

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090622\
 Data File : VU050630.D
 Acq On : 06 Sep 2022 12:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050190

Quant Time: Sep 07 01:34:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 05 01:05:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	338135	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	373988	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	161179	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	121679	42.073	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.140%		
7) Chloroethane-d5	1.906	69	99637	50.946	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.900%		
11) 1,1-Dichloroethene-d2	2.568	63	224064	43.842	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.680%		
21) 2-Butanone-d5	4.620	46	230382	108.879	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.880%		
24) Chloroform-d	5.063	84	273735	49.939	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.880%		
26) 1,2-Dichloroethane-d4	5.703	65	167674	50.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.120%		
32) Benzene-d6	5.729	84	540611	43.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.480%		
36) 1,2-Dichloropropane-d6	6.690	67	185738	45.774	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.540%		
41) Toluene-d8	7.899	98	487388	46.115	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.220%		
43) trans-1,3-Dichloroprop...	8.179	79	82370	49.061	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.120%		
47) 2-Hexanone-d5	8.632	63	114263	111.949	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.950%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	300905	49.003	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	185656	49.205	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.420%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	162571	50.055	ug/L	100
3) Chloromethane	1.520	50	193412	55.114	ug/L	97
5) Vinyl chloride	1.604	62	175845	53.185	ug/L	98
6) Bromomethane	1.848	94	100827	60.468	ug/L	98
8) Chloroethane	1.928	64	99058	56.408	ug/L	98
9) Trichlorofluoromethane	2.134	101	201965	50.137	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	134671	50.964	ug/L	99
12) 1,1-Dichloroethene	2.578	96	126613	49.312	ug/L	96
13) Acetone	2.623	43	166444	104.278	ug/L	99
14) Carbon disulfide	2.790	76	382874	50.287	ug/L	100
15) Methyl Acetate	2.948	43	183064	54.230	ug/L	99
16) Methylene chloride	3.044	84	169752	50.377	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	139144	51.105	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	443213	52.502	ug/L	100
19) 1,1-Dichloroethane	3.870	63	271228	51.634	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	158440	51.576	ug/L	99
22) 2-Butanone	4.700	43	263954	105.730	ug/L	97
23) Bromochloromethane	4.973	128	83797	52.788	ug/L	99
25) Chloroform	5.089	83	279973	52.314	ug/L	98

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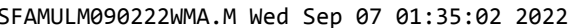
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050190

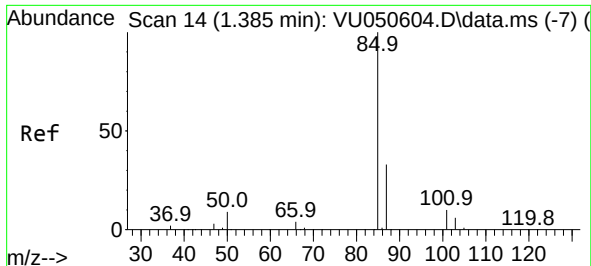
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	210809	53.146	ug/L	100
29) Cyclohexane	5.388	56	226319	45.186	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	222007	44.073	ug/L	99
31) Carbon tetrachloride	5.523	117	182932	44.325	ug/L	100
33) Benzene	5.774	78	650963	47.828	ug/L	100
34) Trichloroethene	6.542	95	145397	45.847	ug/L	98
35) Methylcyclohexane	6.764	83	238857	47.375	ug/L	99
37) 1,2-Dichloropropane	6.793	63	175329	48.769	ug/L	100
38) Bromodichloromethane	7.105	83	210537	49.784	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	237581	48.822	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	498572	101.767	ug/L	100
42) Toluene	7.970	91	678806	49.099	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	234925	51.454	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	176327	51.057	ug/L	99
46) Tetrachloroethene	8.555	164	110905	47.880	ug/L	95
48) 2-Hexanone	8.684	43	434691	95.073	ug/L	97
49) Dibromochloromethane	8.812	129	178713	54.254	ug/L	100
50) 1,2-Dibromoethane	8.925	107	191186	54.435	ug/L	99
51) Chlorobenzene	9.449	112	431768	50.320	ug/L	100
52) Ethylbenzene	9.571	91	721613	52.835	ug/L	99
53) m,p-Xylene	9.697	106	274278	52.417	ug/L	98
54) o-Xylene	10.102	106	284226	54.560	ug/L	98
55) Styrene	10.115	104	480274	56.032	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	312587	50.814	ug/L	99
59) Bromoform	10.291	173	129095	53.683	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	238172	50.363	ug/L	99
61) Isopropylbenzene	10.484	105	658787	51.637	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	577693	52.965	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	564522	53.898	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	287738	51.257	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	289686	52.207	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	297504	49.760	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	66930	53.593	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	204759	50.261	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	169039	48.866	ug/L	100
71) Naphthalene	14.089	128	510693	41.639	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	170814	45.598	ug/L	99

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

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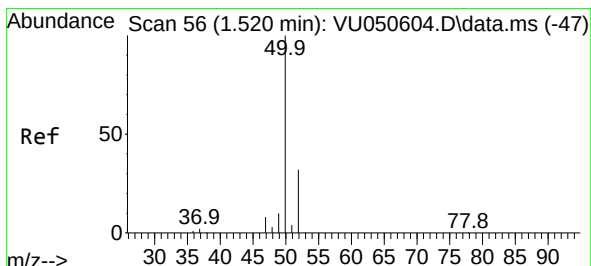
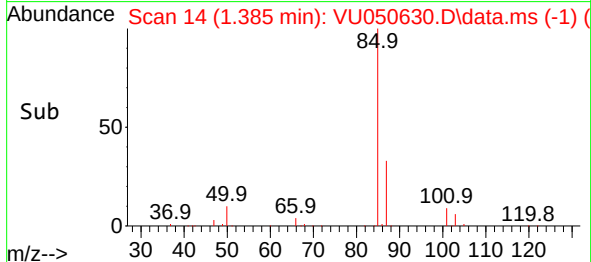
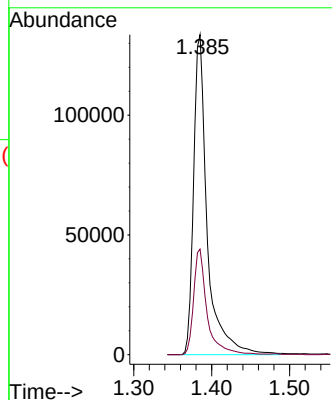
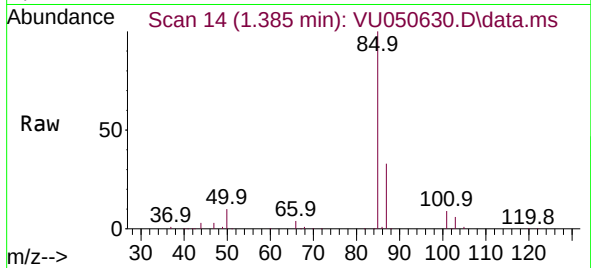




#2
Dichlorodifluoromethane
Concen: 50.055 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

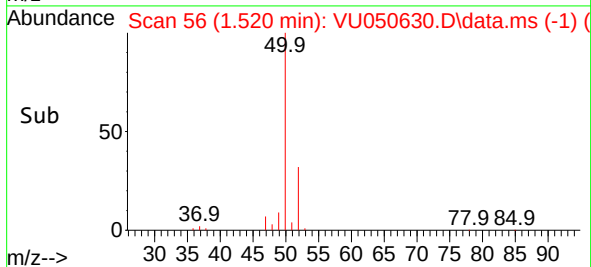
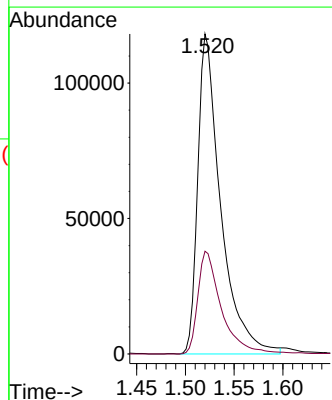
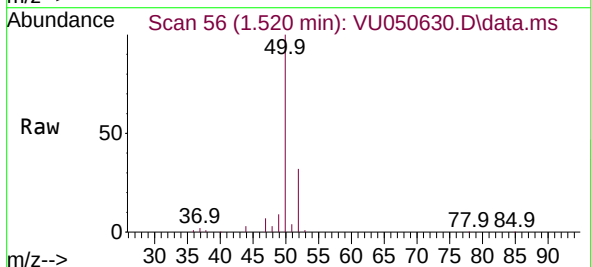
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

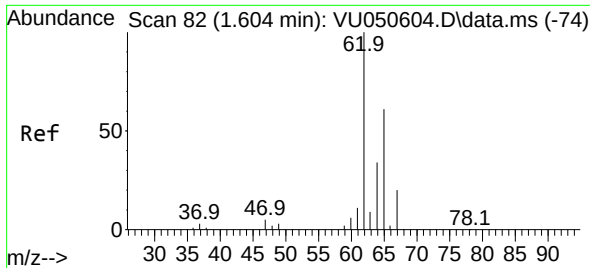
Tgt Ion: 85 Resp: 162571
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.8



#3
Chloromethane
Concen: 55.114 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion: 50 Resp: 193412
Ion Ratio Lower Upper
50 100
52 32.1 23.7 43.9

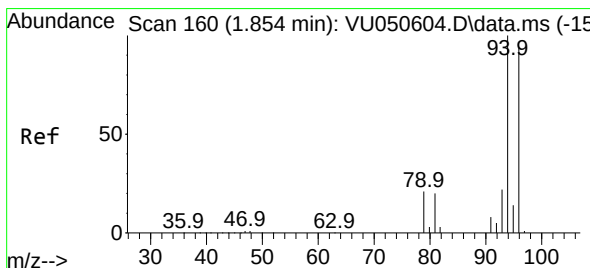
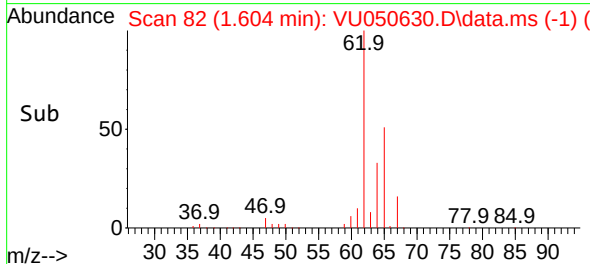
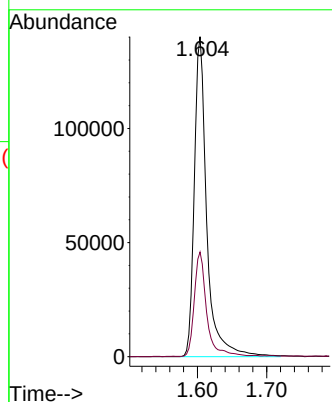
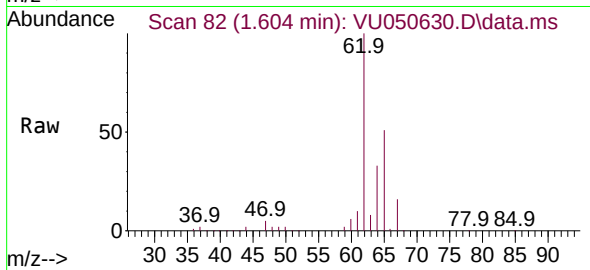




#5
 Vinyl chloride
 Concen: 53.185 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050630.D
 Acq: 06 Sep 2022 12:42

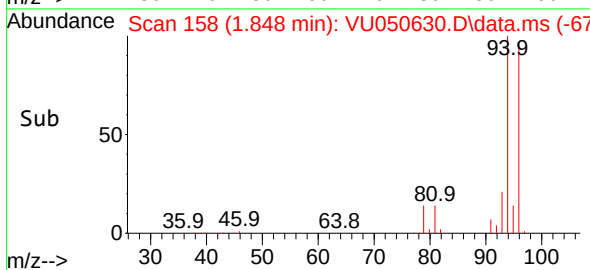
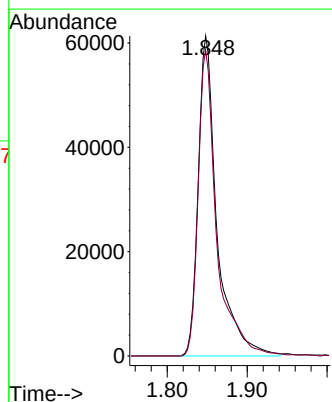
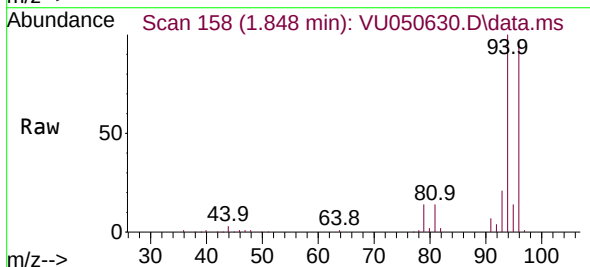
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 ClientSampleId :
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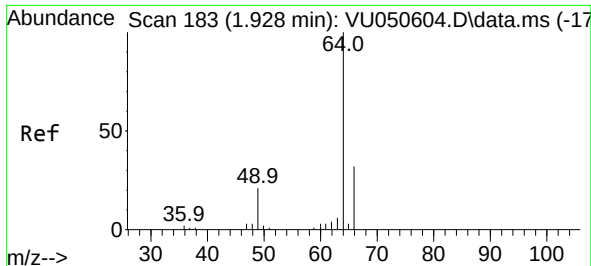
Tgt Ion: 62 Resp: 175845
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.5 43.7



#6
 Bromomethane
 Concen: 60.468 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.006 min
 Lab File: VU050630.D
 Acq: 06 Sep 2022 12:42

Tgt Ion: 94 Resp: 100827
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.6 121.8

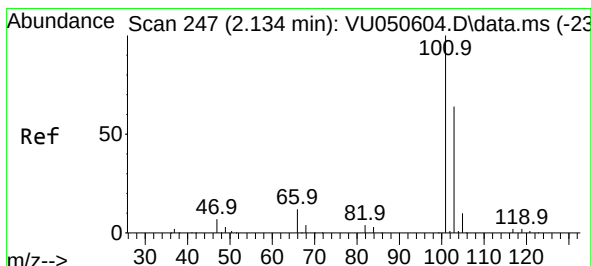
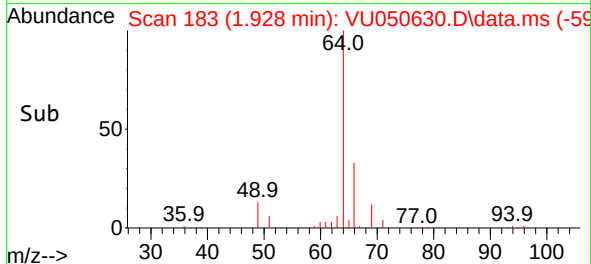
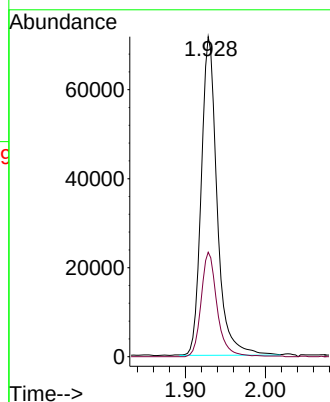
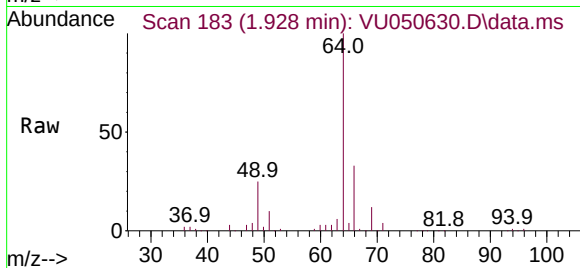




