

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025785.D
 Acq On : 03 May 2022 11:22
 Operator : SY/MD
 Sample : VSTD00138
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001238

Quant Time: May 03 12:17:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:14:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	198448	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	201177	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	101745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	20514	1.056	ug/L	0.00
7) Chloroethane-d5	1.571	69	18021	0.905	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	39812	1.040	ug/L	0.00
20) 2-Butanone-d5	3.915	46	15629	6.445	ug/L	0.02
24) Chloroform-d	4.349	84	30209	1.027	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	12811	1.008	ug/L	0.00
32) Benzene-d6	5.050	84	57863	0.951	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	16789	0.982	ug/L	0.00
41) Toluene-d8	7.314	98	50489	0.900	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	5224	0.923	ug/L	0.00
46) 2-Hexanone-d5	8.092	63	17128	8.315	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	10356	0.960	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	15915	0.915	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.131	85	24524	1.282	ug/L	99
3) Chloromethane	1.243	50	28568	1.353	ug/L	98
5) Vinyl chloride	1.314	62	28738	1.236	ug/L	99
6) Bromomethane	1.523	94	15397	0.965	ug/L	97
8) Chloroethane	1.587	64	18923	1.085	ug/L	96
9) Trichlorofluoromethane	1.754	101	39115	1.214	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	21524	1.197	ug/L	97
12) 1,1-Dichloroethene	2.121	96	19409	1.093	ug/L	86
13) Acetone	2.185	43	20641	12.814	ug/L	94
14) Carbon disulfide	2.298	76	49632	1.144	ug/L	100
15) Methyl Acetate	2.449	43	4459	1.234	ug/L	90
16) Methylene chloride	2.507	84	21571	1.249	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	28852	1.049	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	17038	1.132	ug/L	94
19) 1,1-Dichloroethane	3.188	63	30841	1.191	ug/L	96
21) 2-Butanone	3.999	43	23015	10.248	ug/L	76
22) cis-1,2-Dichloroethene	3.915	96	17103	1.090	ug/L	94
23) Bromochloromethane	4.246	128	7167	1.094	ug/L #	89
25) Chloroform	4.375	83	32272	1.189	ug/L	95
27) 1,2-Dichloroethane	5.134	62	16878	1.169	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	27085	1.087	ug/L	97
30) Cyclohexane	4.677	56	23307	1.038	ug/L	98
31) Carbon tetrachloride	4.828	117	24229	1.154	ug/L	100
33) Benzene	5.098	78	67949	1.091	ug/L	100
34) Trichloroethene	5.915	95	17366	1.064	ug/L	94
35) Methylcyclohexane	6.130	83	25859	0.989	ug/L	94
37) 1,2-Dichloropropane	6.172	63	16103	1.106	ug/L	97
38) Bromodichloromethane	6.510	83	20548	1.145	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	19092	1.022	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	60329	10.251	ug/L	94
42) Toluene	7.387	91	67361	1.001	ug/L	98
44) trans-1,3-Dichloropropene	7.658	75	14542	0.990	ug/L	98

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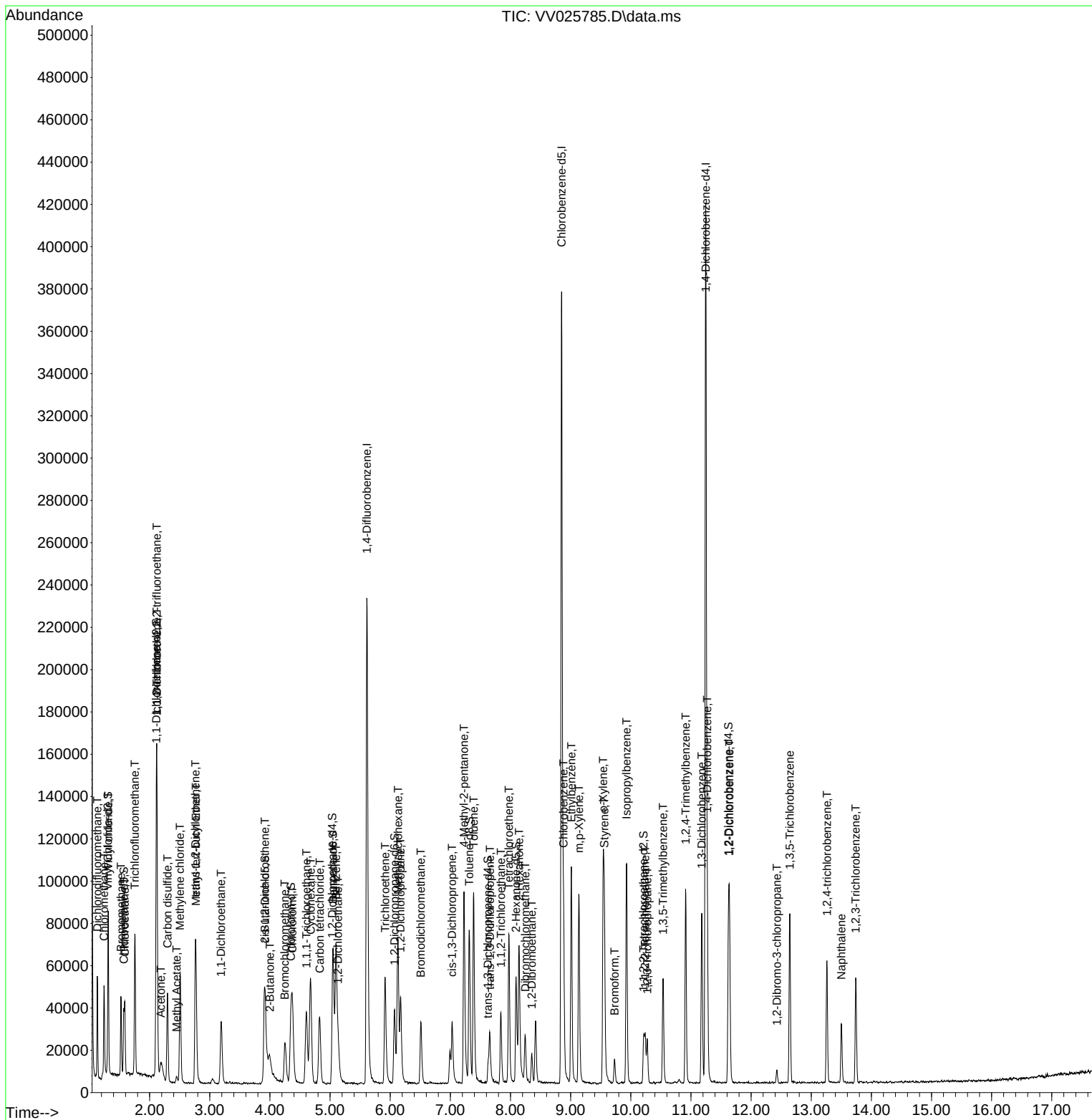
Quant Time: May 03 12:17:11 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:14:39 2022
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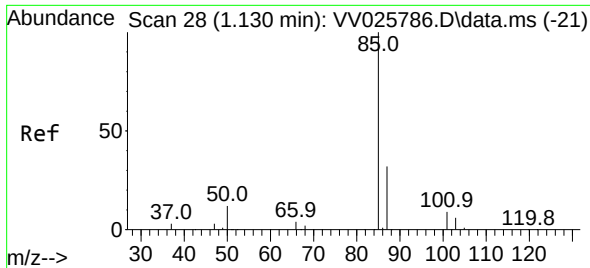
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	10634	1.105	ug/L	94
47) Tetrachloroethene	7.973	164	15437	1.203	ug/L	97
48) 2-Hexanone	8.143	43	43193	10.482	ug/L	94
49) Dibromochloromethane	8.246	129	11201	1.064	ug/L	93
50) 1,2-Dibromoethane	8.352	107	8862	0.998	ug/L #	99
51) Chlorobenzene	8.883	112	46388	1.086	ug/L	98
52) Ethylbenzene	9.011	91	69068	0.970	ug/L	99
53) m,p-Xylene	9.140	106	27094	1.001	ug/L	99
54) o-Xylene	9.542	106	24592	0.935	ug/L	99
55) Styrene	9.561	104	39343	0.911	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	10993	1.133	ug/L	94
59) Bromoform	9.731	173	5043	1.148	ug/L	92
60) Isopropylbenzene	9.931	105	65472	1.010	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	8067	1.153	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	26846	0.940	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	46947	0.906	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	32537	1.077	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	33143	1.083	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	29160	1.090	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.429	75	1589	1.279	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.645	180	23725	1.040	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	17057	0.975	ug/L	96
71) Naphthalene	13.503	128	22056	0.865	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	13700	0.943	ug/L	99

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

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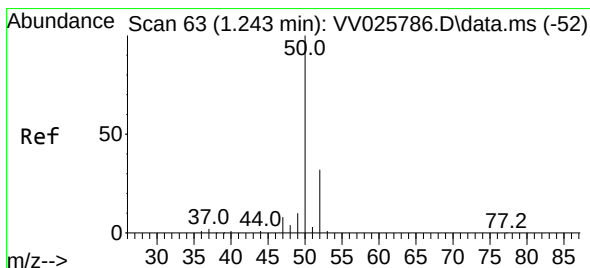
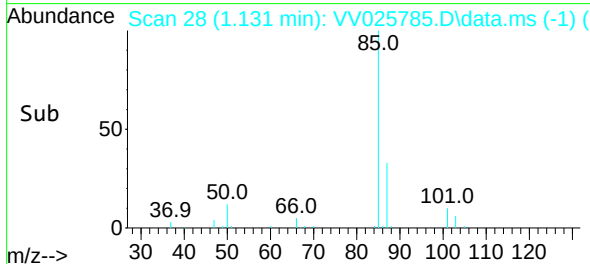
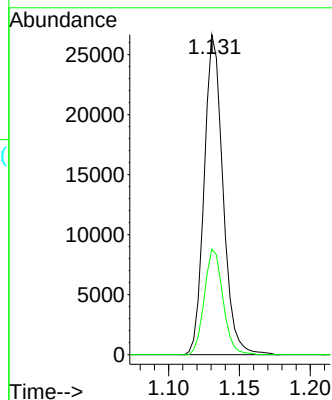
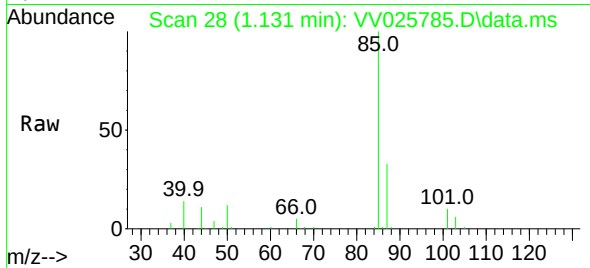




#2
 Dichlorodifluoromethane
 Concen: 1.282 ug/L
 RT: 1.131 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025785.D
 Acq: 03 May 2022 11:22

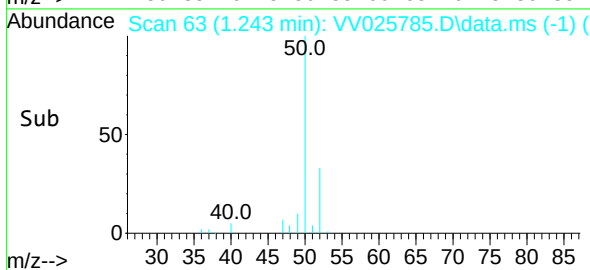
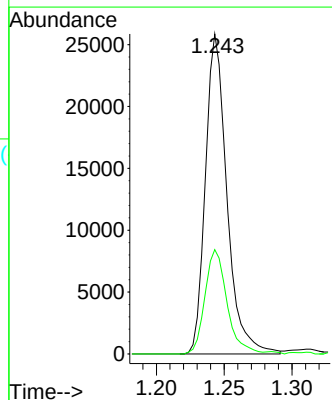
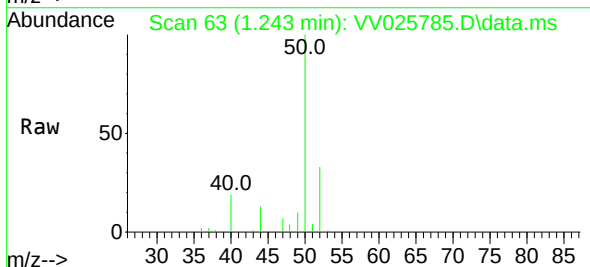
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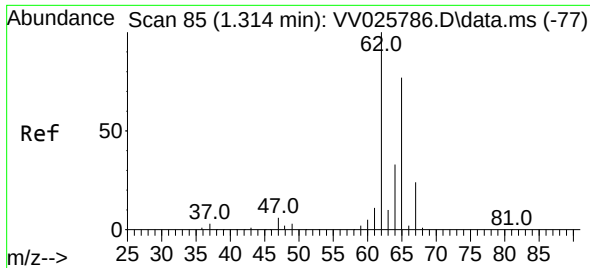
Tgt Ion: 85 Resp: 24524
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.6 38.4



#3
 Chloromethane
 Concen: 1.353 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025785.D
 Acq: 03 May 2022 11:22

Tgt Ion: 50 Resp: 28568
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 43.9

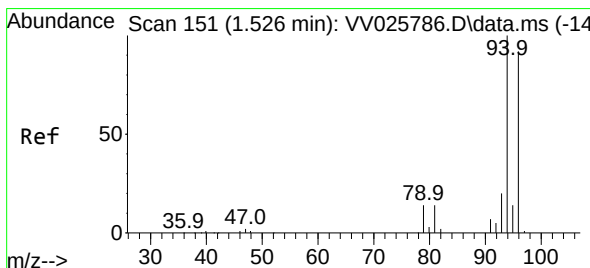
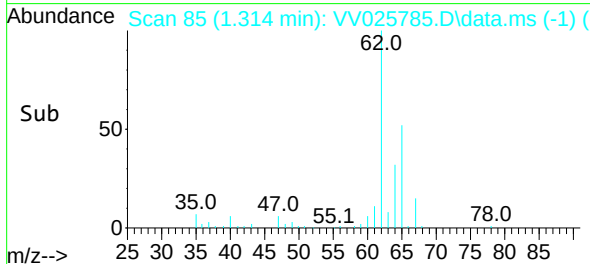
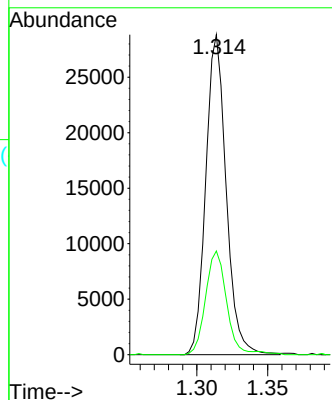
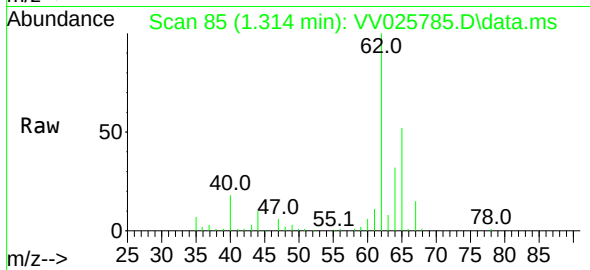




#5
 Vinyl chloride
 Concen: 1.236 ug/L
 RT: 1.314 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV025785.D
 Acq: 03 May 2022 11:22

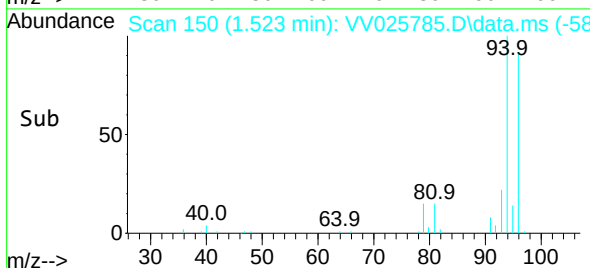
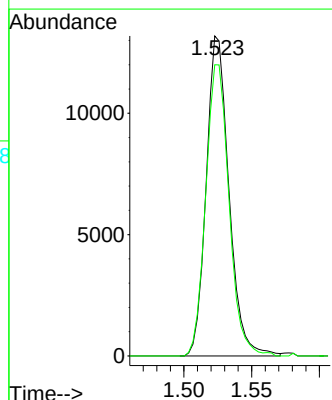
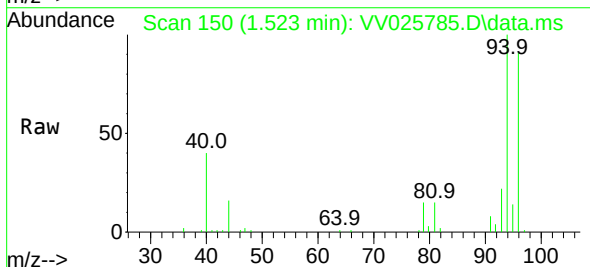
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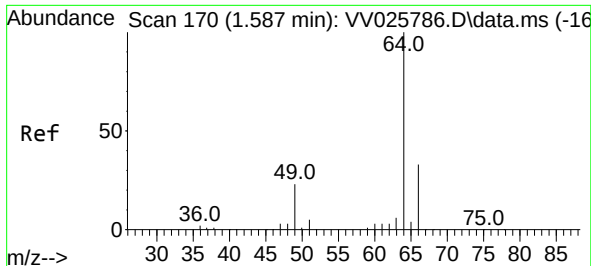
Tgt Ion: 62 Resp: 28738
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.2 43.2



