

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
 Data File : VU049668.D
 Acq On : 11 Jul 2022 11:11
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050003

Quant Time: Jul 12 02:11:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 12 02:09:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	238119	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	220121	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111038	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	100109	63.544	ug/L	0.00
7) Chloroethane-d5	1.903	69	71198	61.752	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	174554	59.680	ug/L	0.00
21) 2-Butanone-d5	4.620	46	168863	104.000	ug/L	0.00
24) Chloroform-d	5.063	84	177346	55.320	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	115536	55.441	ug/L	0.00
32) Benzene-d6	5.726	84	336720	59.288	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	112295	59.085	ug/L	0.00
41) Toluene-d8	7.896	98	294623	58.781	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	47983	54.267	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	101715	105.016	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	155026	50.324	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	102660	52.438	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	139041	61.587	ug/L	100
3) Chloromethane	1.520	50	149859	61.936	ug/L	100
5) Vinyl chloride	1.604	62	137614	61.054	ug/L	100
6) Bromomethane	1.842	94	62829	52.057	ug/L	100
8) Chloroethane	1.922	64	74589	59.472	ug/L	100
9) Trichlorofluoromethane	2.131	101	170942	55.457	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	90514	52.406	ug/L	100
12) 1,1-Dichloroethene	2.578	96	83527	54.969	ug/L	100
13) Acetone	2.623	43	154215	114.828	ug/L	100
14) Carbon disulfide	2.790	76	273619	66.098	ug/L	100
15) Methyl Acetate	2.945	43	126591	49.958	ug/L	100
16) Methylene chloride	3.041	84	102836	52.194	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	88939	53.462	ug/L	100
18) Methyl tert-butyl Ether	3.363	73	310755	50.796	ug/L	100
19) 1,1-Dichloroethane	3.867	63	190763	53.339	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	101140	50.672	ug/L	100
22) 2-Butanone	4.700	43	210202	105.842	ug/L	100
23) Bromochloromethane	4.973	128	51699	49.674	ug/L	100
25) Chloroform	5.086	83	190596	51.710	ug/L	100
27) 1,2-Dichloroethane	5.793	62	158887	52.320	ug/L	100
29) Cyclohexane	5.385	56	174373	65.141	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	158882	51.081	ug/L	100
31) Carbon tetrachloride	5.523	117	129979	48.346	ug/L	100
33) Benzene	5.774	78	411441	55.745	ug/L	100
34) Trichloroethene	6.539	95	98325	53.291	ug/L	100
35) Methylcyclohexane	6.761	83	160992	60.671	ug/L	100
37) 1,2-Dichloropropane	6.790	63	114156	54.907	ug/L	100
38) Bromodichloromethane	7.105	83	138196	51.058	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	157431	52.157	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	370666	106.914	ug/L	100
42) Toluene	7.967	91	414396	54.506	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	143000	48.612	ug/L	100

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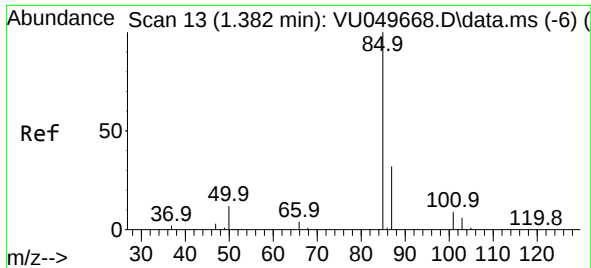
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050003

Quant Time: Jul 12 02:11:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.398	97	97829	49.705	ug/L	100
46) Tetrachloroethene	8.552	164	68947	48.851	ug/L	100
48) 2-Hexanone	8.684	43	292873	103.964	ug/L	100
49) Dibromochloromethane	8.809	129	98277	45.742	ug/L	100
50) 1,2-Dibromoethane	8.922	107	95690	46.775	ug/L	100
51) Chlorobenzene	9.446	112	243674	48.735	ug/L	100
52) Ethylbenzene	9.568	91	439549	53.631	ug/L	100
53) m,p-Xylene	9.693	106	158124	50.222	ug/L	100
54) o-Xylene	10.099	106	162016	50.778	ug/L	100
55) Styrene	10.111	104	268904	50.567	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	178589	48.630	ug/L	100
59) Bromoform	10.288	173	70511	43.866	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	142459	49.773	ug/L	100
61) Isopropylbenzene	10.484	105	417288	54.318	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	356351	54.355	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	356347	64.383	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	177025	47.545	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	175057	46.609	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	182047	47.509	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	42070	45.571	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	125669	47.415	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	114263	50.350	ug/L	100
71) Naphthalene	14.086	128	418839	51.546	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	120564	50.305	ug/L	100

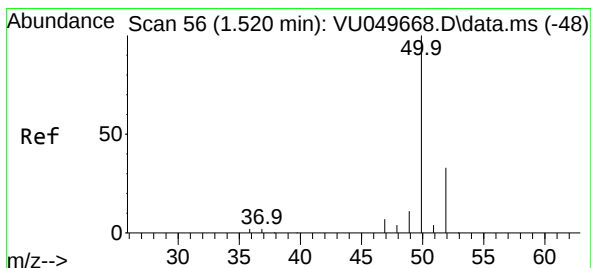
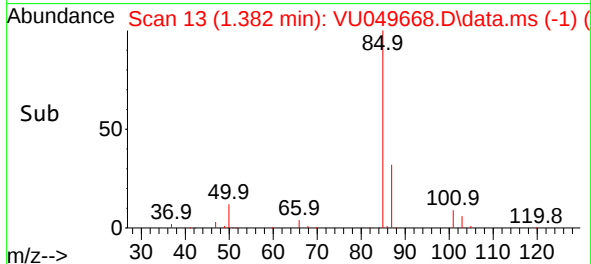
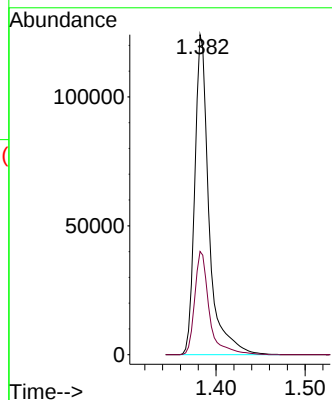
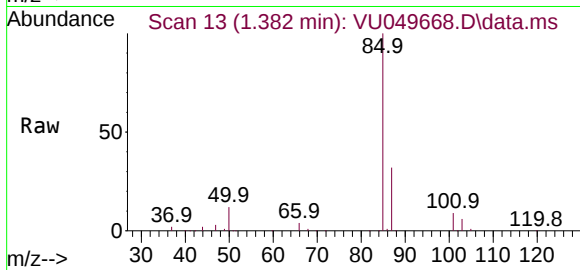
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 61.587 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

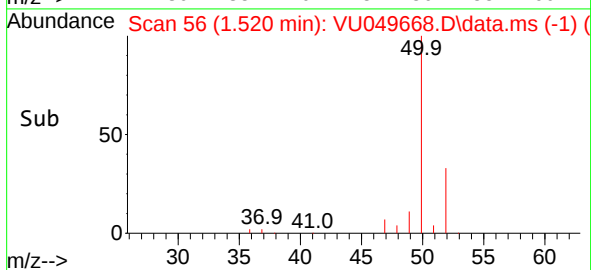
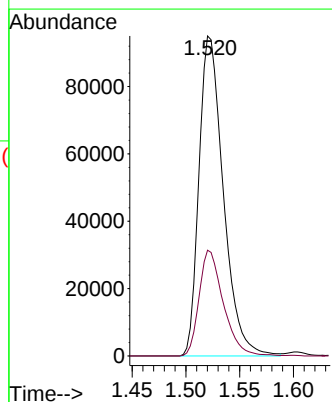
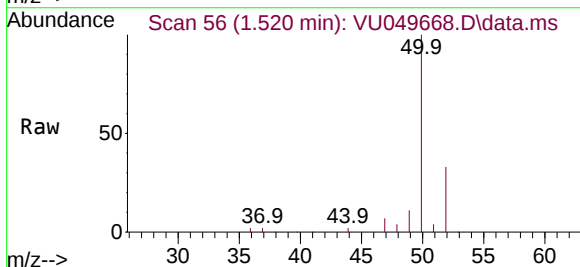
Instrument :
MSVOA_U
ClientSampleId :
VSTD050003

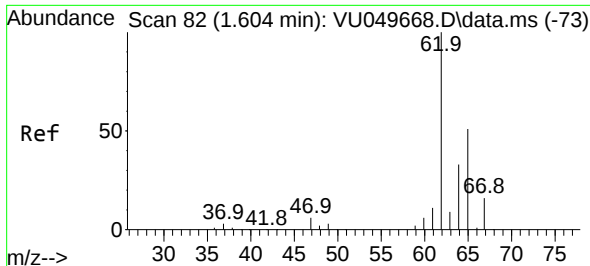
Tgt Ion: 85 Resp: 139041
Ion Ratio Lower Upper
85 100
87 32.9 26.3 39.5



#3
Chloromethane
Concen: 61.936 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Tgt Ion: 50 Resp: 149859
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.0

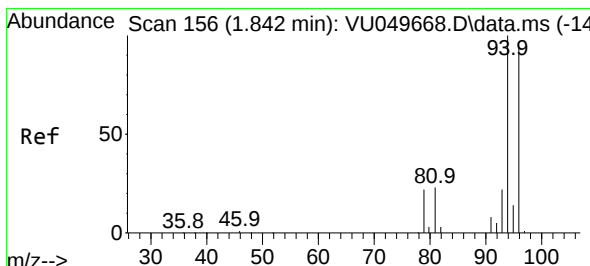
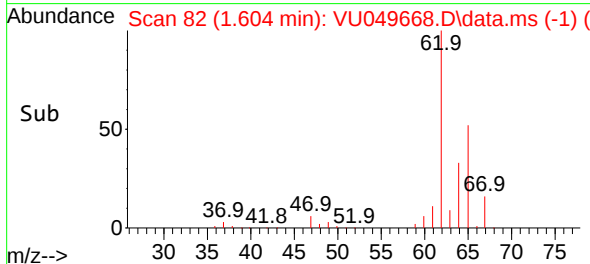
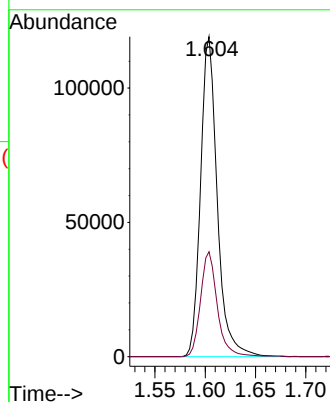
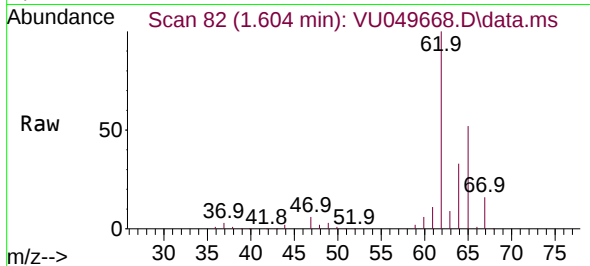




#5
 Vinyl chloride
 Concen: 61.054 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU049668.D
 Acq: 11 Jul 2022 11:11

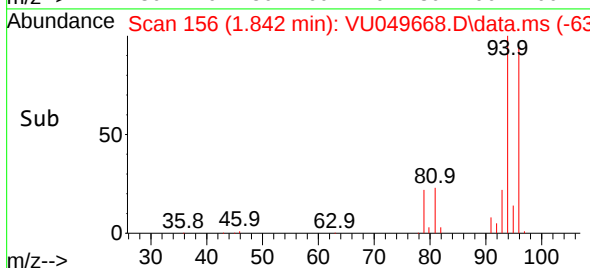
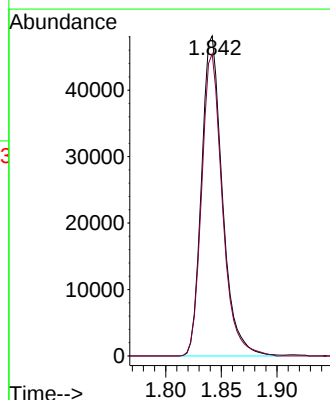
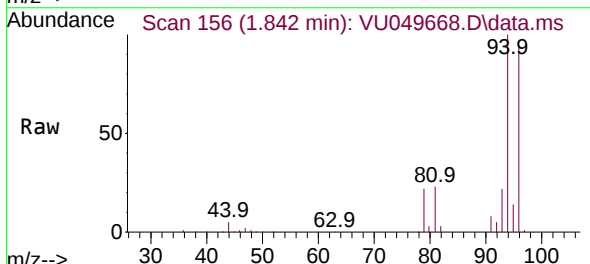
Instrument :
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 ClientSampleId :
 VSTD050003

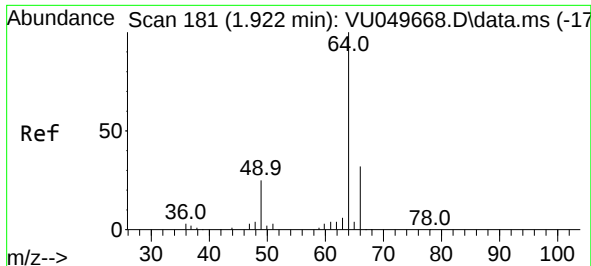
Tgt Ion: 62 Resp: 137614
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.0 42.6



#6
 Bromomethane
 Concen: 52.057 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. 0.000 min
 Lab File: VU049668.D
 Acq: 11 Jul 2022 11:11

Tgt Ion: 94 Resp: 62829
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.1 122.7

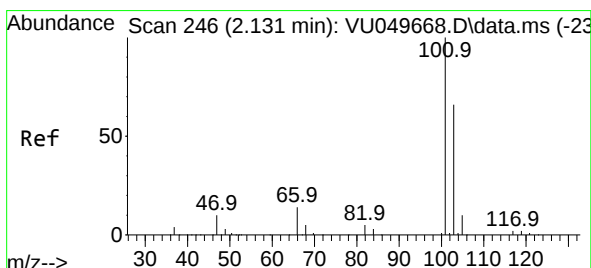
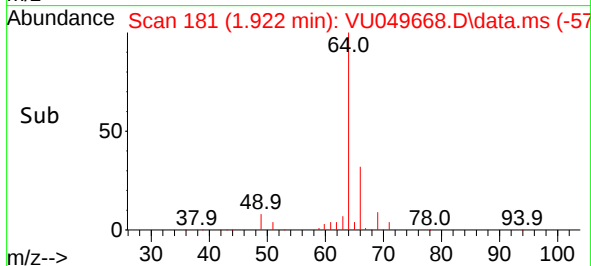
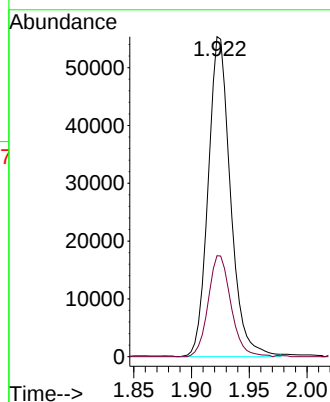
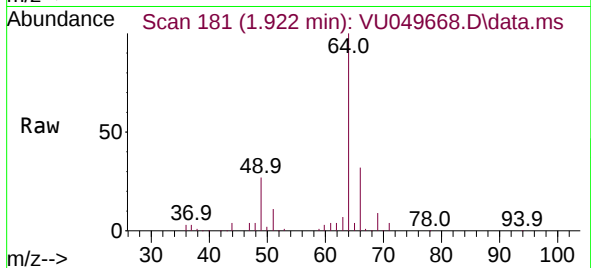




#8
Chloroethane
Concen: 59.472 ug/L
RT: 1.922 min Scan# 181
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

