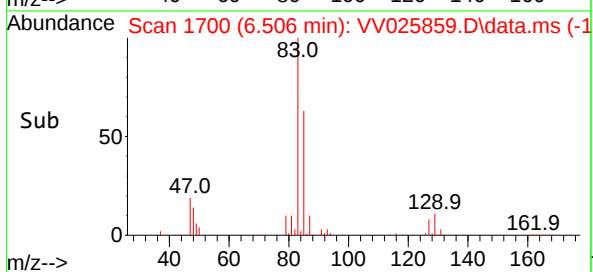
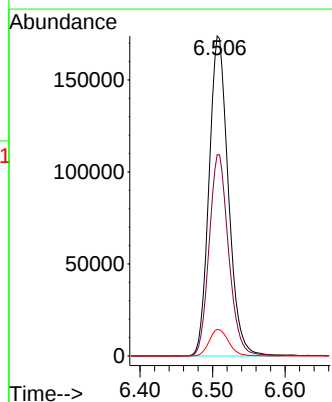
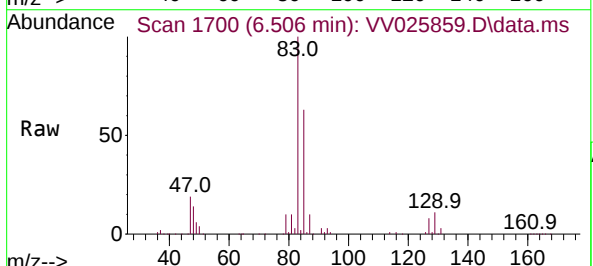
Tgt Ion: 83 Resp: 321310

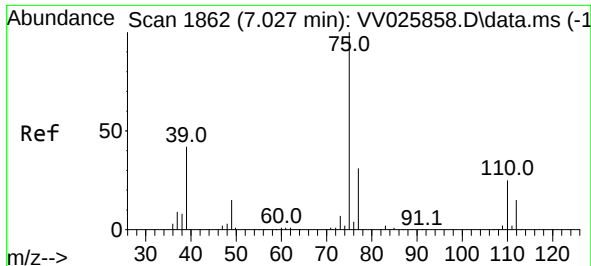
Ion Ratio Lower Upper

83 100

85 62.9 46.0 85.4

127 8.3 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 120.852 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

Instrument :

MSVOA_V

ClientSampleId :

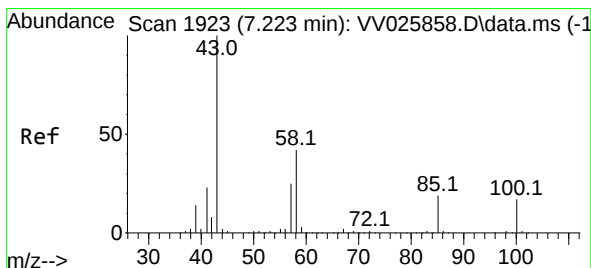
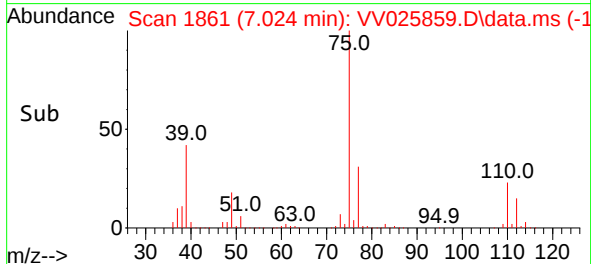
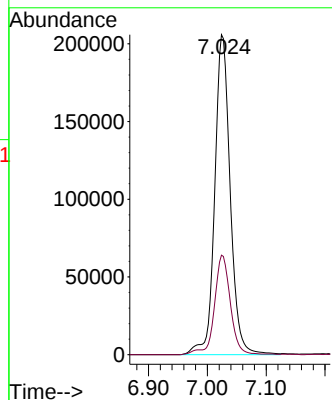
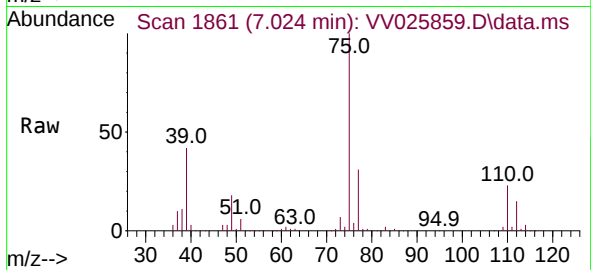
VSTD100216

Tgt Ion: 75 Resp: 377456

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 223.655 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

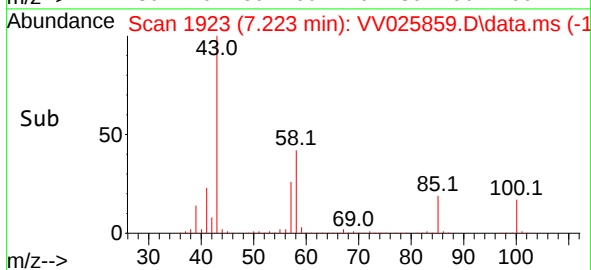
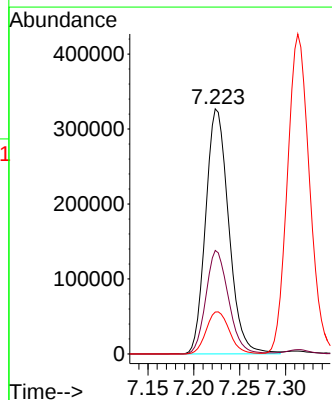
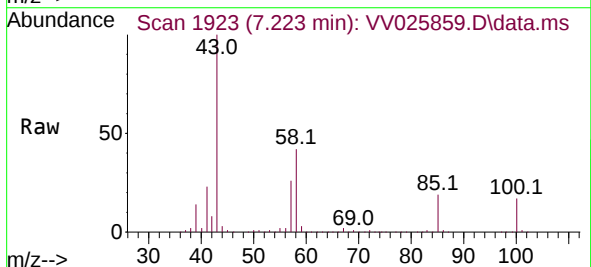
Tgt Ion: 43 Resp: 572586

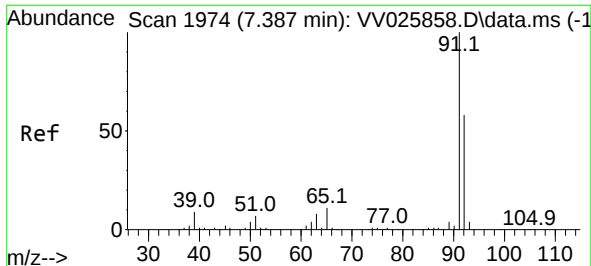
Ion Ratio Lower Upper

43 100

58 41.5 32.9 49.3

100 17.3 13.7 20.5

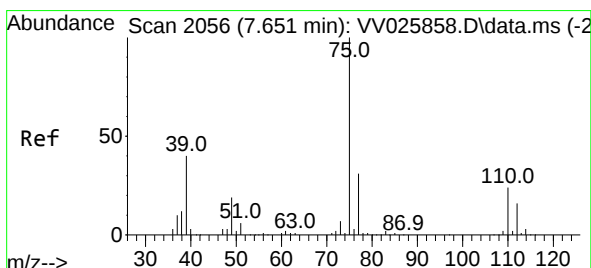
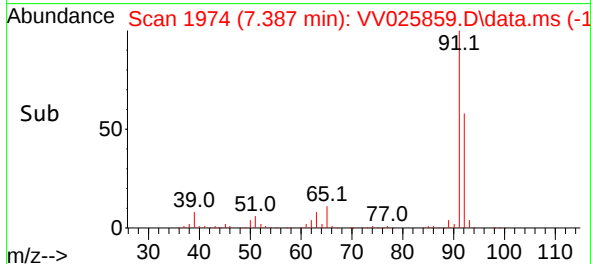
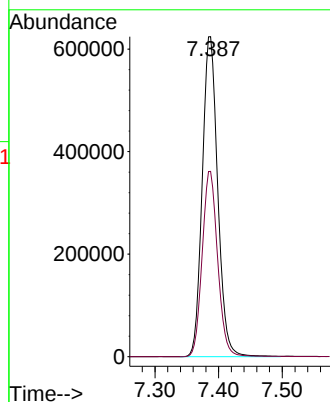
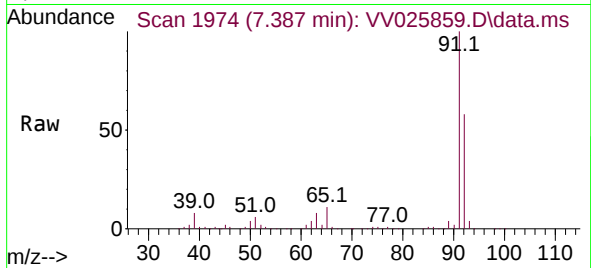