#6
 Bromomethane
 Concen: 0.965 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV025785.D
 Acq: 03 May 2022 11:22

Tgt Ion: 94 Resp: 15397
 Ion Ratio Lower Upper
 94 100
 96 91.0 66.1 122.7

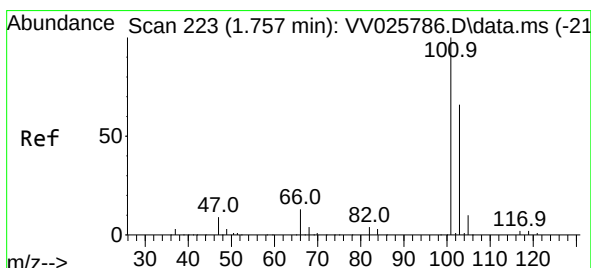
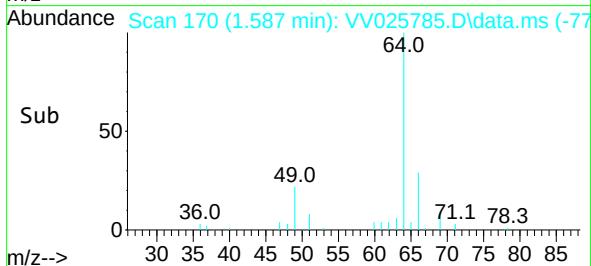
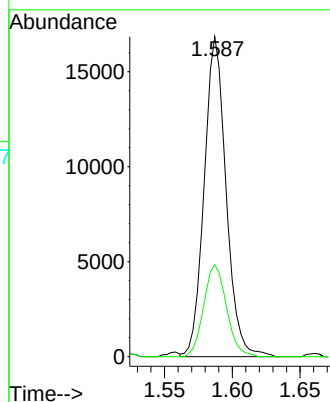
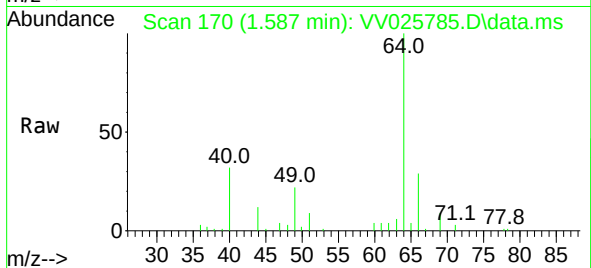




#8
Chloroethane
Concen: 1.085 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

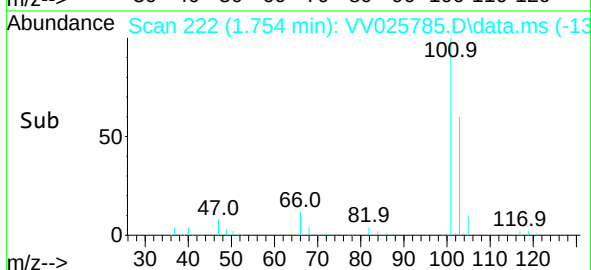
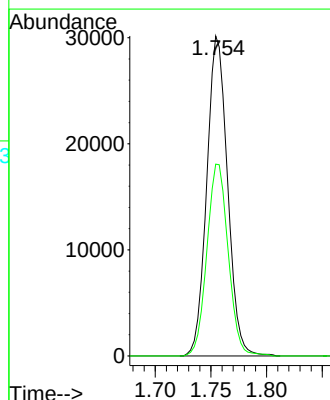
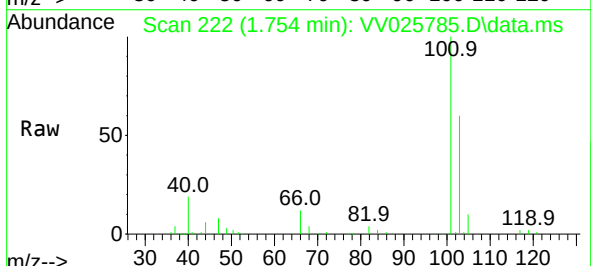
Instrument :
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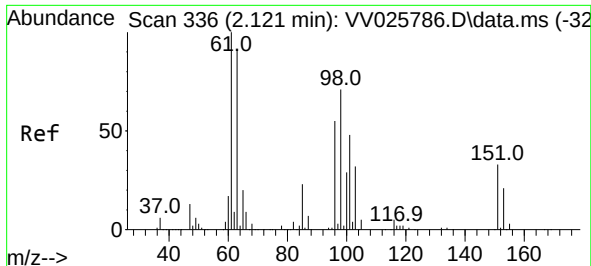
Tgt Ion: 64 Resp: 18923
Ion Ratio Lower Upper
64 100
66 28.8 21.8 40.6



#9
Trichlorofluoromethane
Concen: 1.214 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

Tgt Ion: 101 Resp: 39115
Ion Ratio Lower Upper
101 100
103 61.5 51.9 77.9

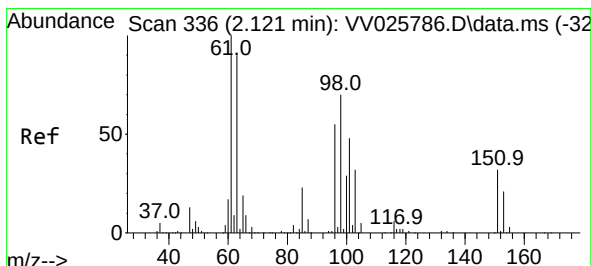
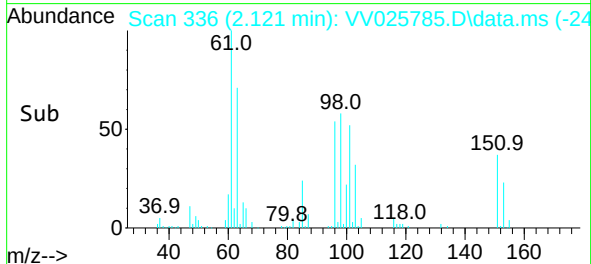
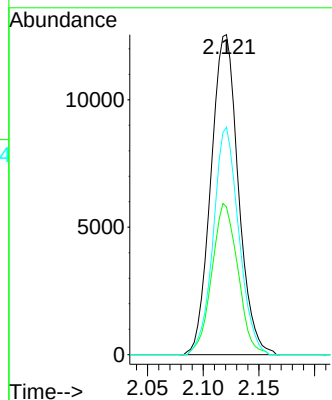
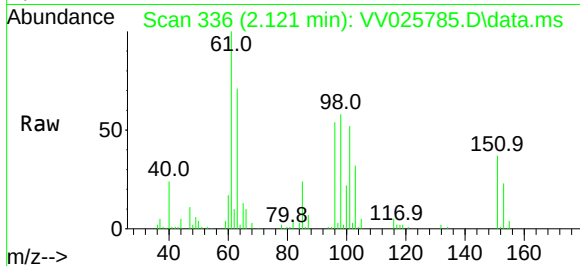




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.197 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025785.D
 Acq: 03 May 2022 11:22

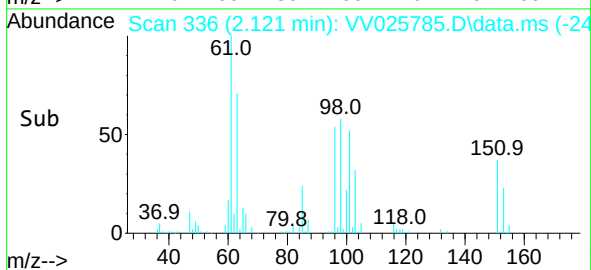
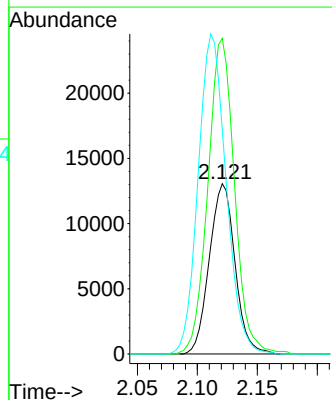
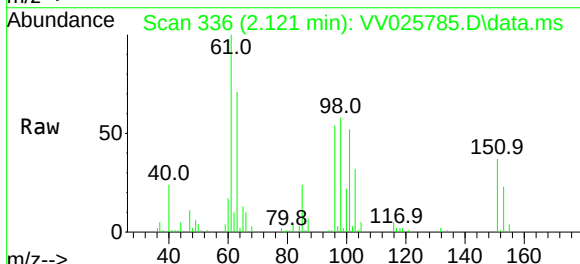
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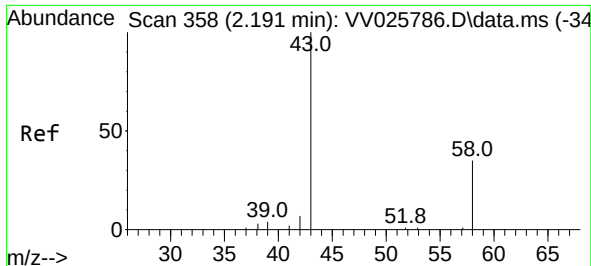
Tgt Ion:101 Resp: 21524
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.9 53.9
 151 66.2 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 1.093 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025785.D
 Acq: 03 May 2022 11:22

Tgt Ion: 96 Resp: 19409
 Ion Ratio Lower Upper
 96 100
 61 185.5 125.2 232.4
 63 131.8 114.4 212.4





#13

Acetone

Concen: 12.814 ug/L

RT: 2.185 min Scan# 358

Delta R.T. -0.006 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

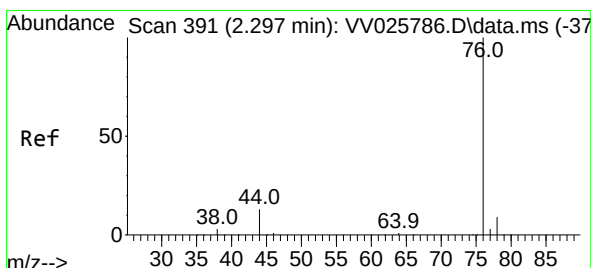
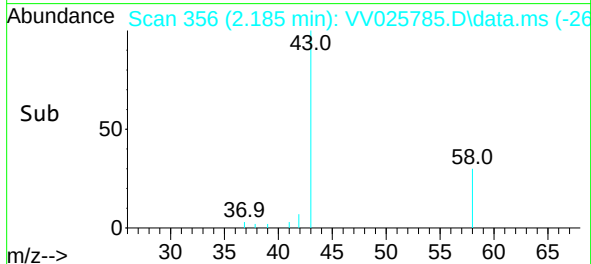
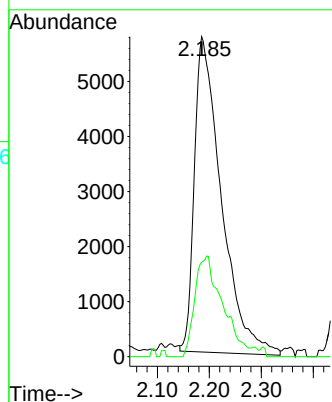
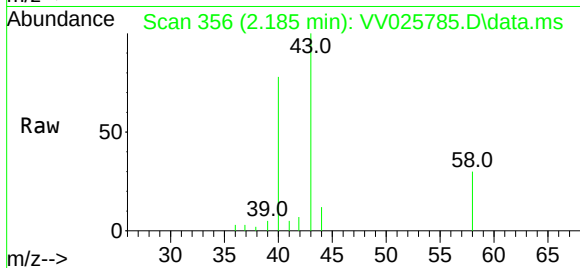
VSTD001238

Tgt Ion: 43 Resp: 20641

Ion Ratio Lower Upper

43 100

58 32.7 0.0 72.2



#14

Carbon disulfide

Concen: 1.144 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025785.D

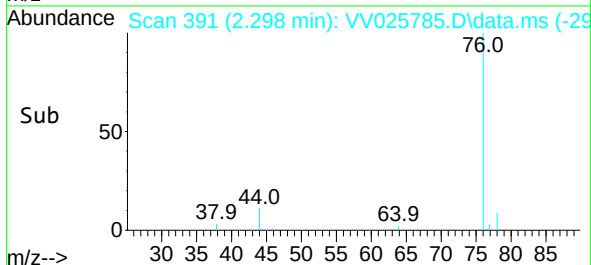
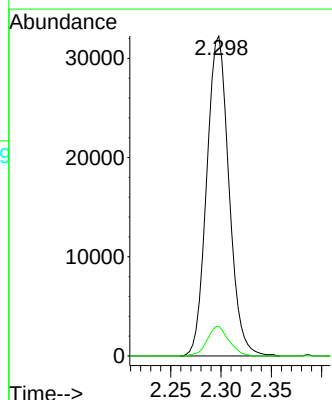
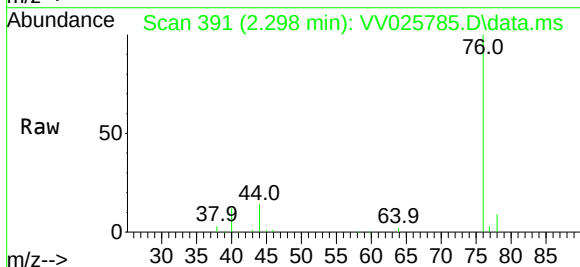
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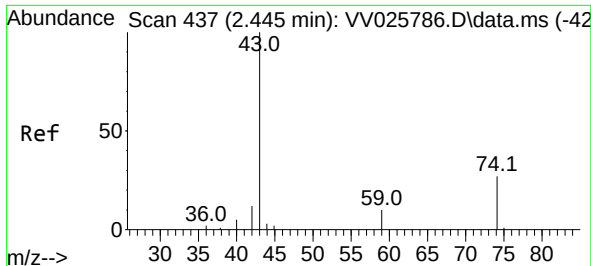
Tgt Ion: 76 Resp: 49632

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

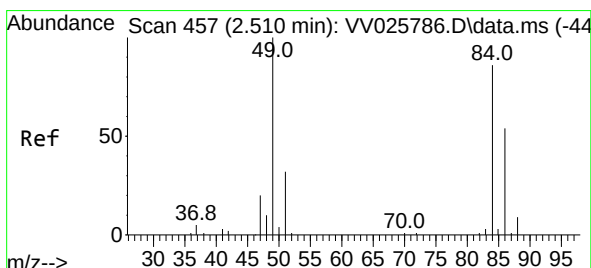
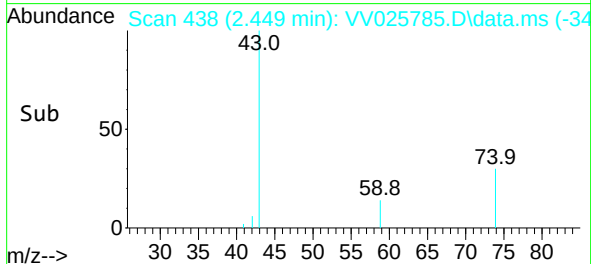
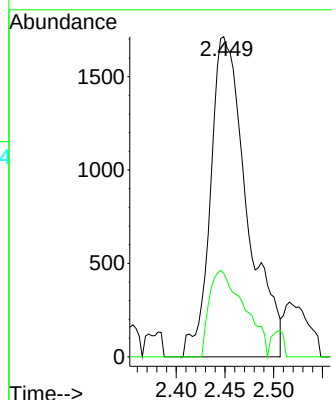
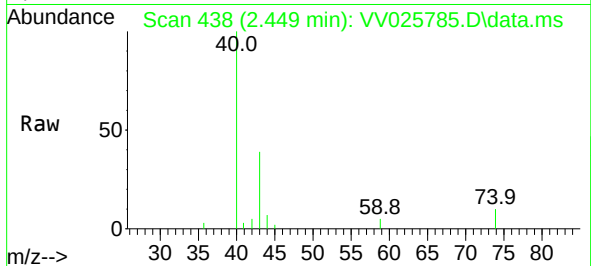




#15
Methyl Acetate
Concen: 1.234 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