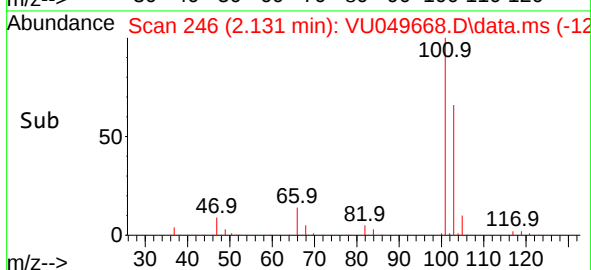
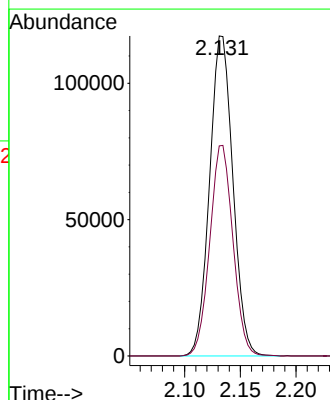
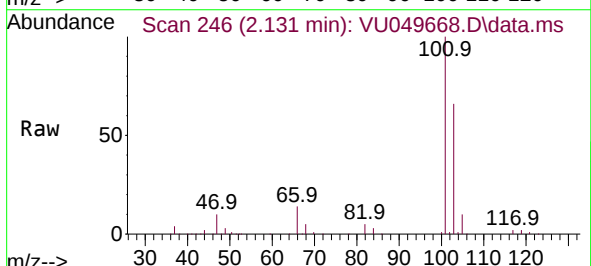
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ClientSampleId :
VSTD050003

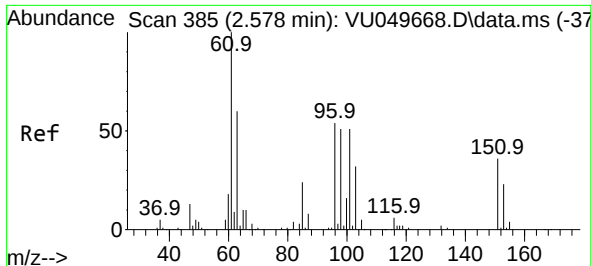
Tgt Ion: 64 Resp: 74589
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 55.457 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Tgt Ion: 101 Resp: 170942
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

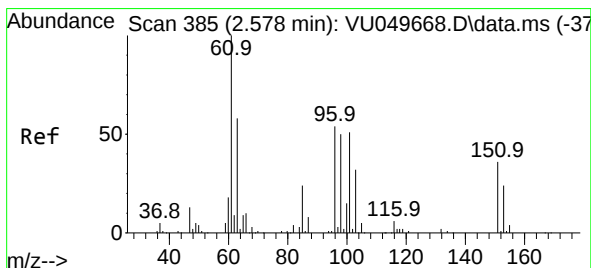
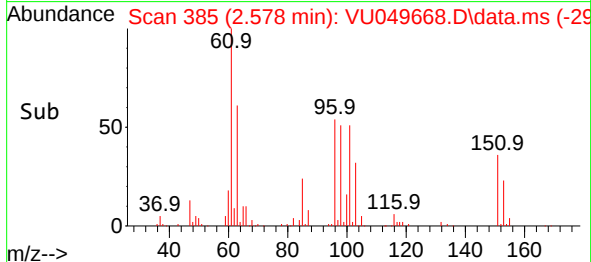
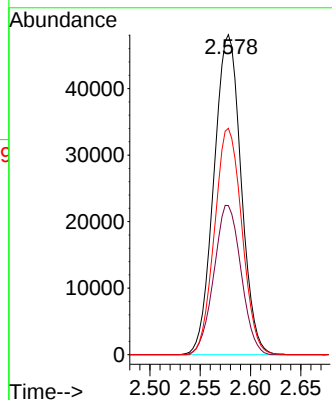
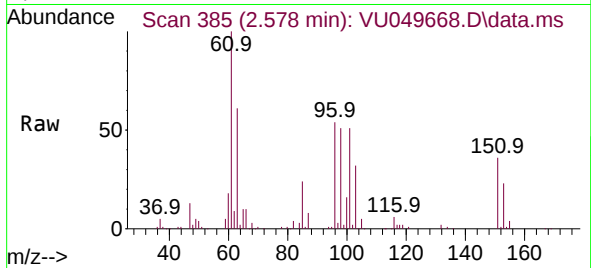




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.406 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049668.D
 Acq: 11 Jul 2022 11:11

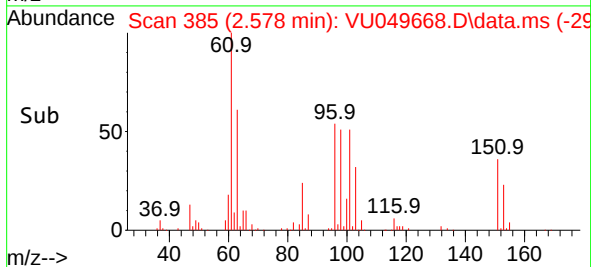
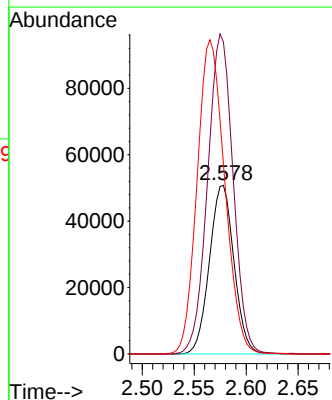
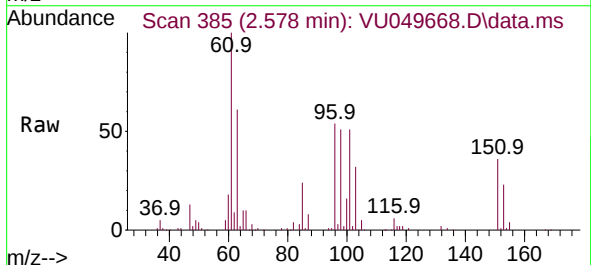
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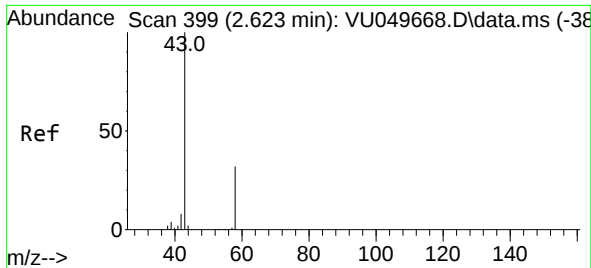
Tgt Ion:101 Resp: 90514
 Ion Ratio Lower Upper
 101 100
 85 46.6 37.3 55.9
 151 71.1 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 54.969 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049668.D
 Acq: 11 Jul 2022 11:11

Tgt Ion: 96 Resp: 83527
 Ion Ratio Lower Upper
 96 100
 61 185.1 129.6 240.6
 63 112.8 79.0 146.6





#13

Acetone

Concen: 114.828 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

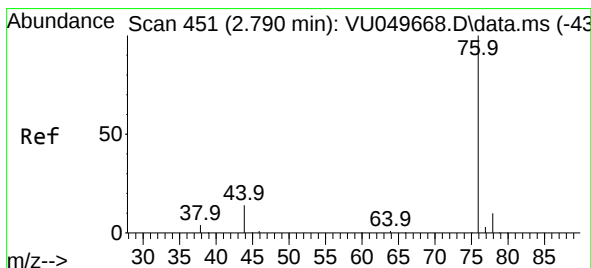
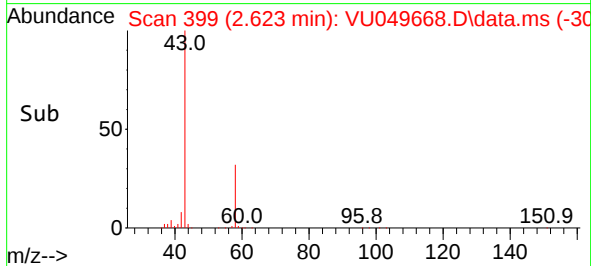
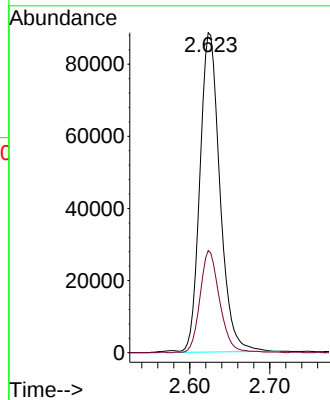
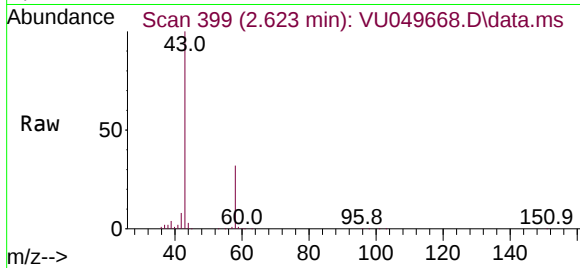
VSTD050003

Tgt Ion: 43 Resp: 154215

Ion Ratio Lower Upper

43 100

58 30.7 0.0 61.4



#14

Carbon disulfide

Concen: 66.098 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049668.D

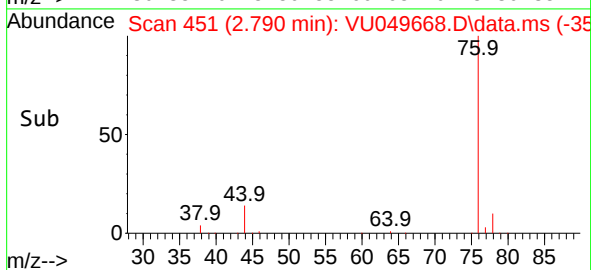
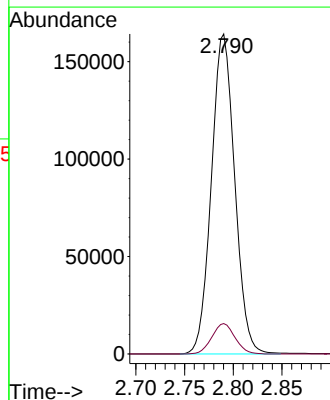
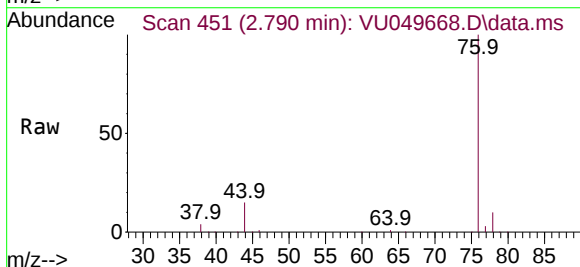
Acq: 11 Jul 2022 11:11

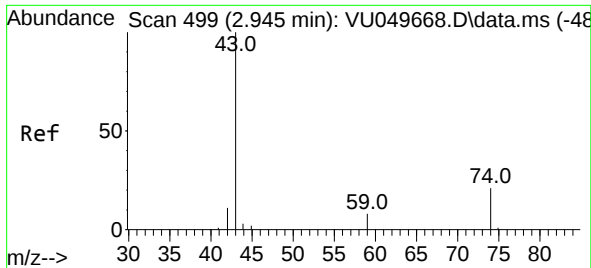
Tgt Ion: 76 Resp: 273619

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

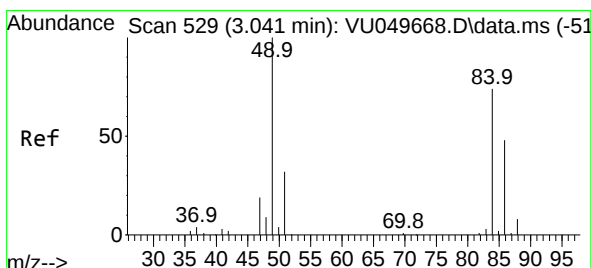
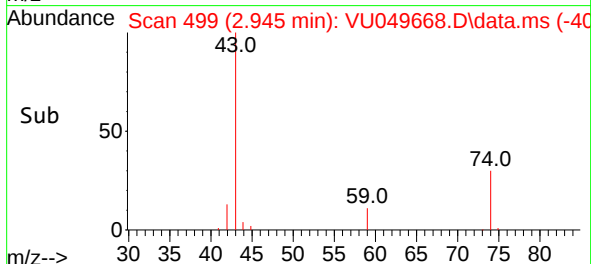
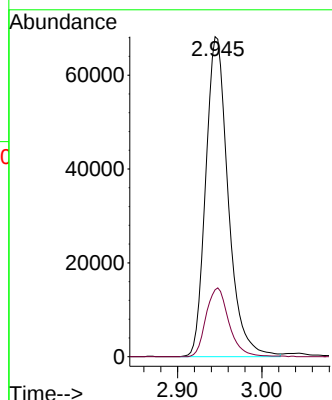
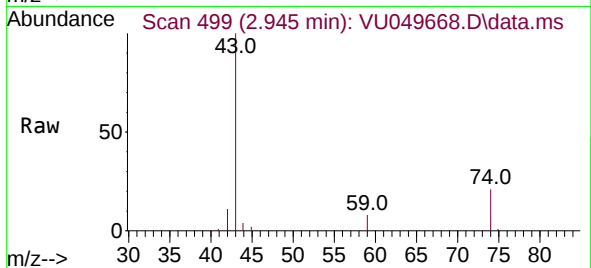




#15
Methyl Acetate
Concen: 49.958 ug/L
RT: 2.945 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

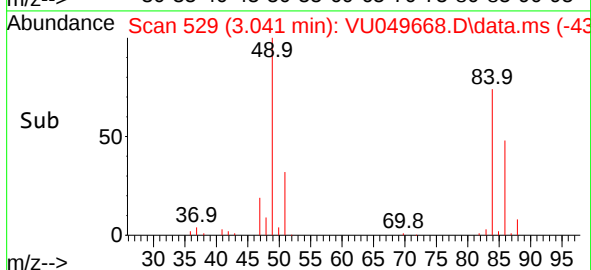
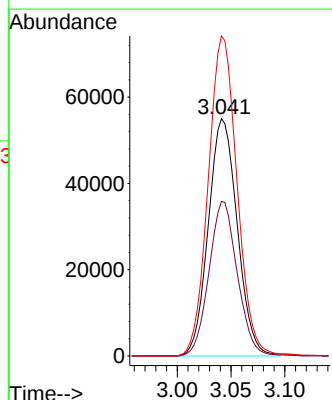
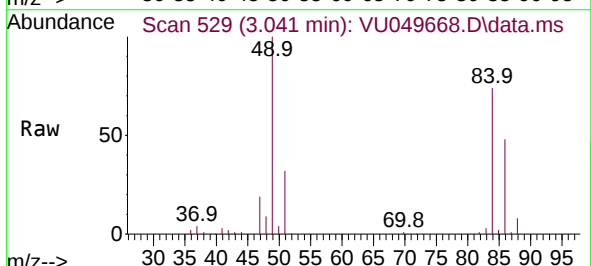
Instrument :
MSVOA_U
ClientSampleId :
VSTD050003

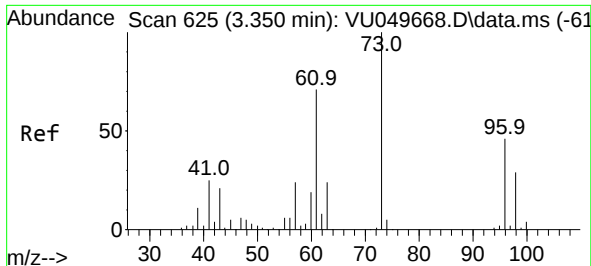
Tgt Ion: 43 Resp: 126591
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0



#16
Methylene chloride
Concen: 52.194 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Tgt Ion: 84 Resp: 102836
Ion Ratio Lower Upper
84 100
86 65.1 45.6 84.6
49 134.9 94.4 175.4