#42
Toluene
Concen: 112.786 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

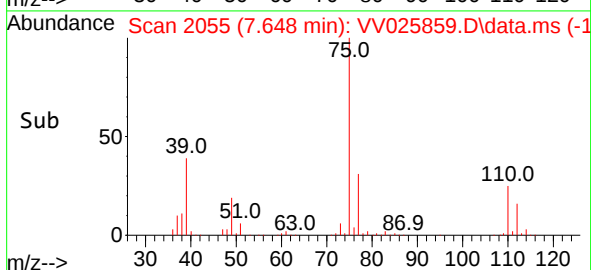
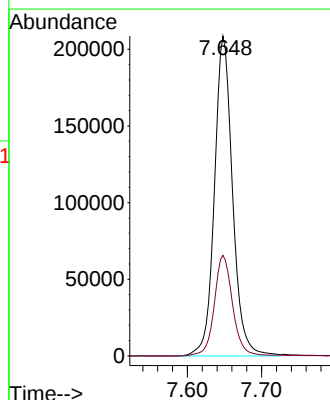
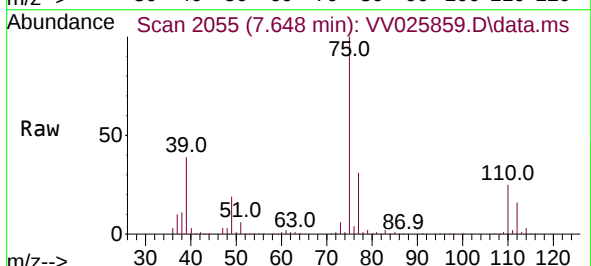
Instrument :
MSVOA_V
ClientSampleId :
VSTD100216

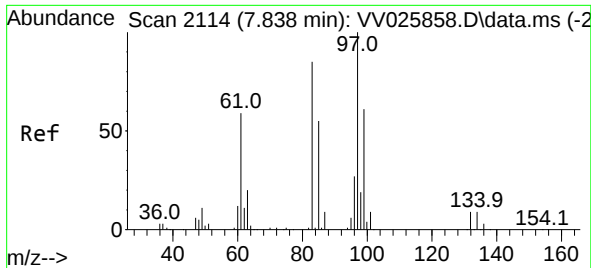
Tgt Ion: 91 Resp: 1054900
Ion Ratio Lower Upper
91 100
92 57.9 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 117.864 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion: 75 Resp: 354158
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 105.389 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD100216

Tgt Ion: 97 Resp: 234532

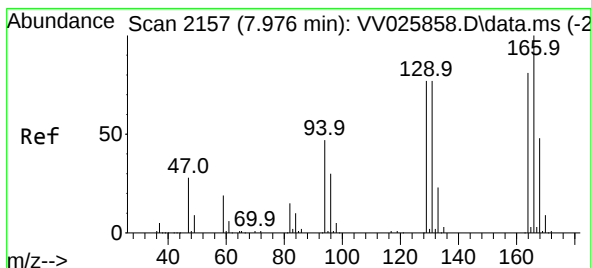
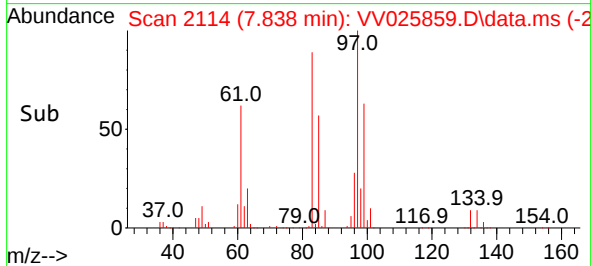
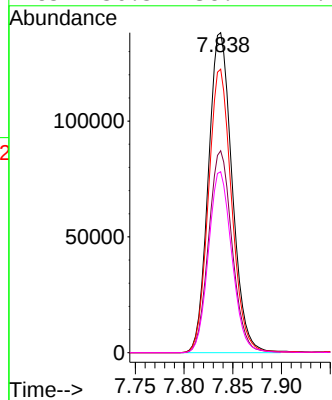
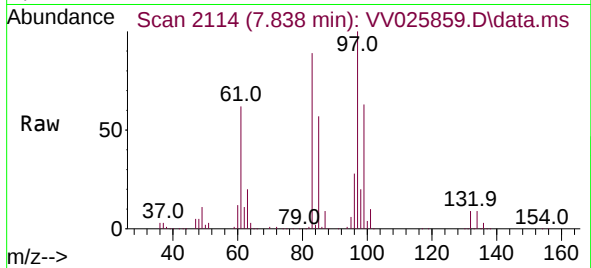
Ion Ratio Lower Upper

97 100

99 63.1 42.6 79.0

83 88.6 59.7 110.9

85 56.5 38.4 71.4



#46

Tetrachloroethene

Concen: 108.701 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

Tgt Ion:164 Resp: 182852

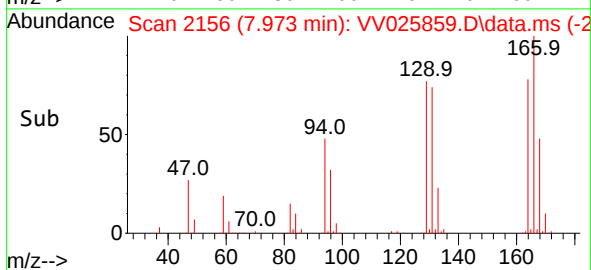
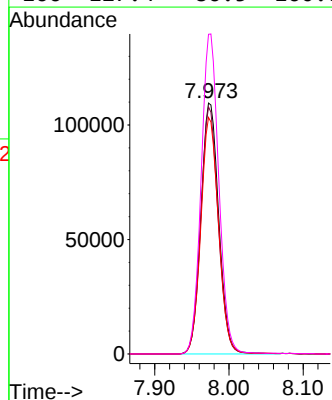
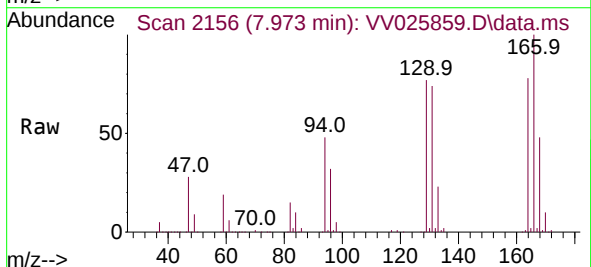
Ion Ratio Lower Upper