#8
Chloroethane
Concen: 56.408 ug/L
RT: 1.928 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

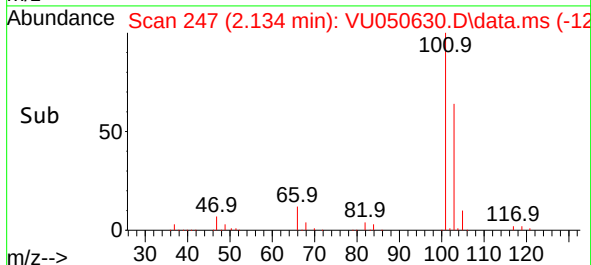
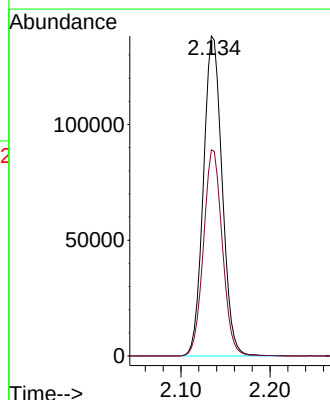
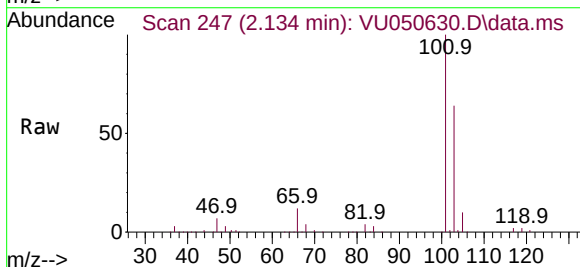
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ClientSampleId :
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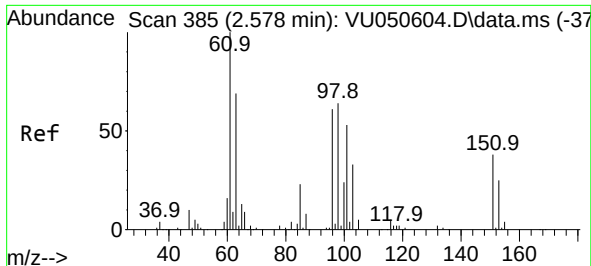
Tgt Ion: 64 Resp: 99058
Ion Ratio Lower Upper
64 100
66 32.6 21.9 40.7



#9
Trichlorofluoromethane
Concen: 50.137 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion:101 Resp: 201965
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0

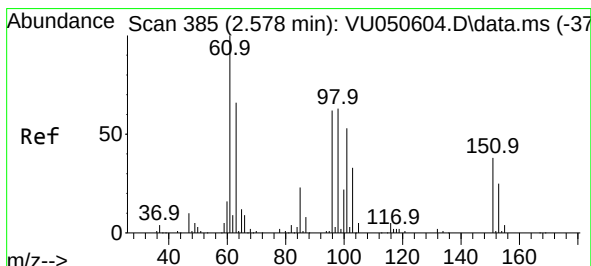
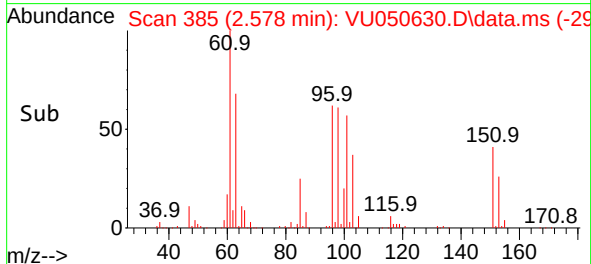
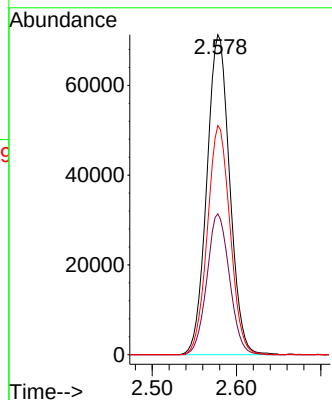
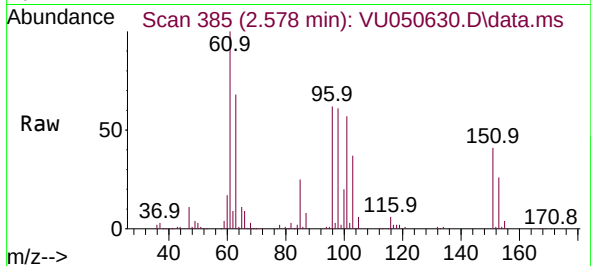




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.964 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU050630.D
 Acq: 06 Sep 2022 12:42

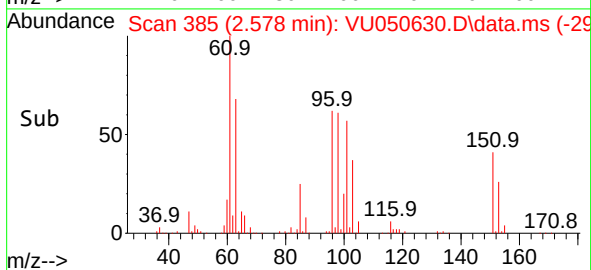
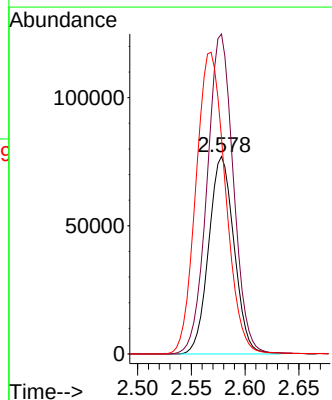
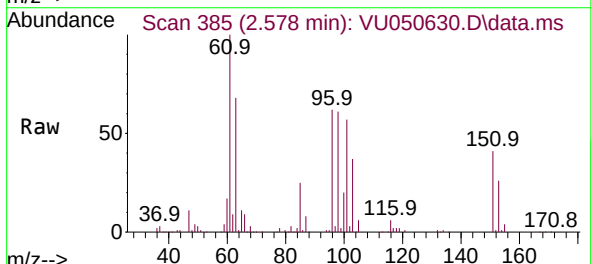
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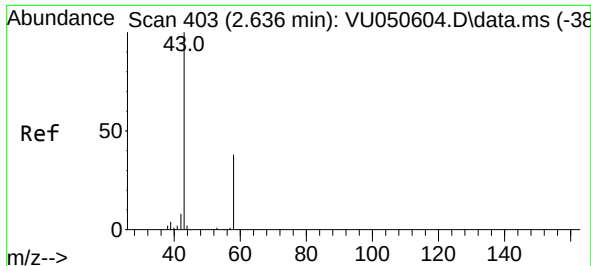
Tgt Ion:101 Resp: 134671
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.4 51.6
 151 71.1 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 49.312 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU050630.D
 Acq: 06 Sep 2022 12:42

Tgt Ion: 96 Resp: 126613
 Ion Ratio Lower Upper
 96 100
 61 162.0 118.0 219.1
 63 109.6 79.5 147.7





#13

Acetone

Concen: 104.278 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.013 min

Lab File: VU050630.D

Acq: 06 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

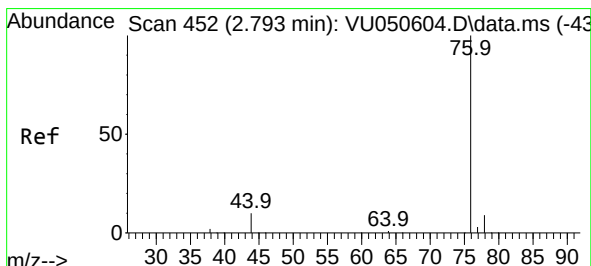
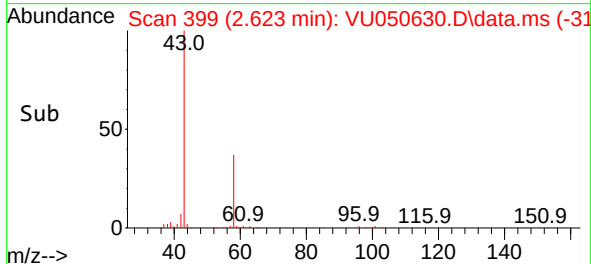
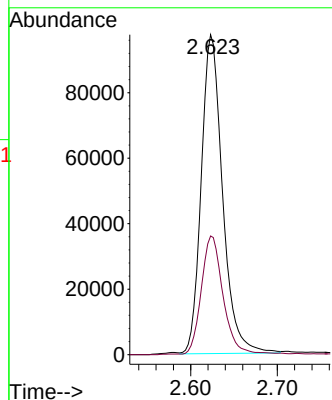
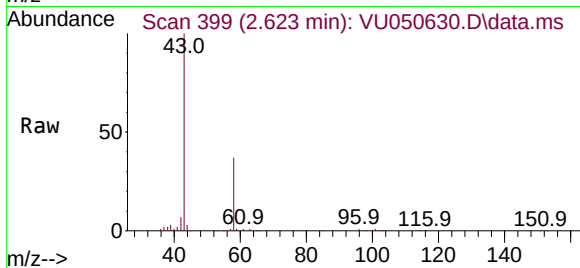
VSTD050190

Tgt Ion: 43 Resp: 166444

Ion Ratio Lower Upper

43 100

58 37.5 0.0 76.2



#14

Carbon disulfide

Concen: 50.287 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU050630.D

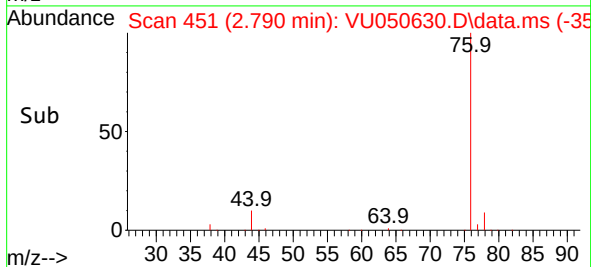
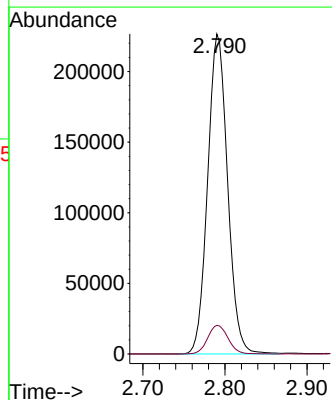
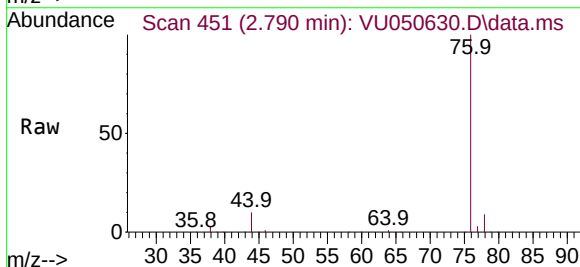
Acq: 06 Sep 2022 12:42

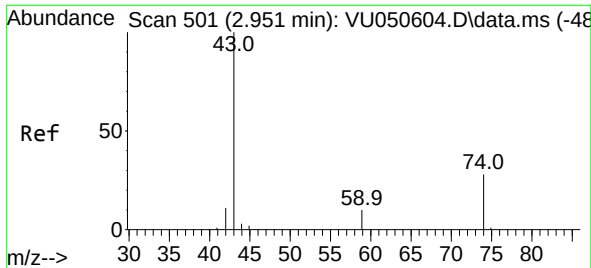
Tgt Ion: 76 Resp: 382874

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

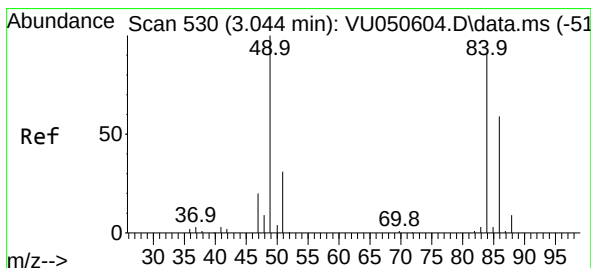
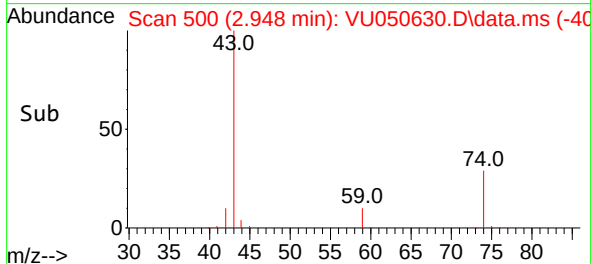
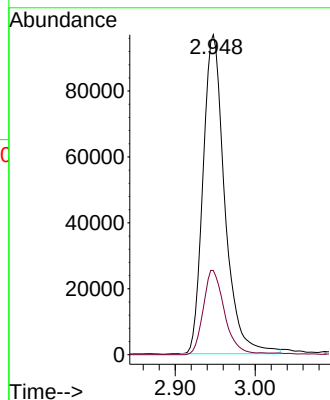
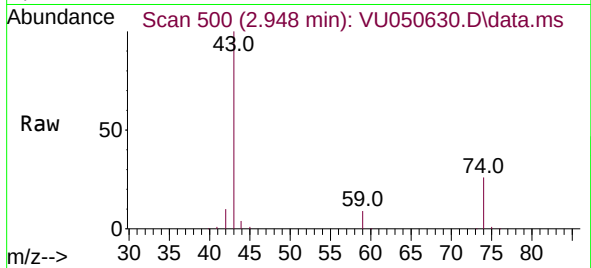




#15
Methyl Acetate
Concen: 54.230 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

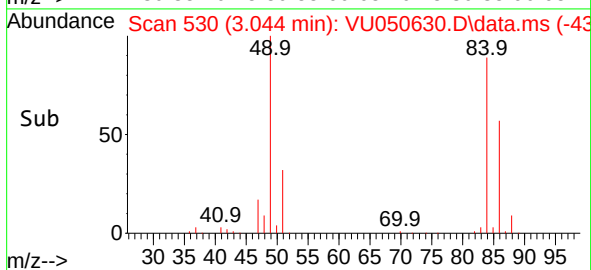
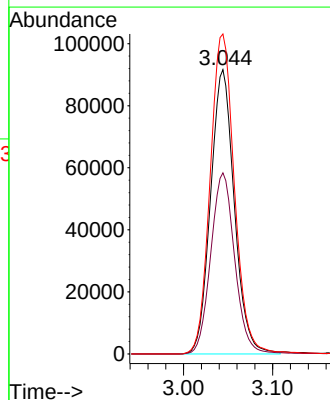
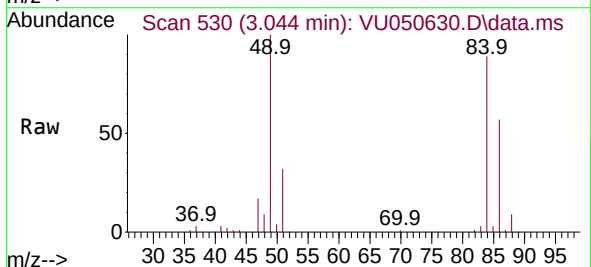
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

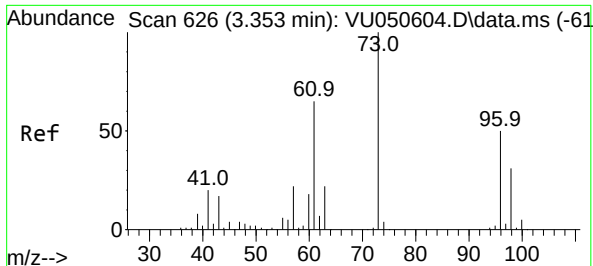
Tgt Ion: 43 Resp: 183064
Ion Ratio Lower Upper
43 100
74 25.7 21.2 31.8