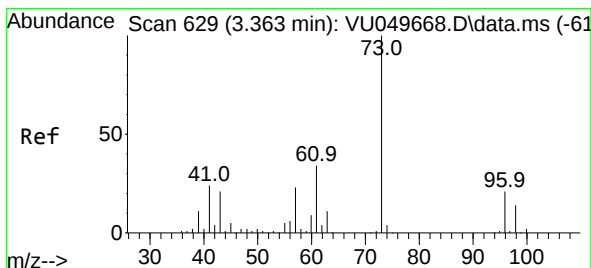
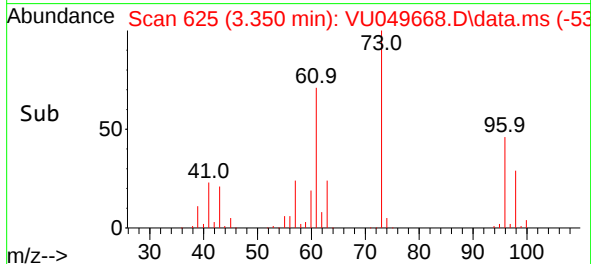
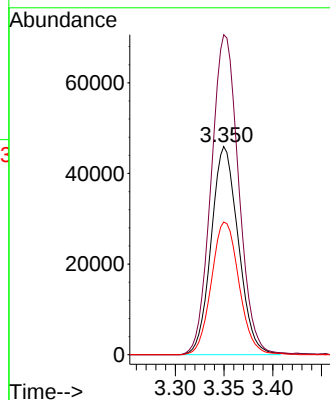
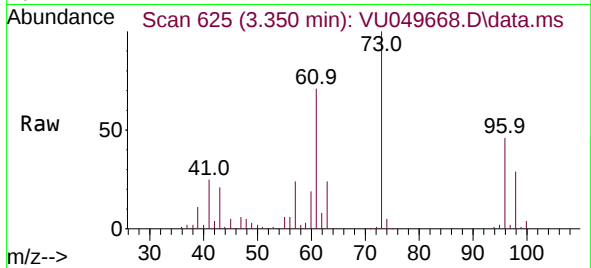




#17
trans-1,2-Dichloroethene
Concen: 53.462 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

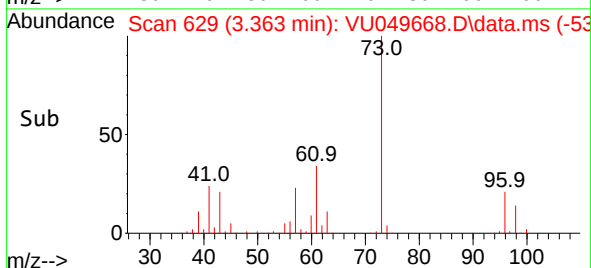
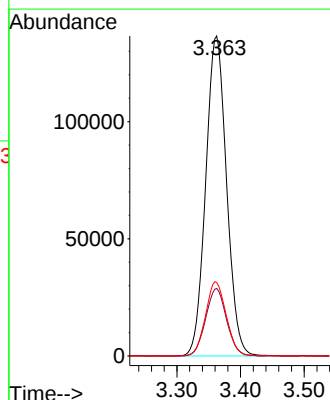
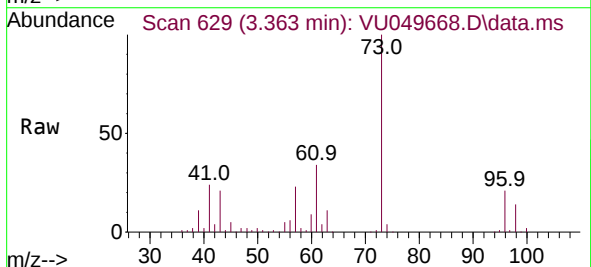
Instrument :
MSVOA_U
ClientSampleId :
VSTD050003

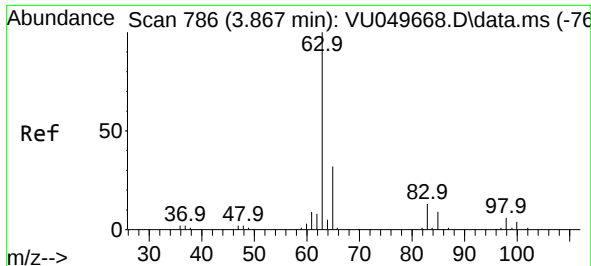
Tgt Ion: 96 Resp: 88939
Ion Ratio Lower Upper
96 100
61 153.7 107.6 199.8
98 63.7 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 50.796 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Tgt Ion: 73 Resp: 310755
Ion Ratio Lower Upper
73 100
43 21.2 17.0 25.4
57 23.1 18.5 27.7

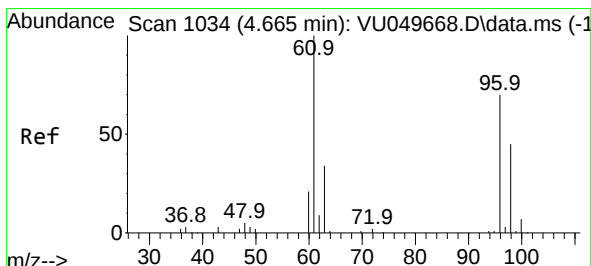
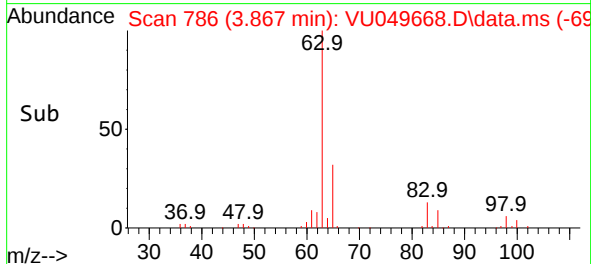
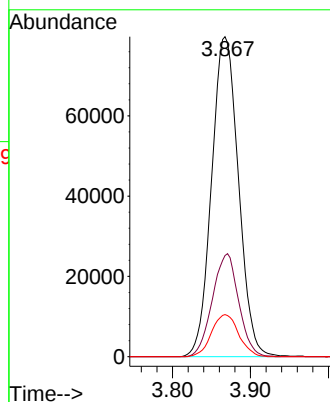
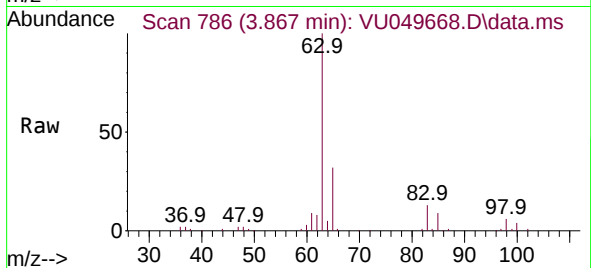




#19
1,1-Dichloroethane
Concen: 53.339 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

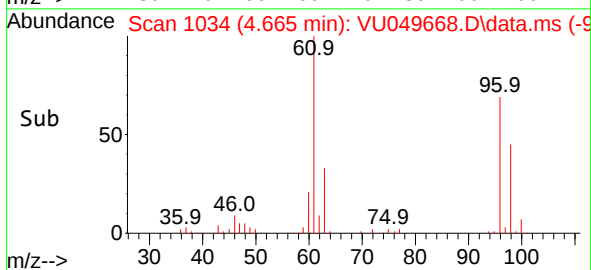
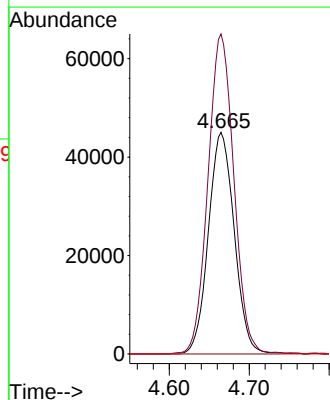
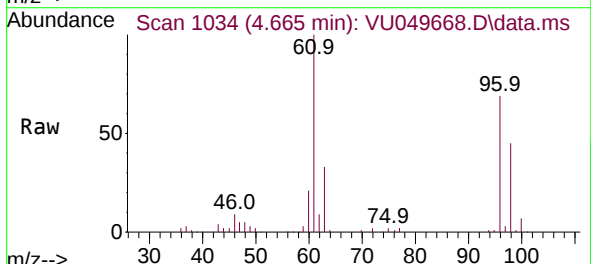
Instrument :
MSVOA_U
ClientSampleId :
VSTD050003

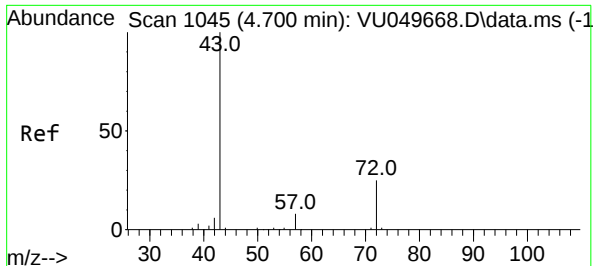
Tgt Ion: 63 Resp: 190763
Ion Ratio Lower Upper
63 100
65 32.3 22.6 42.0
83 13.2 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 50.672 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Tgt Ion: 96 Resp: 101140
Ion Ratio Lower Upper
96 100
61 144.4 101.1 187.7
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 105.842 ug/L

RT: 4.700 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

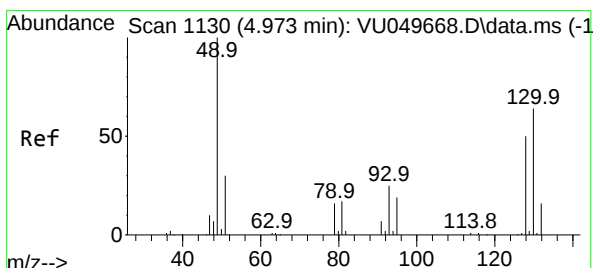
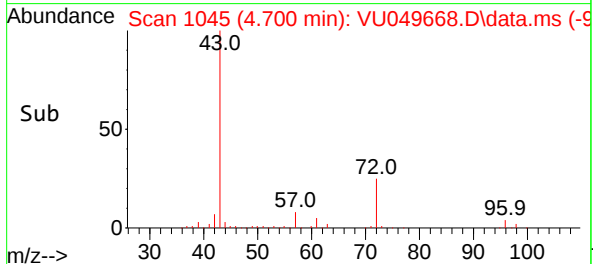
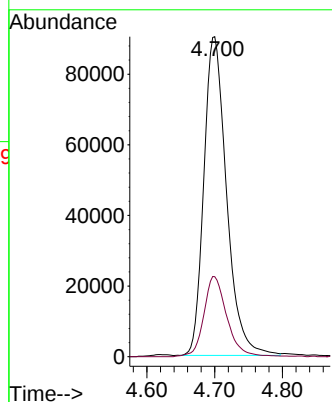
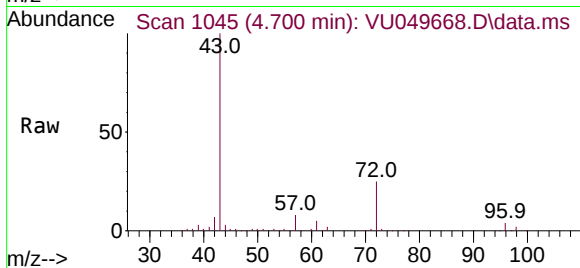
VSTD050003

Tgt Ion: 43 Resp: 210202

Ion Ratio Lower Upper

43 100

72 25.3 12.7 38.0



#23

Bromochloromethane

Concen: 49.674 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Tgt Ion:128 Resp: 51699

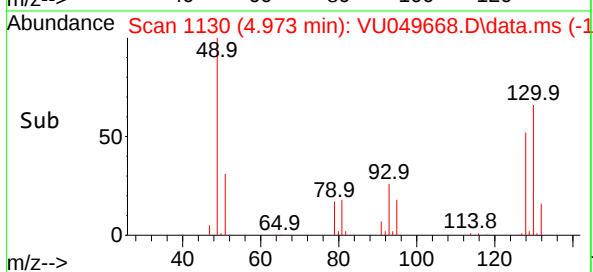
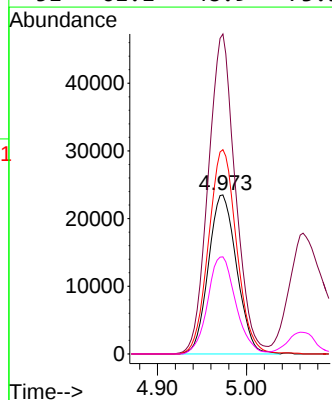
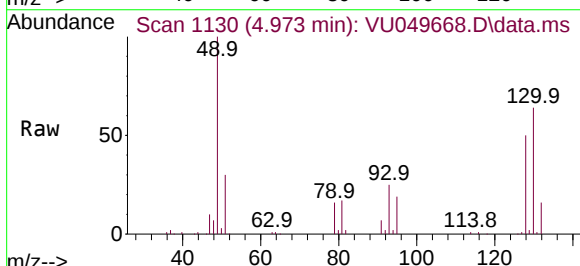
Ion Ratio Lower Upper

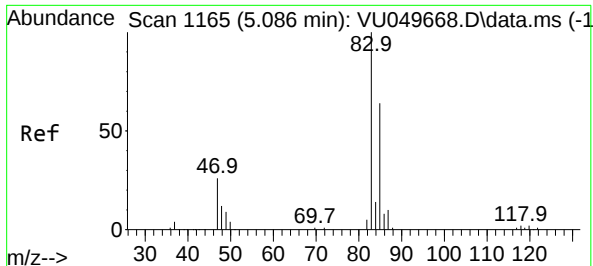
128 100

49 201.3 140.9 261.7

130 128.6 90.0 167.2

51 61.1 48.9 73.3





#25

Chloroform

Concen: 51.710 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

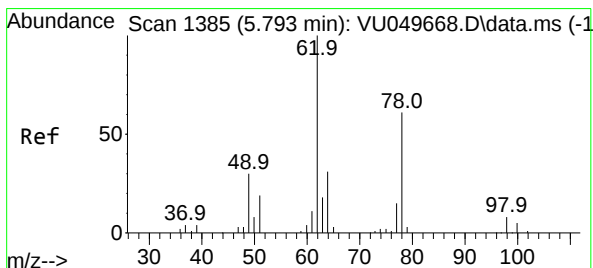
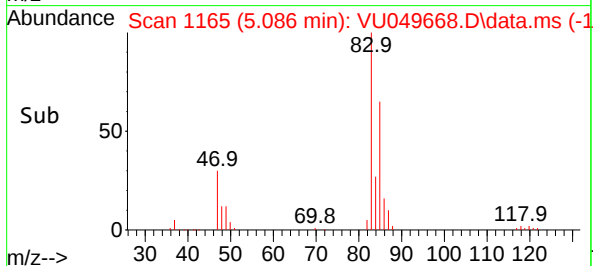
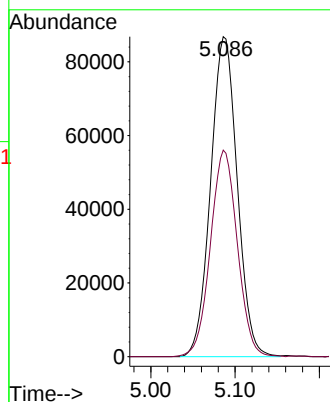
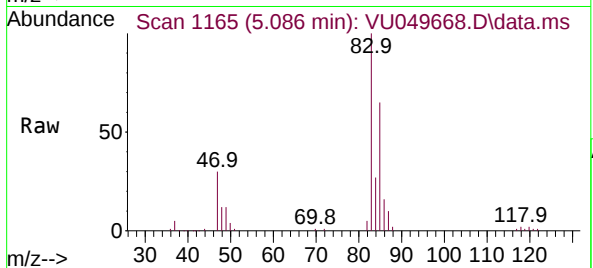
VSTD050003

Tgt Ion: 83 Resp: 190596

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 52.320 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU049668.D