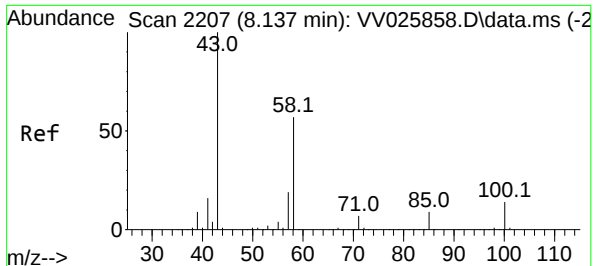
164 100

129 98.4 66.8 124.2

131 94.2 66.7 123.9

166 127.4 86.5 160.7



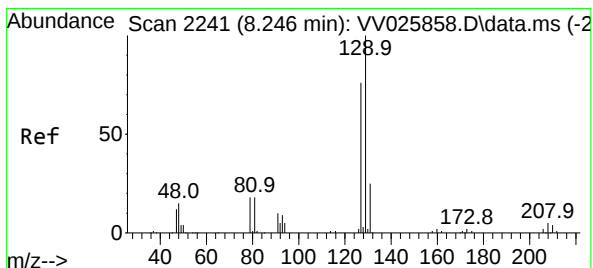
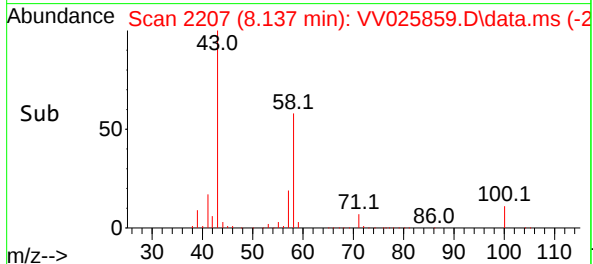
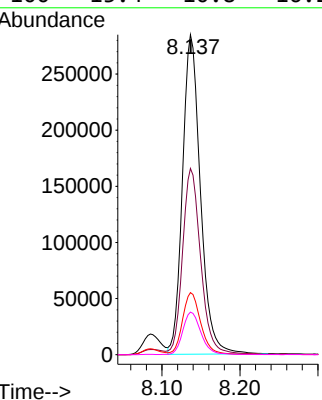
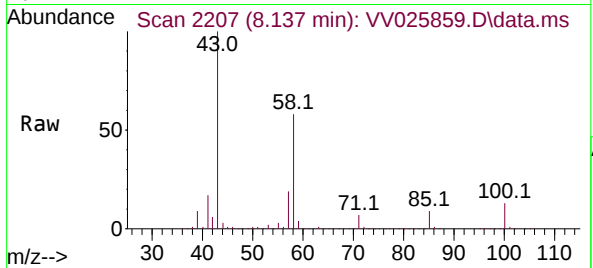


#48
2-Hexanone
Concen: 228.595 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD100216

Tgt Ion: 43 Resp: 455354

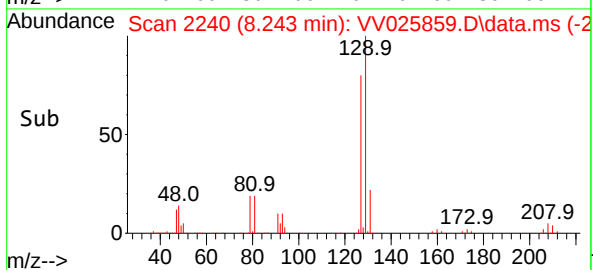
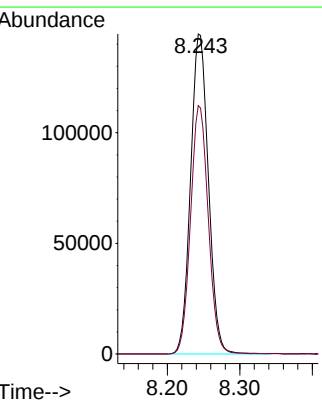
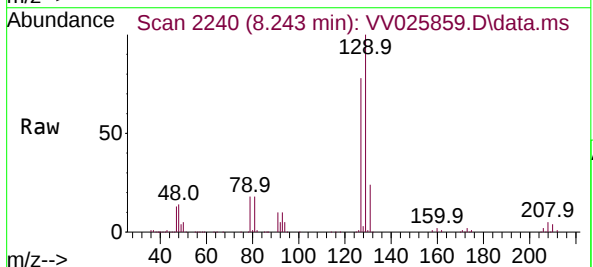
Ion	Ratio	Lower	Upper
43	100		
58	58.9	45.9	68.9
57	19.4	15.4	23.2
100	13.4	10.8	16.2

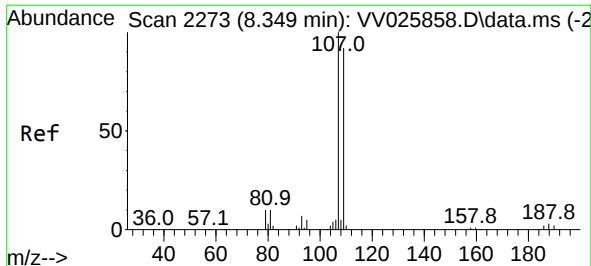


#49
Dibromochloromethane
Concen: 112.436 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion: 129 Resp: 246808

Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.5	99.5





#50

1,2-Dibromoethane

Concen: 107.527 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD100216

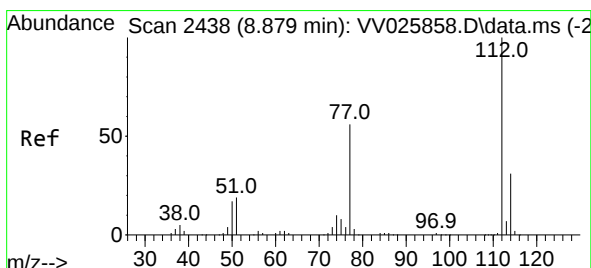
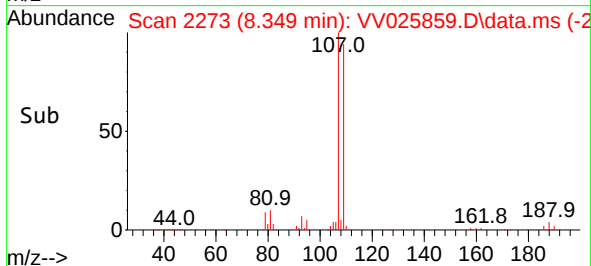
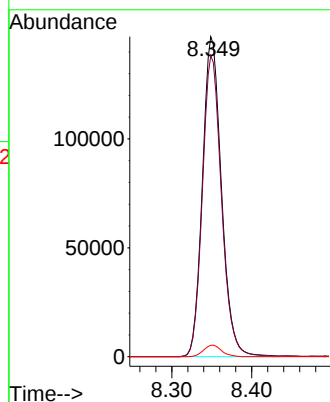
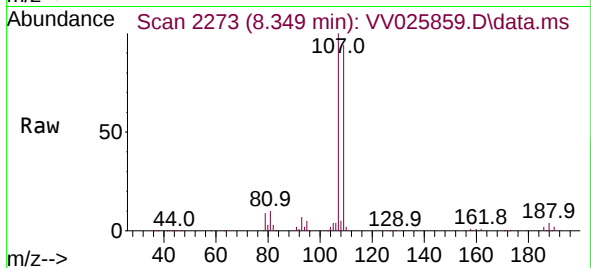
Tgt Ion:107 Resp: 243339

Ion Ratio Lower Upper

107 100

109 94.0 64.1 119.1

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 109.040 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025859.D

Acq: 10 May 2022 12:13

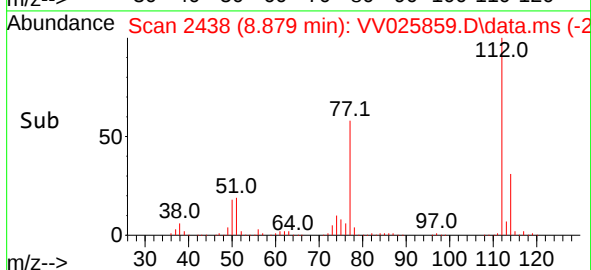
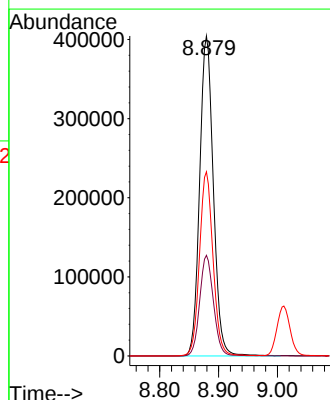
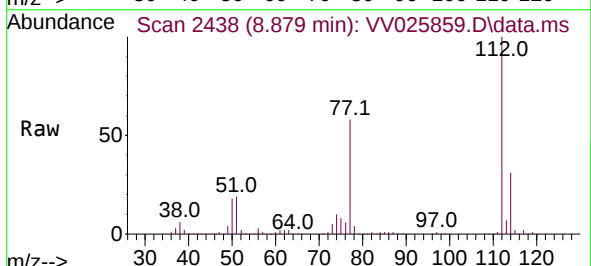
Tgt Ion:112 Resp: 653074