#16
Methylene chloride
Concen: 50.377 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion: 84 Resp: 169752
Ion Ratio Lower Upper
84 100
86 63.7 44.8 83.2
49 112.5 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 51.105 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050630.D

Acq: 06 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTD050190

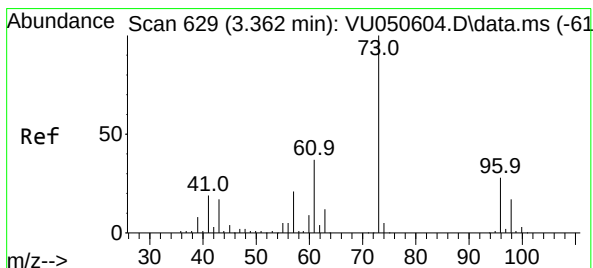
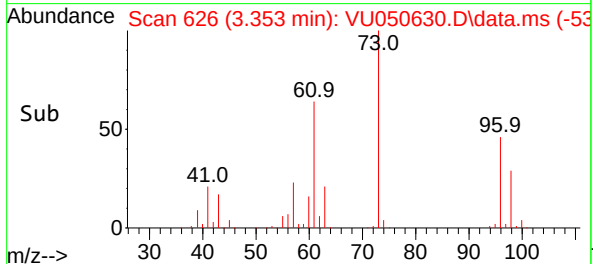
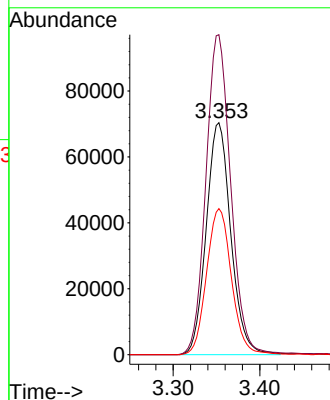
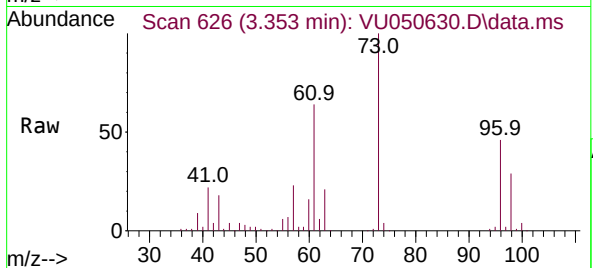
Tgt Ion: 96 Resp: 139144

Ion Ratio Lower Upper

96 100

61 137.9 97.9 181.7

98 63.0 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 52.502 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU050630.D

Acq: 06 Sep 2022 12:42

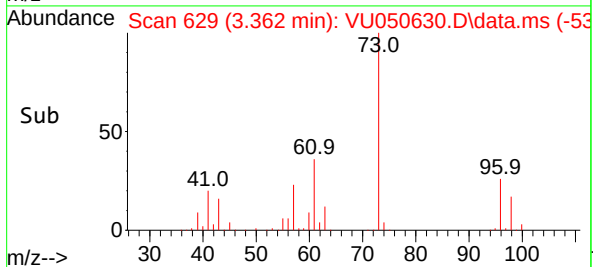
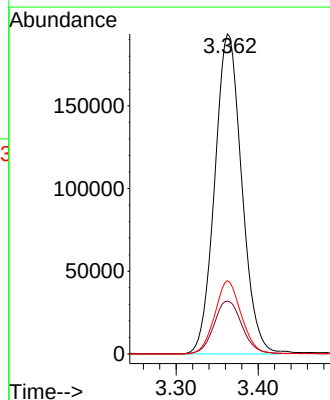
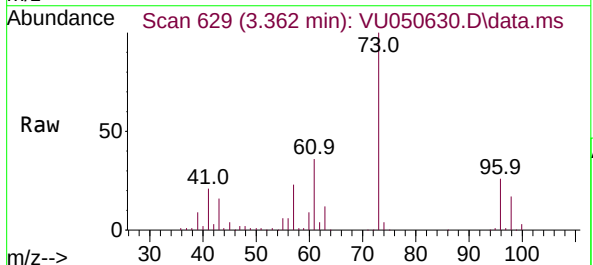
Tgt Ion: 73 Resp: 443213

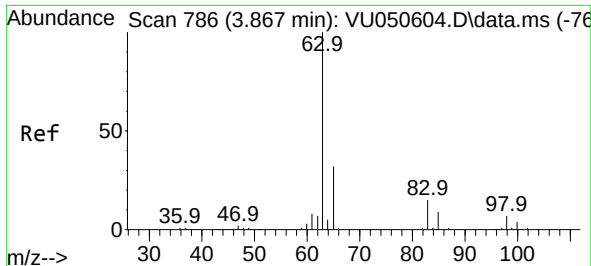
Ion Ratio Lower Upper

73 100

43 17.0 13.4 20.2

57 22.5 17.8 26.8





#19

1,1-Dichloroethane

Concen: 51.634 ug/L

RT: 3.870 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU050630.D

Acq: 06 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTD050190

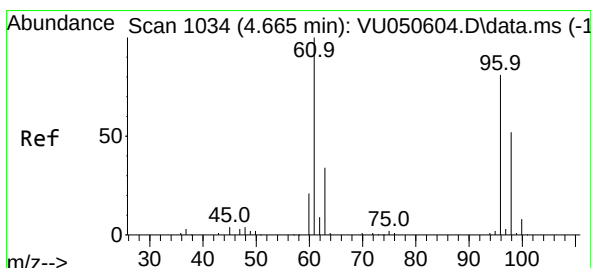
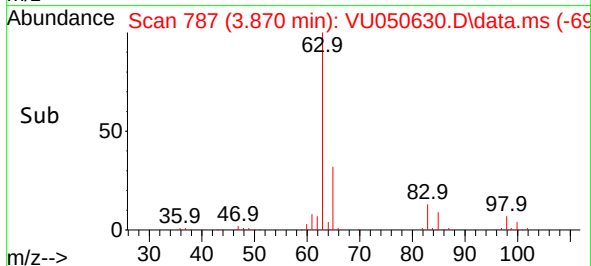
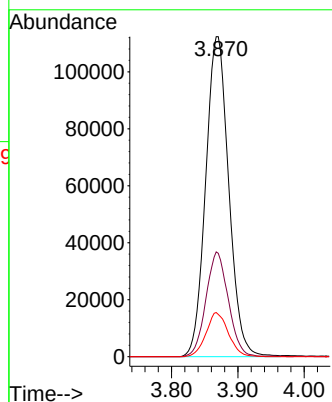
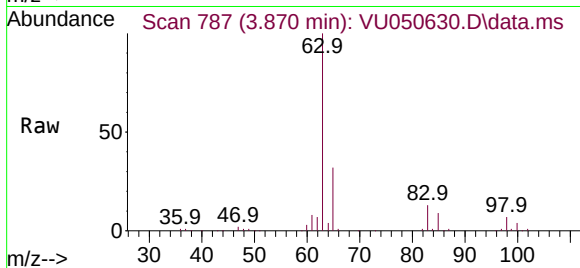
Tgt Ion: 63 Resp: 271228

Ion Ratio Lower Upper

63 100

65 32.3 22.4 41.6

83 13.2 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 51.576 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU050630.D

Acq: 06 Sep 2022 12:42

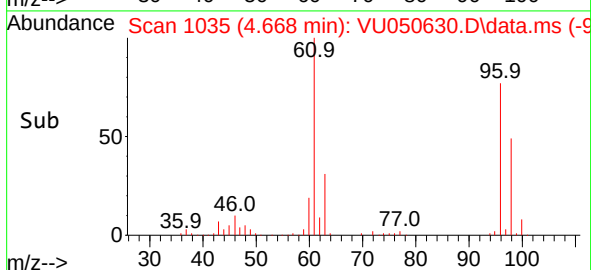
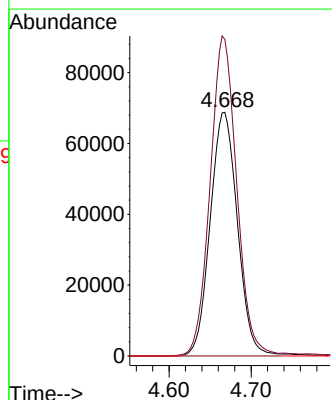
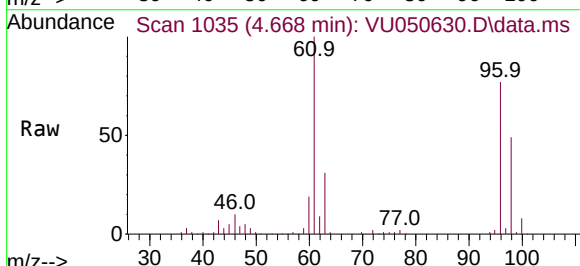
Tgt Ion: 96 Resp: 158440

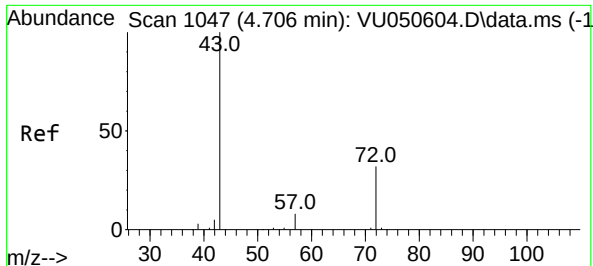
Ion Ratio Lower Upper

96 100

61 129.9 89.8 166.8

68 0.0 0.0 0.0

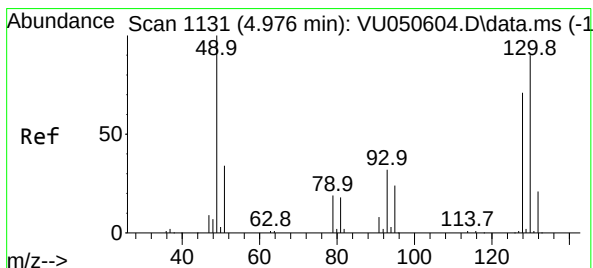
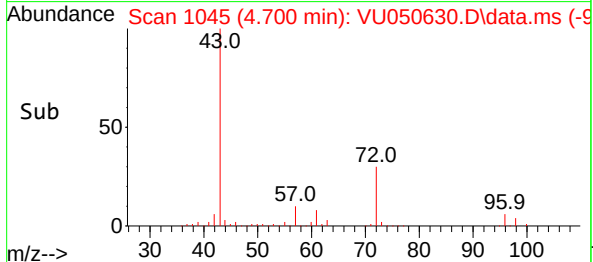
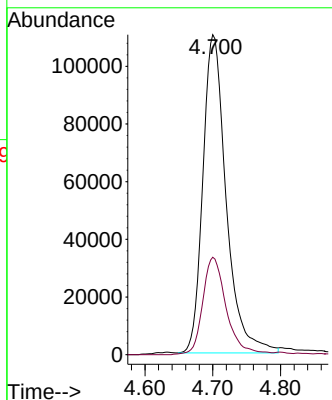
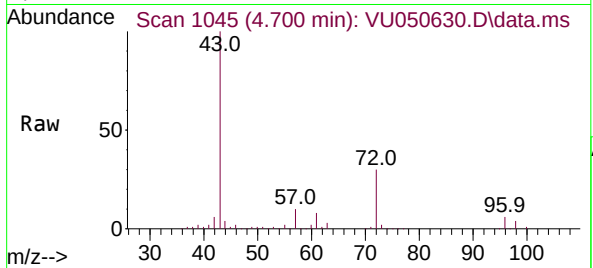




#22
2-Butanone
Concen: 105.730 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. -0.006 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

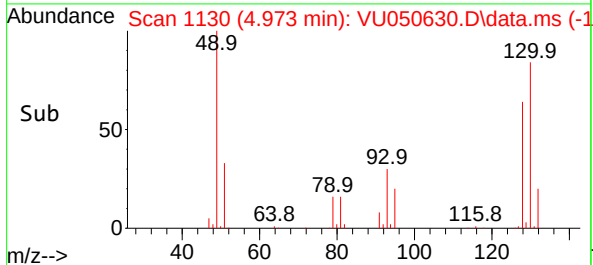
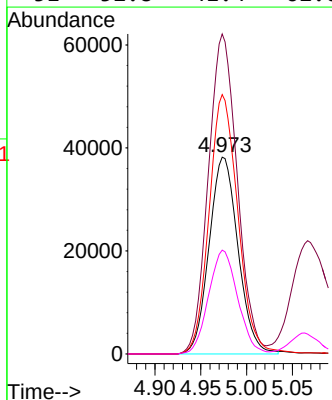
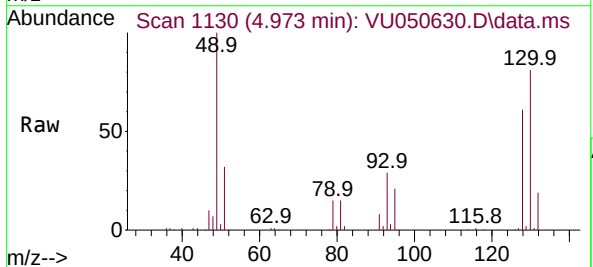
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

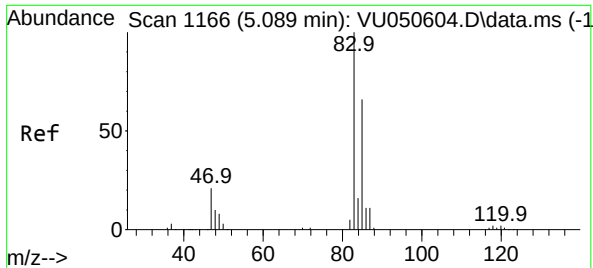
Tgt Ion: 43 Resp: 263954
Ion Ratio Lower Upper
43 100
72 30.6 14.6 44.0



#23
Bromochloromethane
Concen: 52.788 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion: 128 Resp: 83797
Ion Ratio Lower Upper
128 100
49 162.6 112.5 208.9
130 131.8 91.8 170.4
51 52.8 41.4 62.0





#25

Chloroform

Concen: 52.314 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU050630.D

Acq: 06 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

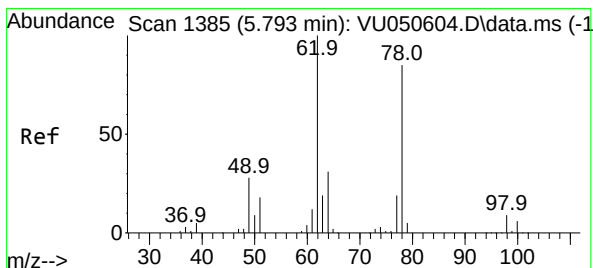
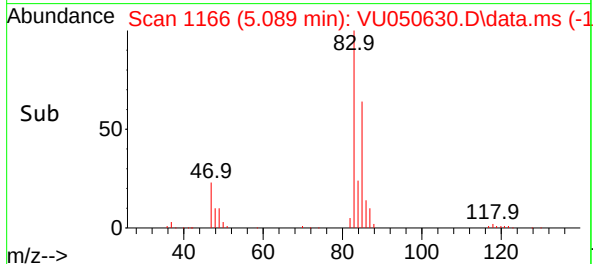
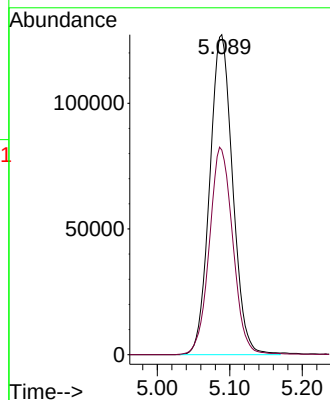
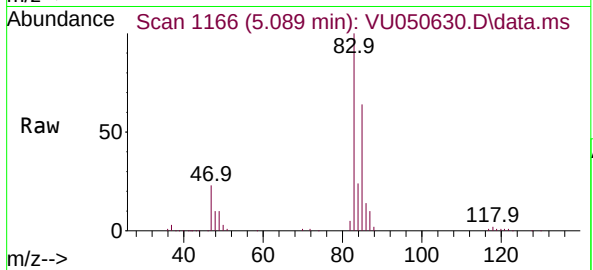
VSTD050190