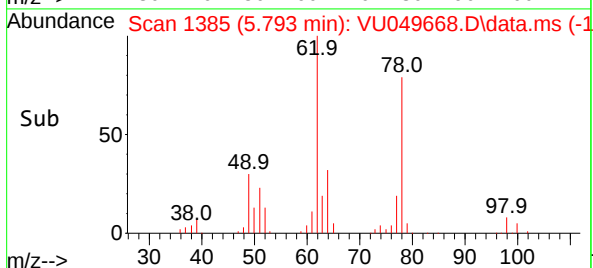
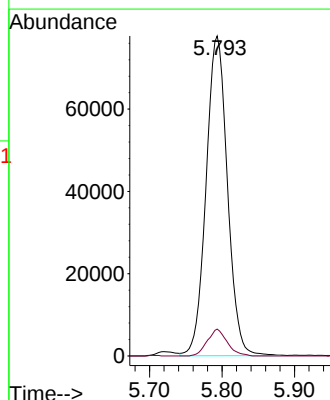
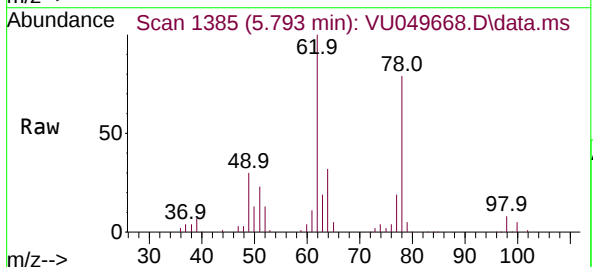
Acq: 11 Jul 2022 11:11

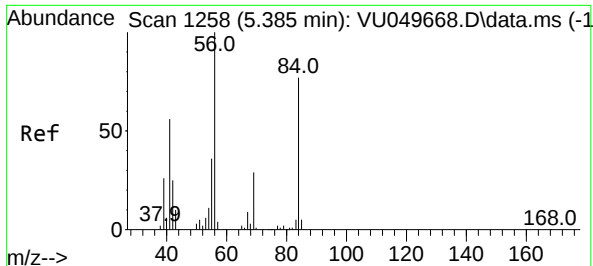
Tgt Ion: 62 Resp: 158887

Ion Ratio Lower Upper

62 100

98 8.4 6.7 10.1





#29

Cyclohexane

Concen: 65.141 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD050003

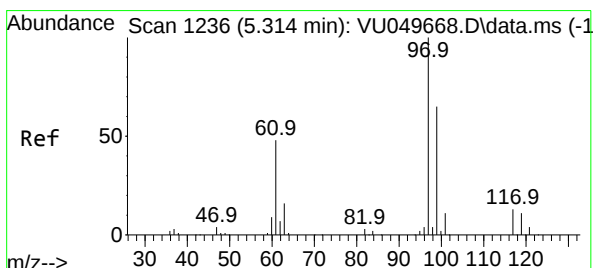
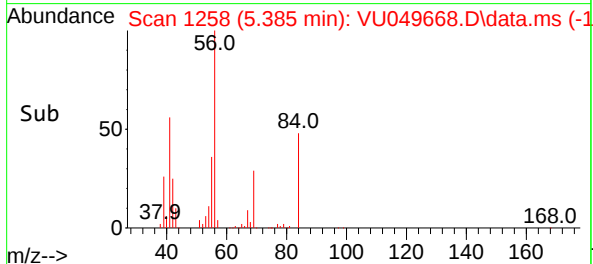
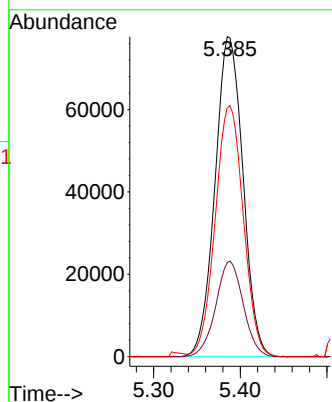
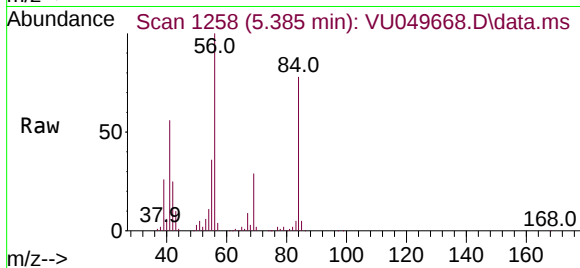
Tgt Ion: 56 Resp: 174373

Ion Ratio Lower Upper

56 100

69 29.3 23.4 35.2

84 78.9 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 51.081 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

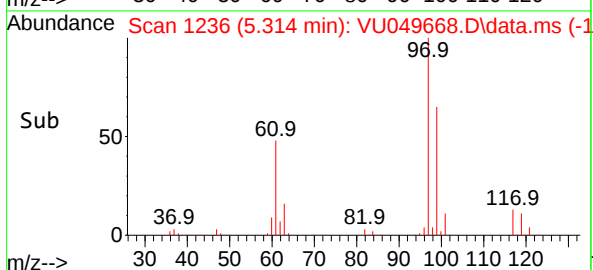
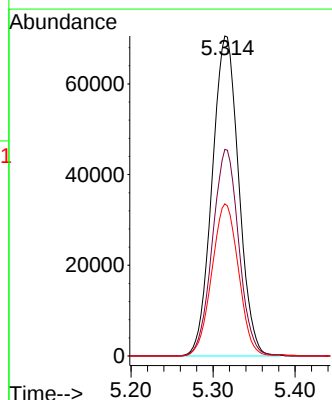
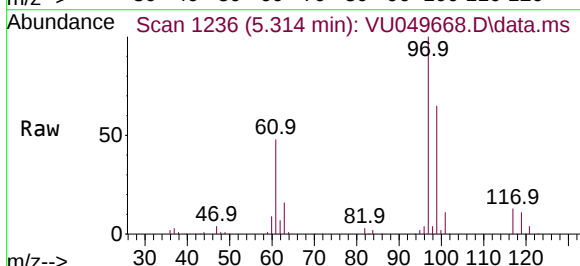
Tgt Ion: 97 Resp: 158882

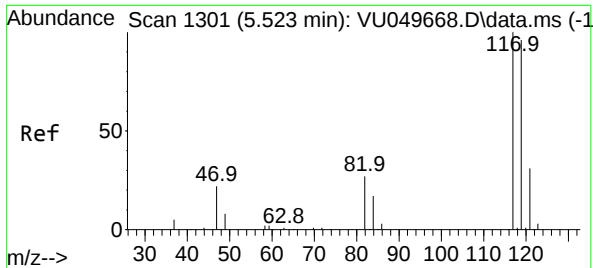
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 47.7 38.2 57.2

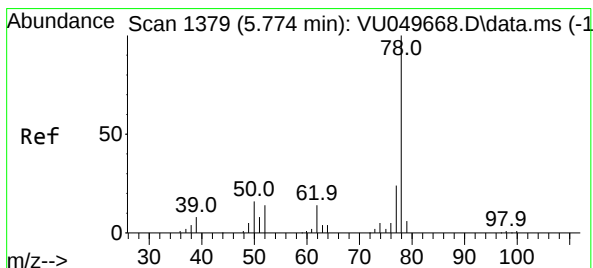
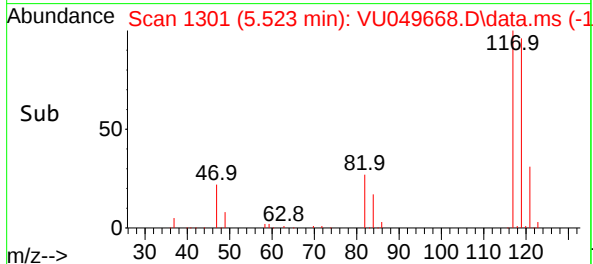
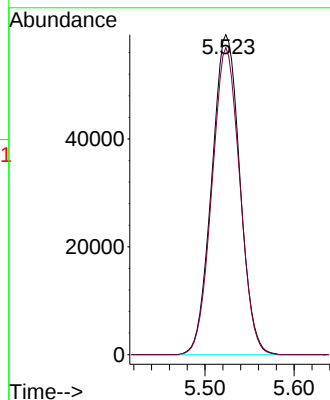
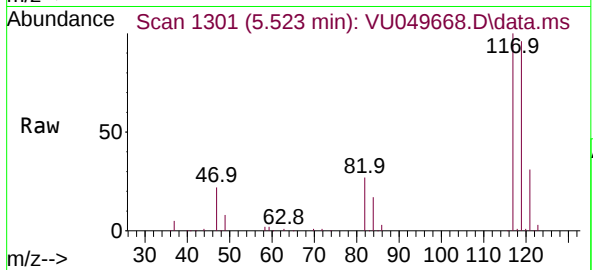




#31
Carbon tetrachloride
Concen: 48.346 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

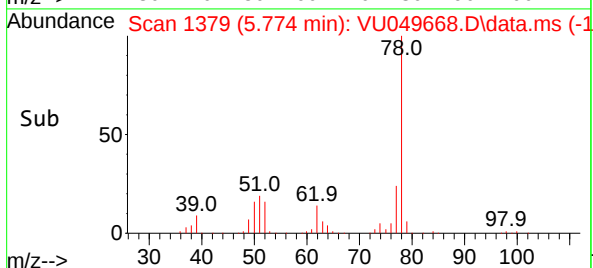
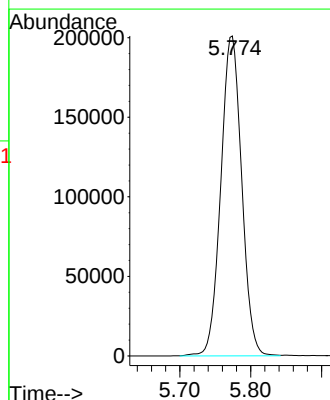
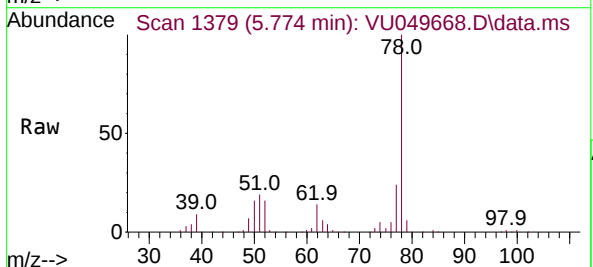
Instrument :
MSVOA_U
ClientSampleId :
VSTD050003

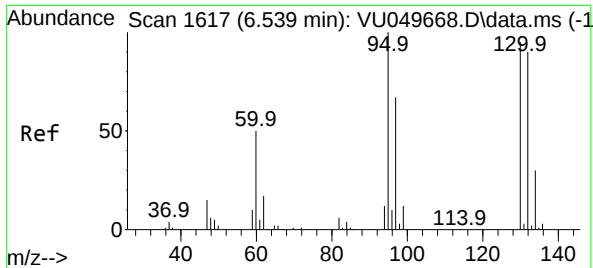
Tgt Ion:117 Resp: 129979
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8



#33
Benzene
Concen: 55.745 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Tgt Ion: 78 Resp: 411441





#34

Trichloroethene

Concen: 53.291 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD050003

Tgt Ion: 95 Resp: 98325

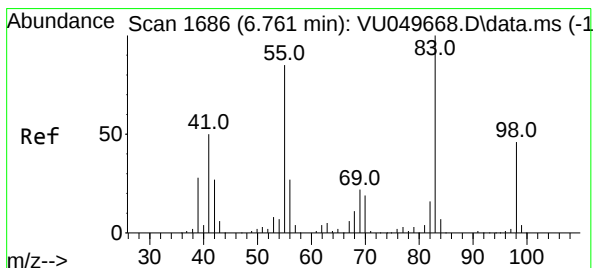
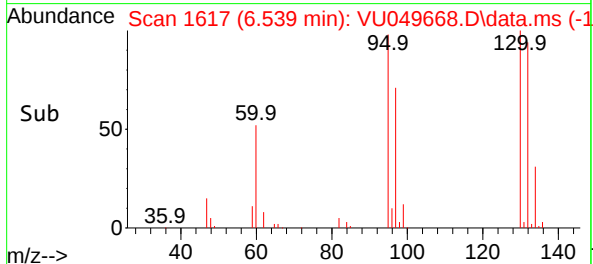
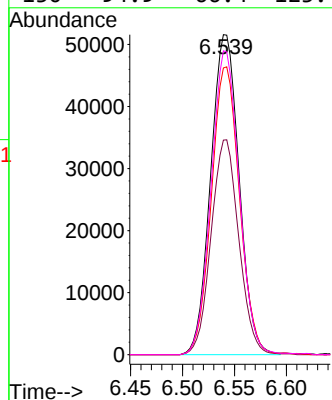
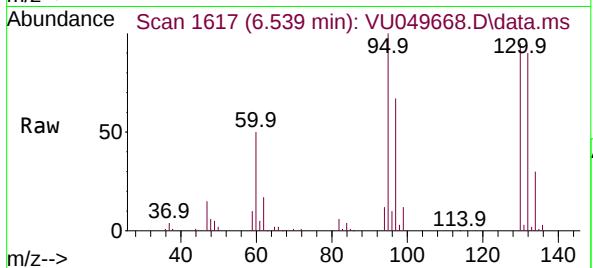
Ion Ratio Lower Upper

95 100

97 67.0 46.9 87.1

132 89.6 62.7 116.5

130 94.9 66.4 123.4



#35

Methylcyclohexane

Concen: 60.671 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

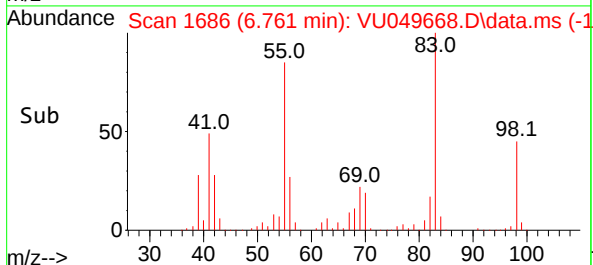
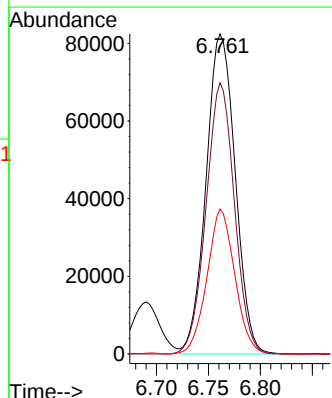
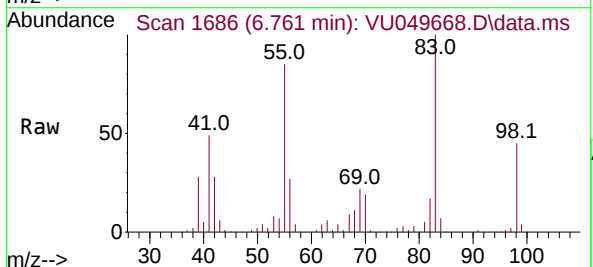
Tgt Ion: 83 Resp: 160992

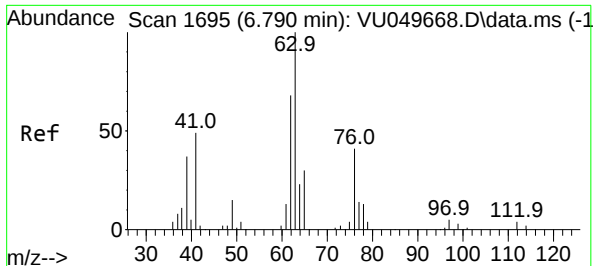
Ion Ratio Lower Upper

83 100

55 82.5 66.0 99.0

98 43.2 34.6 51.8





#37

1,2-Dichloropropane

Concen: 54.907 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

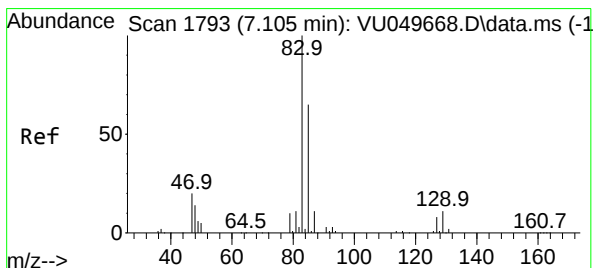
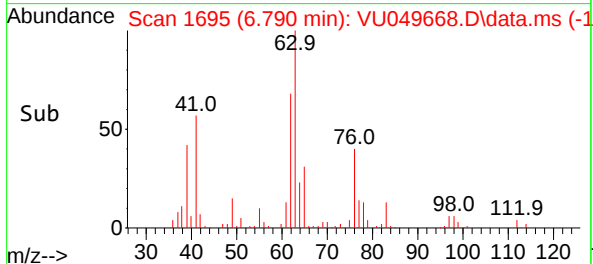
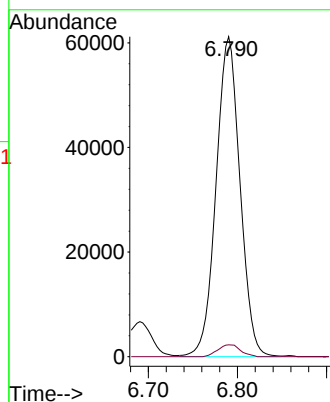
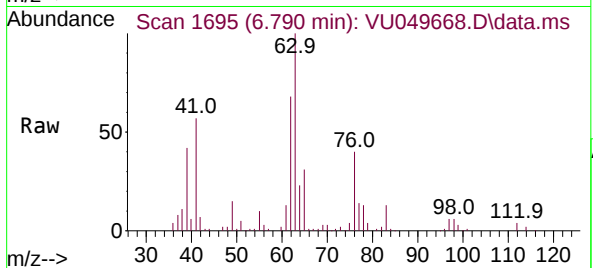
VSTD050003