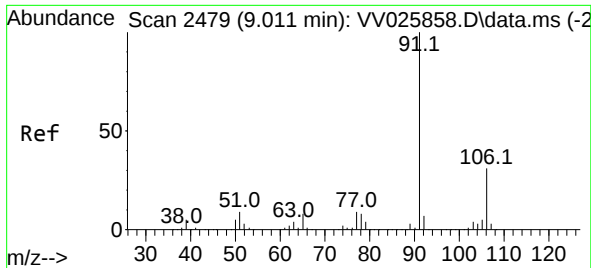
Ion Ratio Lower Upper

112 100

114 31.5 22.0 40.8

77 57.6 45.3 67.9

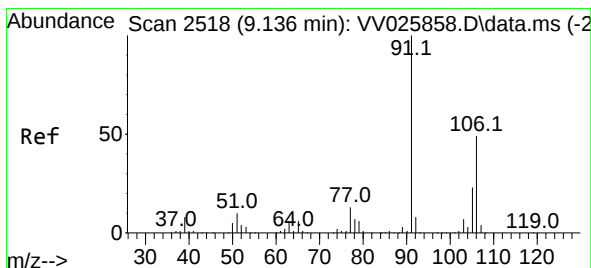
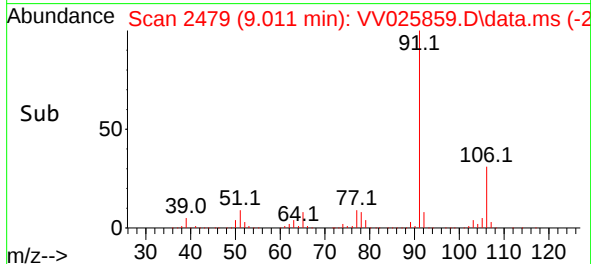
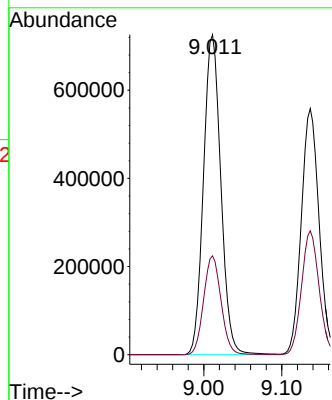
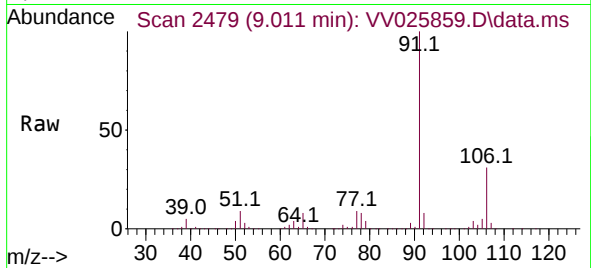




#52
Ethylbenzene
Concen: 116.378 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

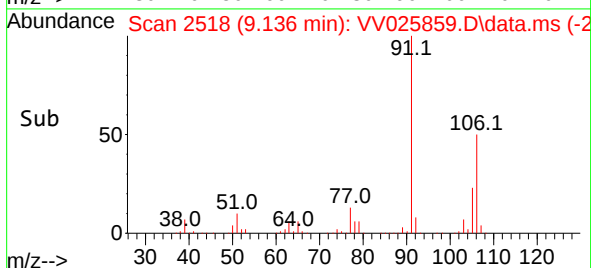
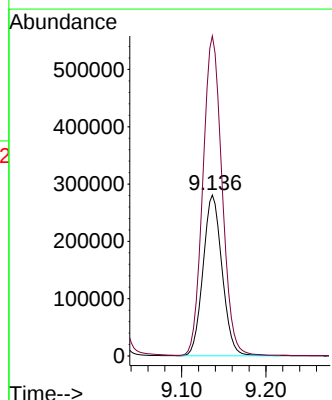
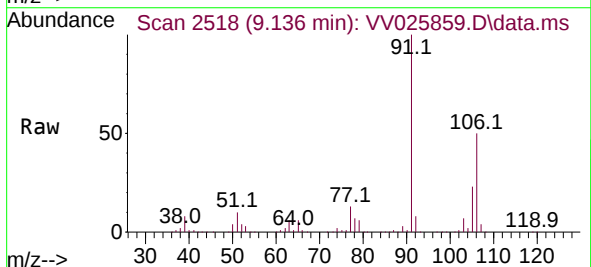
Instrument :
MSVOA_V
ClientSampleId :
VSTD100216

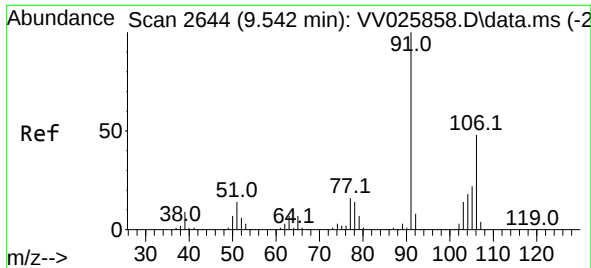
Tgt Ion: 91 Resp: 1122996
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.6



#53
m,p-Xylene
Concen: 117.833 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion: 106 Resp: 441029
Ion Ratio Lower Upper
106 100
91 198.8 142.0 263.6

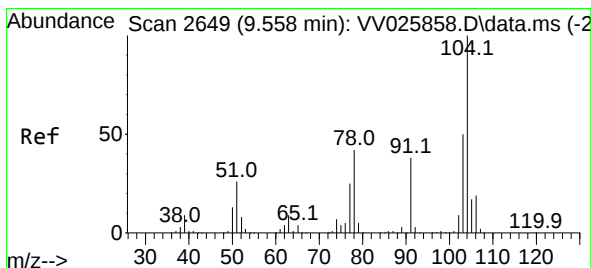
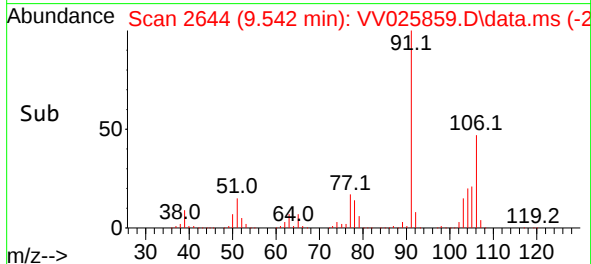
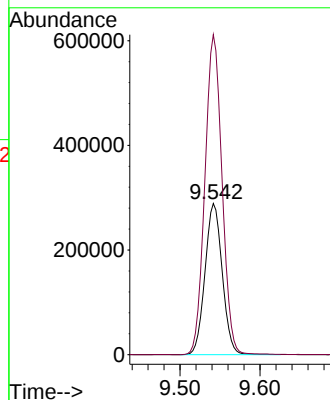
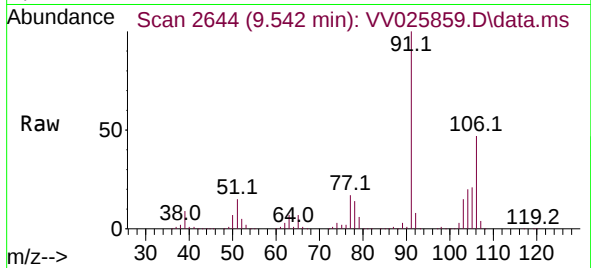




#54
o-Xylene
Concen: 117.877 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