Tgt Ion: 83 Resp: 279973

Ion Ratio Lower Upper

83 100

85 63.9 45.6 84.8



#27

1,2-Dichloroethane

Concen: 53.146 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050630.D

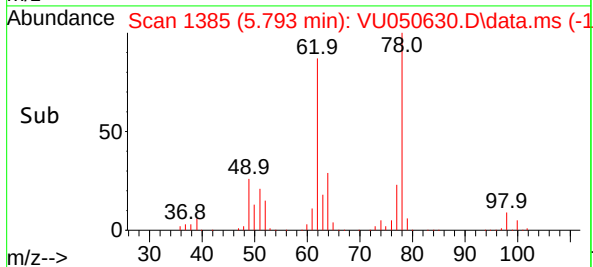
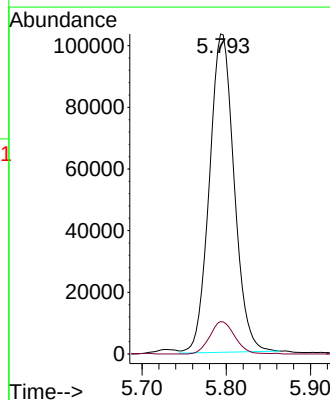
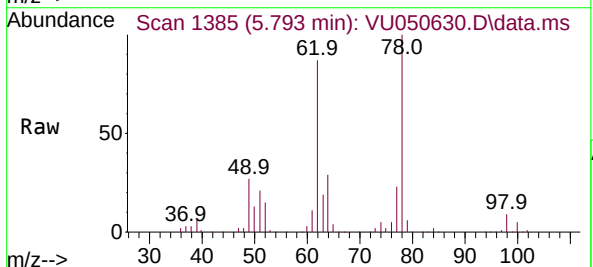
Acq: 06 Sep 2022 12:42

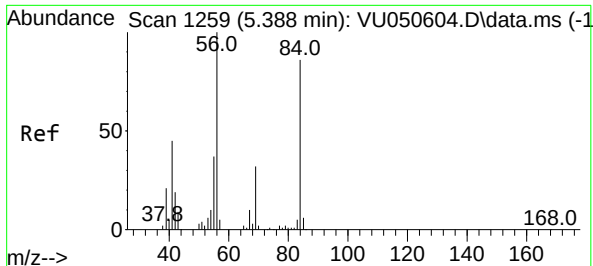
Tgt Ion: 62 Resp: 210809

Ion Ratio Lower Upper

62 100

98 10.1 8.2 12.2





#29

Cyclohexane

Concen: 45.186 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050630.D

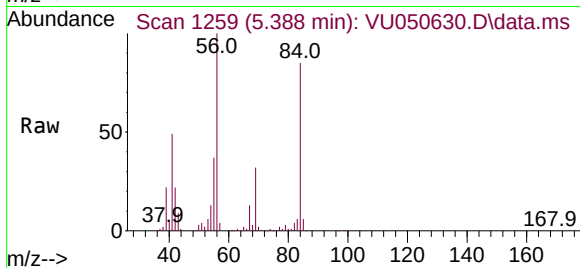
Acq: 06 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTD050190



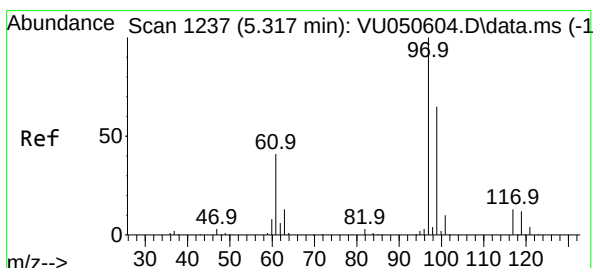
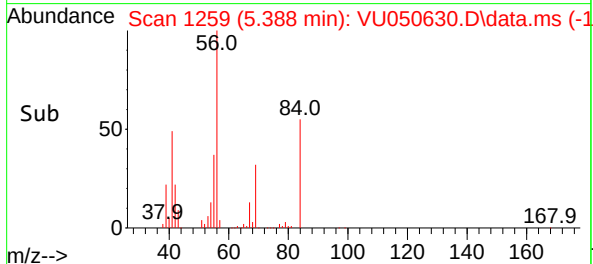
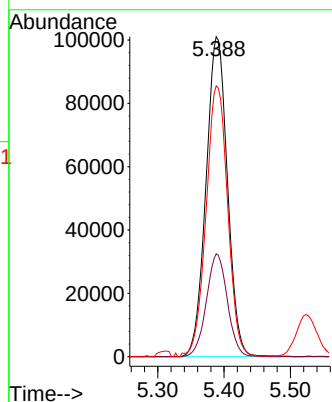
Tgt Ion: 56 Resp: 226319

Ion Ratio Lower Upper

56 100

69 31.5 24.6 37.0

84 85.3 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 44.073 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU050630.D

Acq: 06 Sep 2022 12:42

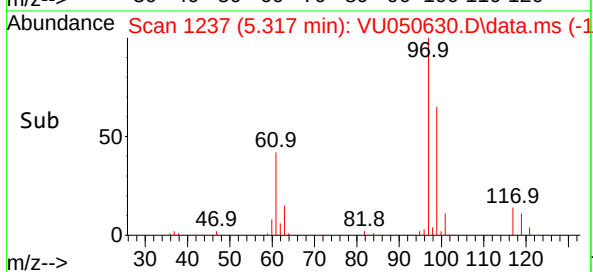
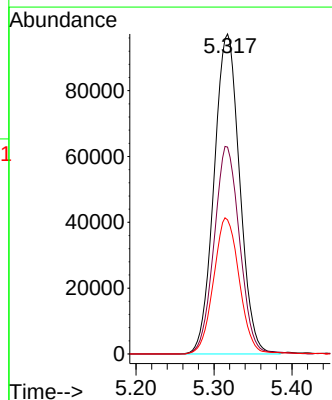
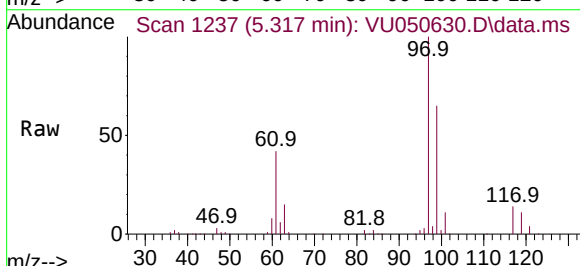
Tgt Ion: 97 Resp: 222007

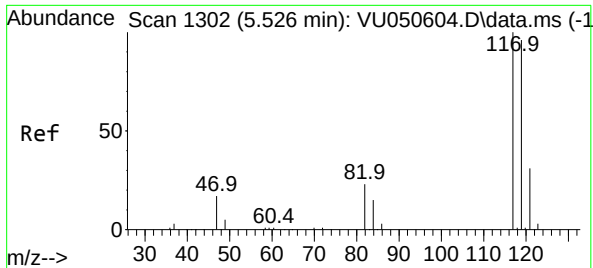
Ion Ratio Lower Upper

97 100

99 64.9 51.2 76.8

61 42.7 34.2 51.4

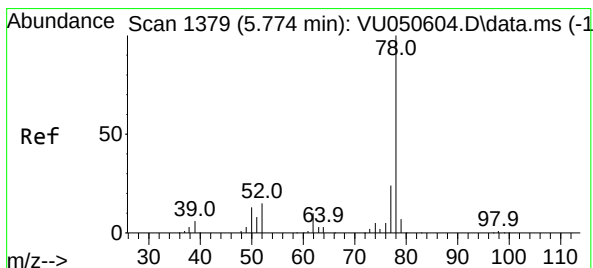
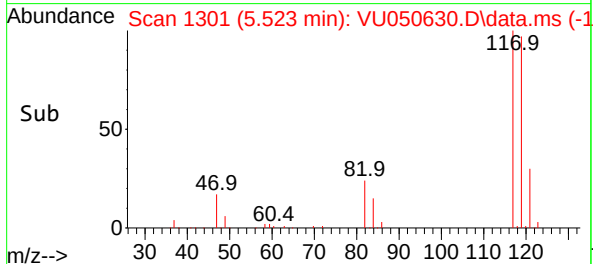
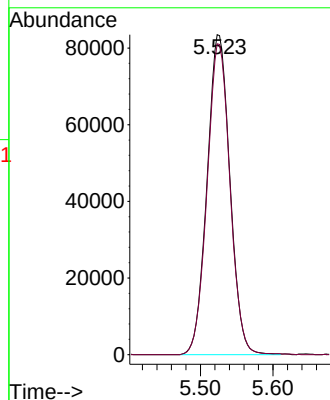
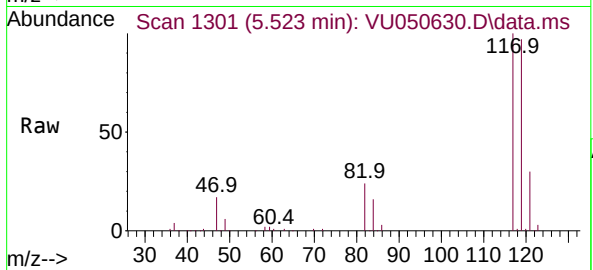




#31
Carbon tetrachloride
Concen: 44.325 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

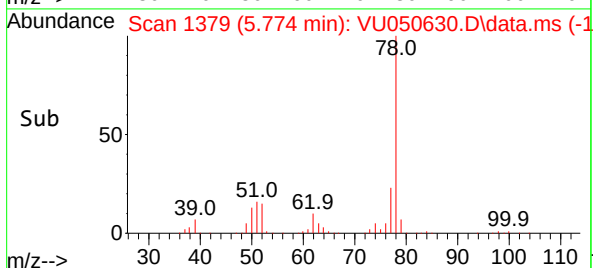
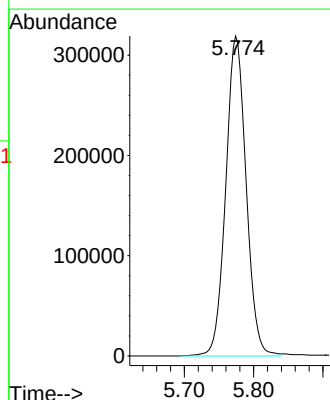
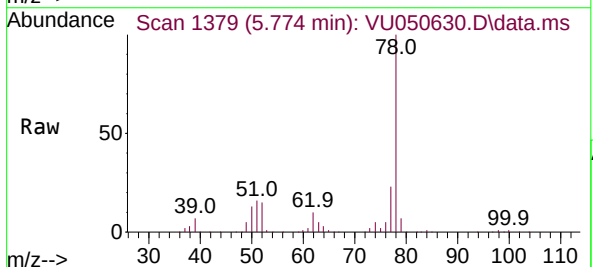
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

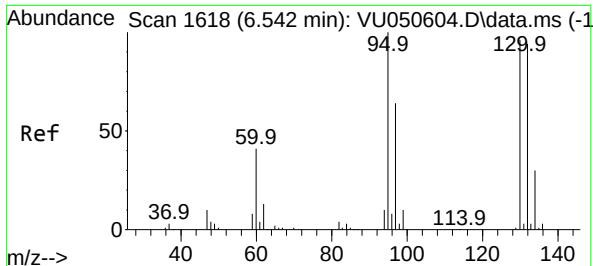
Tgt Ion:117 Resp: 182932
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.2



#33
Benzene
Concen: 47.828 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion: 78 Resp: 650963



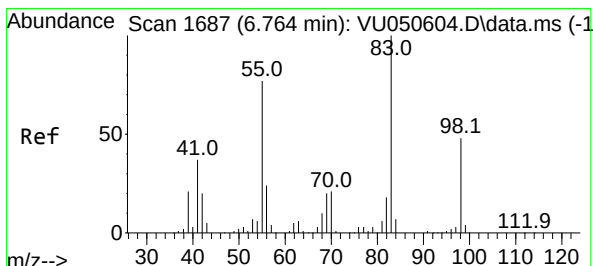
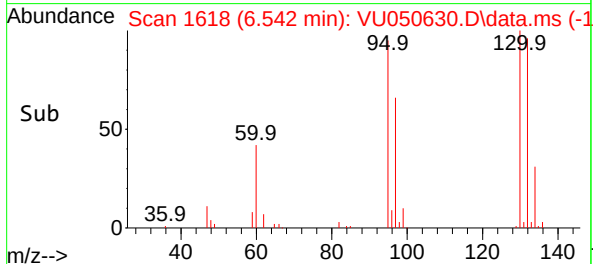
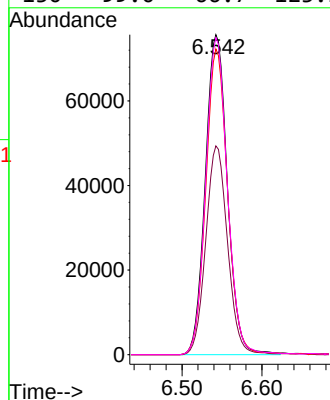
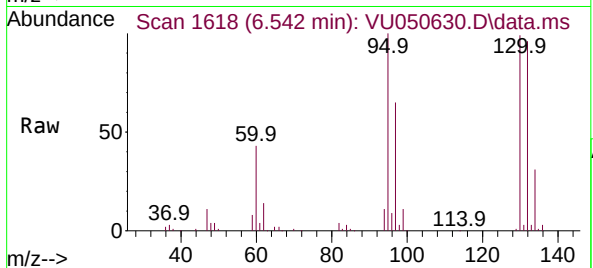


#34
Trichloroethene
Concen: 45.847 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

Tgt Ion: 95 Resp: 145397

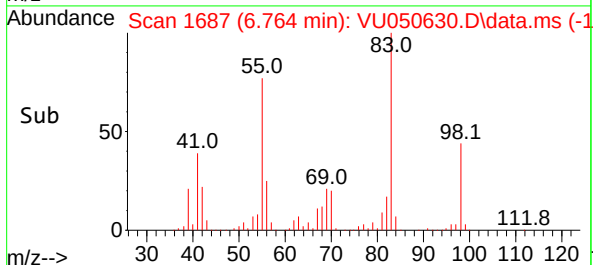
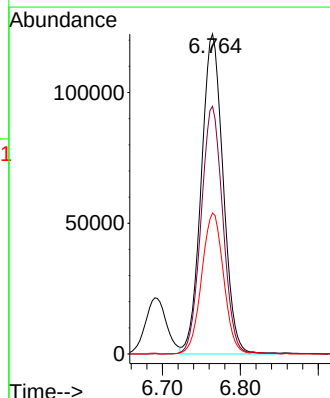
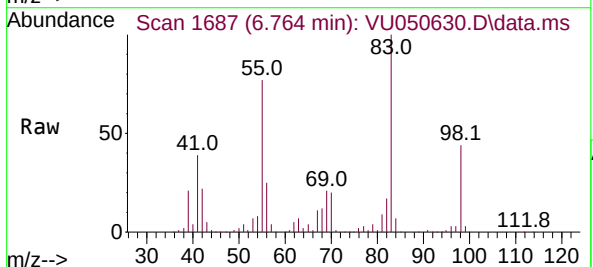
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.4	84.2
132	95.5	65.2	121.2
130	99.0	66.7	123.9