Tgt Ion: 63 Resp: 114156

Ion Ratio Lower Upper

63 100

112 3.5 2.8 4.2



#38

Bromodichloromethane

Concen: 51.058 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

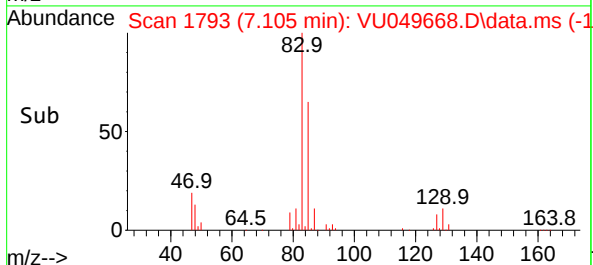
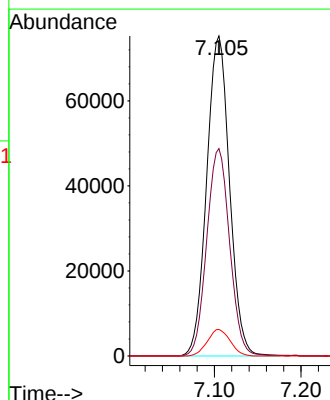
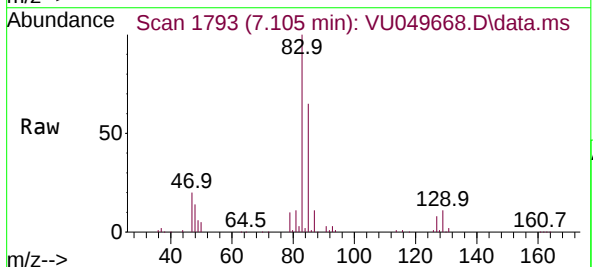
Tgt Ion: 83 Resp: 138196

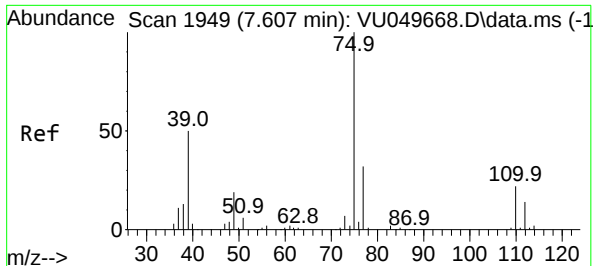
Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 52.157 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

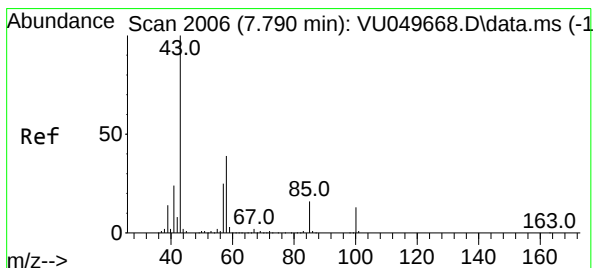
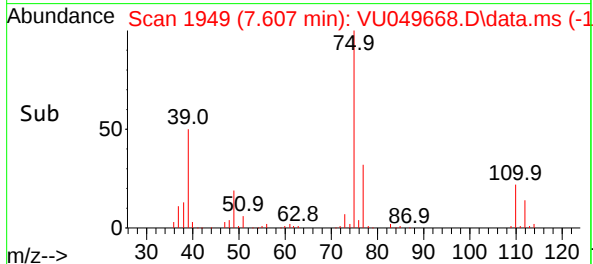
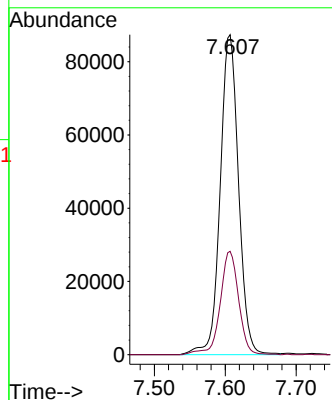
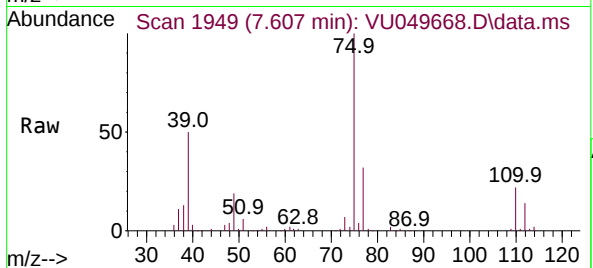
VSTD050003

Tgt Ion: 75 Resp: 157431

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 106.914 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

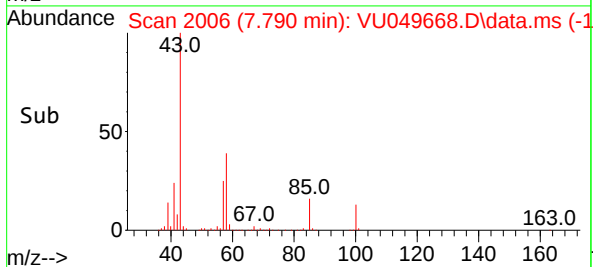
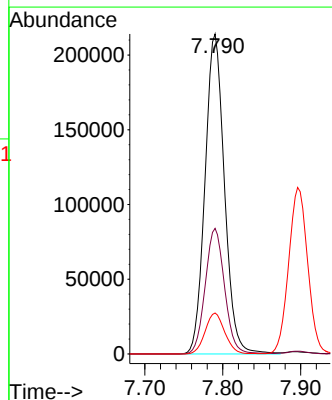
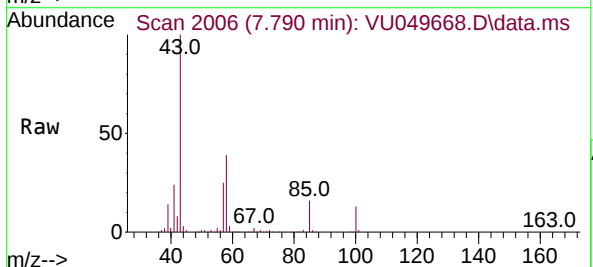
Tgt Ion: 43 Resp: 370666

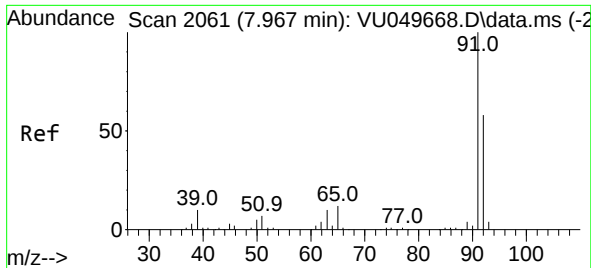
Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.0

100 12.9 10.3 15.5





#42

Toluene

Concen: 54.506 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

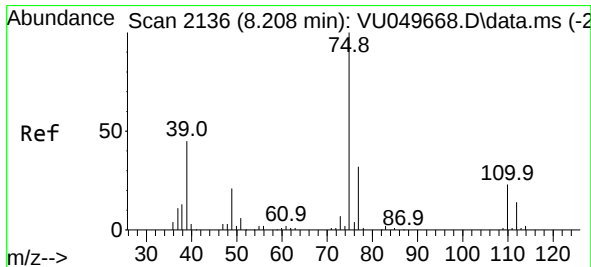
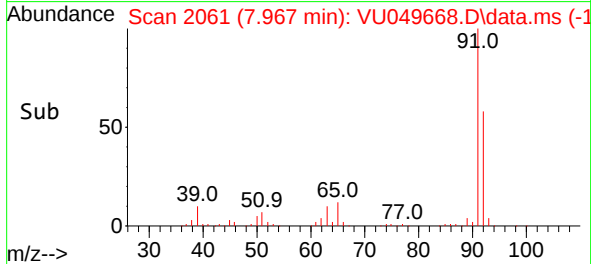
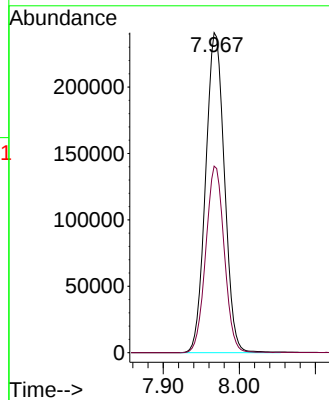
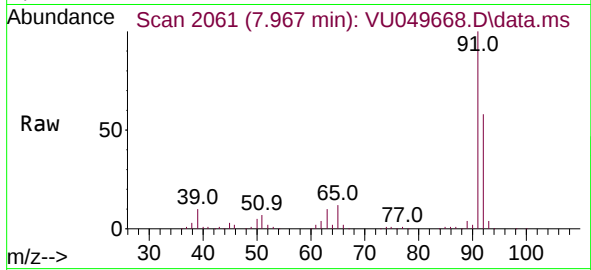
VSTD050003

Tgt Ion: 91 Resp: 414396

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 48.612 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU049668.D

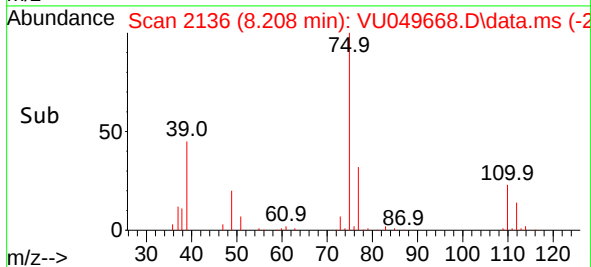
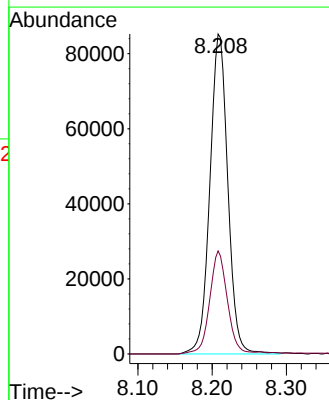
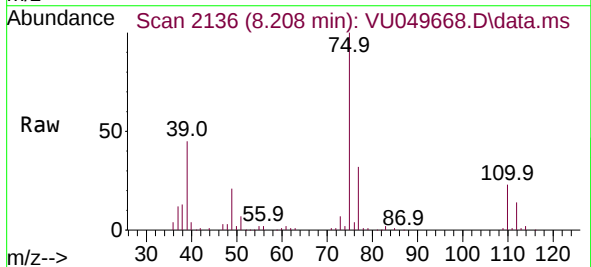
Acq: 11 Jul 2022 11:11

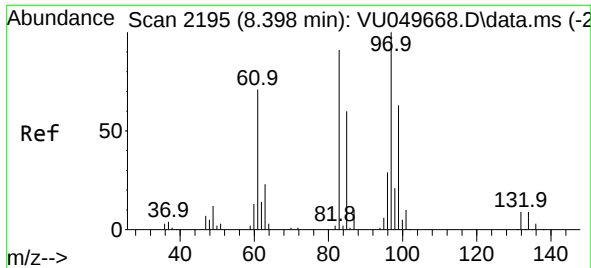
Tgt Ion: 75 Resp: 143000

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9

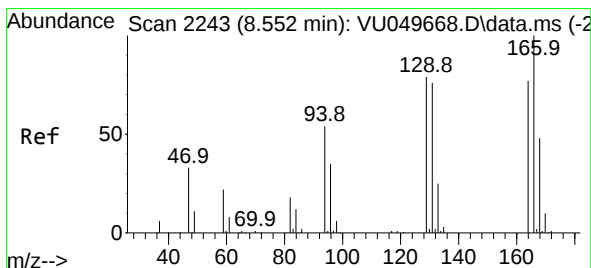
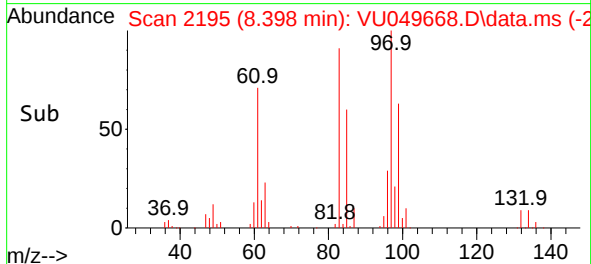
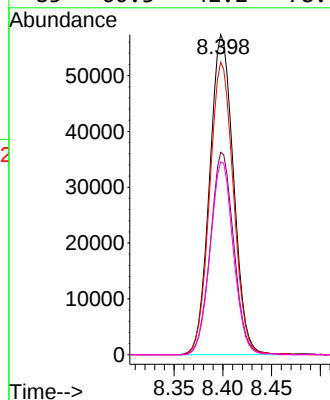
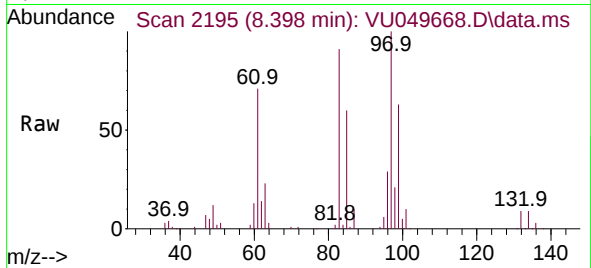




#45
1,1,2-Trichloroethane
Concen: 49.705 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

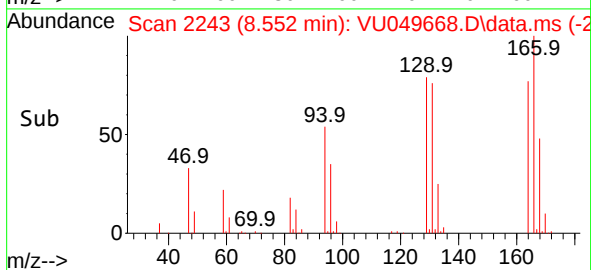
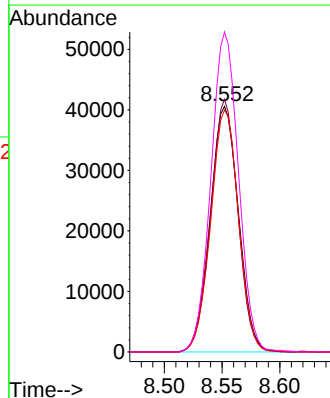
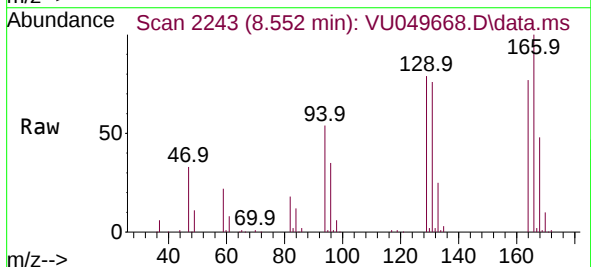
Instrument :
MSVOA_U
ClientSampleId :
VSTD050003