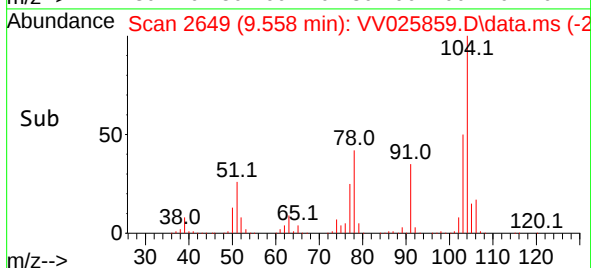
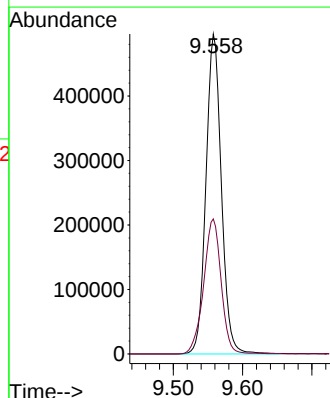
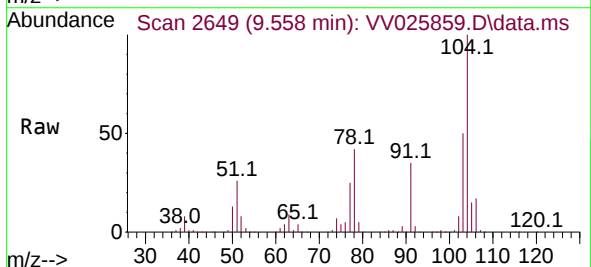
Instrument :
MSVOA_V
ClientSampleId :
VSTD100216

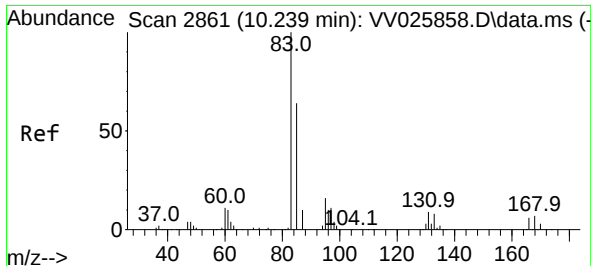
Tgt Ion:106 Resp: 433392
Ion Ratio Lower Upper
106 100
91 211.5 147.4 273.8



#55
Styrene
Concen: 119.617 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion:104 Resp: 766312
Ion Ratio Lower Upper
104 100
78 42.2 29.8 55.3

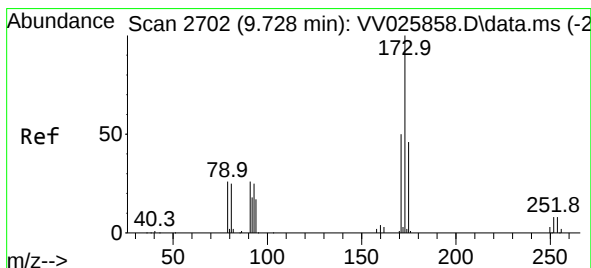
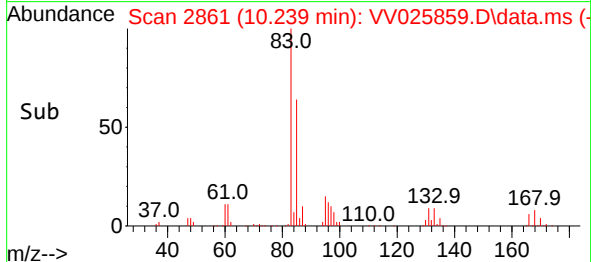
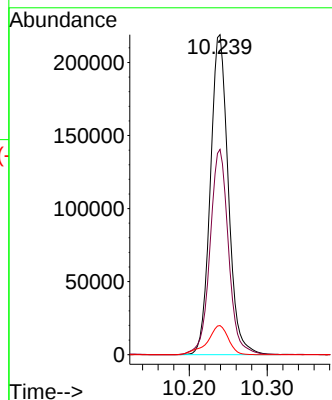
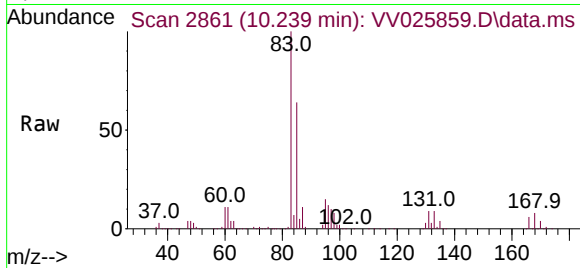




#57
 1,1,2,2-Tetrachloroethane
 Concen: 105.548 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV025859.D
 Acq: 10 May 2022 12:13

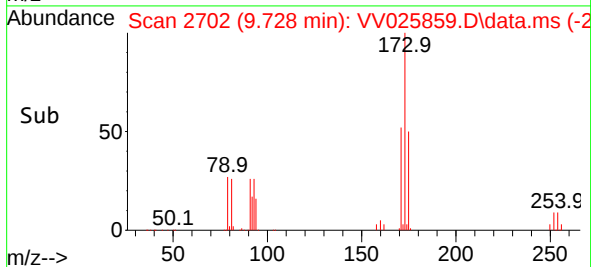
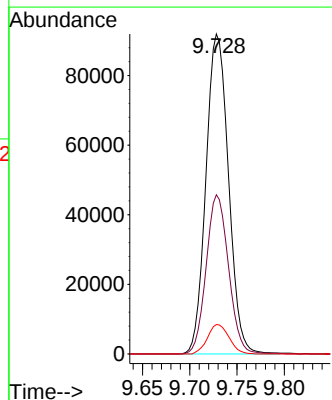
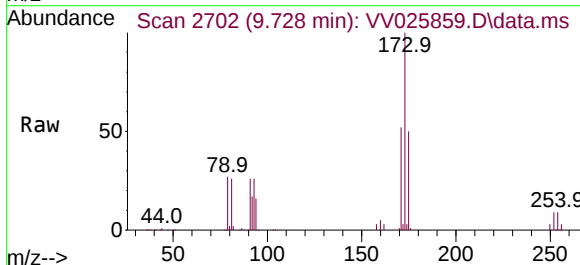
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100216

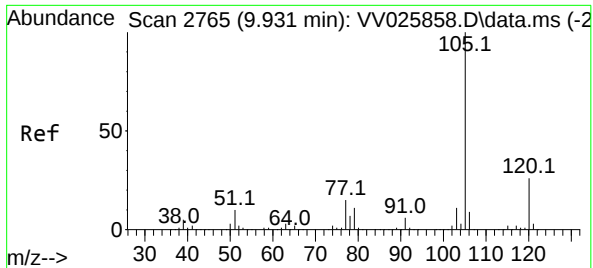
Tgt Ion: 83 Resp: 350459
 Ion Ratio Lower Upper
 83 100
 85 64.1 44.7 82.9
 131 9.1 7.5 11.3



#59
 Bromoform
 Concen: 104.671 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV025859.D
 Acq: 10 May 2022 12:13

Tgt Ion: 173 Resp: 152620
 Ion Ratio Lower Upper
 173 100
 175 49.2 38.1 57.1
 254 8.8 7.0 10.6

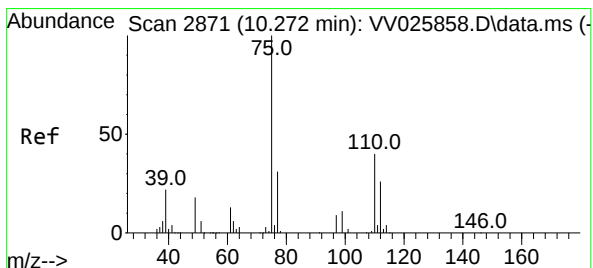
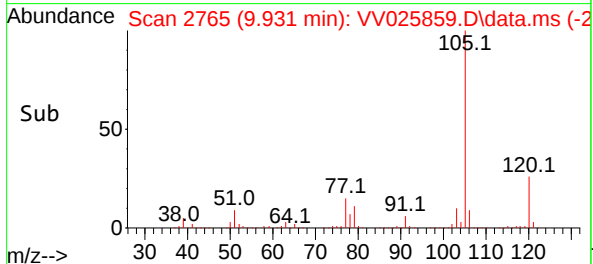
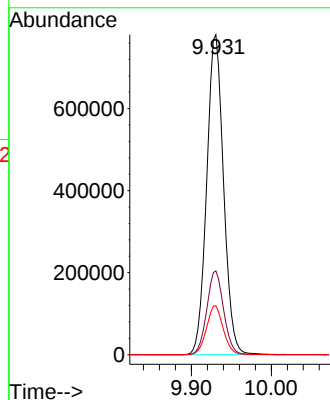
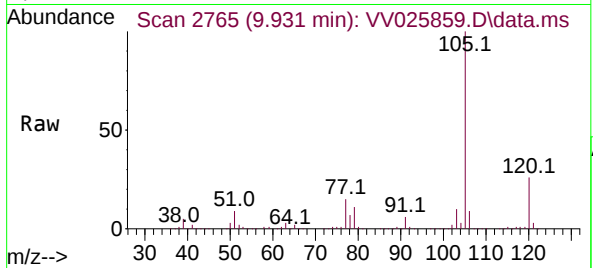