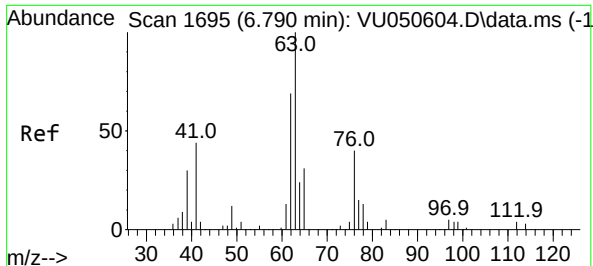


#35
Methylcyclohexane
Concen: 47.375 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion: 83 Resp: 238857

Ion	Ratio	Lower	Upper
83	100		
55	76.9	62.6	93.8
98	44.2	35.5	53.3





#37

1,2-Dichloropropane

Concen: 48.769 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050630.D

Acq: 06 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

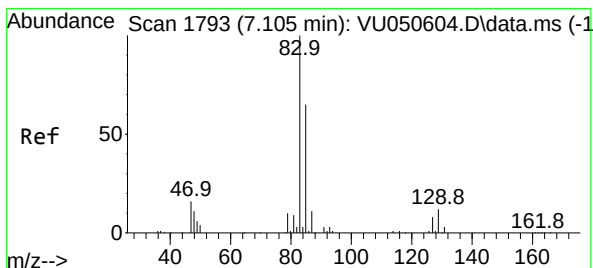
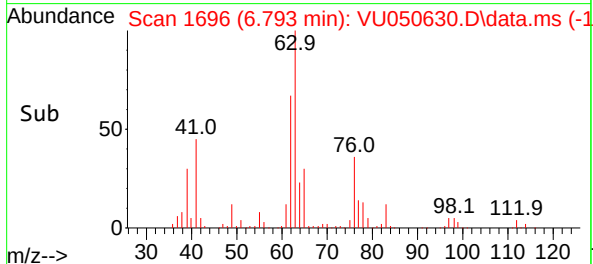
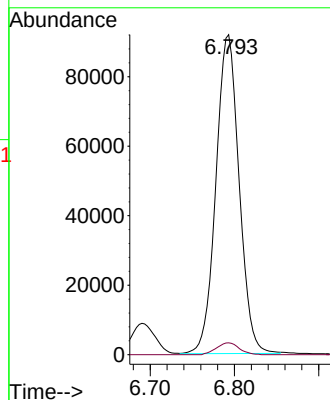
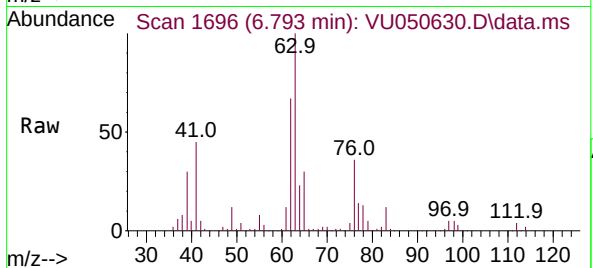
VSTD050190

Tgt Ion: 63 Resp: 175329

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 49.784 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050630.D

Acq: 06 Sep 2022 12:42

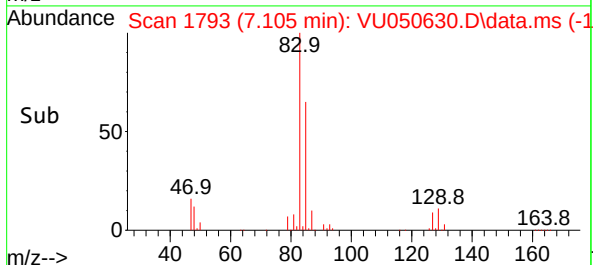
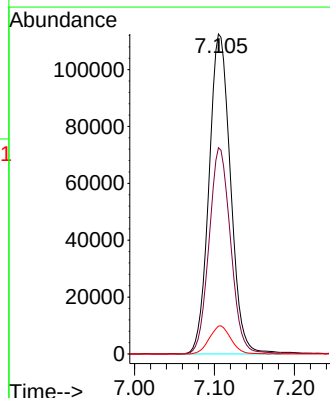
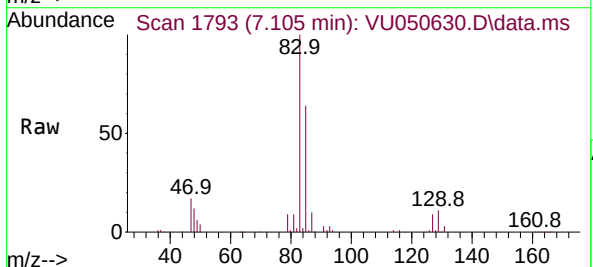
Tgt Ion: 83 Resp: 210537

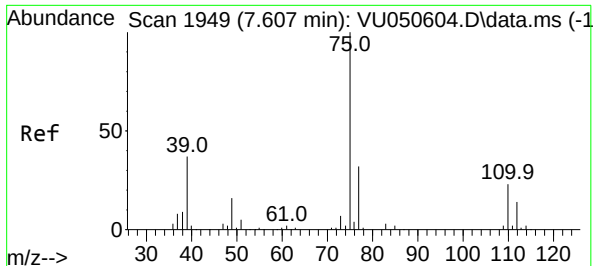
Ion Ratio Lower Upper

83 100

85 64.5 44.9 83.5

127 8.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 48.822 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050630.D

Acq: 06 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

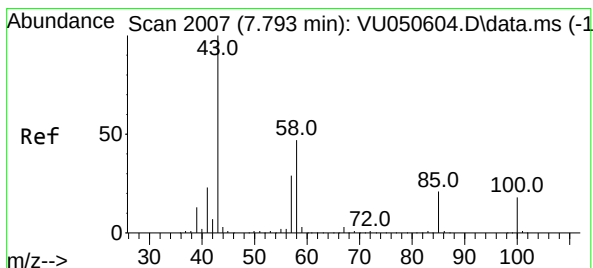
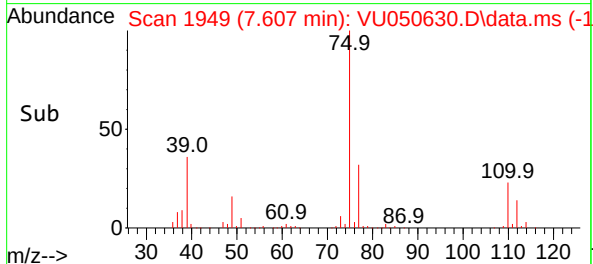
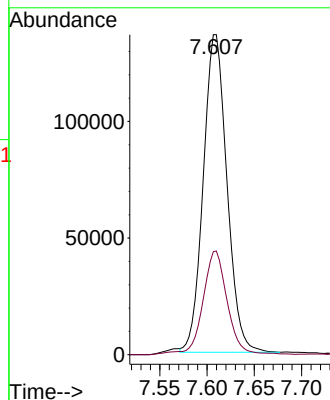
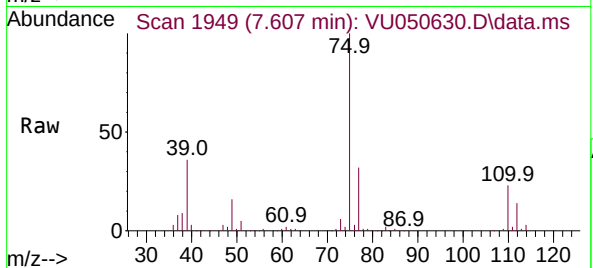
VSTD050190

Tgt Ion: 75 Resp: 237581

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 101.767 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU050630.D

Acq: 06 Sep 2022 12:42

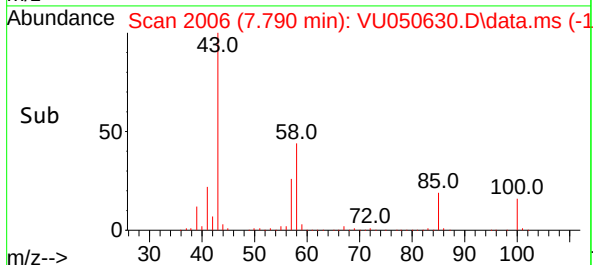
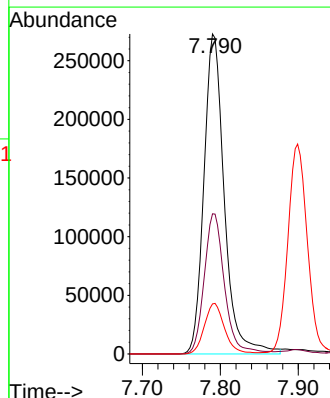
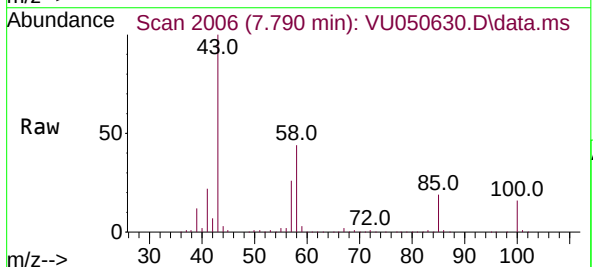
Tgt Ion: 43 Resp: 498572

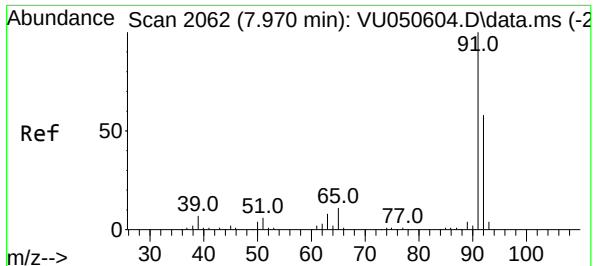
Ion Ratio Lower Upper

43 100

58 43.7 35.1 52.7

100 15.7 12.9 19.3

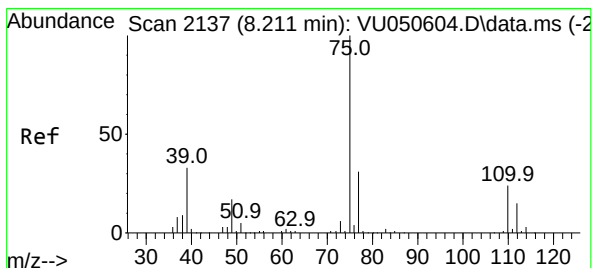
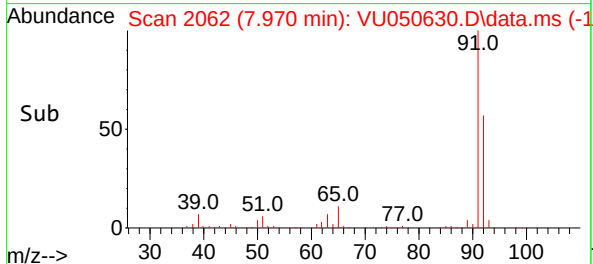
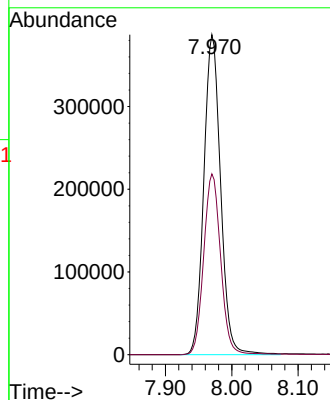
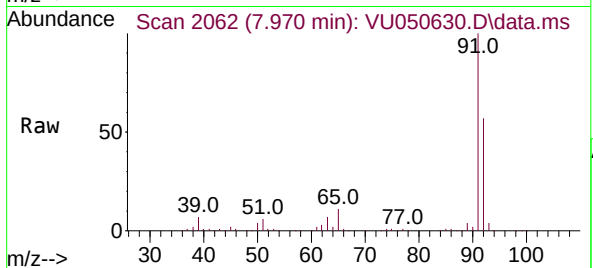




#42
Toluene
Concen: 49.099 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

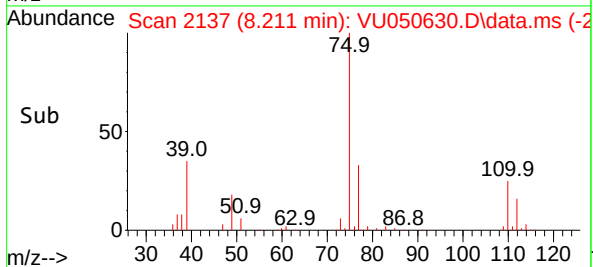
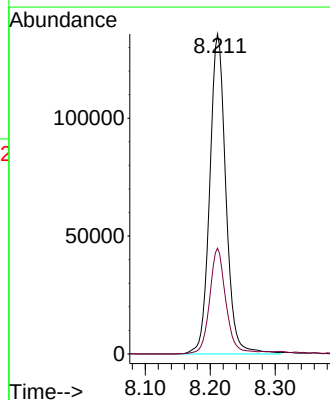
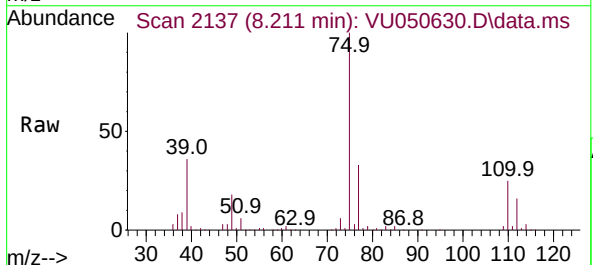
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

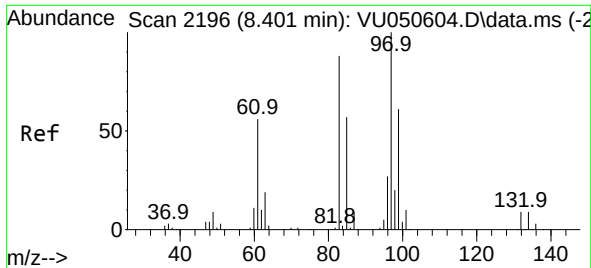
Tgt Ion: 91 Resp: 678806
Ion Ratio Lower Upper
91 100
92 56.5 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 51.454 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion: 75 Resp: 234925
Ion Ratio Lower Upper
75 100
77 33.0 22.1 41.1

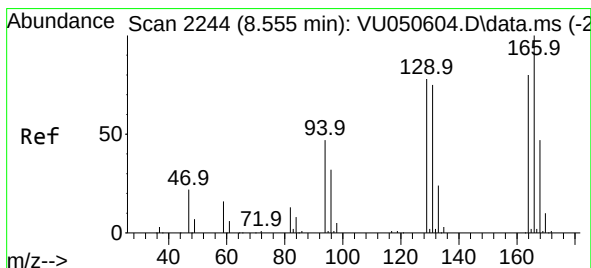
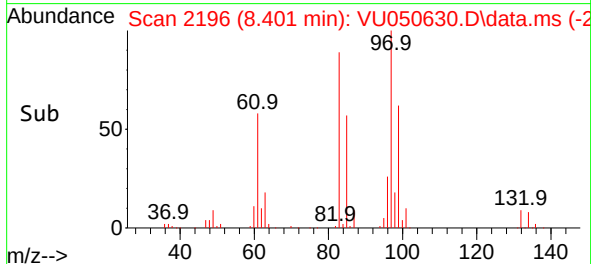
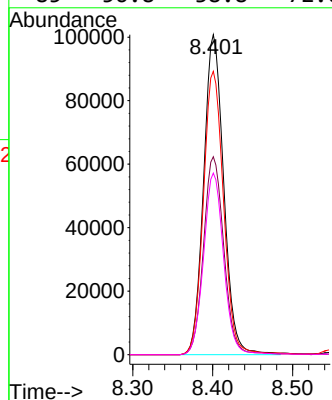
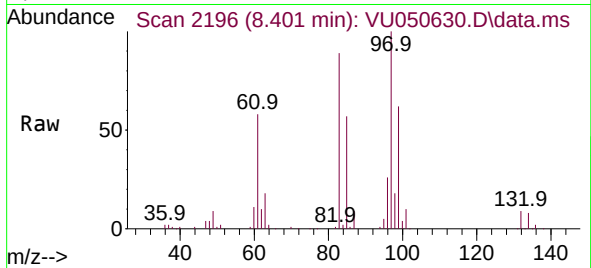