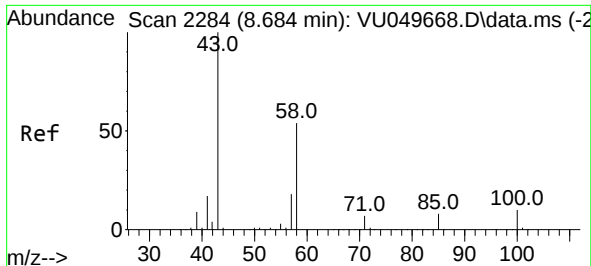
Tgt Ion:	97	Resp:	97829
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.3	82.3
83	91.4	64.0	118.8
85	60.3	42.2	78.4



#46
Tetrachloroethene
Concen: 48.851 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Tgt Ion:	164	Resp:	68947
Ion	Ratio	Lower	Upper
164	100		
129	102.9	72.0	133.8
131	98.5	69.0	128.1
166	130.2	91.1	169.3

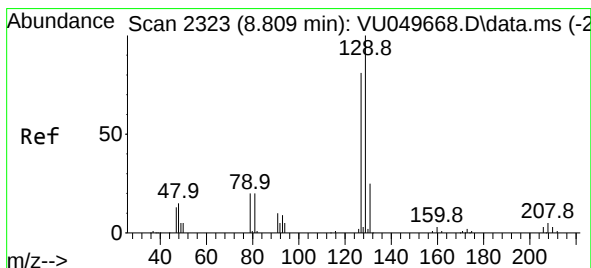
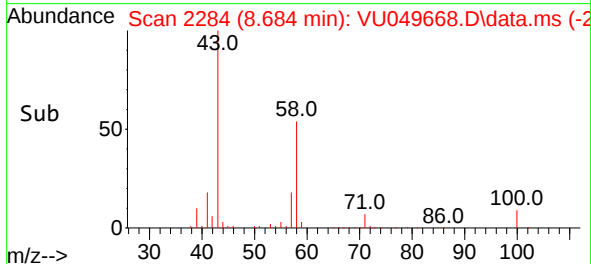
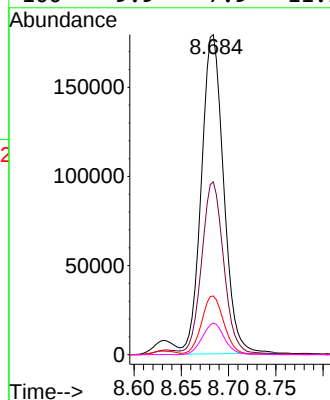
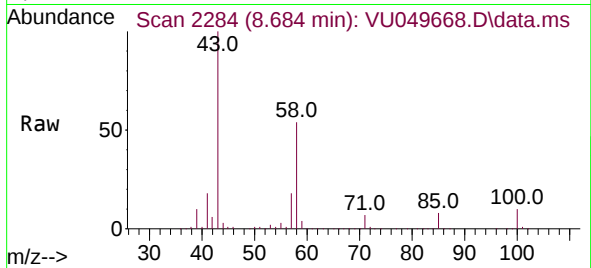




#48
2-Hexanone
Concen: 103.964 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

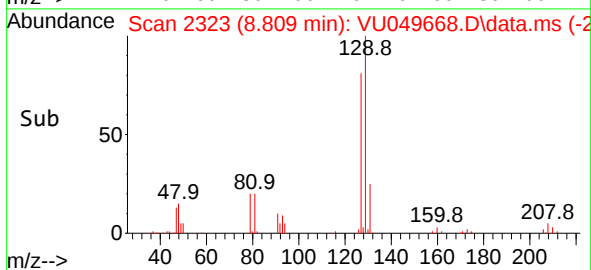
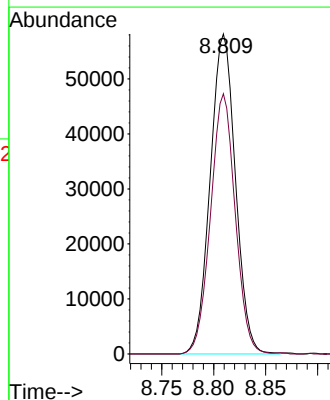
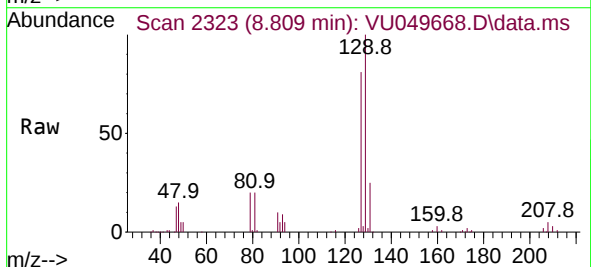
Instrument :
MSVOA_U
ClientSampleId :
VSTD050003

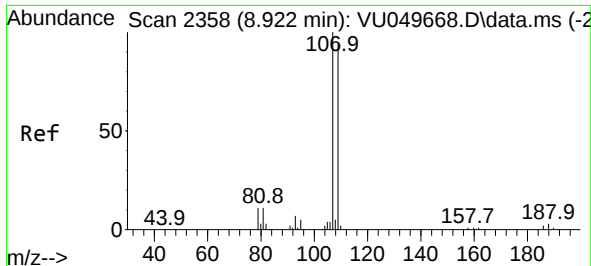
Tgt Ion:	43	Resp:	292873
Ion	Ratio	Lower	Upper
43	100		
58	53.3	42.6	64.0
57	18.8	15.0	22.6
100	9.9	7.9	11.9



#49
Dibromochloromethane
Concen: 45.742 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Tgt Ion:	129	Resp:	98277
Ion	Ratio	Lower	Upper
129	100		
127	81.3	56.9	105.7





#50

1,2-Dibromoethane

Concen: 46.775 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD050003

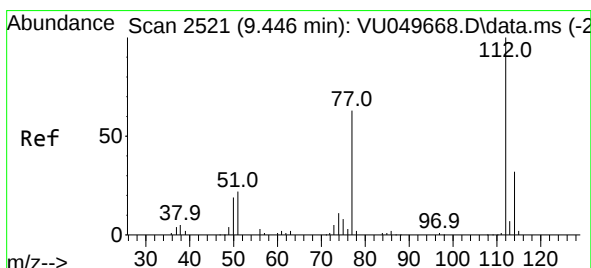
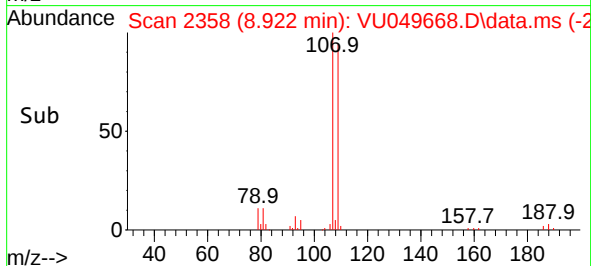
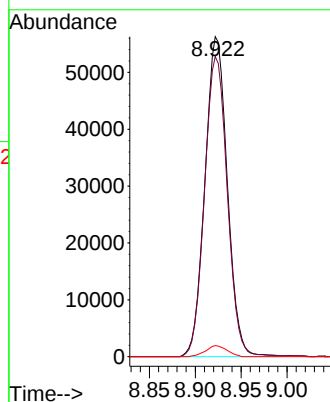
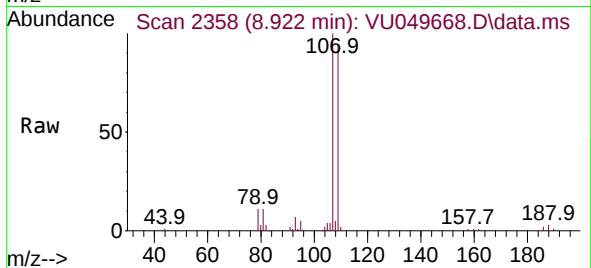
Tgt Ion:107 Resp: 95690

Ion Ratio Lower Upper

107 100

109 93.8 65.7 121.9

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 48.735 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

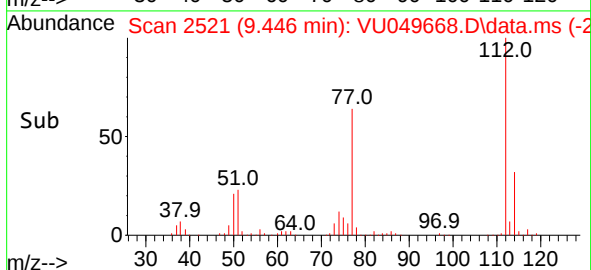
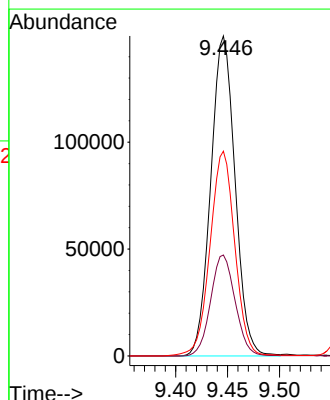
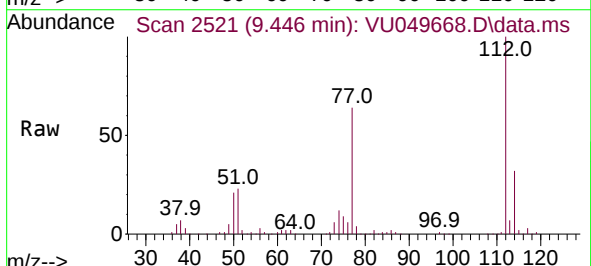
Tgt Ion:112 Resp: 243674

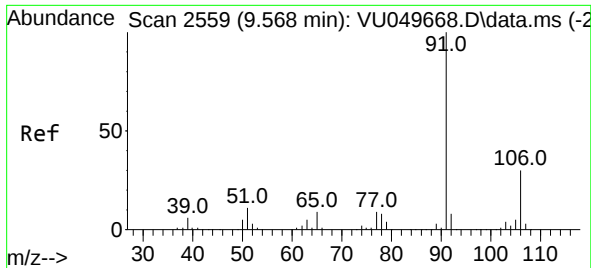
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 64.0 51.2 76.8

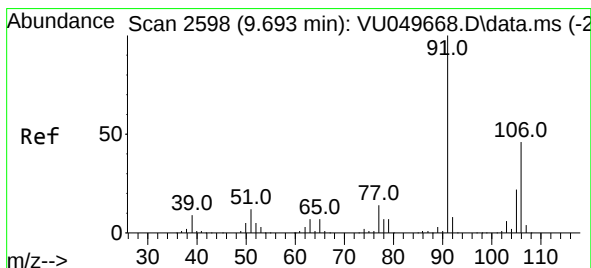
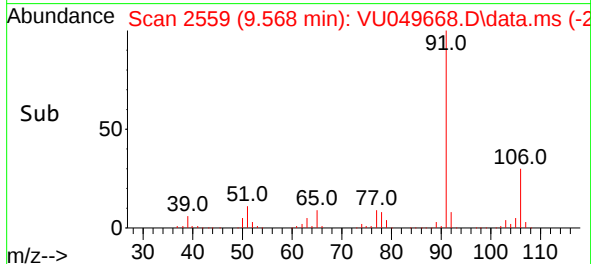
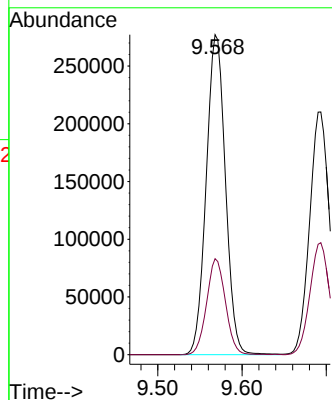
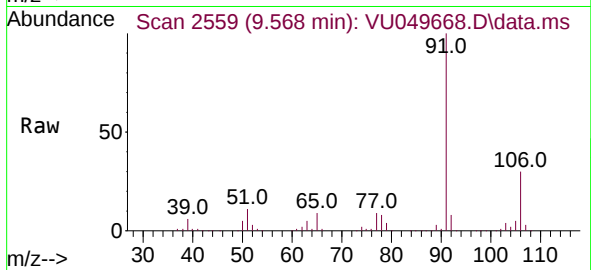




#52
Ethylbenzene
Concen: 53.631 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

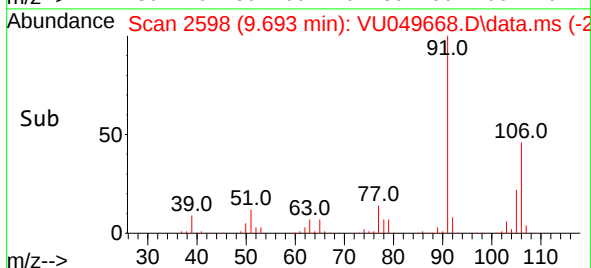
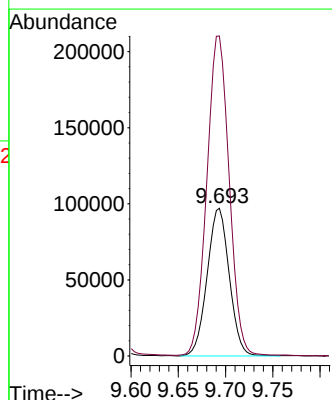
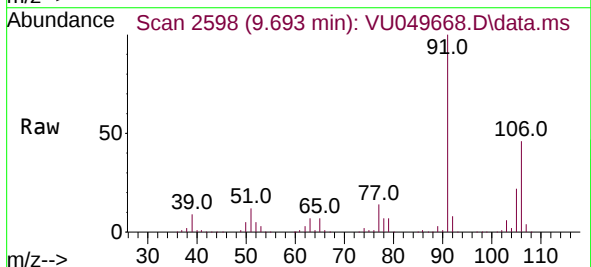
Instrument :
MSVOA_U
ClientSampleId :
VSTD050003

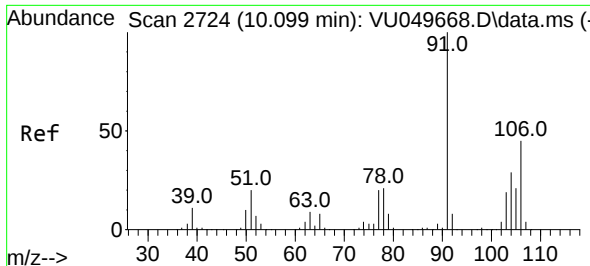
Tgt Ion: 91 Resp: 439549
Ion Ratio Lower Upper
91 100
106 30.0 21.0 39.0



#53
m,p-Xylene
Concen: 50.222 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Tgt Ion:106 Resp: 158124
Ion Ratio Lower Upper
106 100
91 216.7 151.7 281.7

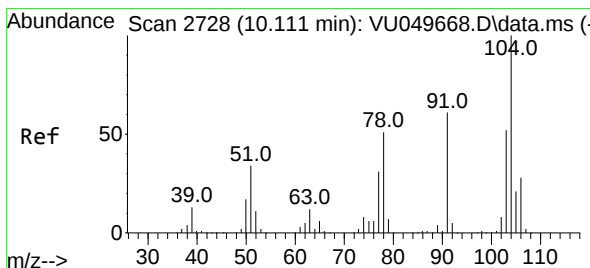
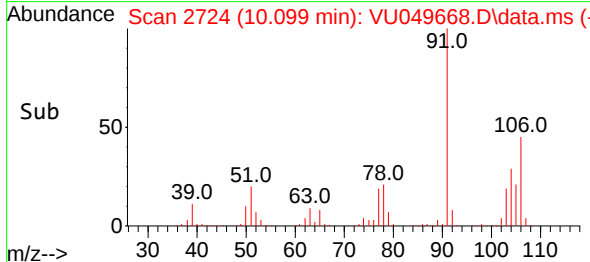
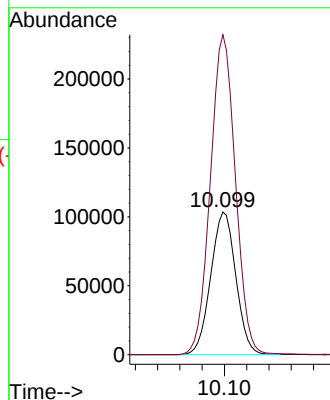
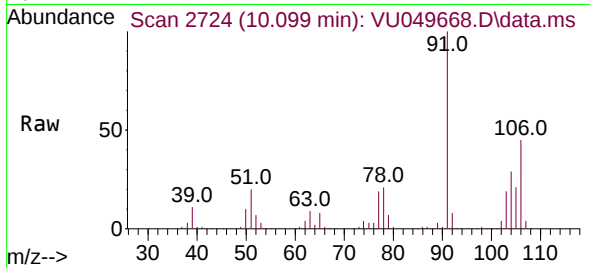