#60
Isopropylbenzene
Concen: 113.039 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

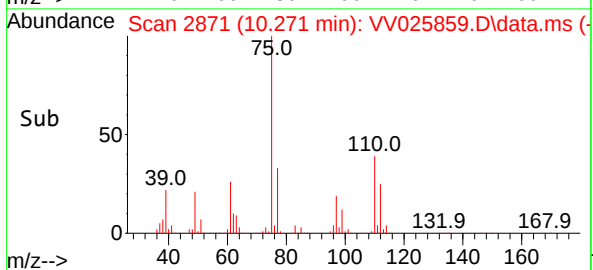
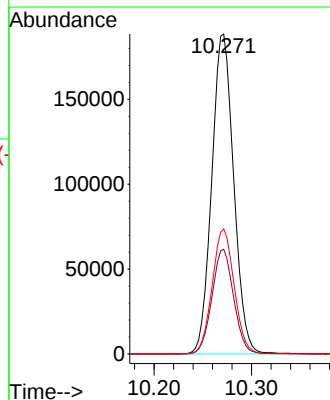
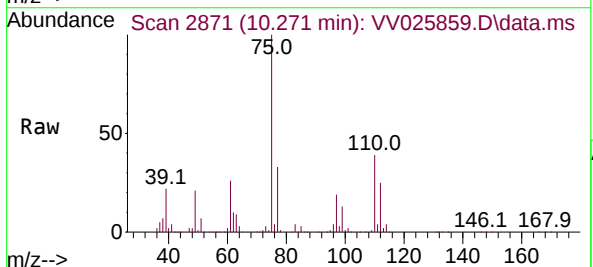
Instrument :
MSVOA_V
ClientSampleId :
VSTD100216

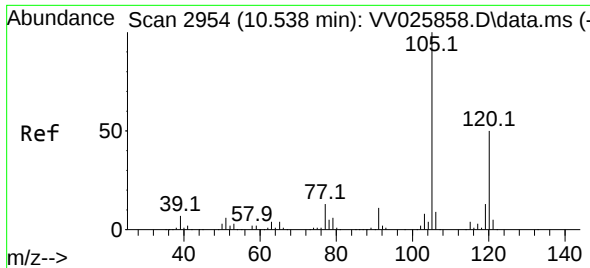
Tgt Ion:105 Resp: 1144480
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 15.2 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 98.643 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion: 75 Resp: 295121
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 39.2 32.3 48.5

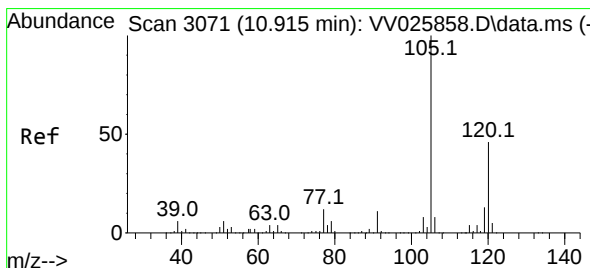
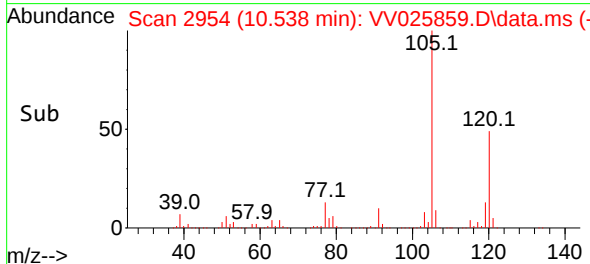
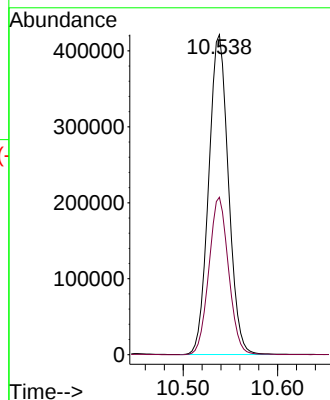
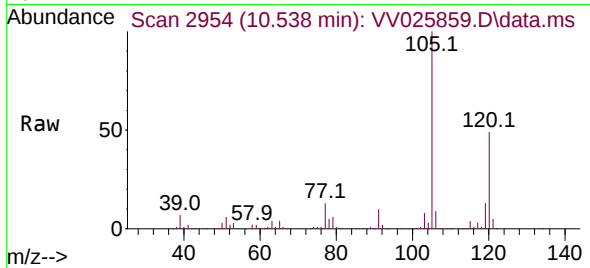




#62
1,3,5-Trimethylbenzene
Concen: 117.000 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

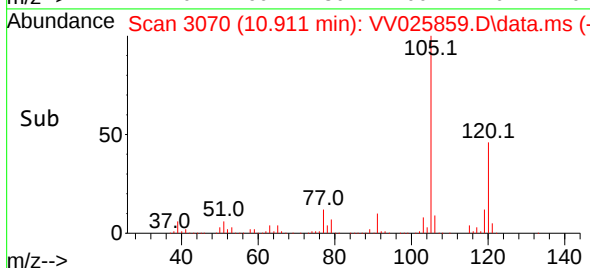
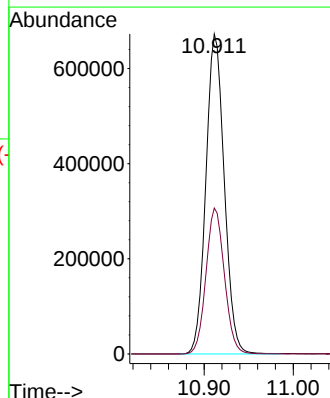
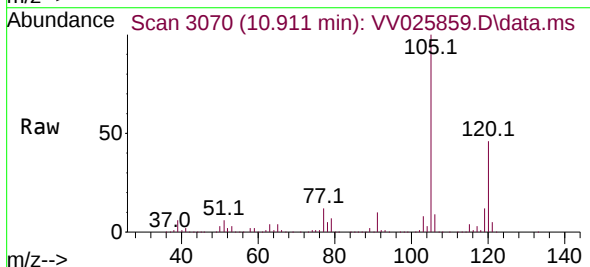
Instrument :
MSVOA_V
ClientSampleId :
VSTD100216

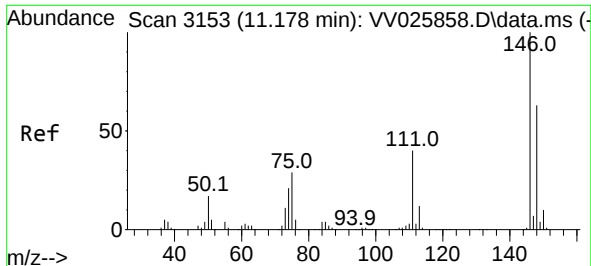
Tgt Ion:105 Resp: 610591
Ion Ratio Lower Upper
105 100
120 49.1 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 118.933 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.003 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion:105 Resp: 963009
Ion Ratio Lower Upper
105 100
120 45.7 36.6 55.0