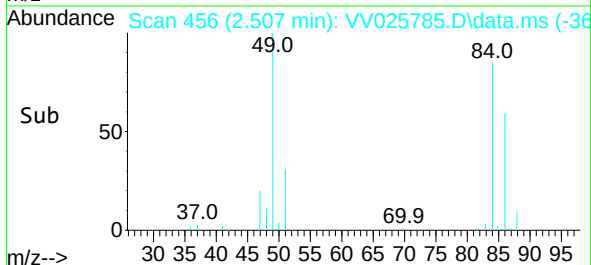
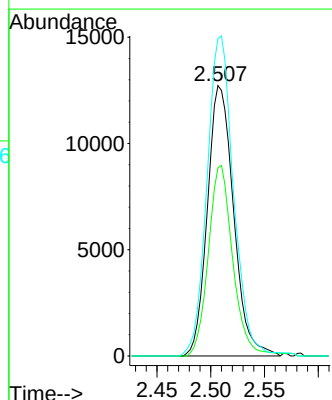
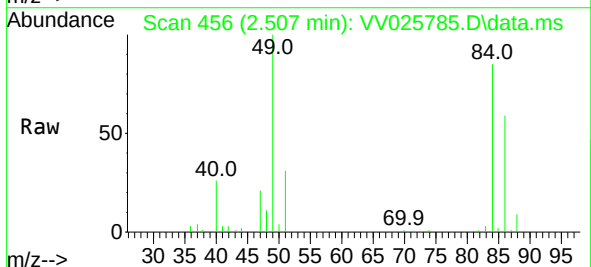
Instrument :
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ClientSampleId :
VSTD001238

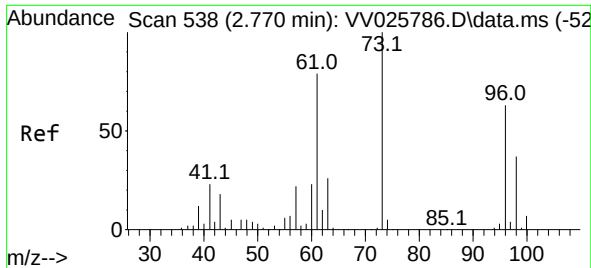
Tgt Ion: 43 Resp: 4459
Ion Ratio Lower Upper
43 100
74 25.8 25.2 37.8



#16
Methylene chloride
Concen: 1.249 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

Tgt Ion: 84 Resp: 21571
Ion Ratio Lower Upper
84 100
86 69.6 45.9 85.3
49 117.5 76.6 142.3

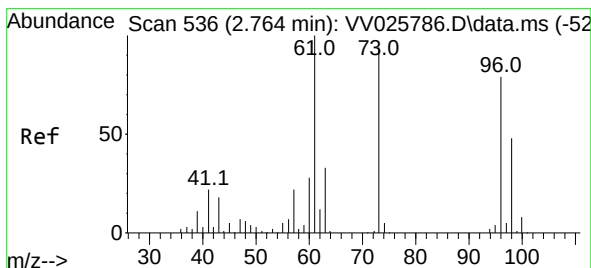
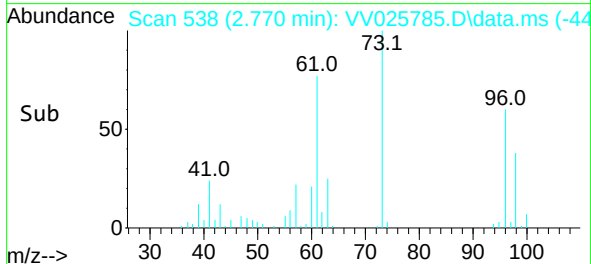
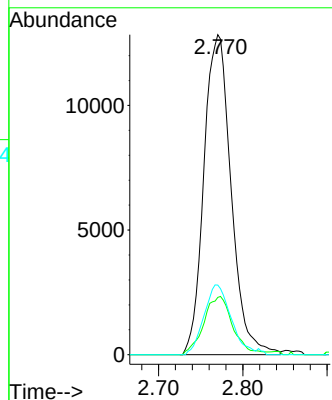
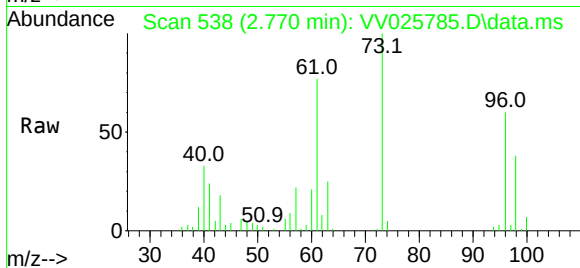




#17
Methyl tert-butyl Ether
Concen: 1.049 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

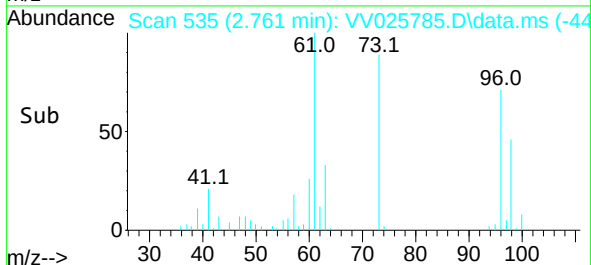
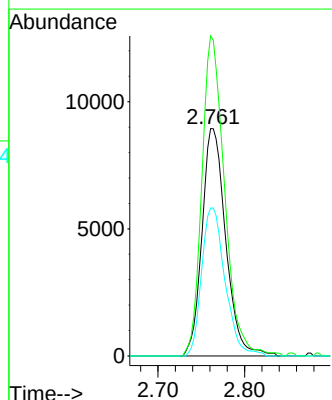
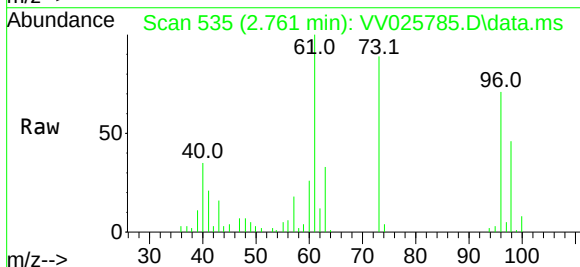
Instrument :
MSVOA_V
ClientSampleId :
VSTD001238

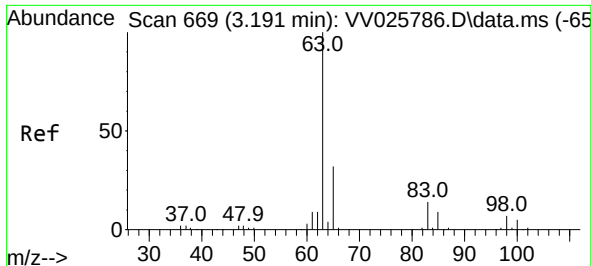
Tgt Ion: 73 Resp: 28852
Ion Ratio Lower Upper
73 100
43 19.5 14.2 21.4
57 21.6 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 1.132 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

Tgt Ion: 96 Resp: 17038
Ion Ratio Lower Upper
96 100
61 140.7 92.1 171.1
98 65.1 47.5 88.1





#19

1,1-Dichloroethane

Concen: 1.191 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

VSTD001238

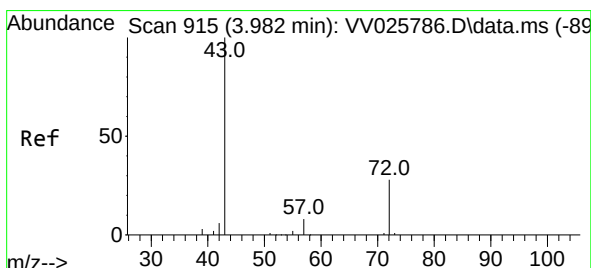
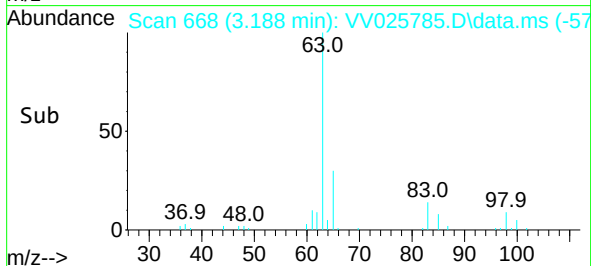
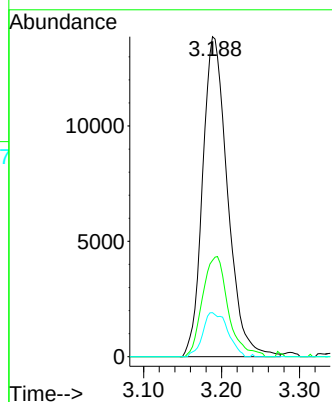
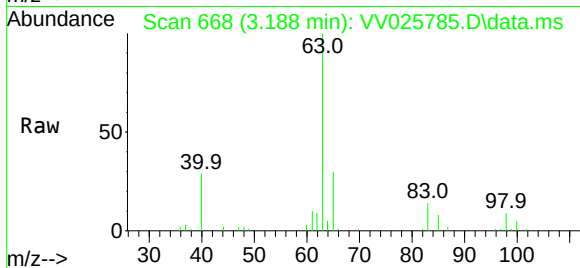
Tgt Ion: 63 Resp: 30841

Ion Ratio Lower Upper

63 100

65 30.1 23.2 43.0

83 13.7 9.0 16.8



#21

2-Butanone

Concen: 10.248 ug/L

RT: 3.999 min Scan# 920

Delta R.T. 0.016 min

Lab File: VV025785.D

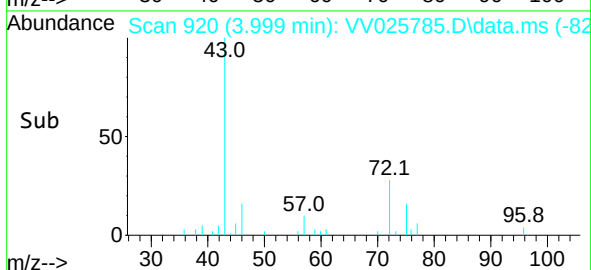
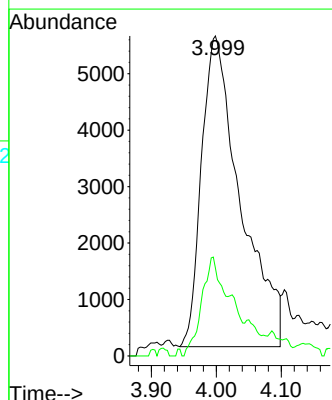
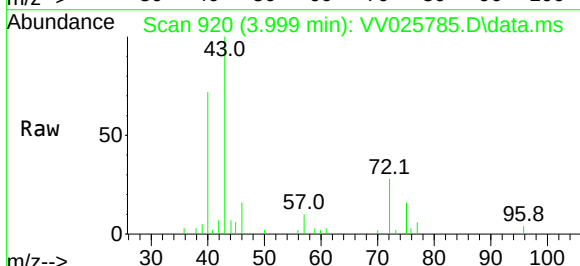
Acq: 03 May 2022 11:22

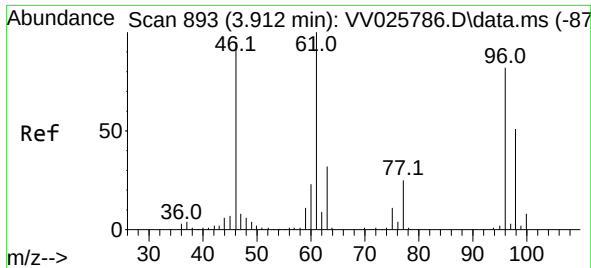
Tgt Ion: 43 Resp: 23015

Ion Ratio Lower Upper

43 100

72 17.3 15.2 45.6

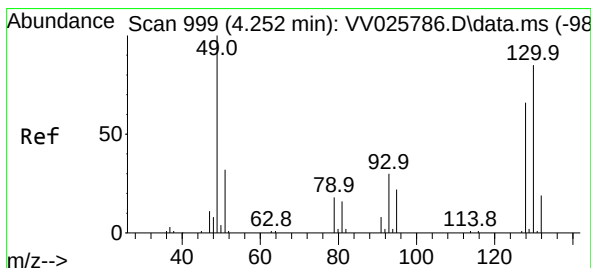
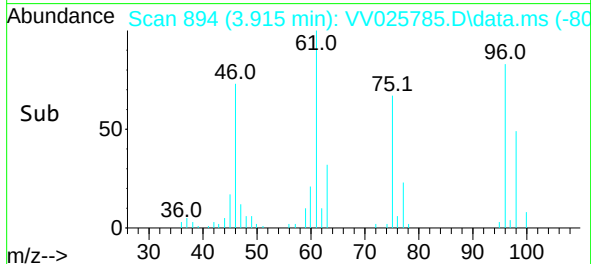
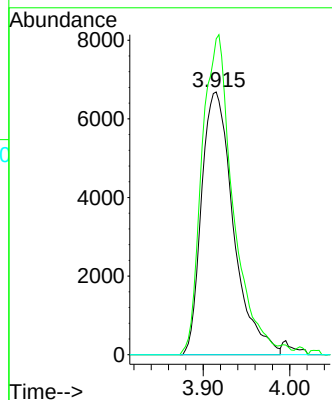
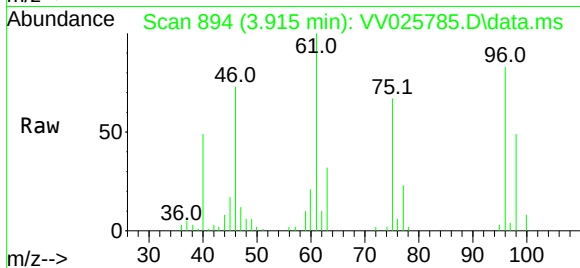




#22
 cis-1,2-Dichloroethene
 Concen: 1.090 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV025785.D
 Acq: 03 May 2022 11:22

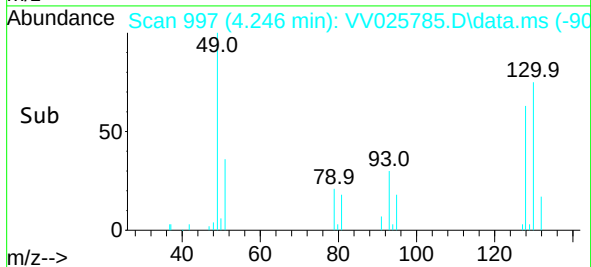
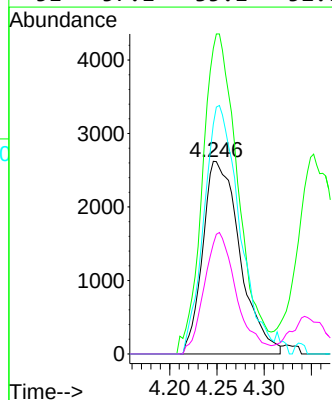
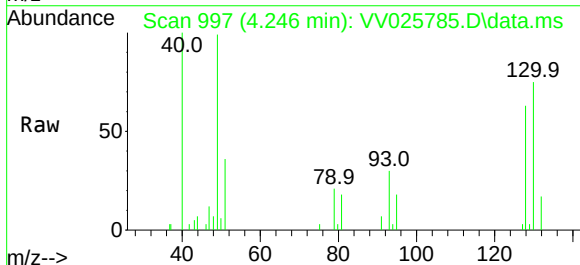
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001238

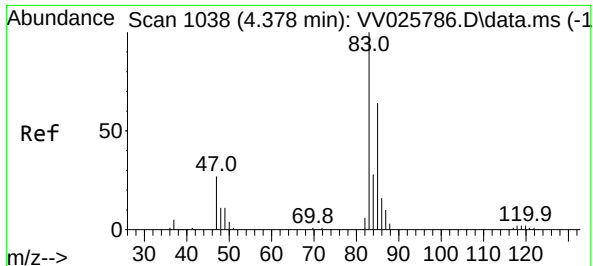
Tgt Ion: 96 Resp: 17103
 Ion Ratio Lower Upper
 96 100
 61 120.3 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 1.094 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VV025785.D
 Acq: 03 May 2022 11:22

Tgt Ion: 128 Resp: 7167
 Ion Ratio Lower Upper
 128 100
 49 158.7 100.5 186.7
 130 119.3 87.8 163.0
 51 57.1 35.1 52.7#