#54
o-Xylene
Concen: 50.778 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

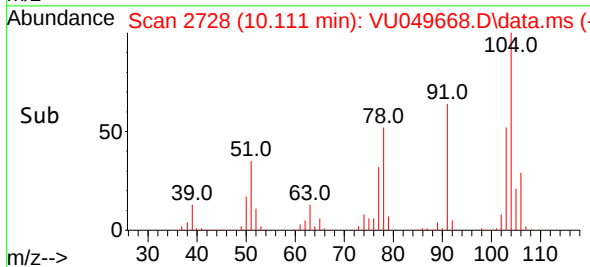
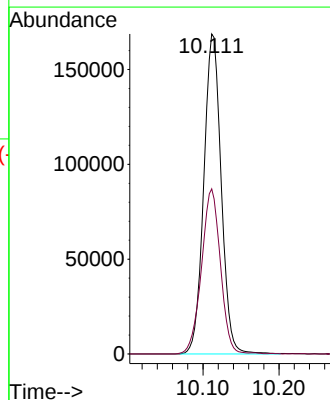
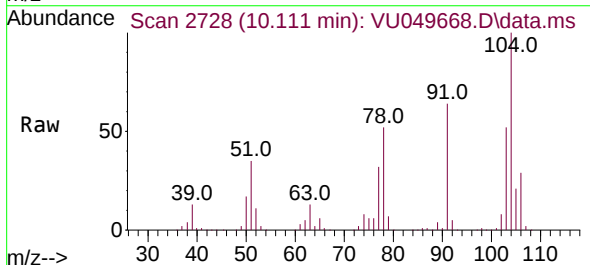
Instrument :
MSVOA_U
ClientSampleId :
VSTD050003

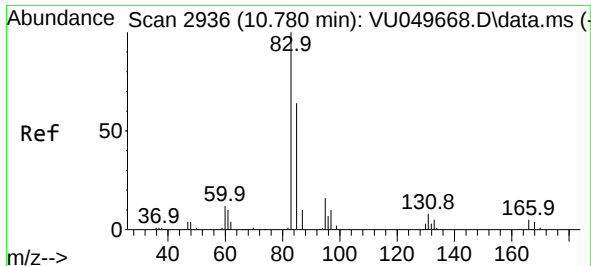
Tgt Ion:106 Resp: 162016
Ion Ratio Lower Upper
106 100
91 224.2 156.9 291.5



#55
Styrene
Concen: 50.567 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Tgt Ion:104 Resp: 268904
Ion Ratio Lower Upper
104 100
78 51.6 36.1 67.1





#57

1,1,2-Tetrachloroethane

Concen: 48.630 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD050003

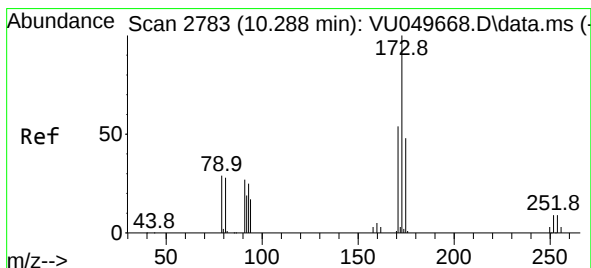
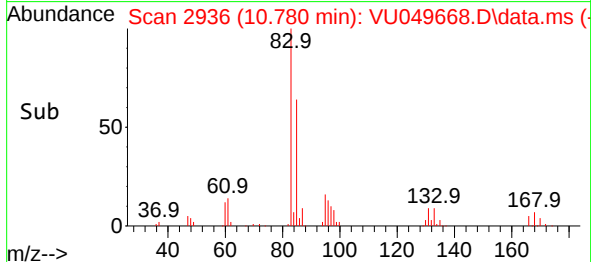
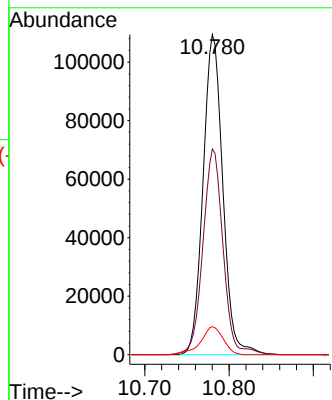
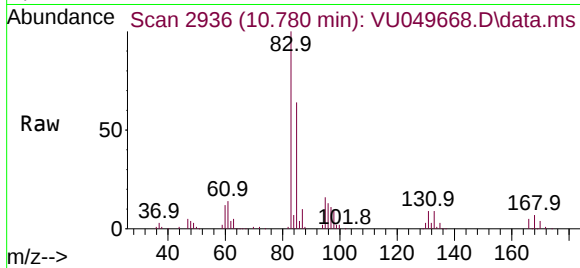
Tgt Ion: 83 Resp: 178589

Ion Ratio Lower Upper

83 100

85 64.3 45.0 83.6

131 8.8 7.0 10.6



#59

Bromoform

Concen: 43.866 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

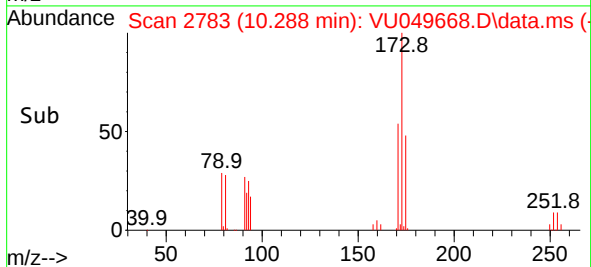
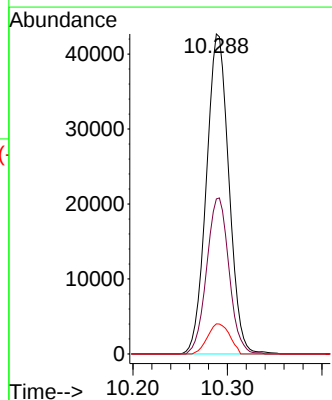
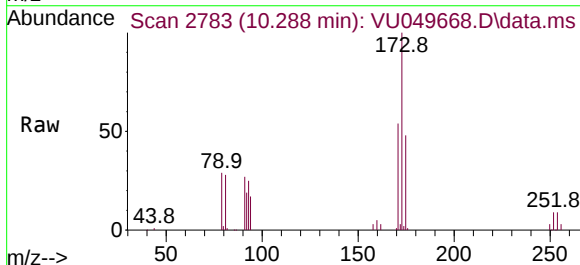
Tgt Ion: 173 Resp: 70511

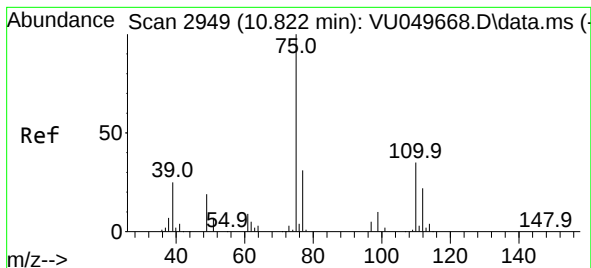
Ion Ratio Lower Upper

173 100

175 48.3 38.6 58.0

254 9.2 7.4 11.0





#60

1,2,3-Trichloropropane

Concen: 49.773 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD050003

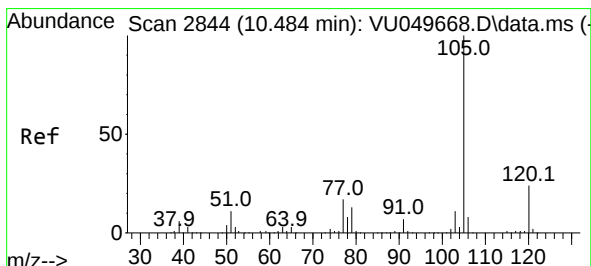
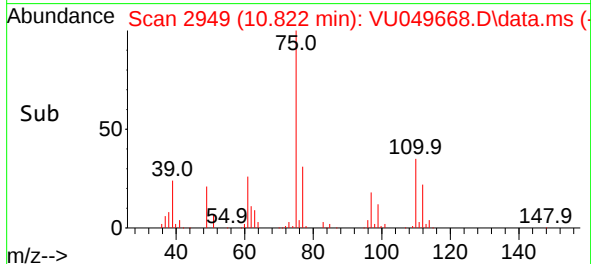
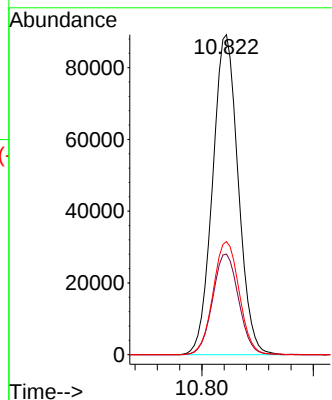
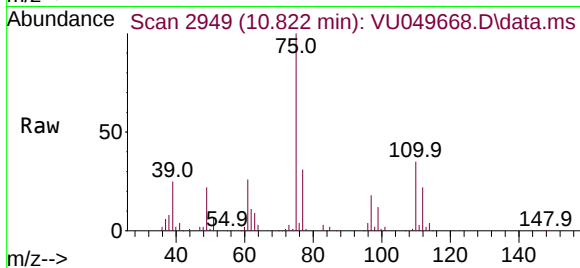
Tgt Ion: 75 Resp: 142459

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

110 36.1 28.9 43.3



#61

Isopropylbenzene

Concen: 54.318 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

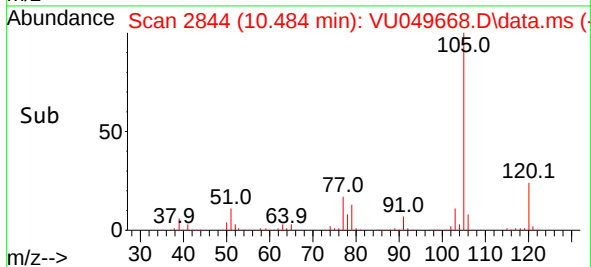
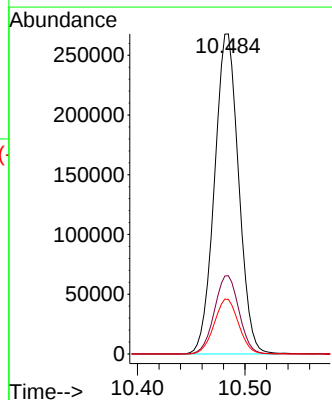
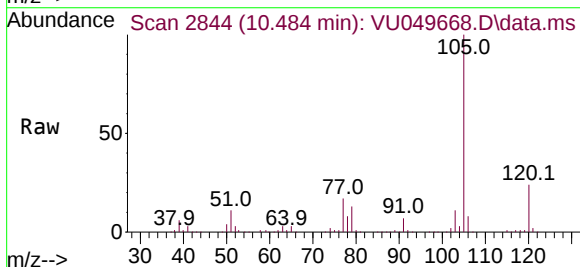
Tgt Ion: 105 Resp: 417288

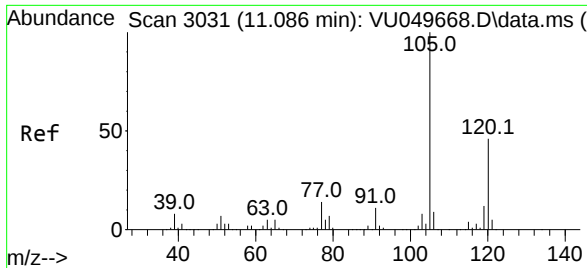
Ion Ratio Lower Upper

105 100

120 24.9 19.9 29.9

77 17.3 13.8 20.8

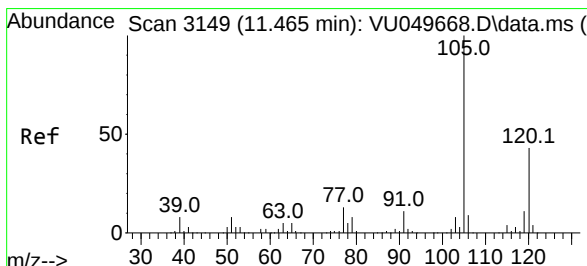
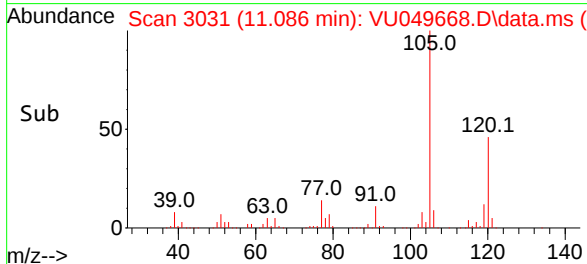
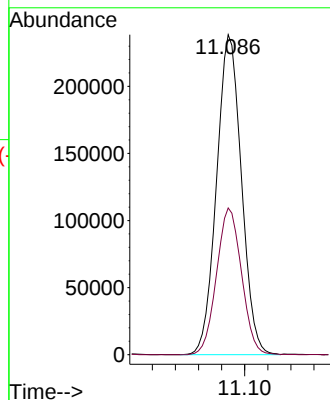
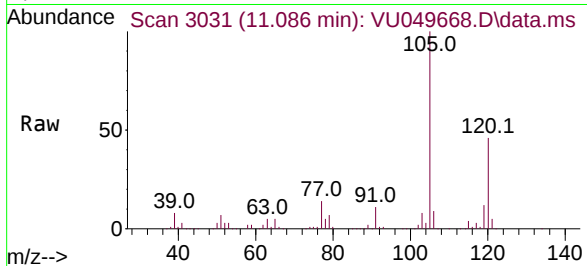




#62
1,3,5-Trimethylbenzene
Concen: 54.355 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

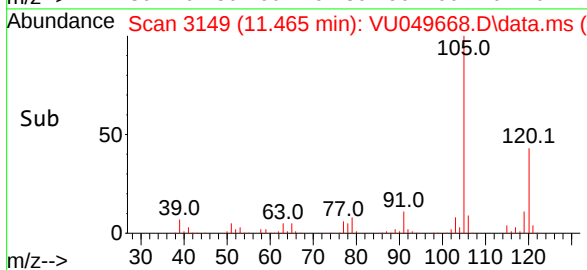
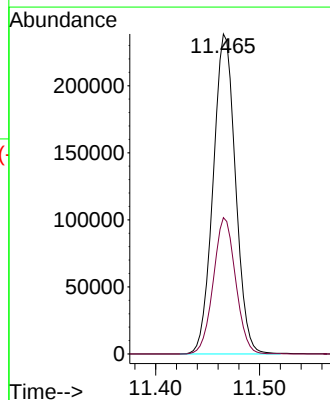
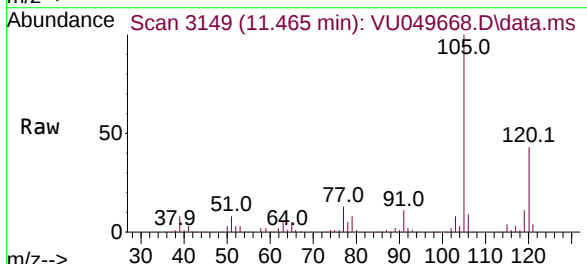
Instrument :
MSVOA_U
ClientSampleId :
VSTD050003

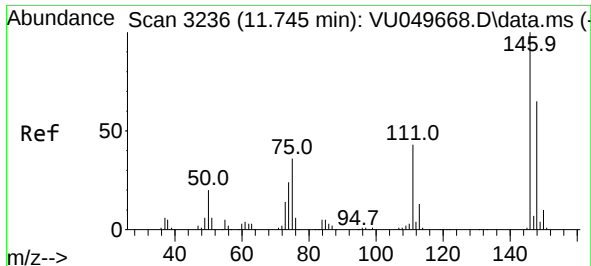
Tgt Ion:105 Resp: 356351
Ion Ratio Lower Upper
105 100
120 46.0 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 64.383 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Tgt Ion:105 Resp: 356347
Ion Ratio Lower Upper
105 100
120 42.4 33.9 50.9