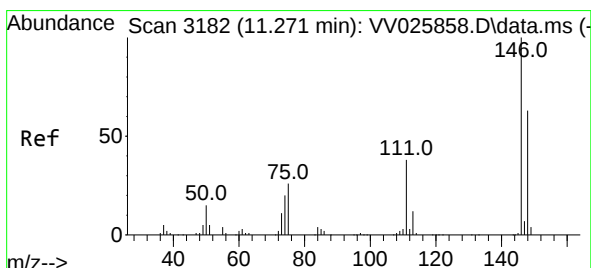
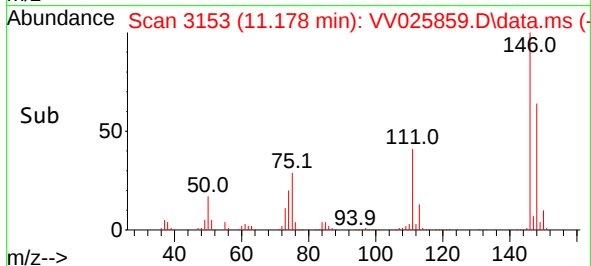
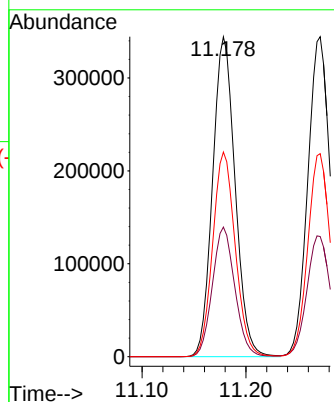
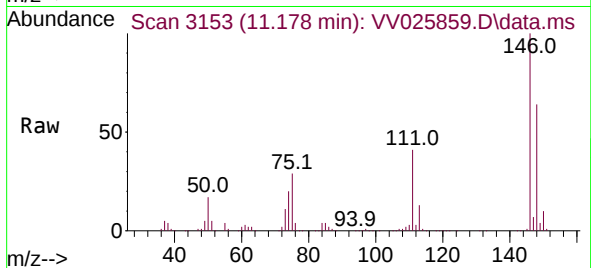




#64
1,3-Dichlorobenzene
Concen: 108.072 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

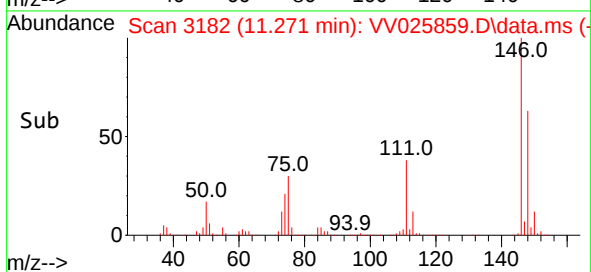
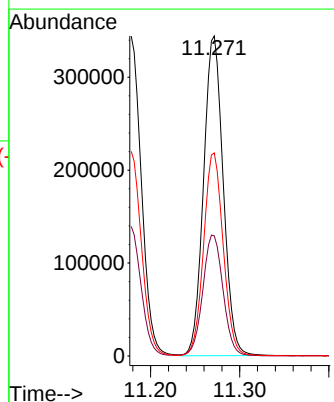
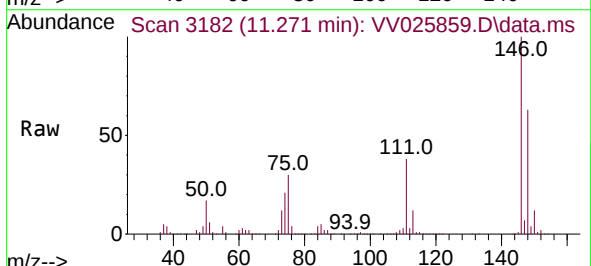
Instrument :
MSVOA_V
ClientSampleId :
VSTD100216

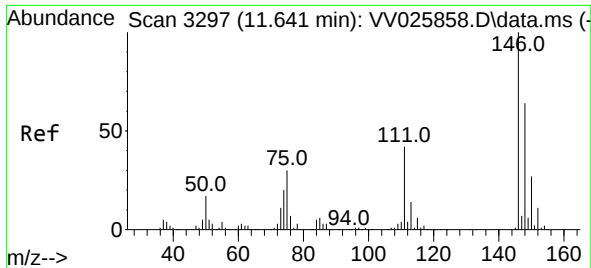
Tgt Ion:146 Resp: 517936
Ion Ratio Lower Upper
146 100
111 40.5 28.1 52.1
148 64.0 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 104.900 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion:146 Resp: 526851
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.7
148 63.5 44.2 82.2

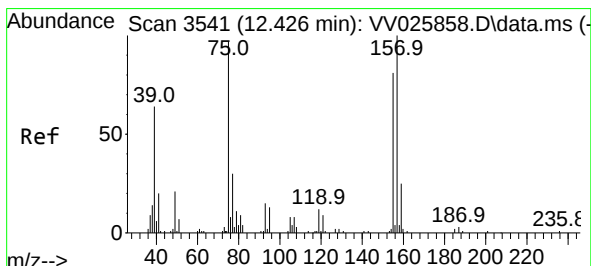
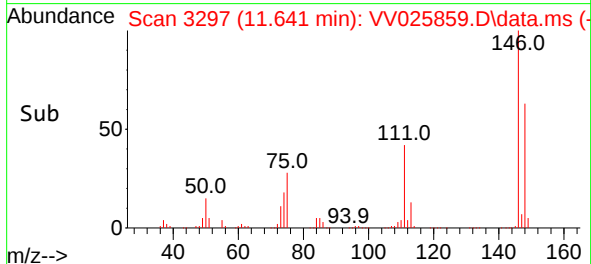
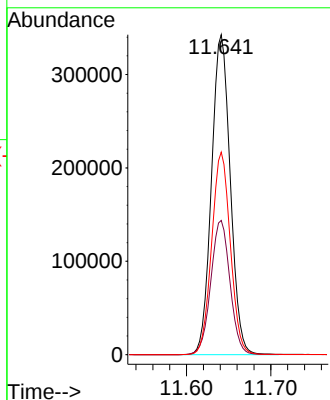
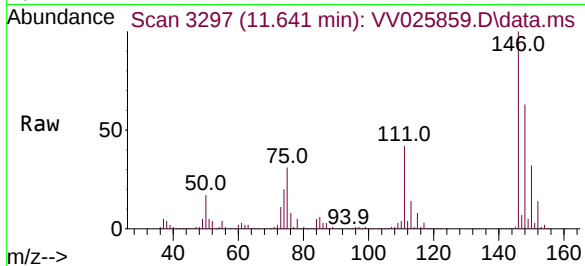




#67
1,2-Dichlorobenzene
Concen: 106.882 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

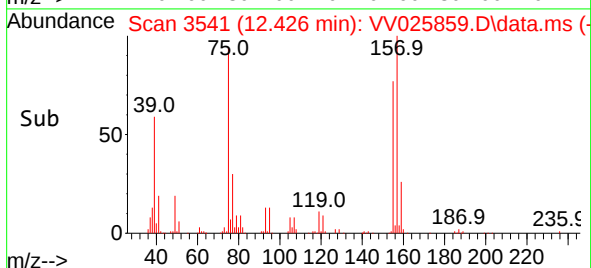
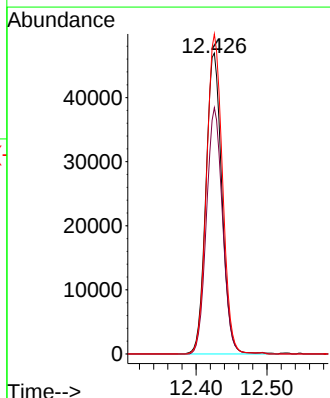
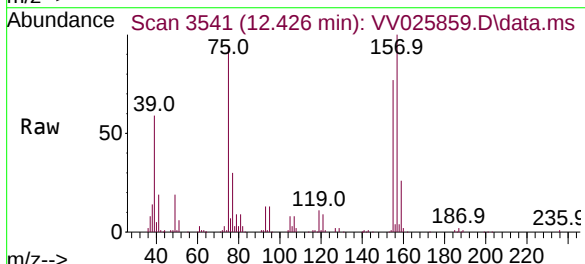
Instrument :
MSVOA_V
ClientSampleId :
VSTD100216