#25

Chloroform

Concen: 1.189 ug/L

RT: 4.375 min Scan# 1038

Delta R.T. -0.003 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

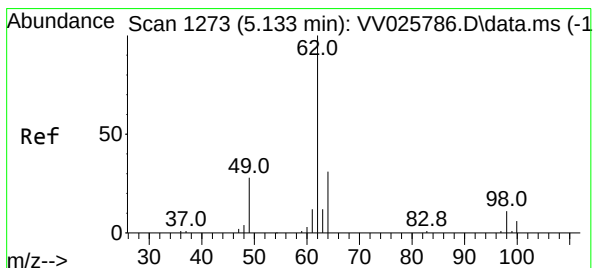
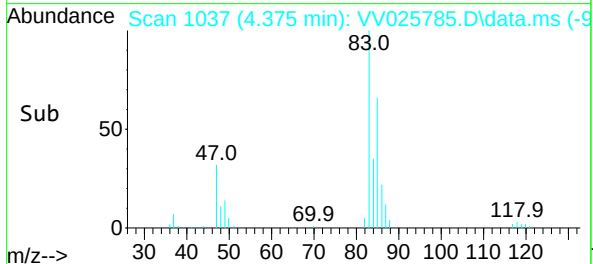
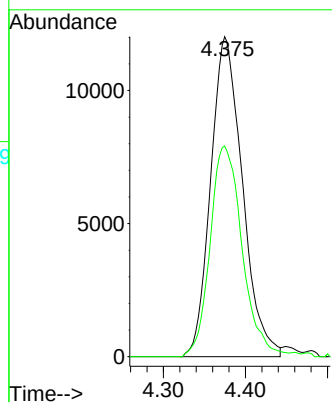
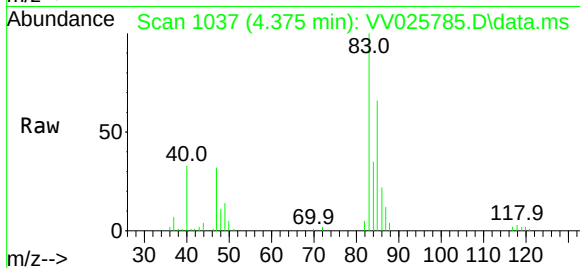
VSTD001238

Tgt Ion: 83 Resp: 32272

Ion Ratio Lower Upper

83 100

85 65.9 43.5 80.7



#27

1,2-Dichloroethane

Concen: 1.169 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV025785.D

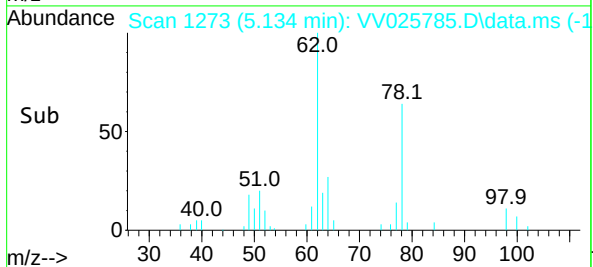
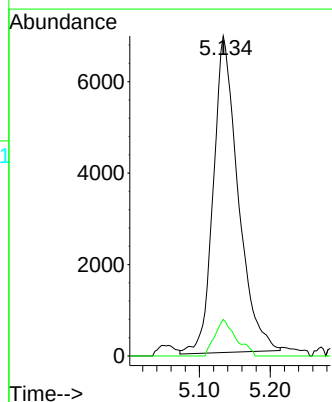
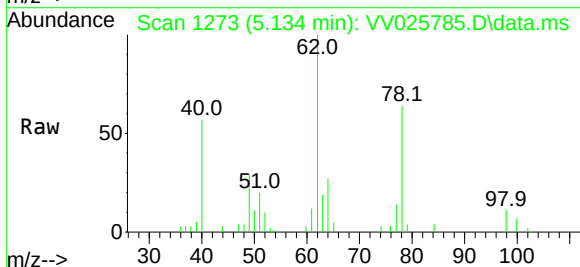
Acq: 03 May 2022 11:22

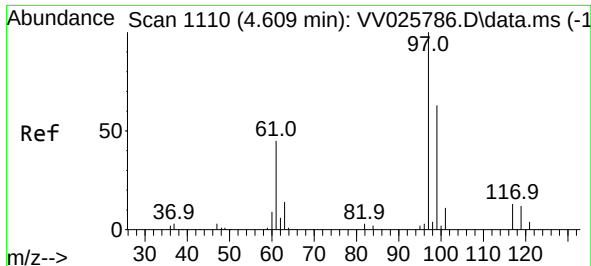
Tgt Ion: 62 Resp: 16878

Ion Ratio Lower Upper

62 100

98 11.4 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 1.087 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

VSTD001238

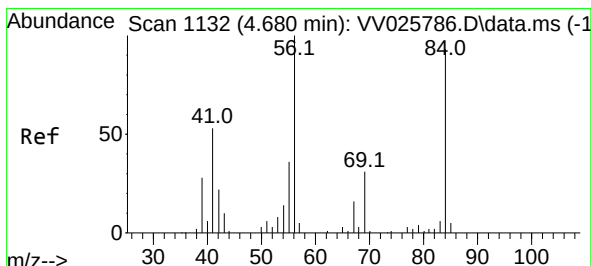
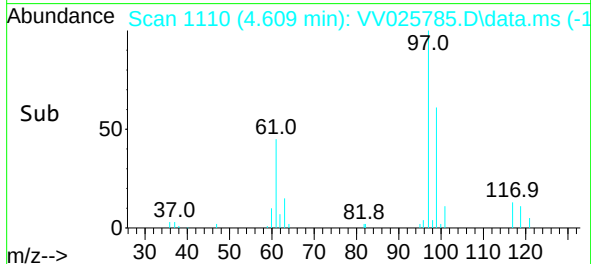
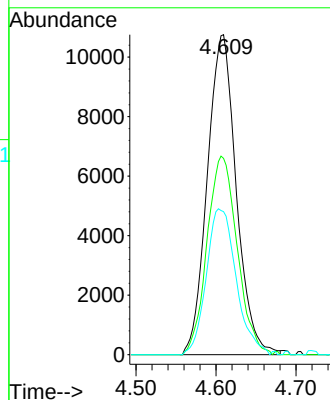
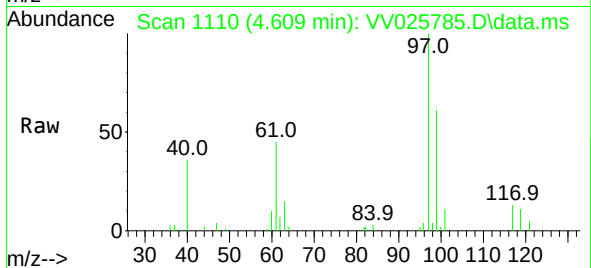
Tgt Ion: 97 Resp: 27085

Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

61 46.9 34.3 51.5



#30

Cyclohexane

Concen: 1.038 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

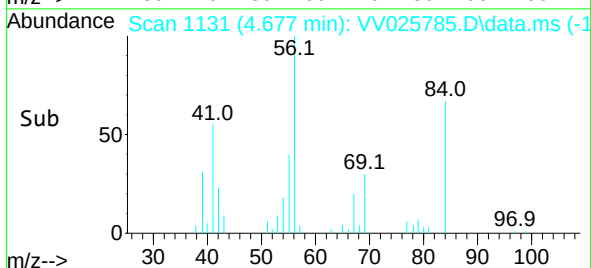
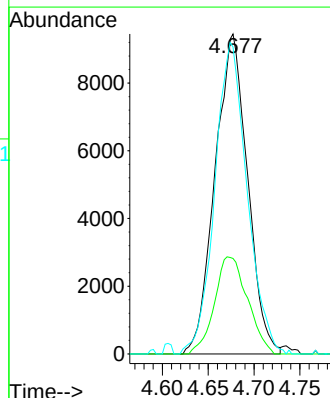
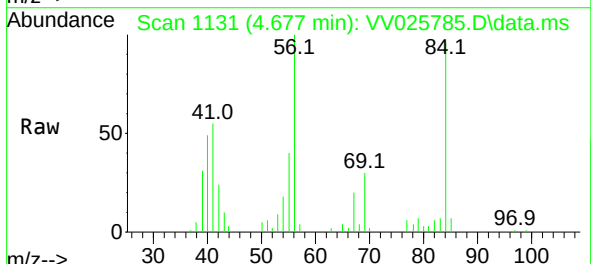
Tgt Ion: 56 Resp: 23307

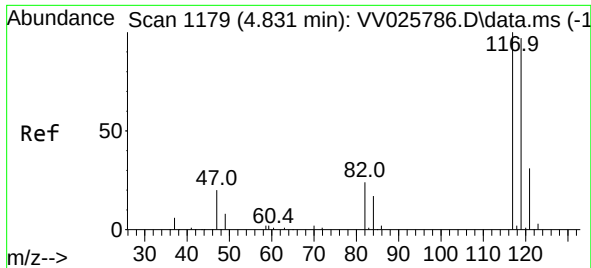
Ion Ratio Lower Upper

56 100

69 30.8 26.1 39.1

84 96.7 78.6 118.0

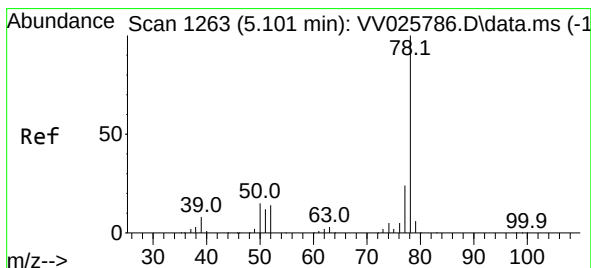
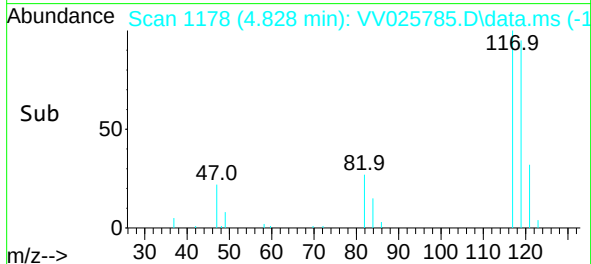
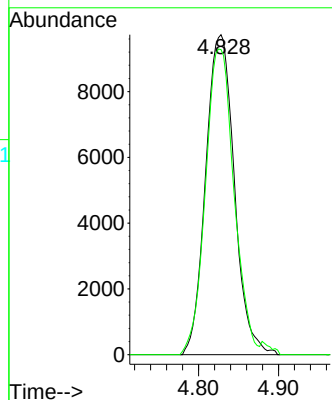
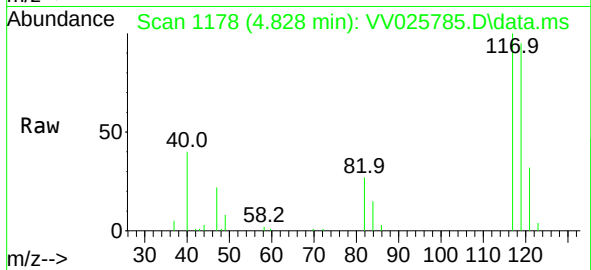




#31
Carbon tetrachloride
Concen: 1.154 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

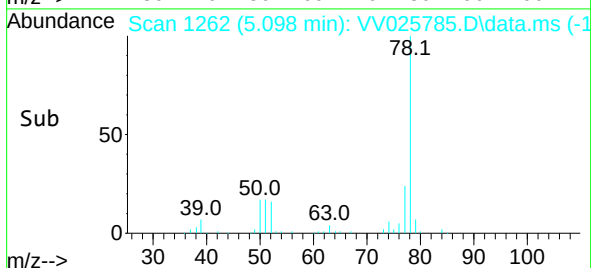
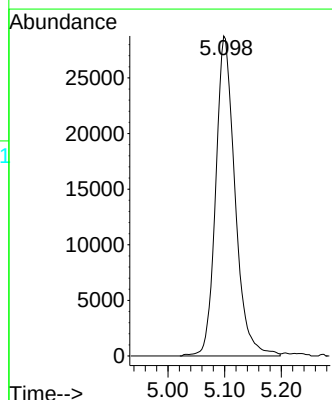
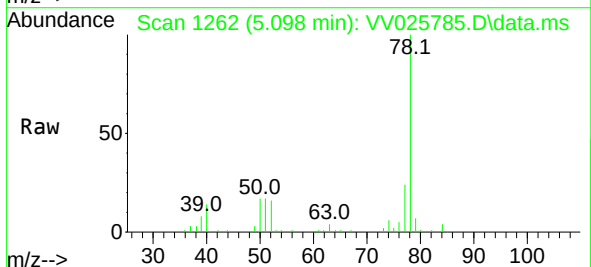
Instrument :
MSVOA_V
ClientSampleId :
VSTD001238

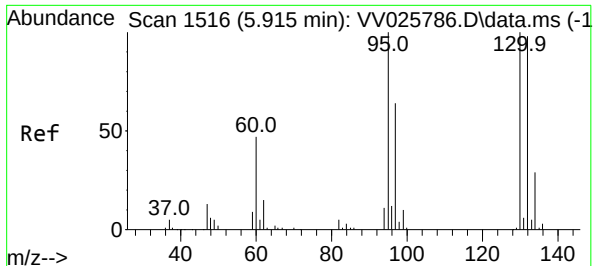
Tgt Ion:117 Resp: 24229
Ion Ratio Lower Upper
117 100
119 95.2 76.6 114.8



#33
Benzene
Concen: 1.091 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

Tgt Ion: 78 Resp: 67949





#34

Trichloroethene

Concen: 1.064 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

VSTD001238

Tgt Ion: 95 Resp: 17366

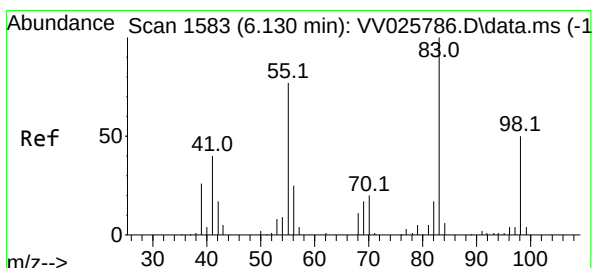
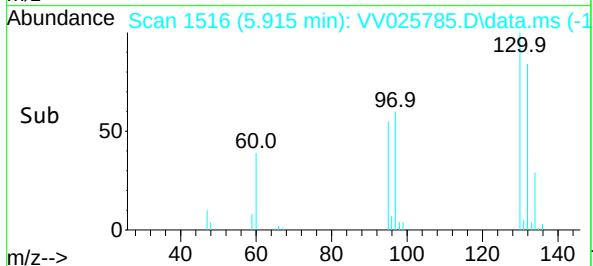
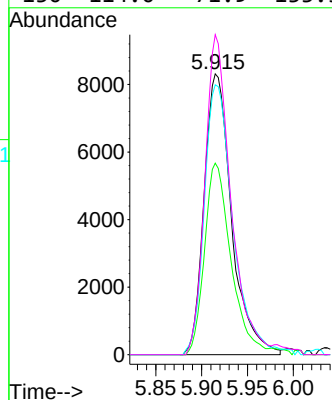
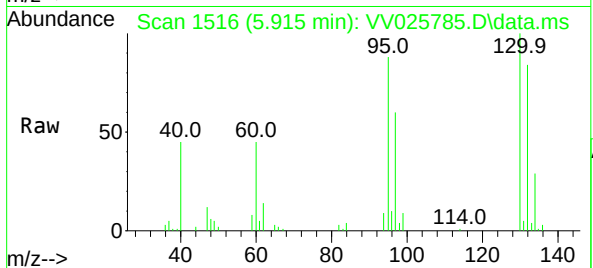
Ion Ratio Lower Upper

95 100

97 68.2 45.8 85.2

132 96.1 68.0 126.4

130 114.0 71.9 133.5



#35

Methylcyclohexane

Concen: 0.989 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

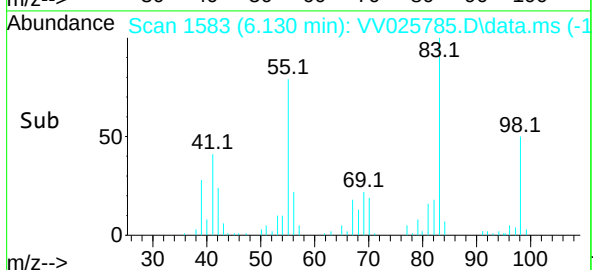
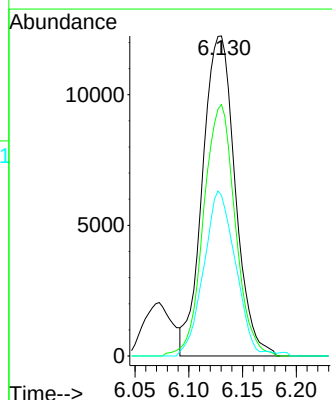
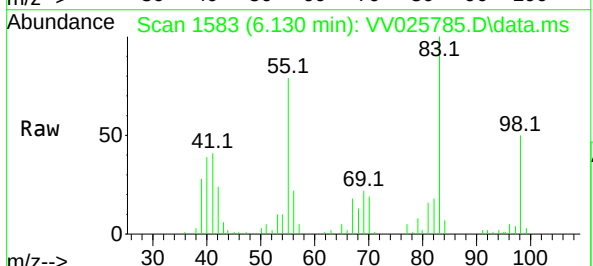
Tgt Ion: 83 Resp: 25859