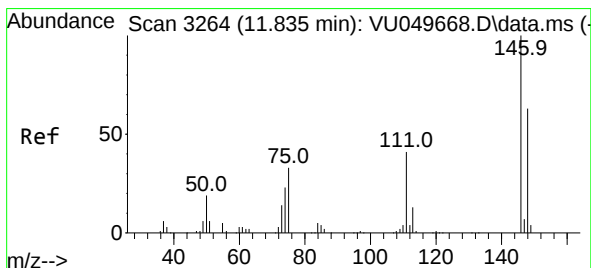
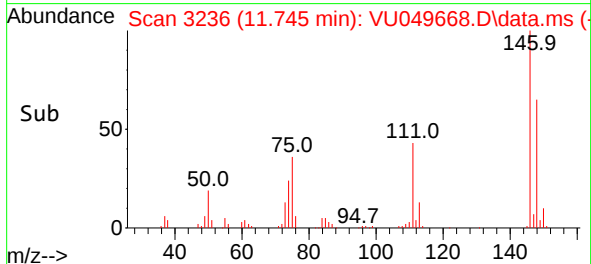
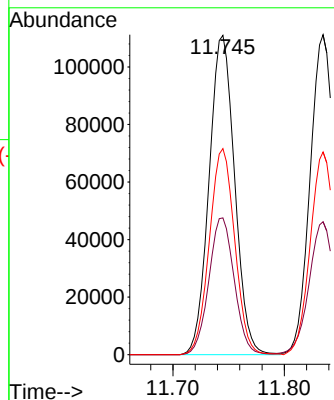
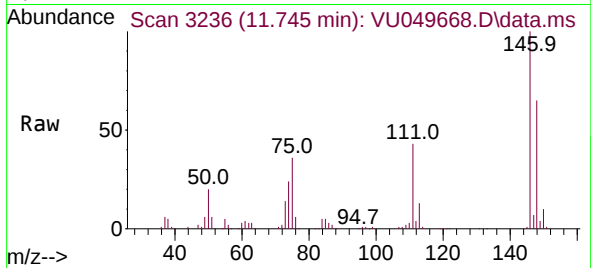




#64
1,3-Dichlorobenzene
Concen: 47.545 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

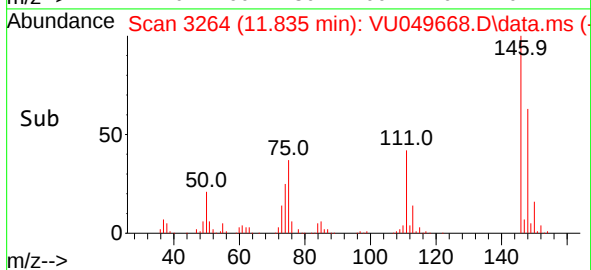
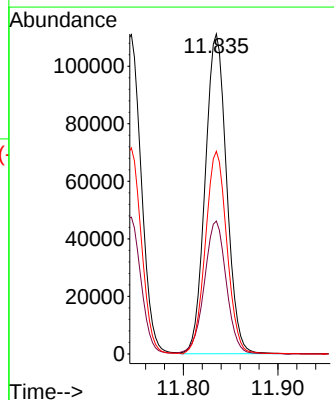
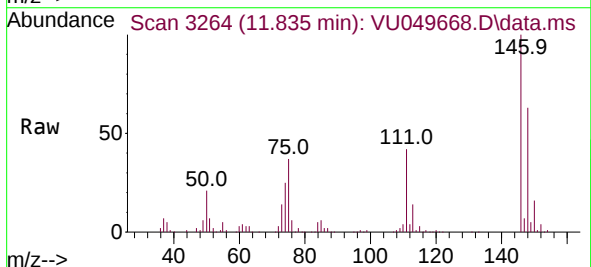
Instrument :
MSVOA_U
ClientSampleId :
VSTD050003

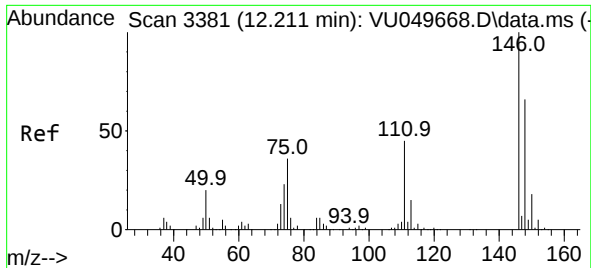
Tgt Ion:146 Resp: 177025
Ion Ratio Lower Upper
146 100
111 42.8 30.0 55.6
148 64.5 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 46.609 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Tgt Ion:146 Resp: 175057
Ion Ratio Lower Upper
146 100
111 41.6 29.1 54.1
148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 47.509 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD050003

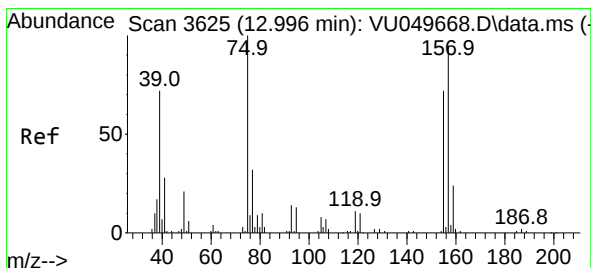
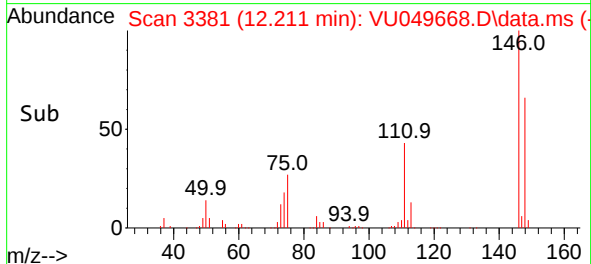
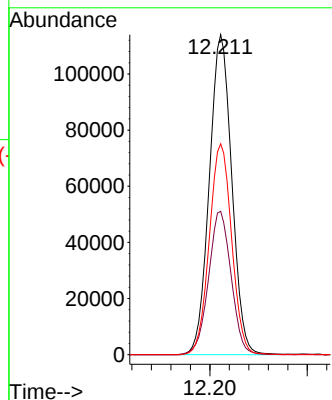
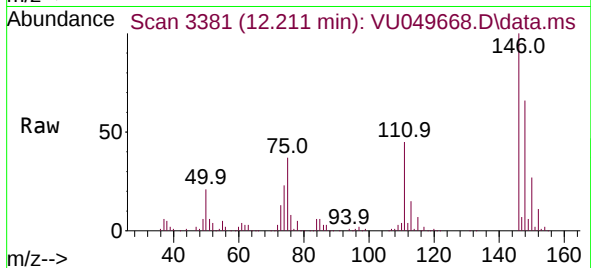
Tgt Ion:146 Resp: 182047

Ion Ratio Lower Upper

146 100

111 44.8 35.8 53.8

148 65.9 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 45.571 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

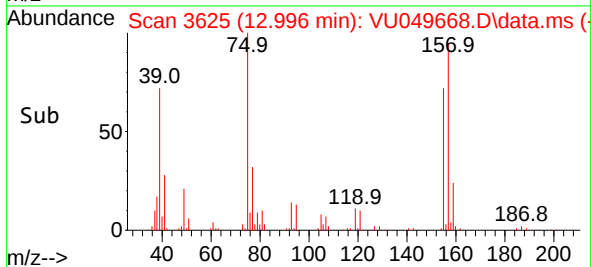
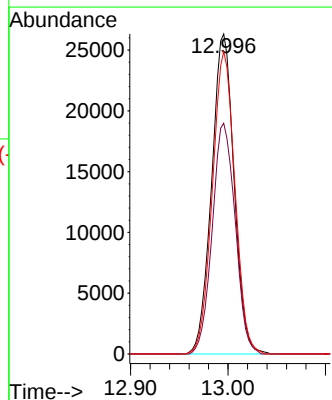
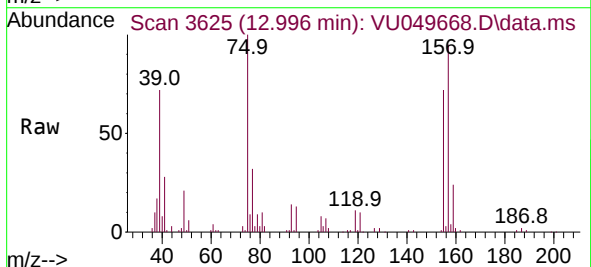
Tgt Ion: 75 Resp: 42070

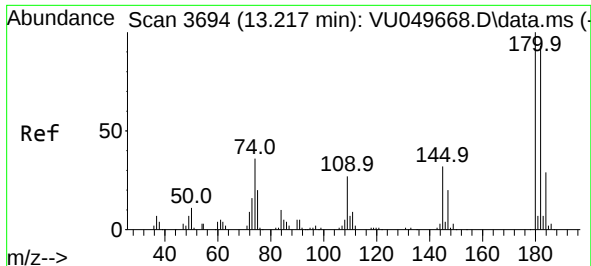
Ion Ratio Lower Upper

75 100

155 72.1 57.7 86.5

157 94.5 75.6 113.4





#69

1,3,5-Trichlorobenzene

Concen: 47.415 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD050003

Tgt Ion:180 Resp: 125669

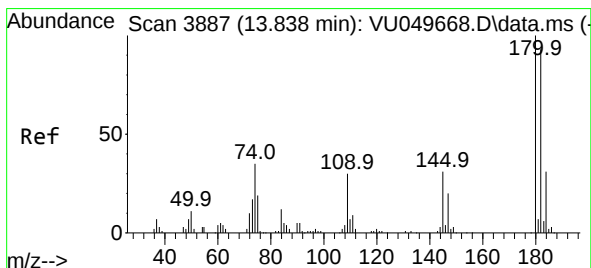
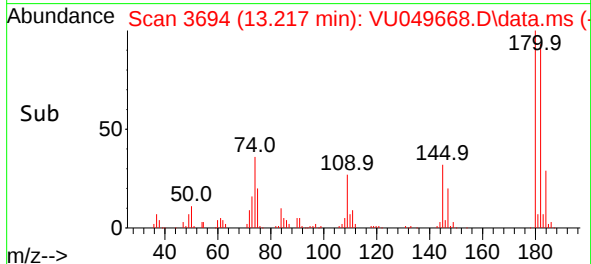
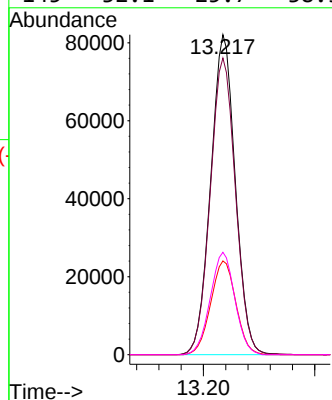
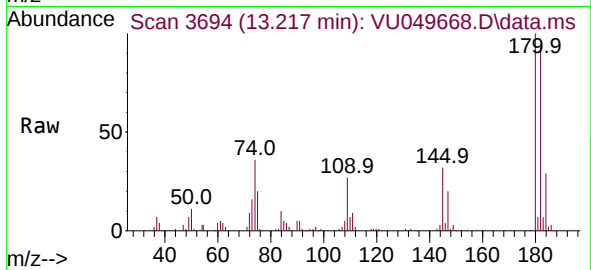
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

184 30.0 24.0 36.0

145 32.1 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 50.350 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU049668.D

Acq: 11 Jul 2022 11:11

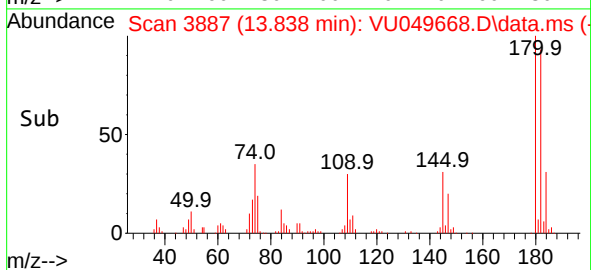
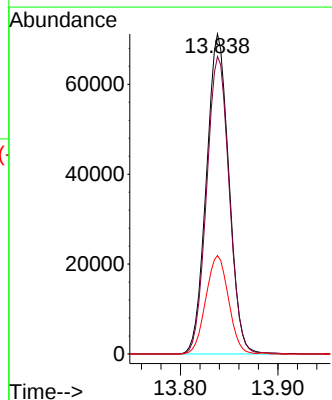
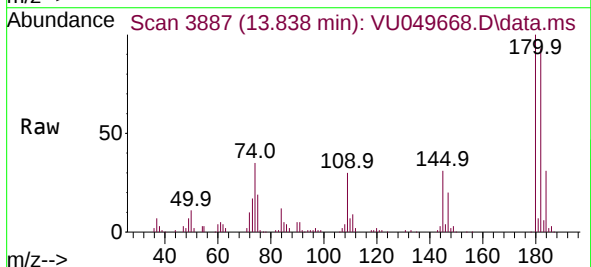
Tgt Ion:180 Resp: 114263

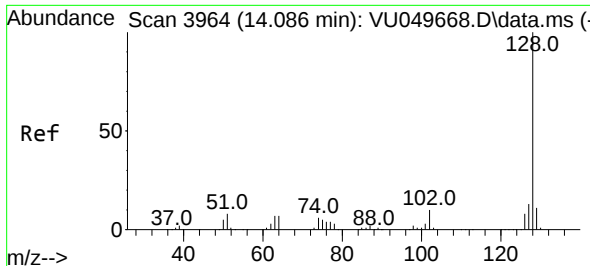
Ion Ratio Lower Upper

180 100

182 93.5 74.8 112.2

145 30.9 24.7 37.1

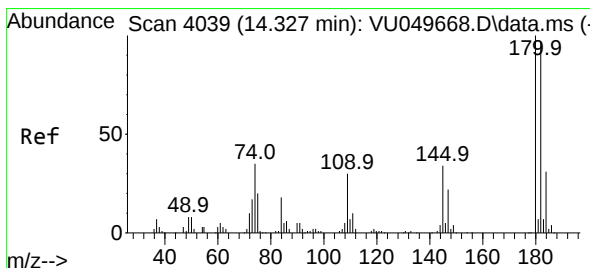
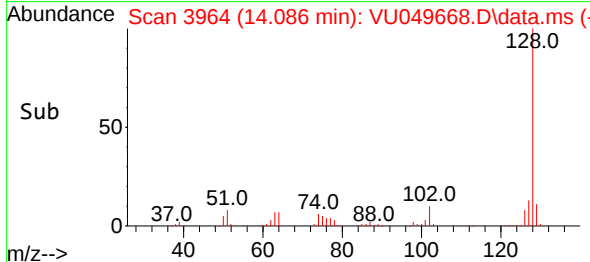
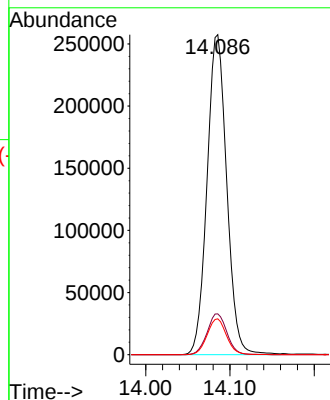
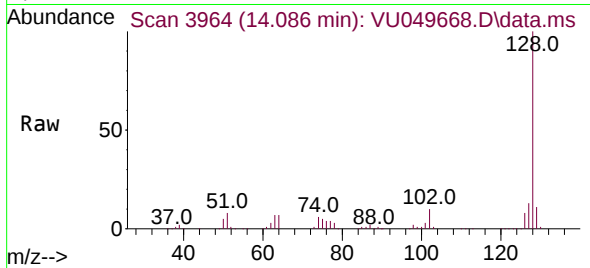




#71
Naphthalene
Concen: 51.546 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD050003

Tgt Ion:128 Resp: 418839
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 50.305 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU049668.D
Acq: 11 Jul 2022 11:11

Tgt Ion:180 Resp: 120564
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
145 33.9 27.1 40.7