#45
1,1,2-Trichloroethane
Concen: 51.057 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

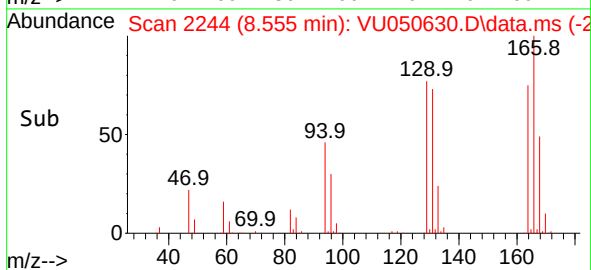
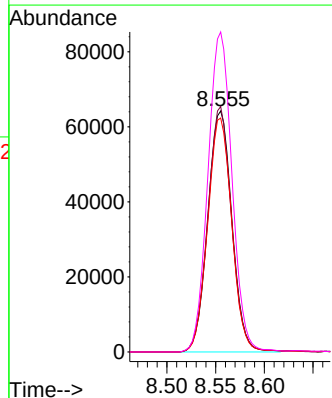
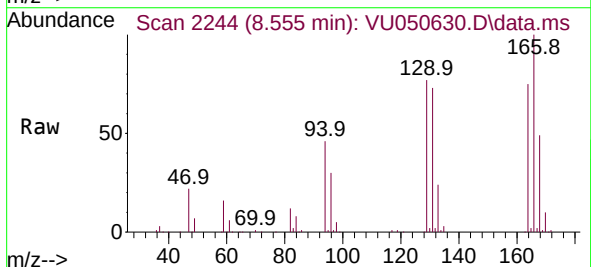
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

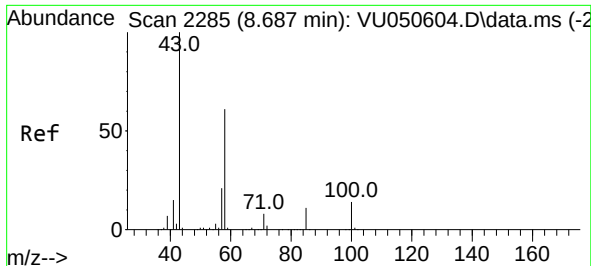
Tgt Ion:	97	Resp:	176327
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.5	80.9
83	88.5	61.6	114.4
85	56.8	38.8	72.0



#46
Tetrachloroethene
Concen: 47.880 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion:	164	Resp:	110905
Ion	Ratio	Lower	Upper
164	100		
129	101.9	68.7	127.5
131	97.1	66.2	123.0
166	132.8	87.7	162.9

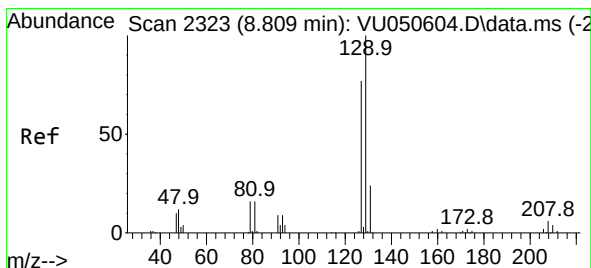
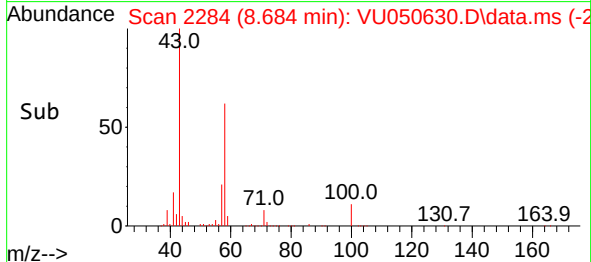
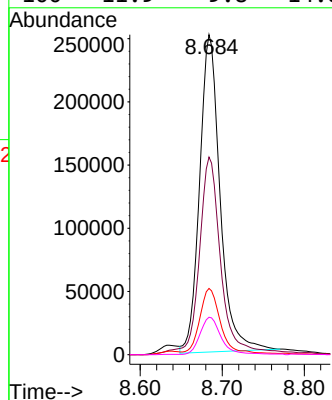
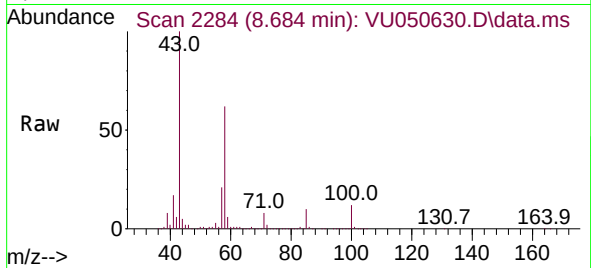




#48
2-Hexanone
Concen: 95.073 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

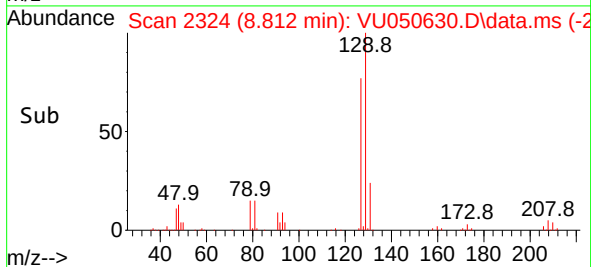
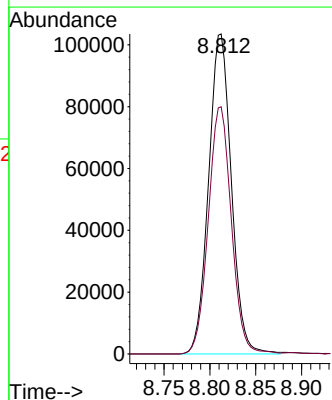
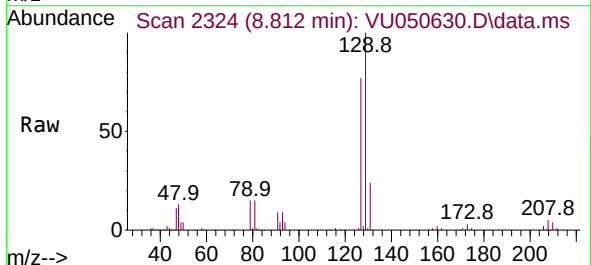
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

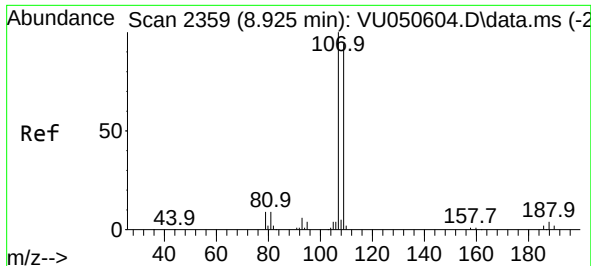
Tgt Ion: 43 Resp: 434691
Ion Ratio Lower Upper
43 100
58 66.6 51.8 77.6
57 19.2 17.0 25.4
100 11.9 9.8 14.8



#49
Dibromochloromethane
Concen: 54.254 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion: 129 Resp: 178713
Ion Ratio Lower Upper
129 100
127 77.3 53.8 100.0

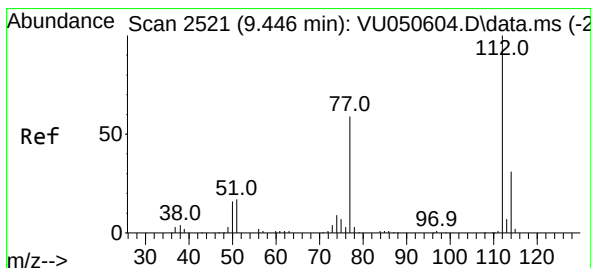
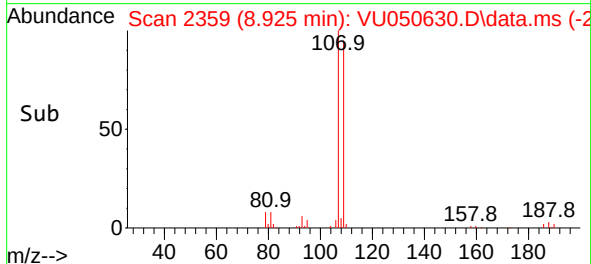
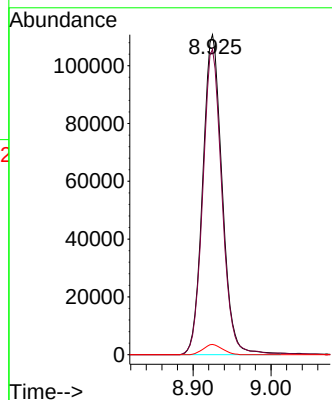
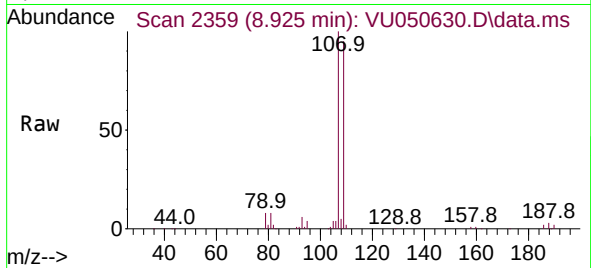




#50
1,2-Dibromoethane
Concen: 54.435 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

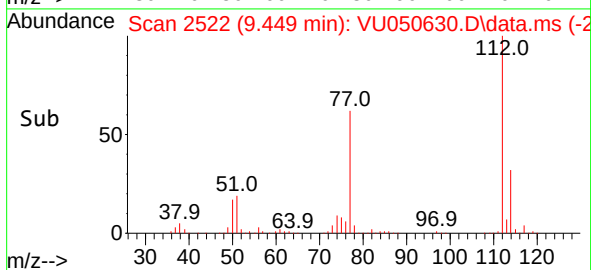
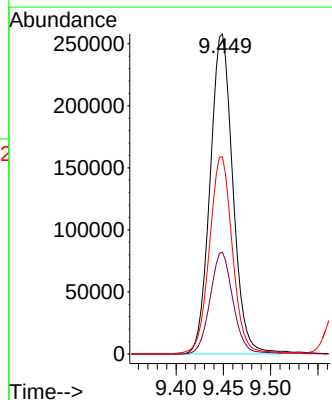
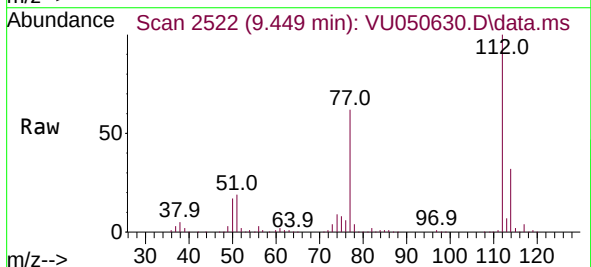
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

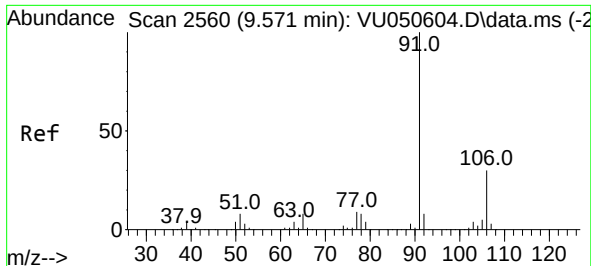
Tgt Ion:107 Resp: 191186
Ion Ratio Lower Upper
107 100
109 95.4 67.5 125.4
188 3.3 2.5 3.7



#51
Chlorobenzene
Concen: 50.320 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion:112 Resp: 431768
Ion Ratio Lower Upper
112 100
114 31.8 22.1 41.1
77 61.6 49.2 73.8

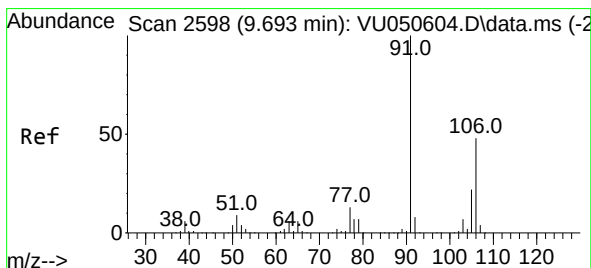
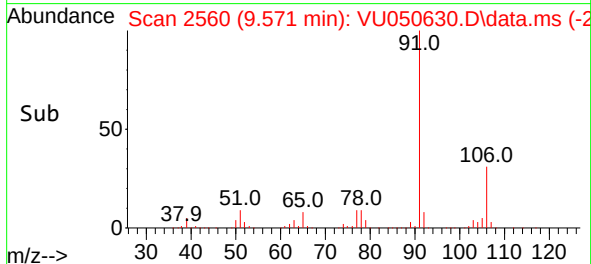
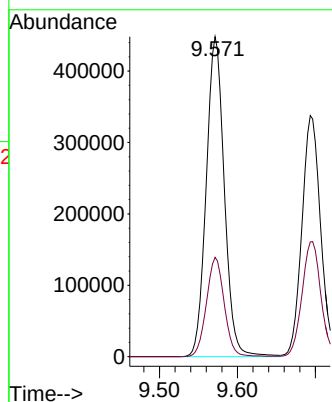
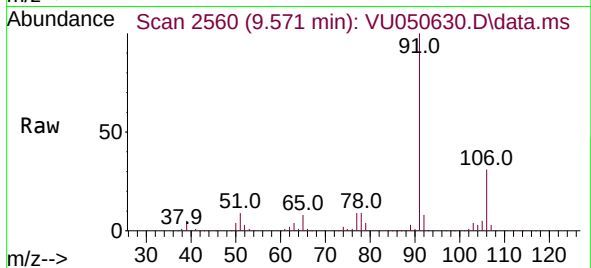




#52
Ethylbenzene
Concen: 52.835 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

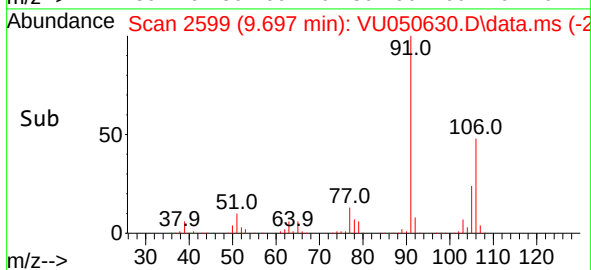
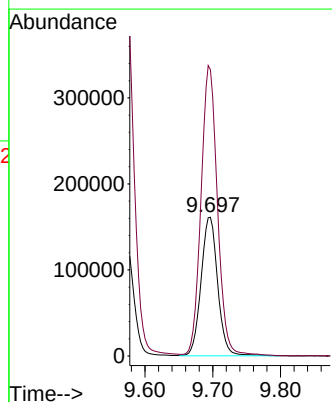
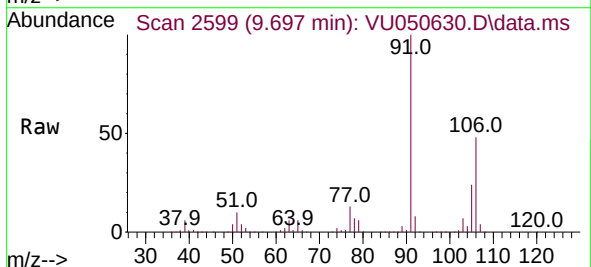
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