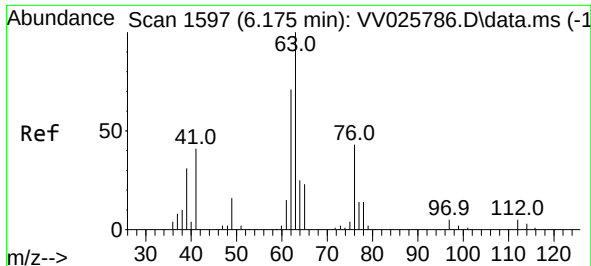
Ion Ratio Lower Upper

83 100

55 75.9 53.7 80.5

98 49.7 39.6 59.4





#37

1,2-Dichloropropane

Concen: 1.106 ug/L

RT: 6.172 min Scan# 1597

Delta R.T. -0.003 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

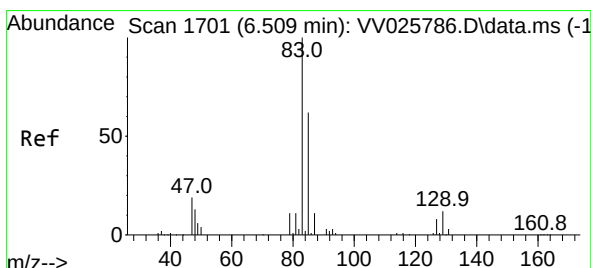
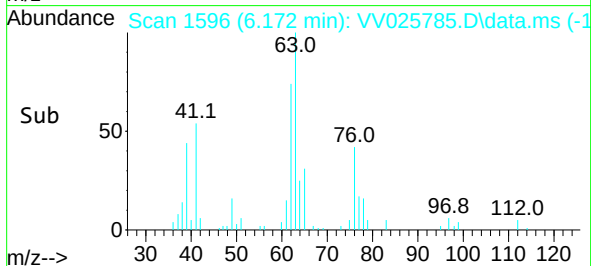
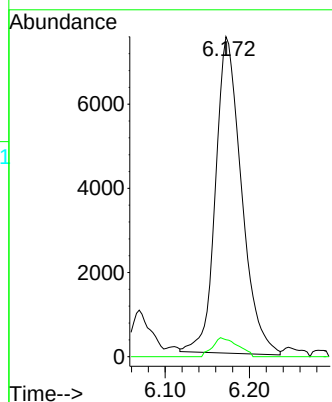
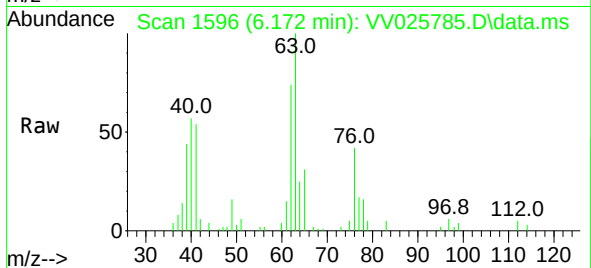
VSTD001238

Tgt Ion: 63 Resp: 16103

Ion Ratio Lower Upper

63 100

112 5.8 3.8 5.8



#38

Bromodichloromethane

Concen: 1.145 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

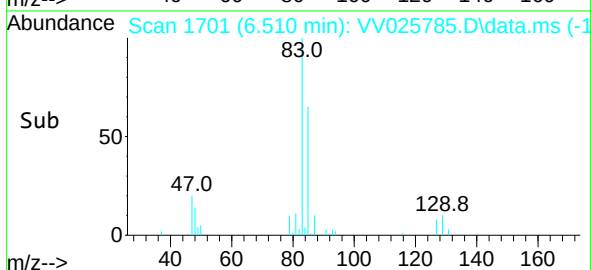
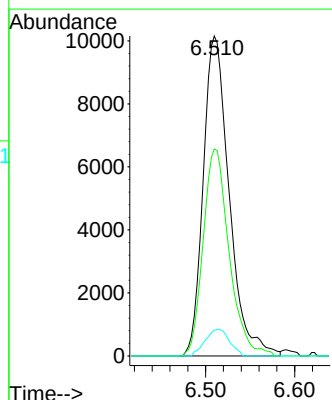
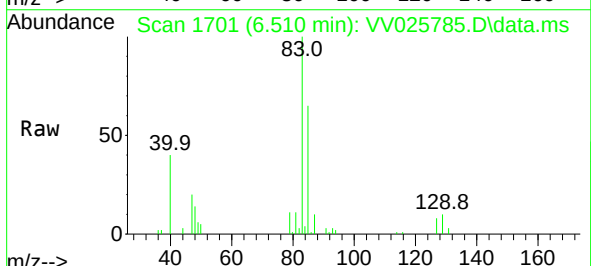
Tgt Ion: 83 Resp: 20548

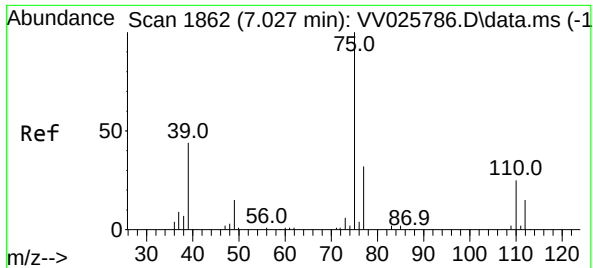
Ion Ratio Lower Upper

83 100

85 64.7 44.4 82.4

127 8.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 1.022 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

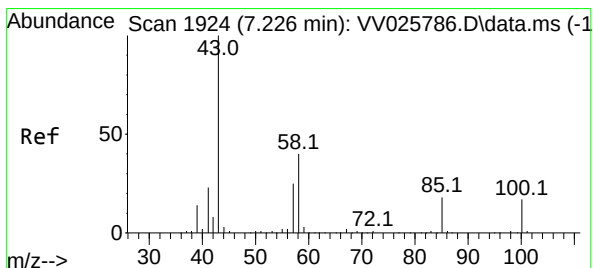
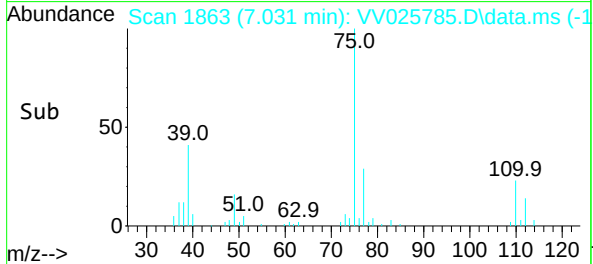
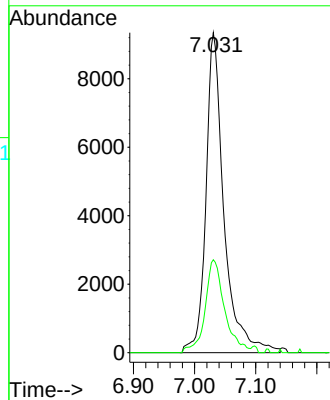
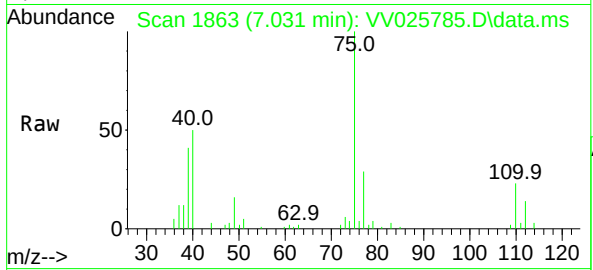
VSTD001238

Tgt Ion: 75 Resp: 19092

Ion Ratio Lower Upper

75 100

77 29.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 10.251 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

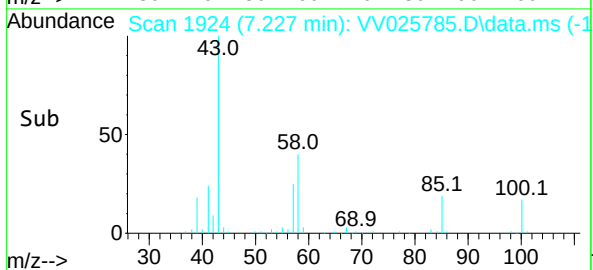
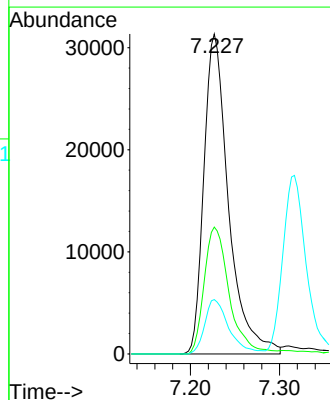
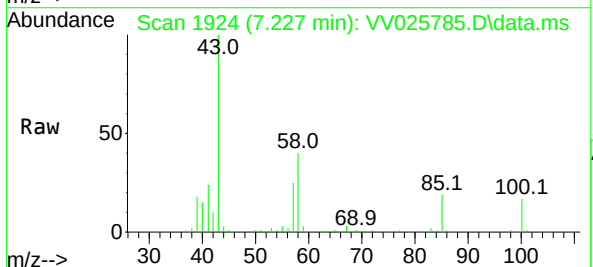
Tgt Ion: 43 Resp: 60329

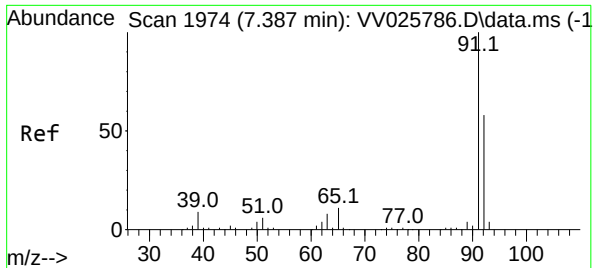
Ion Ratio Lower Upper

43 100

58 40.2 35.1 52.7

100 16.7 15.3 22.9





#42

Toluene

Concen: 1.001 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

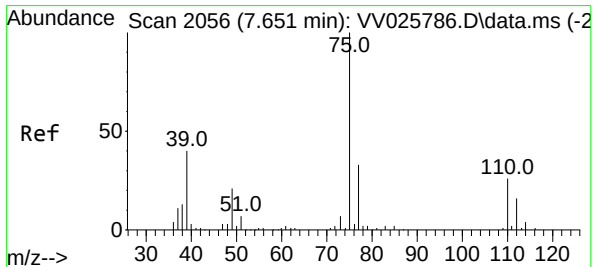
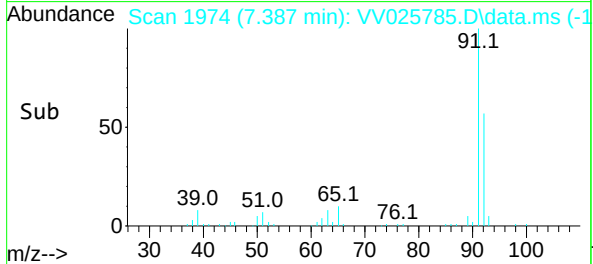
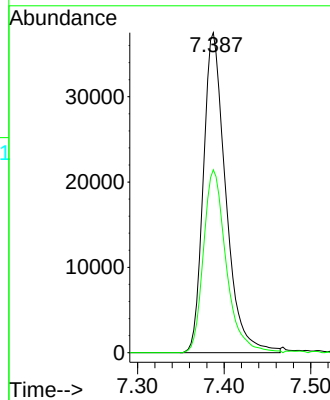
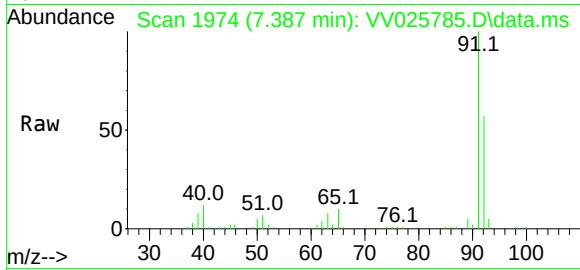
VSTD001238

Tgt Ion: 91 Resp: 67361

Ion Ratio Lower Upper

91 100

92 57.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.990 ug/L

RT: 7.658 min Scan# 2058

Delta R.T. 0.007 min

Lab File: VV025785.D

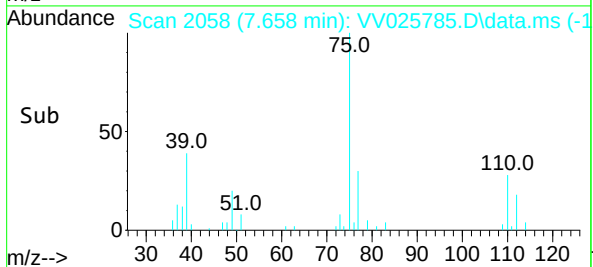
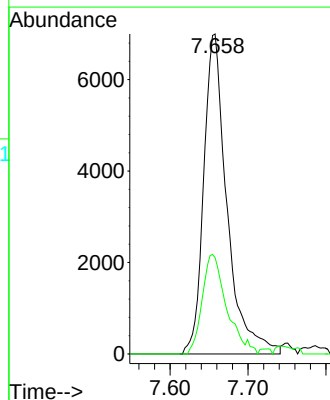
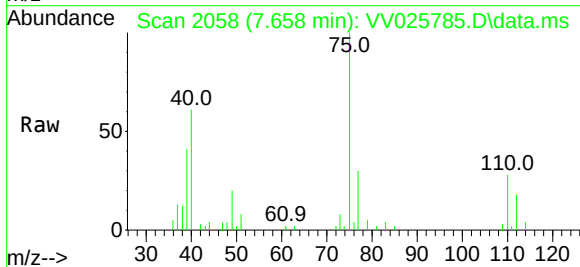
Acq: 03 May 2022 11:22

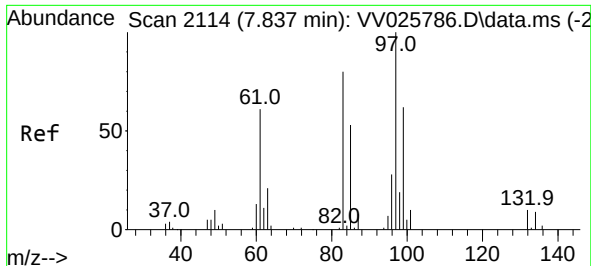
Tgt Ion: 75 Resp: 14542

Ion Ratio Lower Upper

75 100

77 30.1 21.7 40.3

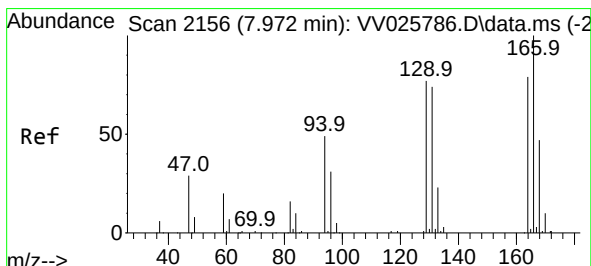
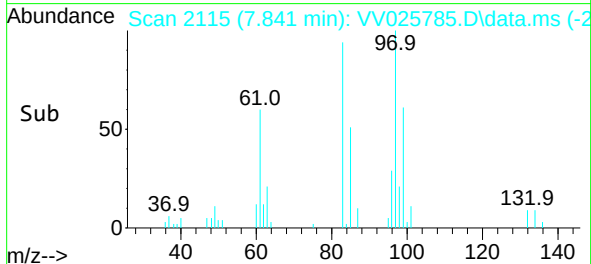
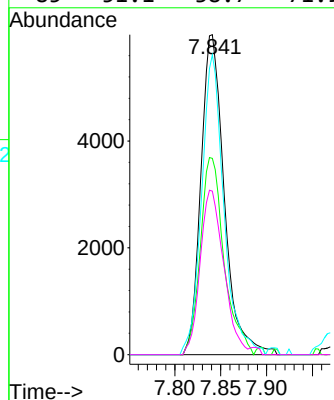
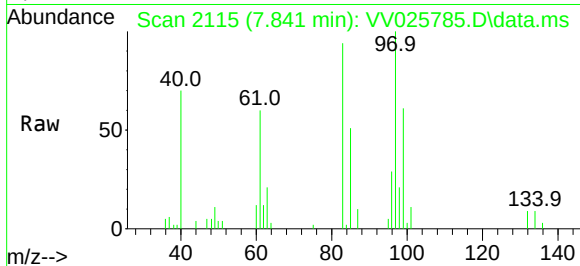




#45
 1,1,2-Trichloroethane
 Concen: 1.105 ug/L
 RT: 7.841 min Scan# 2115
 Delta R.T. 0.003 min
 Lab File: VV025785.D
 Acq: 03 May 2022 11:22