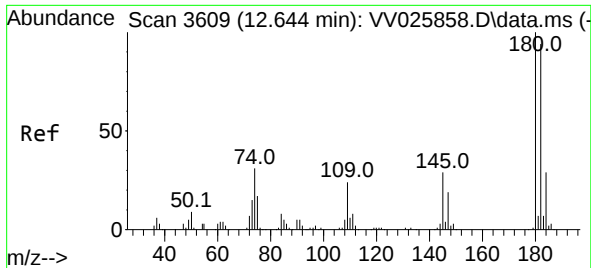
Tgt Ion:146 Resp: 529825
Ion Ratio Lower Upper
146 100
111 42.0 33.7 50.5
148 63.3 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 106.351 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion: 75 Resp: 73503
Ion Ratio Lower Upper
75 100
155 81.9 66.8 100.2
157 106.4 82.5 123.7



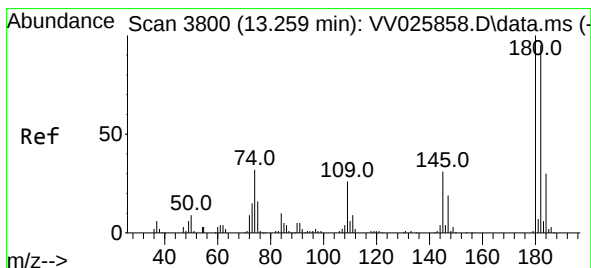
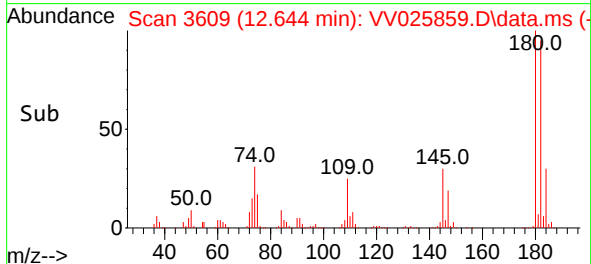
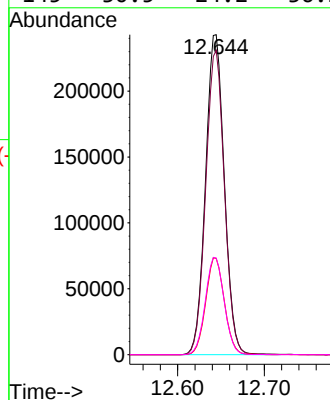
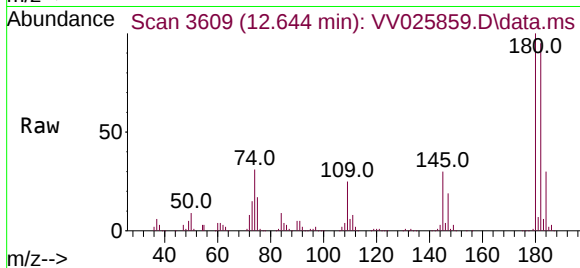


#69
 1,3,5-Trichlorobenzene
 Concen: 110.581 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV025859.D
 Acq: 10 May 2022 12:13

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100216

Tgt Ion:180 Resp: 365920

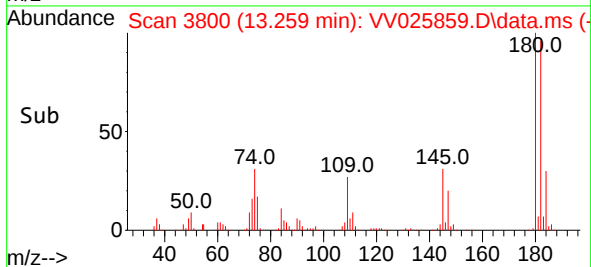
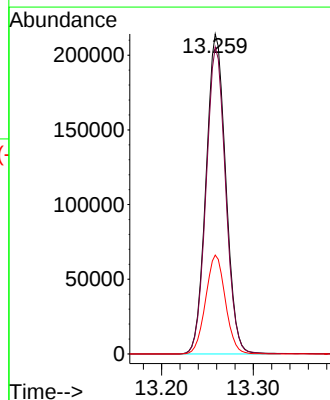
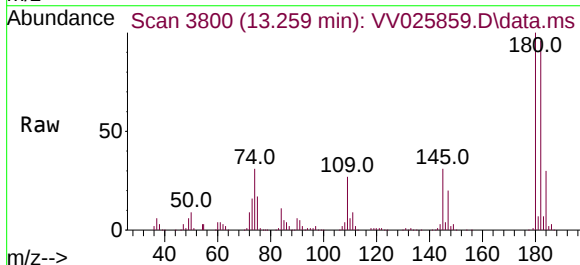
Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.1	112.7
184	30.1	23.6	35.4
145	30.5	24.2	36.2

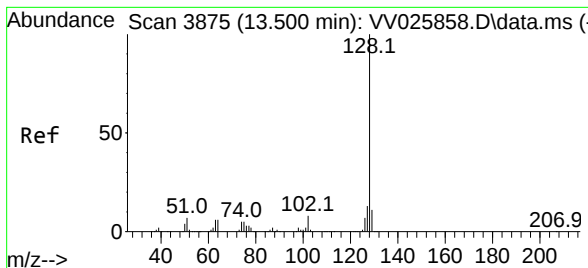


#70
 1,2,4-trichlorobenzene
 Concen: 113.610 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025859.D
 Acq: 10 May 2022 12:13

Tgt Ion:180 Resp: 320131

Ion	Ratio	Lower	Upper
180	100		
182	94.9	74.8	112.2
145	30.9	24.8	37.2

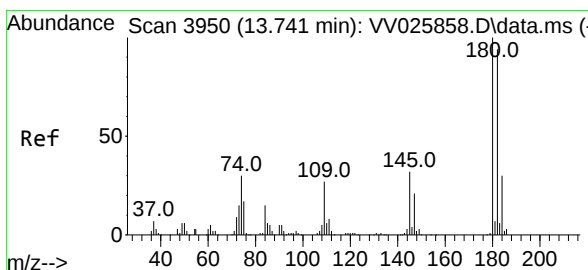
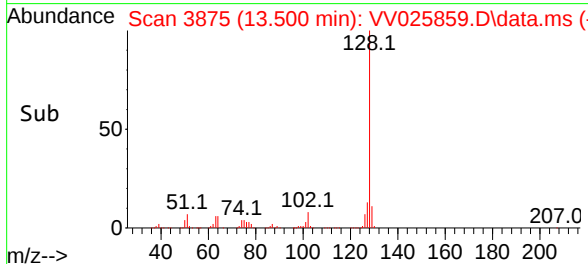
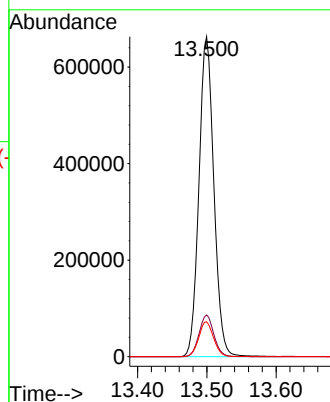
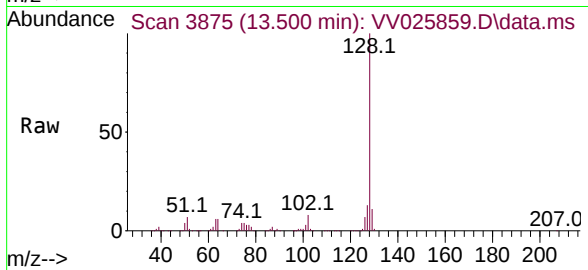




#71
Naphthalene
Concen: 118.840 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD100216

Tgt Ion:128 Resp: 991718
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 112.625 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025859.D
Acq: 10 May 2022 12:13

Tgt Ion:180 Resp: 323398
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.8
145 32.5 26.3 39.5