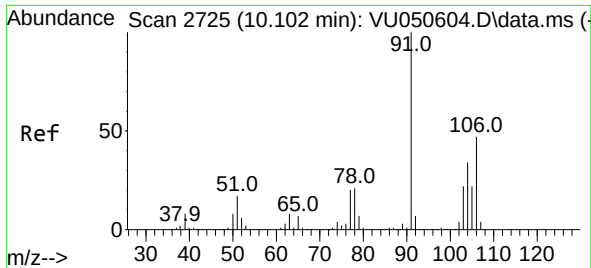
Tgt Ion: 91 Resp: 721613
Ion Ratio Lower Upper
91 100
106 31.0 21.2 39.4



#53
m,p-Xylene
Concen: 52.417 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion: 106 Resp: 274278
Ion Ratio Lower Upper
106 100
91 206.4 147.1 273.3

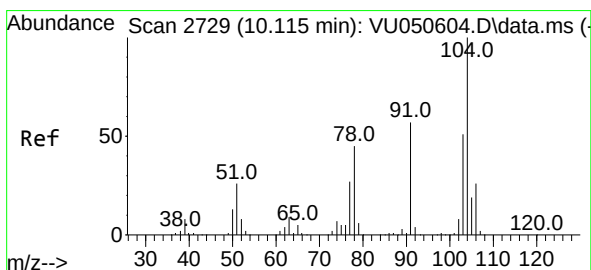
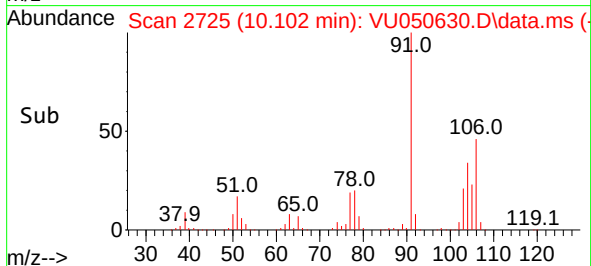
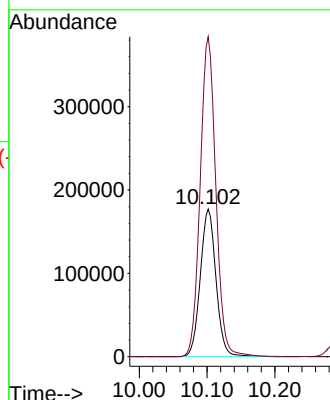
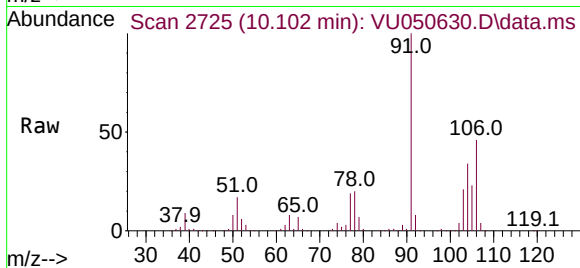




#54
o-Xylene
Concen: 54.560 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

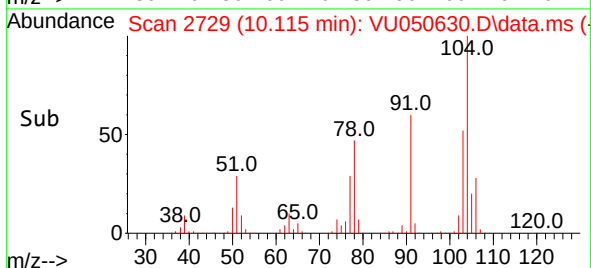
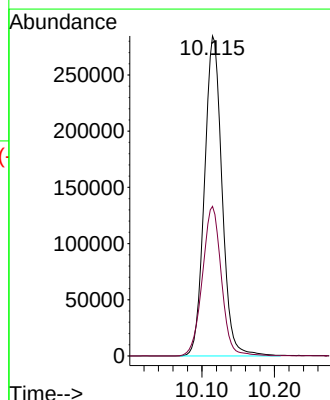
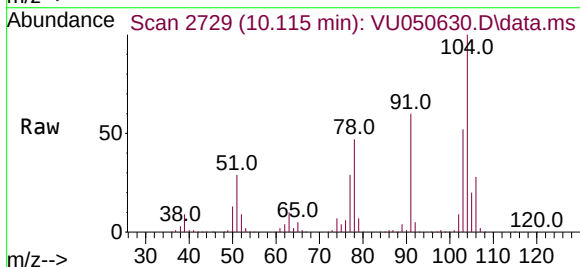
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

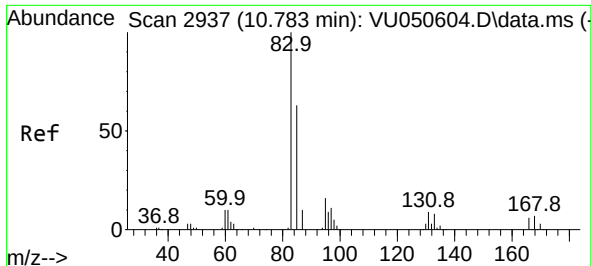
Tgt Ion:106 Resp: 284226
Ion Ratio Lower Upper
106 100
91 216.7 153.4 284.8



#55
Styrene
Concen: 56.032 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion:104 Resp: 480274
Ion Ratio Lower Upper
104 100
78 46.8 32.8 60.8

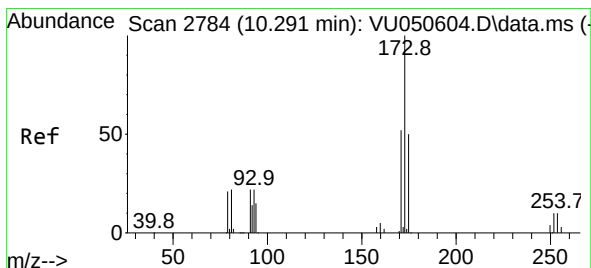
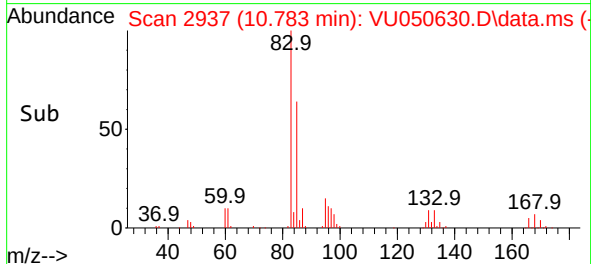
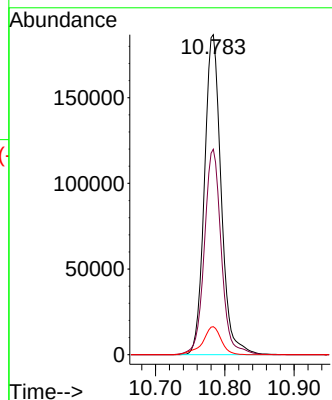
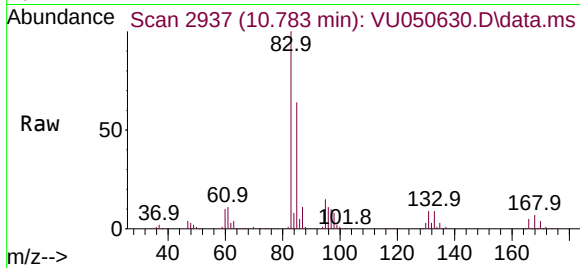




#57
1,1,2,2-Tetrachloroethane
Concen: 50.814 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

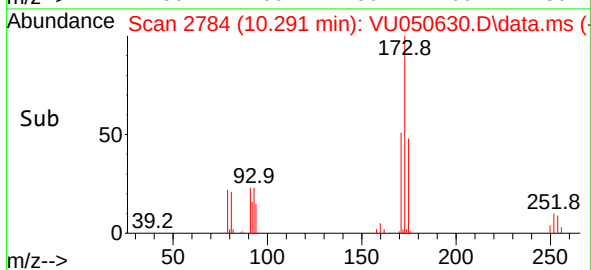
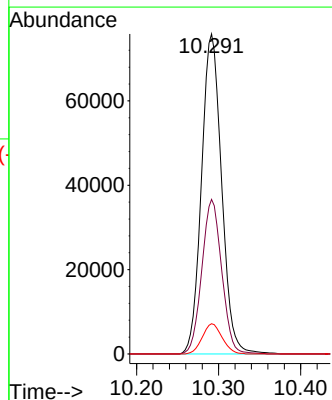
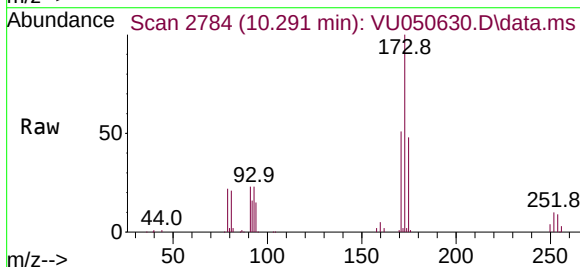
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

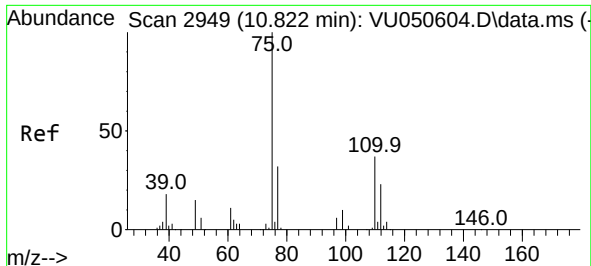
Tgt Ion: 83 Resp: 312587
Ion Ratio Lower Upper
83 100
85 64.2 45.5 84.5
131 8.8 7.7 11.5



#59
Bromoform
Concen: 53.683 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion: 173 Resp: 129095
Ion Ratio Lower Upper
173 100
175 47.7 40.0 60.0
254 9.3 7.4 11.0

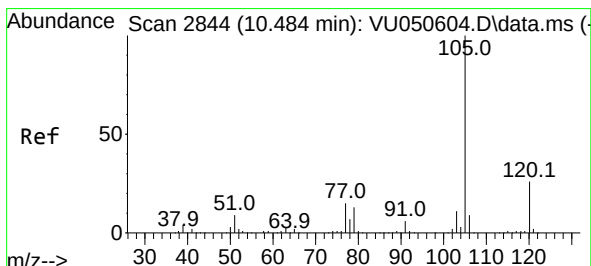
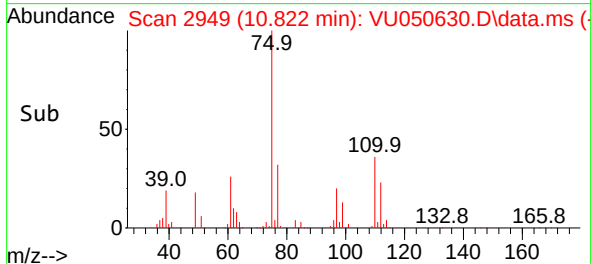
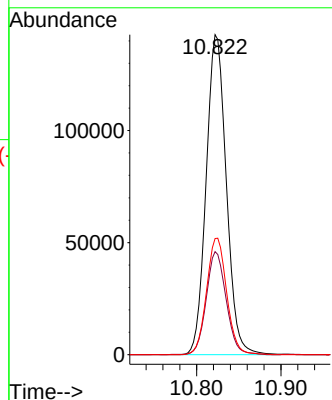
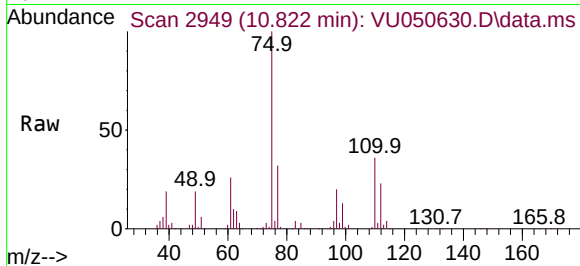




#60
1,2,3-Trichloropropane
Concen: 50.363 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

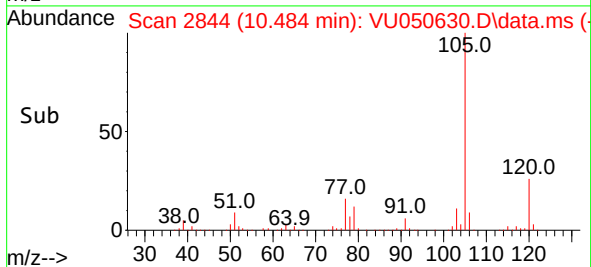
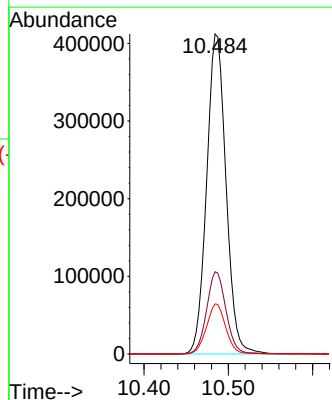
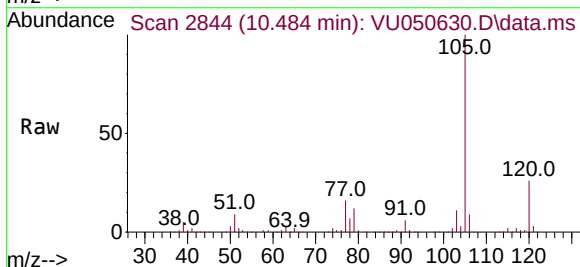
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

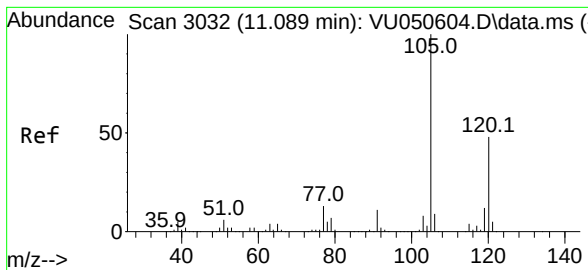
Tgt Ion: 75 Resp: 238172
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8
110 36.3 29.3 43.9



#61
Isopropylbenzene
Concen: 51.637 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion: 105 Resp: 658787
Ion Ratio Lower Upper
105 100
120 25.7 20.4 30.6
77 15.6 12.8 19.2

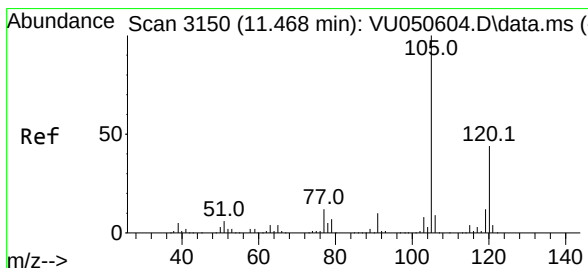
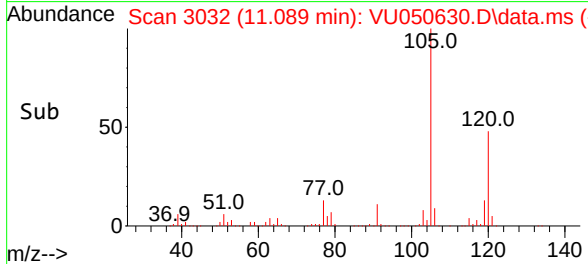
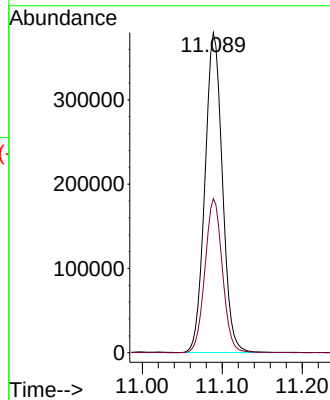
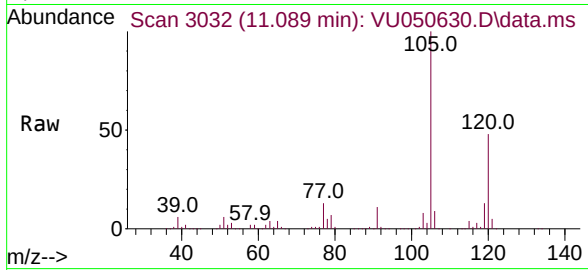