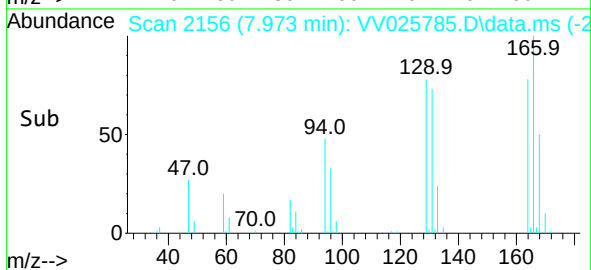
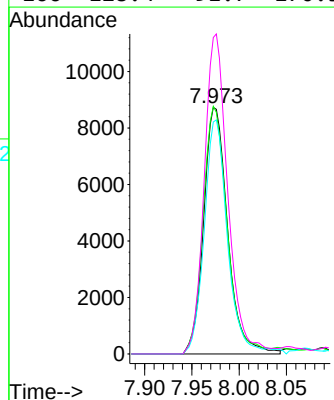
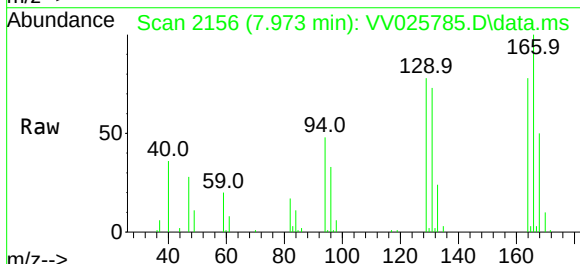
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001238

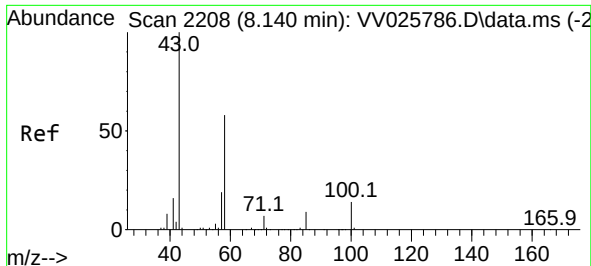
Tgt Ion: 97	Resp: 10634
Ion Ratio	Lower Upper
97 100	
99 61.3	43.8 81.4
83 93.7	60.3 112.1
85 51.1	38.7 71.9



#47
 Tetrachloroethene
 Concen: 1.203 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. 0.000 min
 Lab File: VV025785.D
 Acq: 03 May 2022 11:22

Tgt	Ion:164	Resp:	15437
Ion	Ratio	Lower	Upper
164	100		
129	100.5	66.8	124.2
131	94.1	66.4	123.4
166	128.4	91.7	170.3

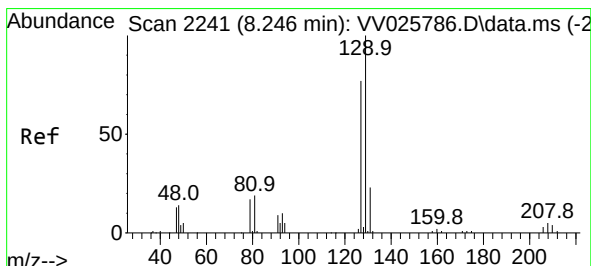
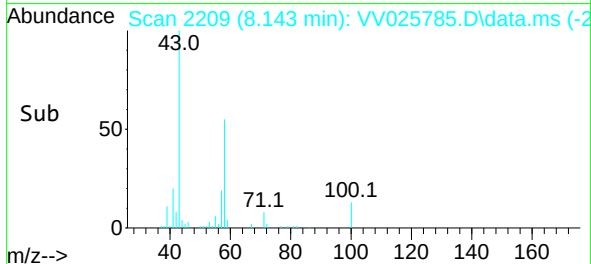
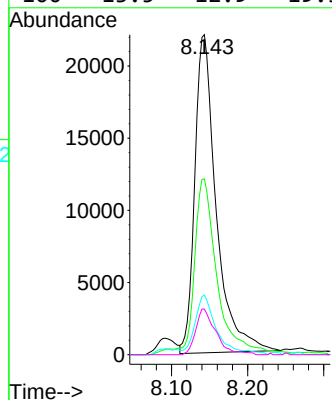
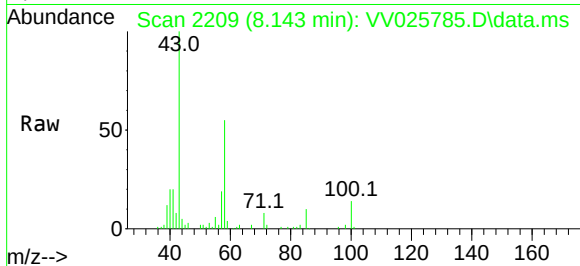




#48
2-Hexanone
Concen: 10.482 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

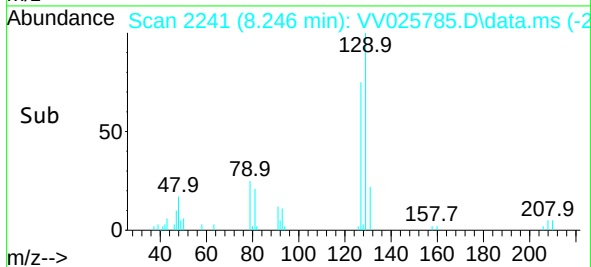
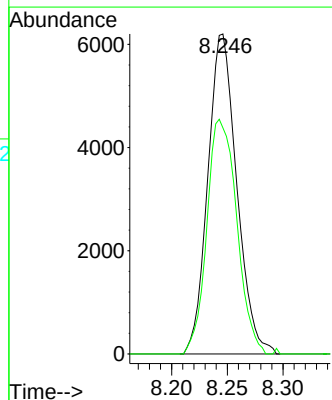
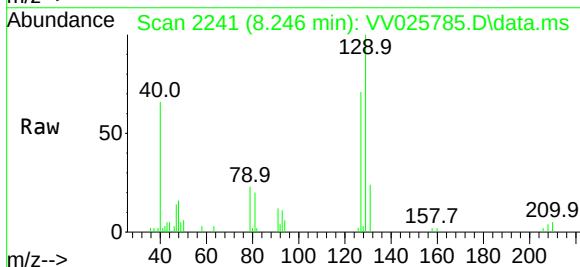
Instrument :
MSVOA_V
ClientSampleId :
VSTD001238

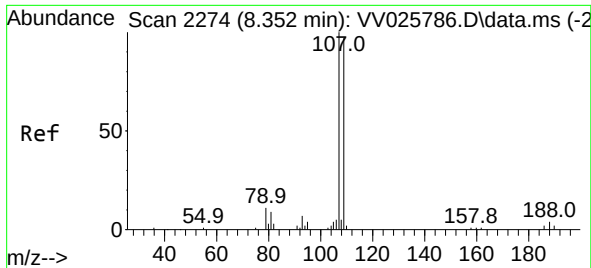
Tgt Ion: 43	Resp: 43193
Ion Ratio	Lower Upper
43 100	
58 56.7	49.7 74.5
57 18.8	16.4 24.6
100 13.5	12.9 19.3



#49
Dibromochloromethane
Concen: 1.064 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

Tgt Ion:129	Resp:	11201	
Ion	Ratio	Lower	Upper
129	100		
127	70.6	53.8	100.0

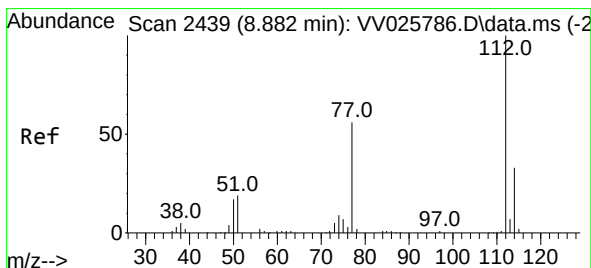
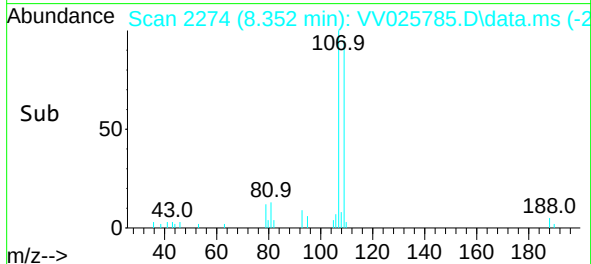
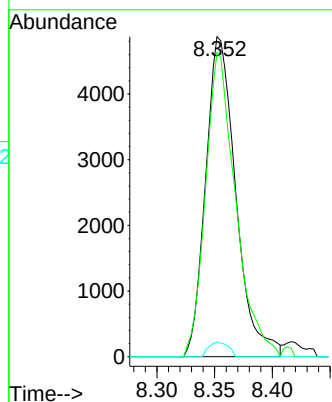
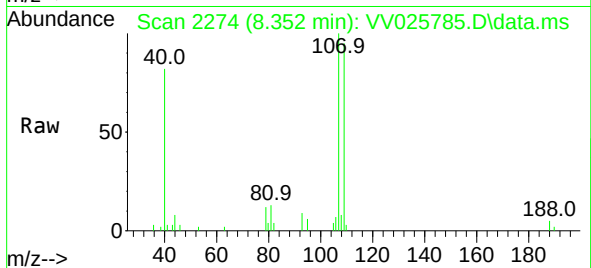




#50
1,2-Dibromoethane
Concen: 0.998 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

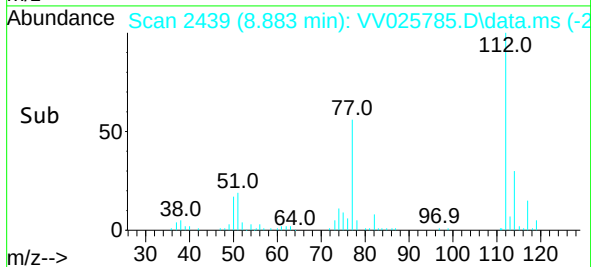
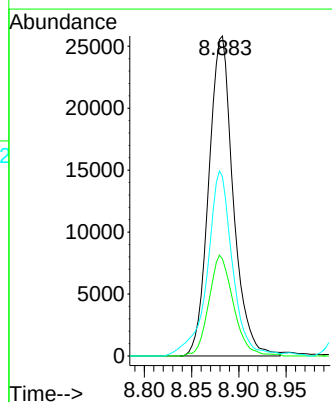
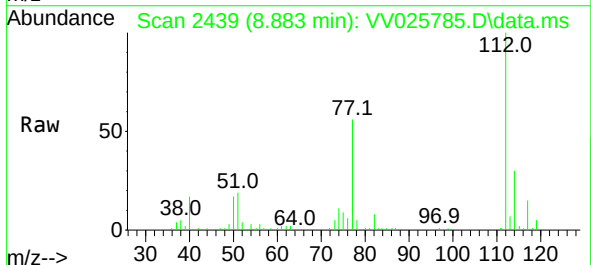
Instrument :
MSVOA_V
ClientSampleId :
VSTD001238

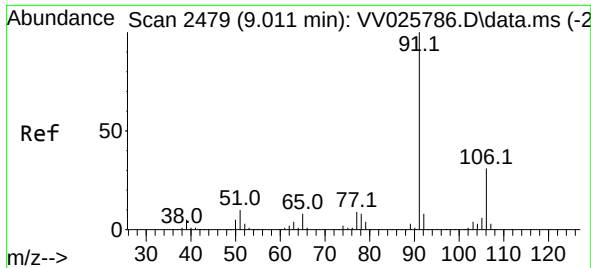
Tgt Ion:107 Resp: 8862
Ion Ratio Lower Upper
107 100
109 95.1 65.9 122.3
188 4.6 2.7 4.1#



#51
Chlorobenzene
Concen: 1.086 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

Tgt Ion:112 Resp: 46388
Ion Ratio Lower Upper
112 100
114 30.3 22.4 41.6
77 56.1 43.7 65.5

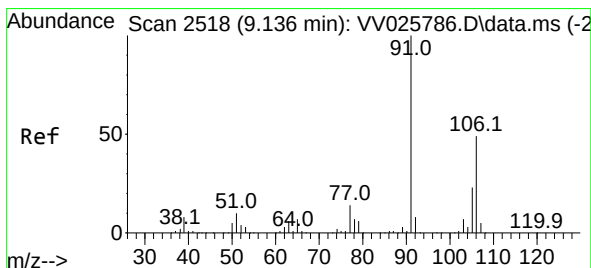
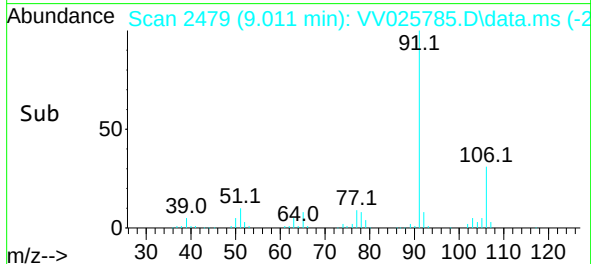
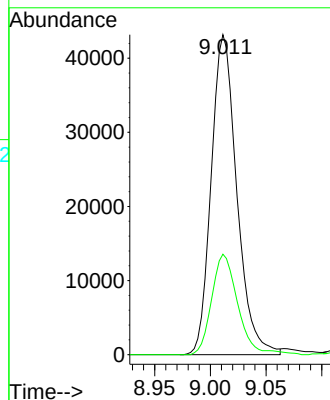
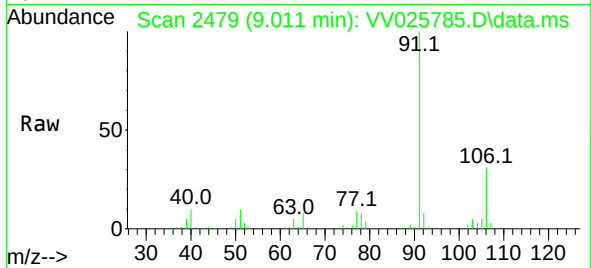




#52
Ethylbenzene
Concen: 0.970 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

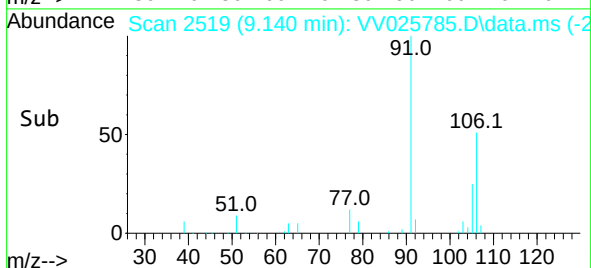
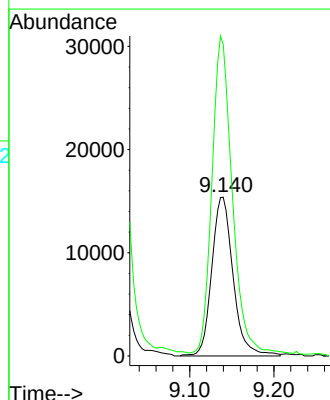
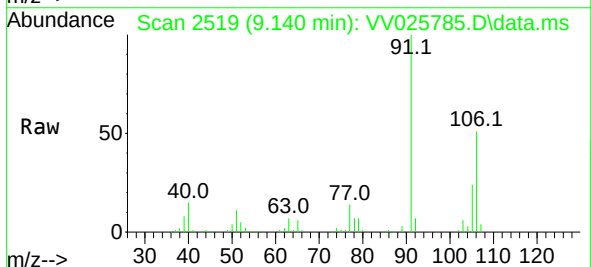
Instrument :
MSVOA_V
ClientSampleId :
VSTD001238

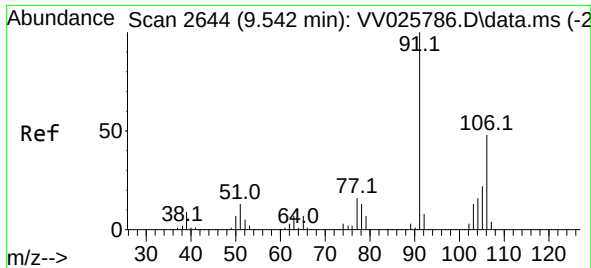
Tgt Ion: 91 Resp: 69068
Ion Ratio Lower Upper
91 100
106 31.4 22.3 41.3



#53
m,p-Xylene
Concen: 1.001 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

Tgt Ion: 106 Resp: 27094
Ion Ratio Lower Upper
106 100
91 196.3 136.4 253.4

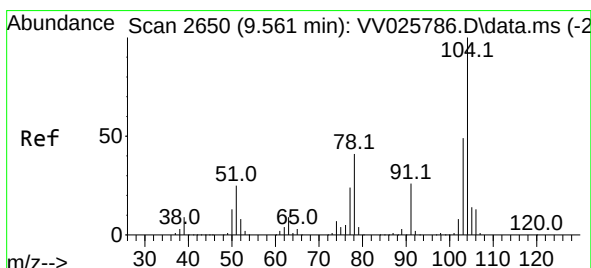
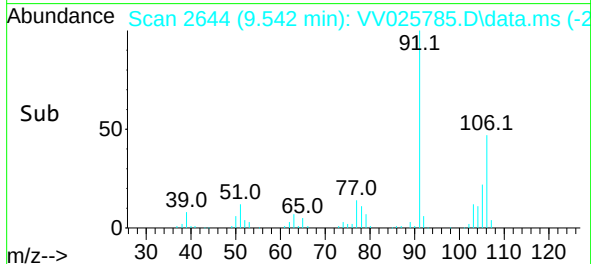
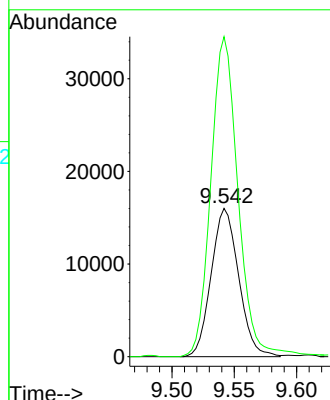
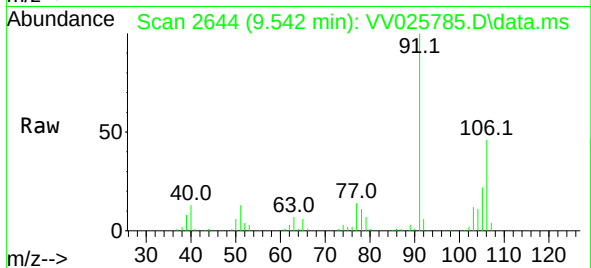




#54
o-Xylene
Concen: 0.935 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

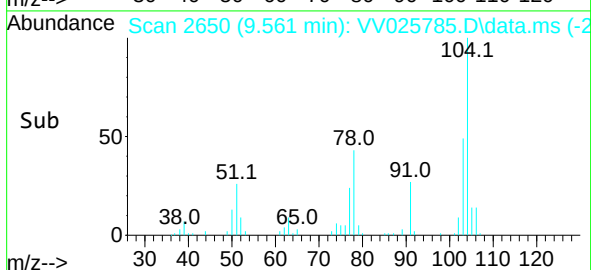
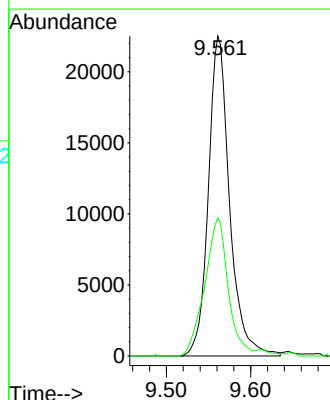
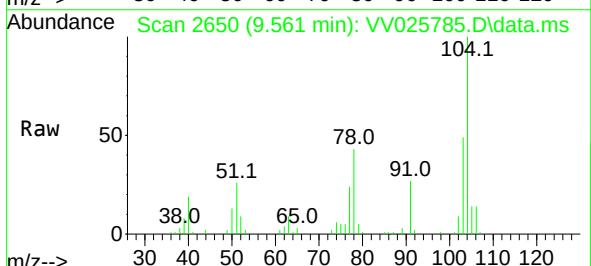
Instrument :
MSVOA_V
ClientSampleId :
VSTD001238

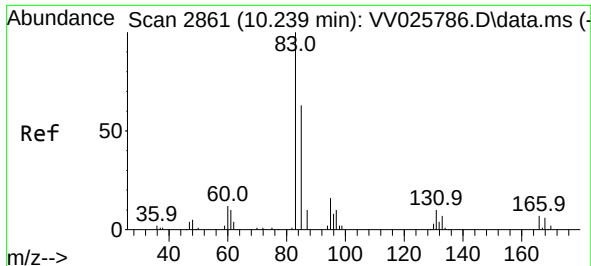
Tgt Ion:106 Resp: 24592
Ion Ratio Lower Upper
106 100
91 215.7 150.4 279.2



#55
Styrene
Concen: 0.911 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

Tgt Ion:104 Resp: 39343
Ion Ratio Lower Upper
104 100
78 43.2 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 1.133 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

VSTD001238

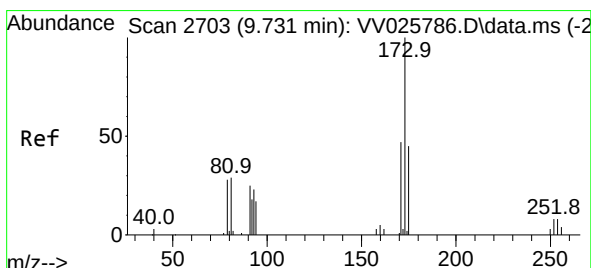
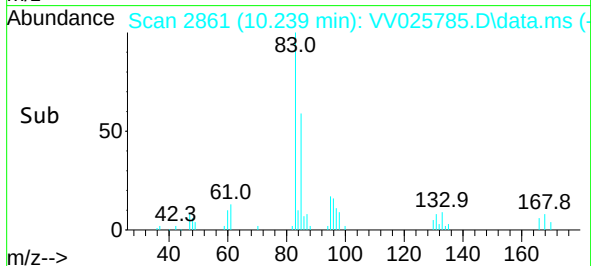
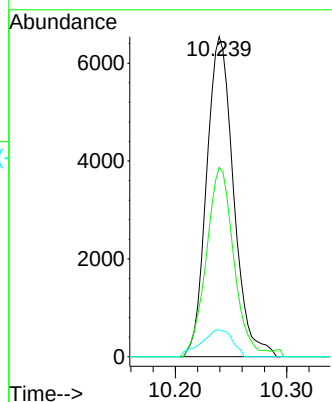
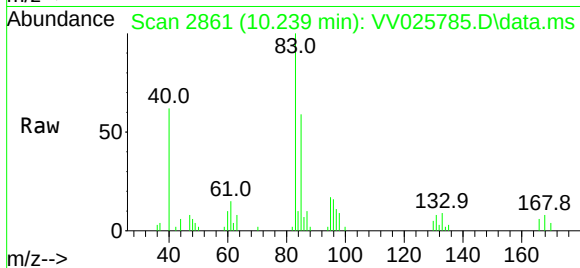
Tgt Ion: 83 Resp: 10993

Ion Ratio Lower Upper

83 100

85 59.1 45.1 83.9

131 8.3 7.9 11.9



#59

Bromoform

Concen: 1.148 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

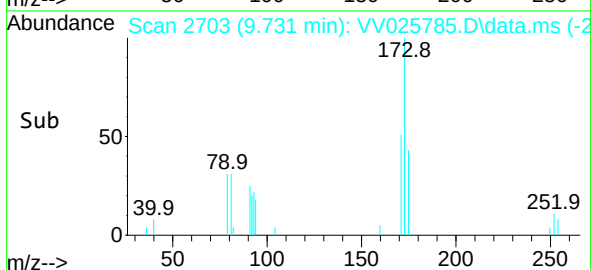
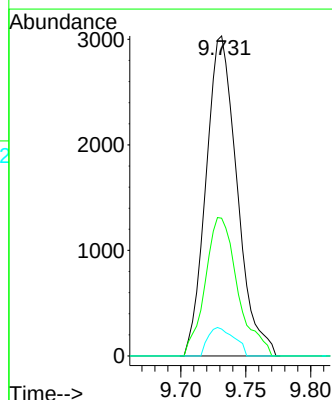
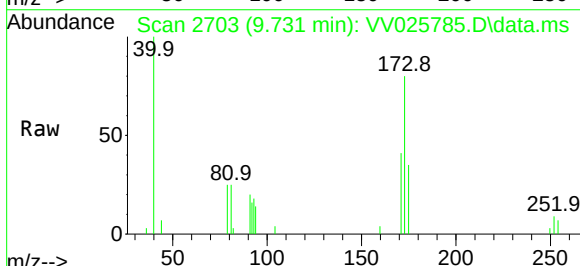
Tgt Ion: 173 Resp: 5043

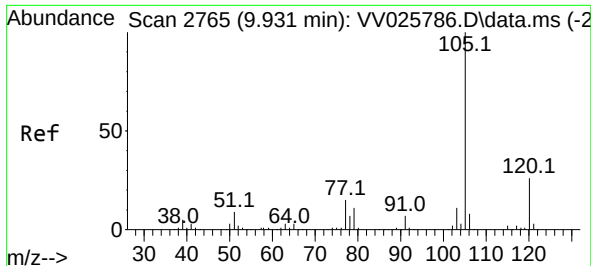
Ion Ratio Lower Upper

173 100

175 45.2 40.8 61.2

254 7.5 7.0 10.6

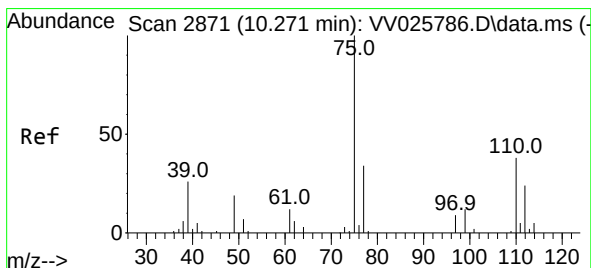
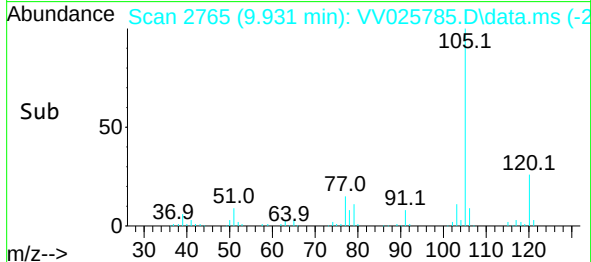
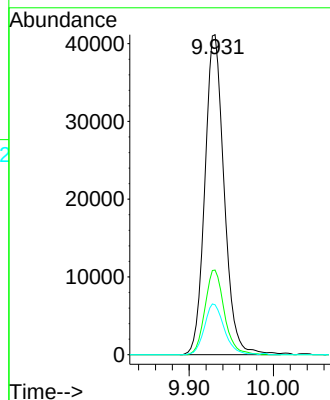
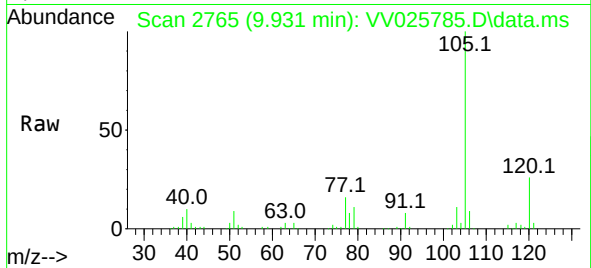




#60
Isopropylbenzene
Concen: 1.010 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

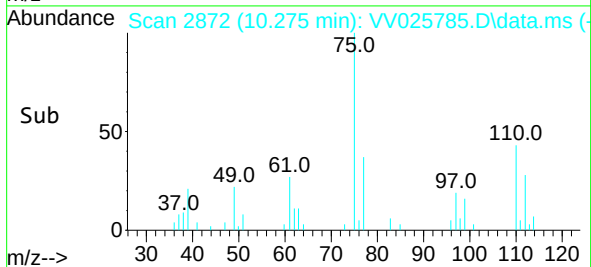
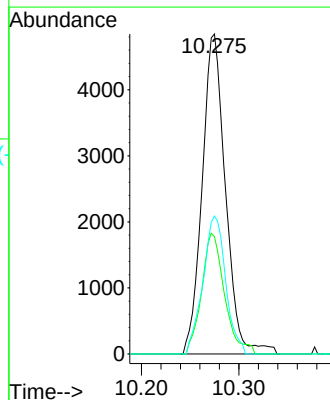
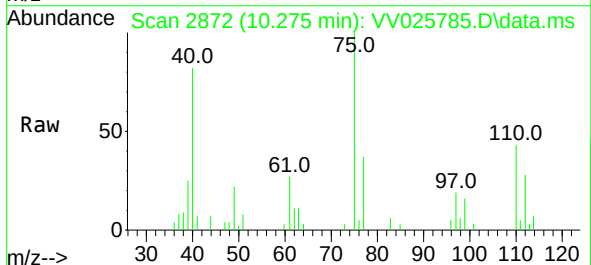
Instrument :
MSVOA_V
ClientSampleId :
VSTD001238

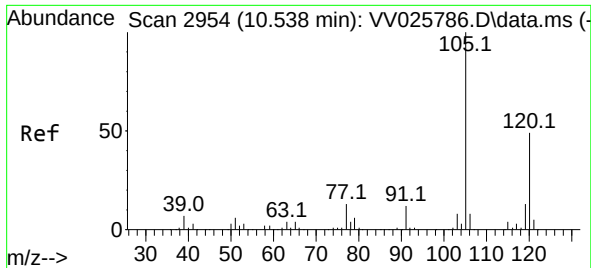
Tgt Ion:105 Resp: 65472
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 16.4 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 1.153 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

Tgt Ion: 75 Resp: 8067
Ion Ratio Lower Upper
75 100
77 36.9 25.6 38.4
110 41.8 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 0.940 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

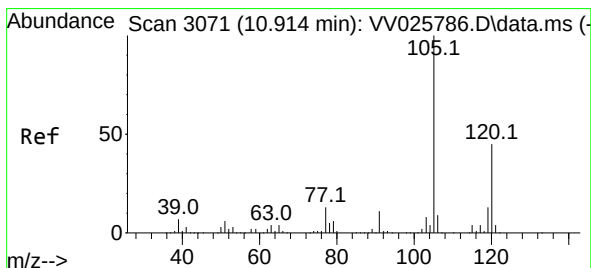
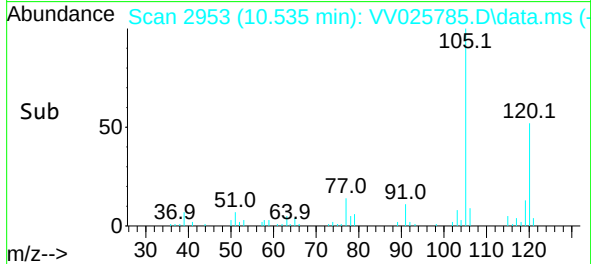
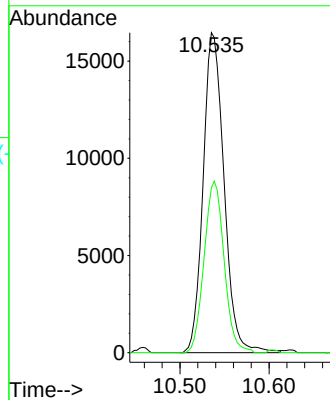
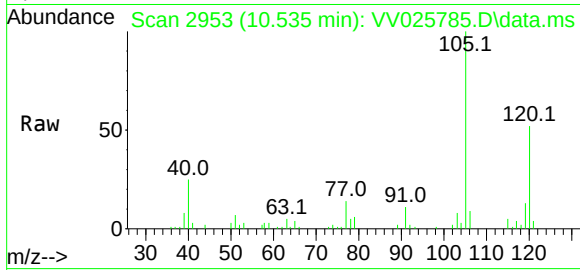
VSTD001238

Tgt Ion:105 Resp: 26846

Ion Ratio Lower Upper

105 100

120 51.2 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.906 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV025785.D

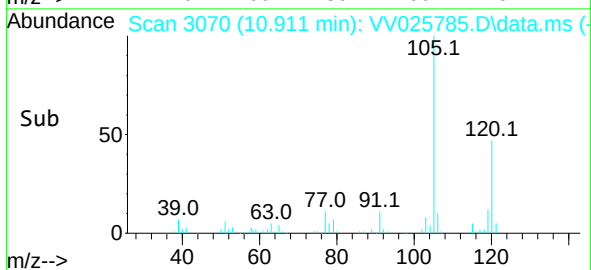
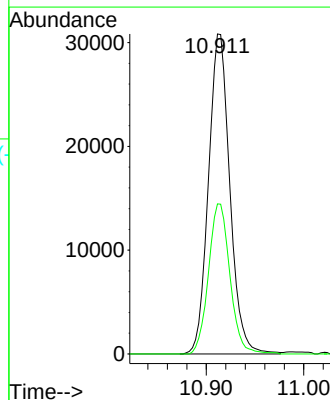
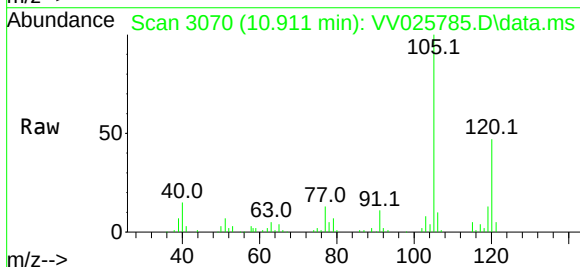
Acq: 03 May 2022 11:22

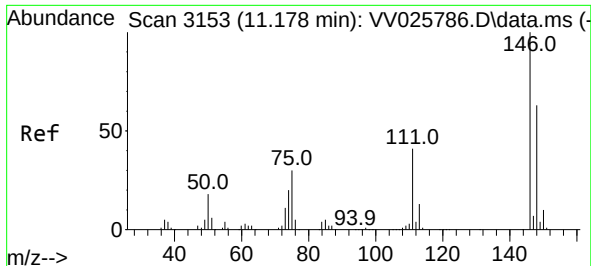
Tgt Ion:105 Resp: 46947

Ion Ratio Lower Upper

105 100

120 47.1 36.6 55.0

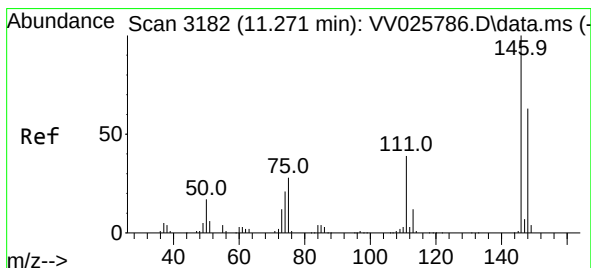
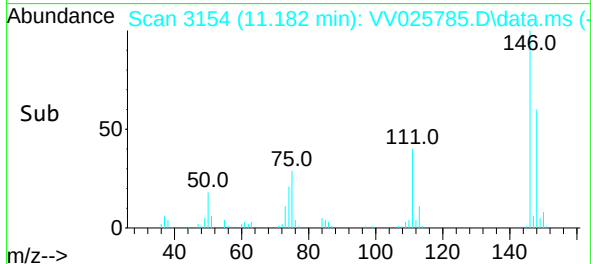
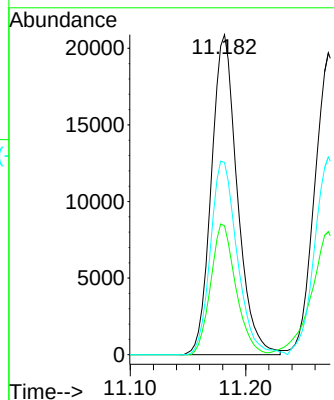
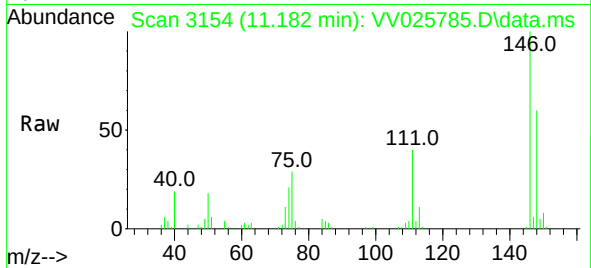




#64
1,3-Dichlorobenzene
Concen: 1.077 ug/L
RT: 11.182 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

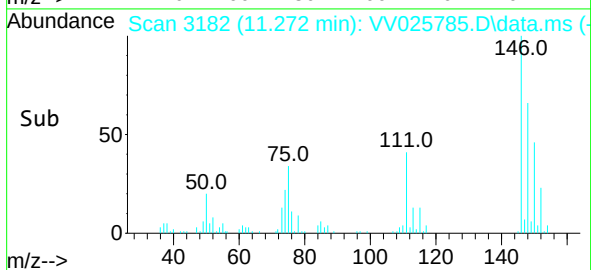
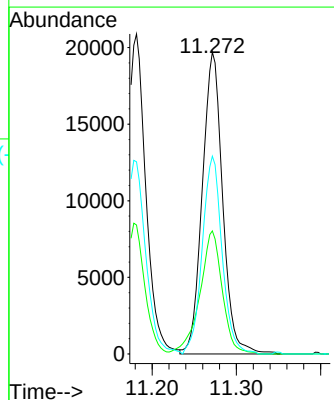
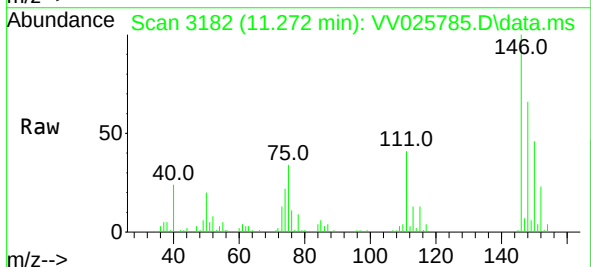
Instrument :
MSVOA_V
ClientSampleId :
VSTD001238

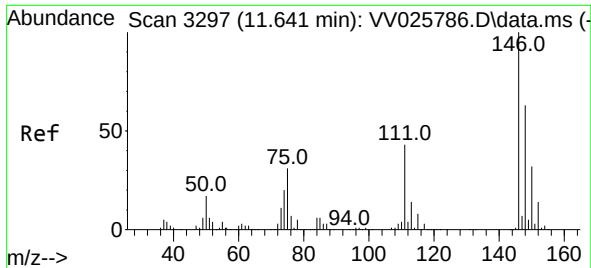
Tgt Ion:146 Resp: 32537
Ion Ratio Lower Upper
146 100
111 40.3 27.4 50.8
148 60.1 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 1.083 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025785.D
Acq: 03 May 2022 11:22

Tgt Ion:146 Resp: 33143
Ion Ratio Lower Upper
146 100
111 40.8 26.7 49.7
148 65.5 42.8 79.6

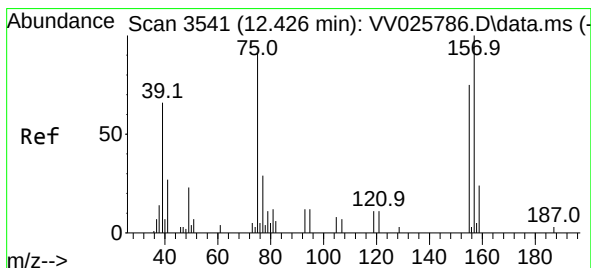
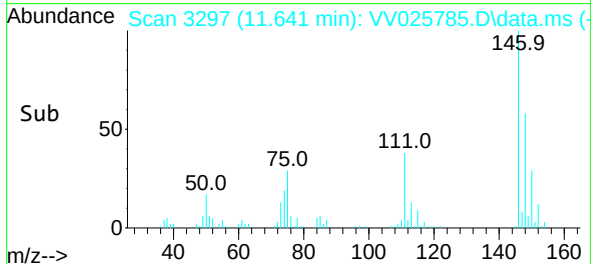
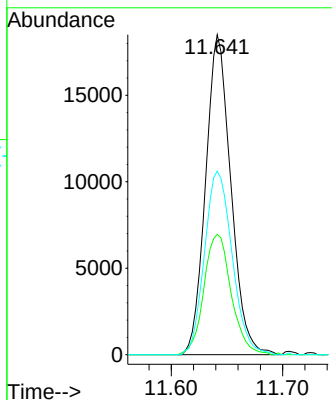
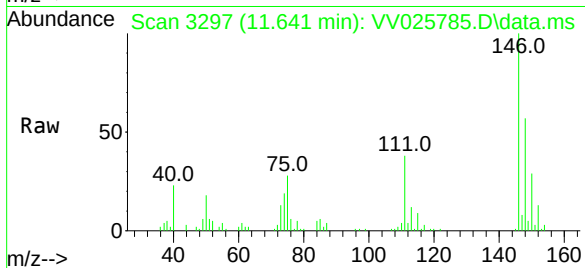




#67
 1,2-Dichlorobenzene
 Concen: 1.090 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV025785.D
 Acq: 03 May 2022 11:22

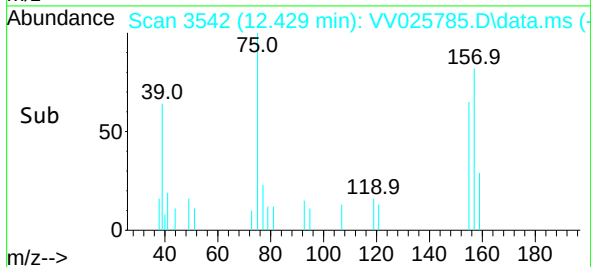
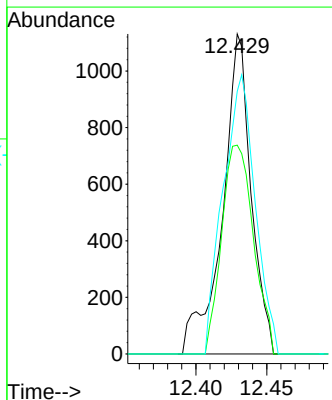
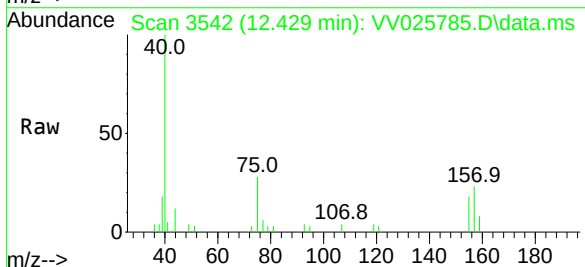
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001238

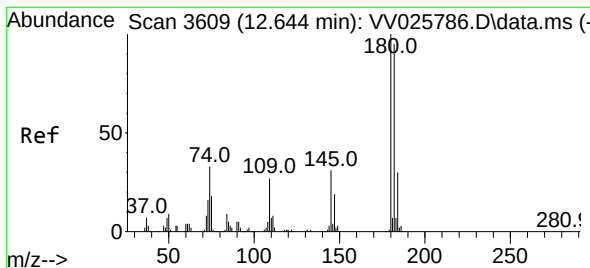
Tgt Ion:146 Resp: 29160
 Ion Ratio Lower Upper
 146 100
 111 37.6 33.6 50.4
 148 57.4 50.0 75.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.279 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.003 min
 Lab File: VV025785.D
 Acq: 03 May 2022 11:22

Tgt Ion: 75 Resp: 1589
 Ion Ratio Lower Upper
 75 100
 155 65.3 65.8 98.8#
 157 82.1 86.6 130.0#





#69

1,3,5-Trichlorobenzene

Concen: 1.040 ug/L

RT: 12.645 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV025785.D

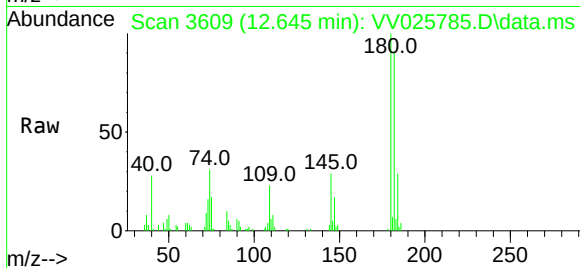
Acq: 03 May 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

VSTD001238



Tgt Ion:180 Resp: 23725

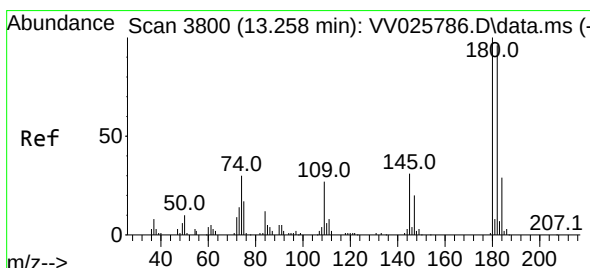
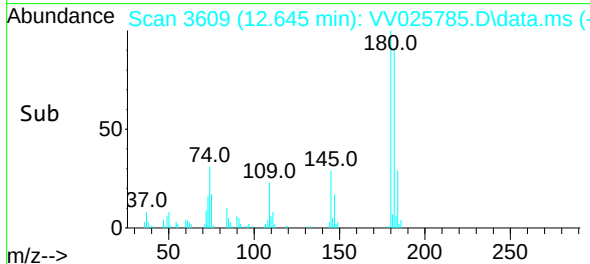
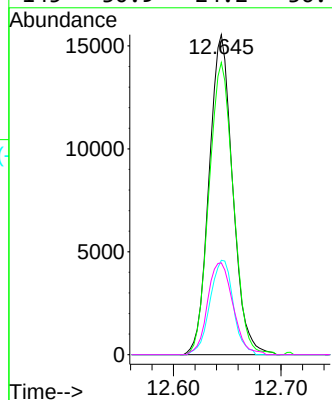
Ion Ratio Lower Upper

180 100

182 93.6 75.3 112.9

184 29.1 23.4 35.2

145 30.9 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 0.975 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

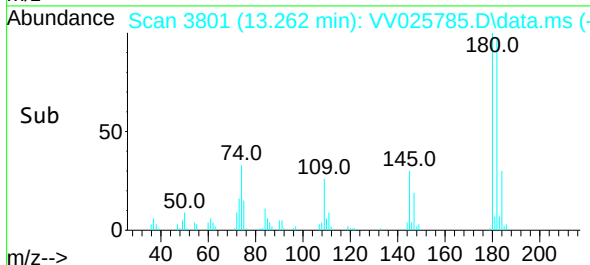
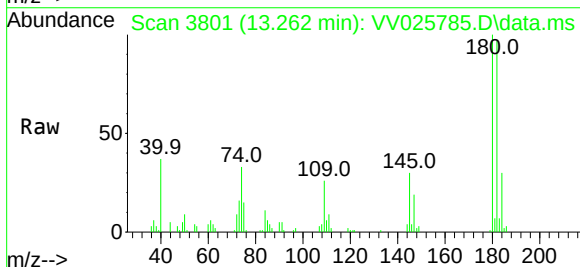
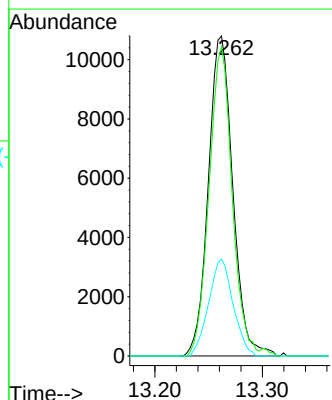
Tgt Ion:180 Resp: 17057

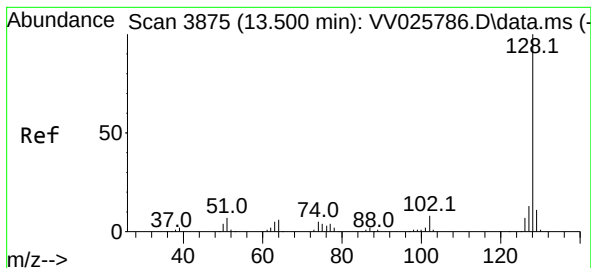
Ion Ratio Lower Upper

180 100

182 91.2 76.6 114.8

145 30.3 24.6 36.8





#71

Naphthalene

Concen: 0.865 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

VSTD001238

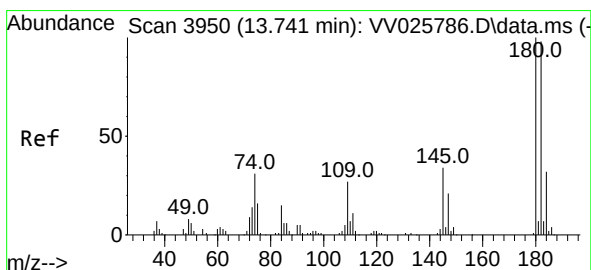
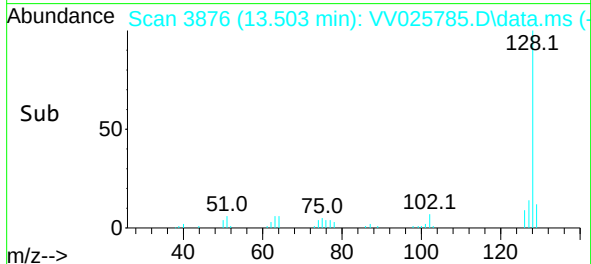
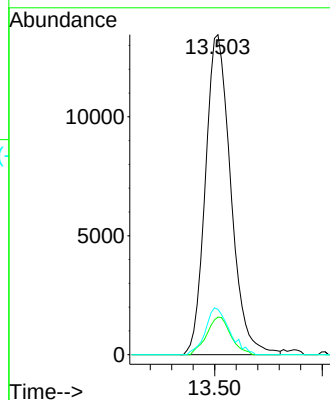
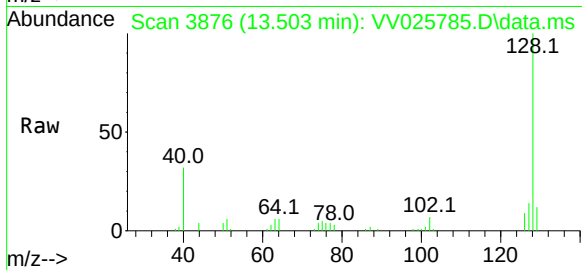
Tgt Ion:128 Resp: 22056

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 14.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 0.943 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025785.D

Acq: 03 May 2022 11:22

Tgt Ion:180 Resp: 13700

Ion Ratio Lower Upper

180 100

182 98.1 77.7 116.5

145 34.4 27.4 41.2