#62
 1,3,5-Trimethylbenzene
 Concen: 52.965 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU050630.D
 Acq: 06 Sep 2022 12:42

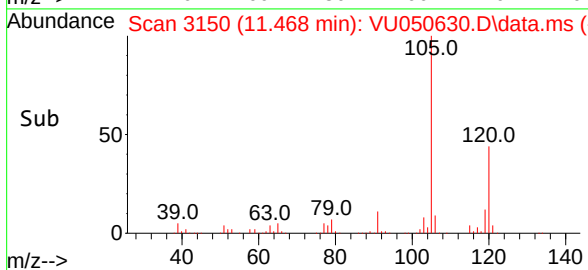
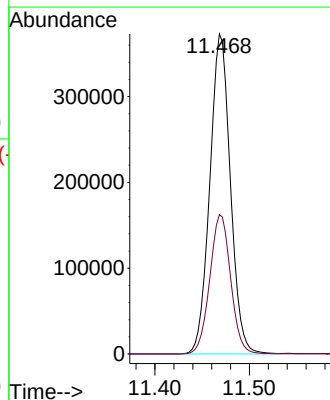
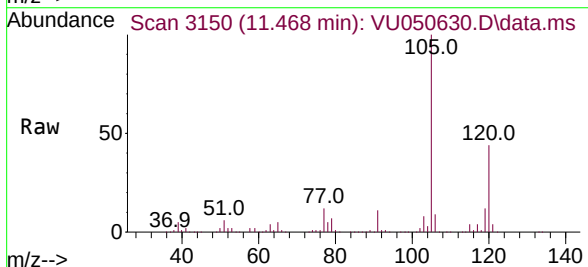
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050190

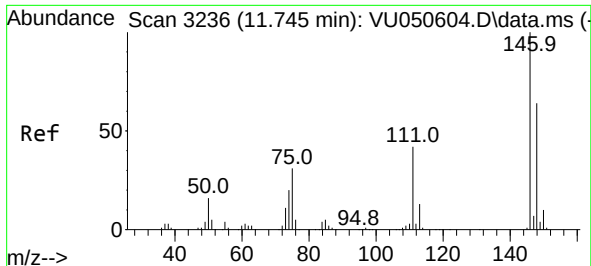
Tgt Ion:105 Resp: 577693
 Ion Ratio Lower Upper
 105 100
 120 48.1 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 53.898 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU050630.D
 Acq: 06 Sep 2022 12:42

Tgt Ion:105 Resp: 564522
 Ion Ratio Lower Upper
 105 100
 120 44.1 35.3 52.9

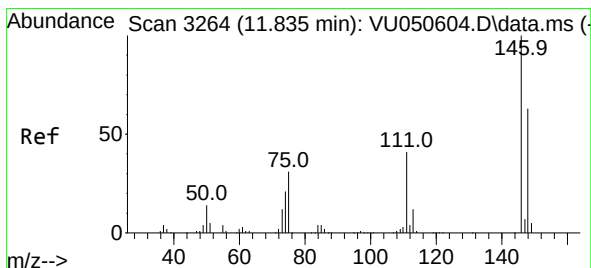
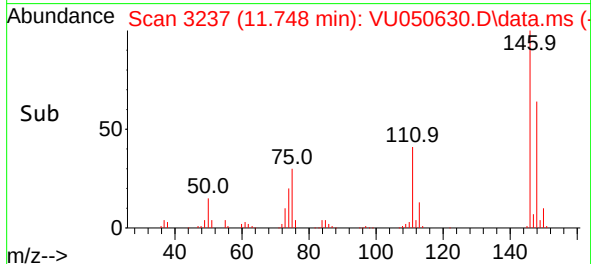
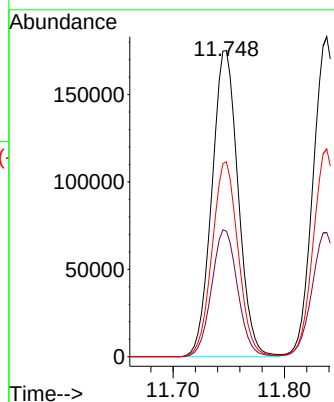
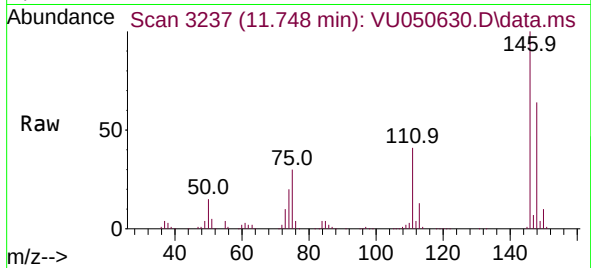




#64
1,3-Dichlorobenzene
Concen: 51.257 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

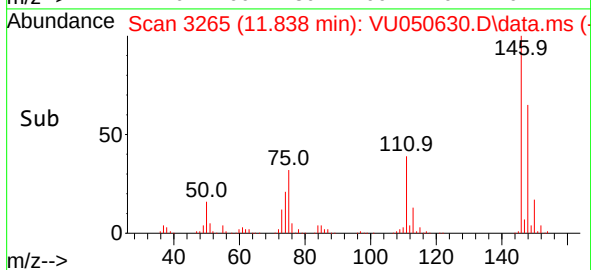
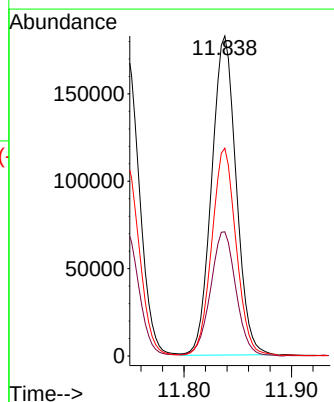
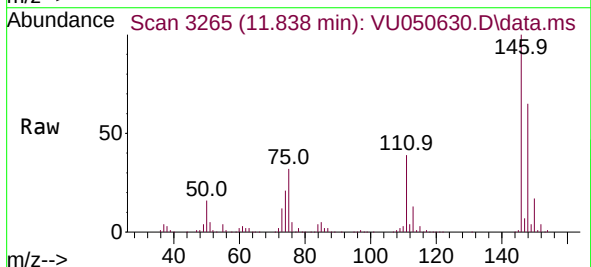
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

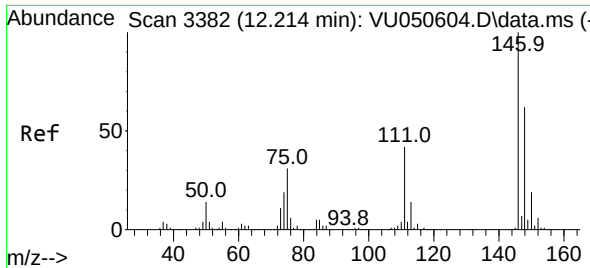
Tgt Ion:146 Resp: 287738
Ion Ratio Lower Upper
146 100
111 41.0 29.9 55.5
148 63.7 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 52.207 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion:146 Resp: 289686
Ion Ratio Lower Upper
146 100
111 38.8 27.9 51.7
148 65.0 44.4 82.4

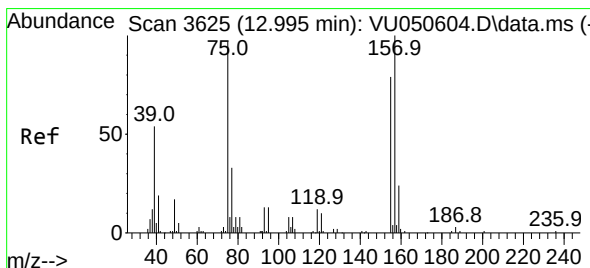
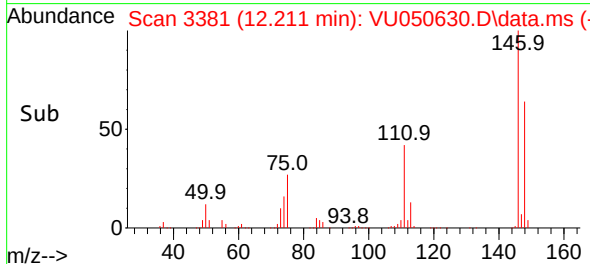
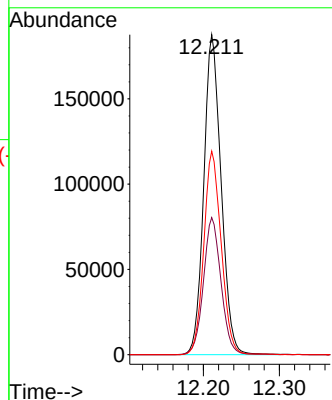
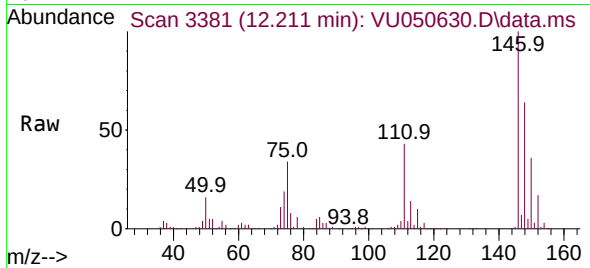




#67
1,2-Dichlorobenzene
Concen: 49.760 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

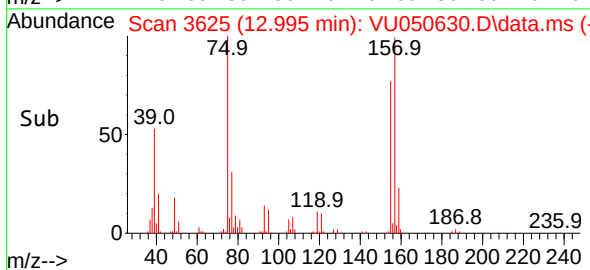
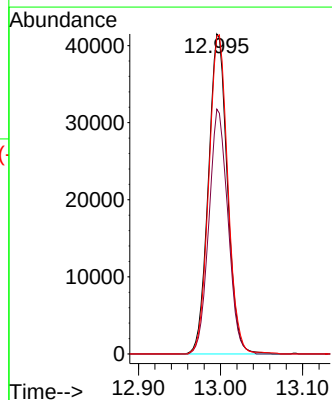
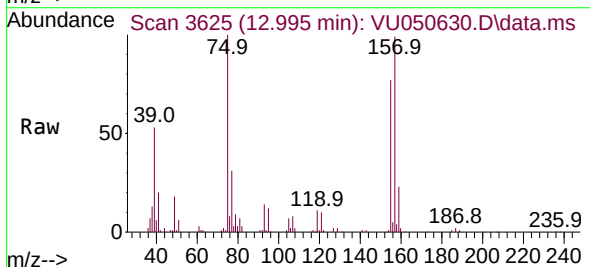
Instrument :
MSVOA_U
ClientSampleId :
VSTD050190

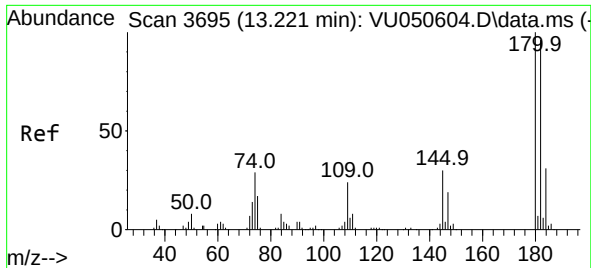
Tgt Ion:146 Resp: 297504
Ion Ratio Lower Upper
146 100
111 42.8 35.1 52.7
148 63.6 51.8 77.6



#68
1,2-Dibromo-3-chloropropane
Concen: 53.593 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU050630.D
Acq: 06 Sep 2022 12:42

Tgt Ion: 75 Resp: 66930
Ion Ratio Lower Upper
75 100
155 76.5 67.8 101.6
157 103.8 82.6 124.0

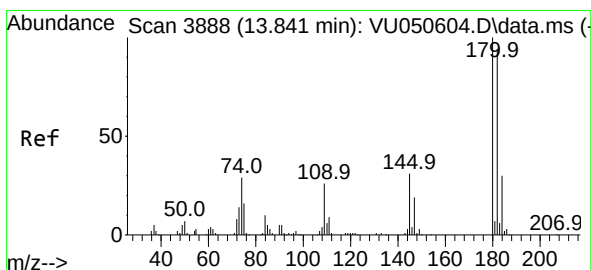
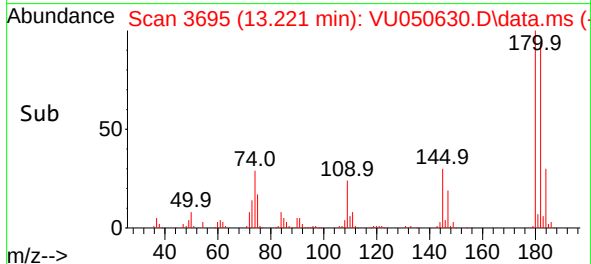
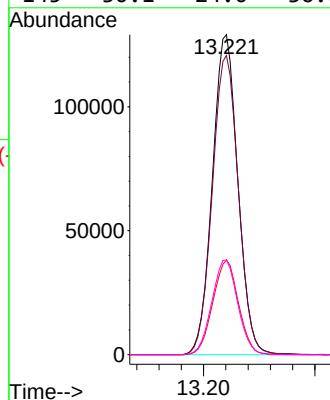
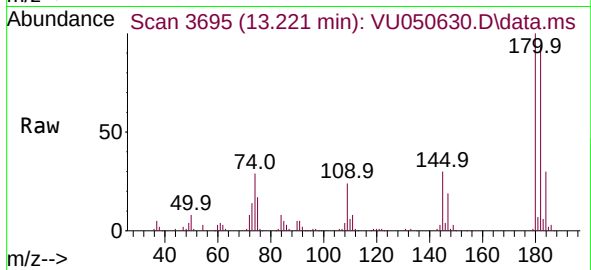




#69
 1,3,5-Trichlorobenzene
 Concen: 50.261 ug/L
 RT: 13.221 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VU050630.D
 Acq: 06 Sep 2022 12:42

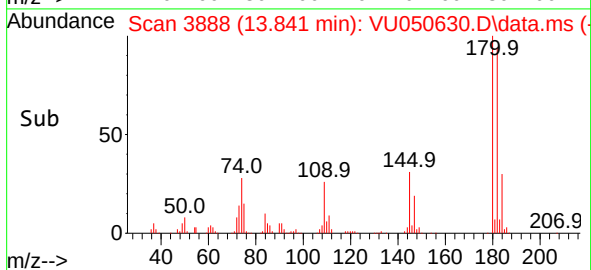
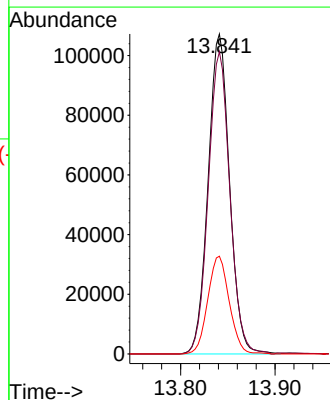
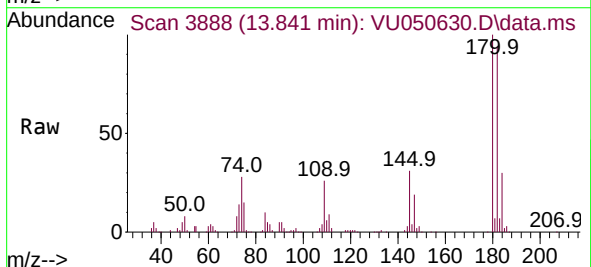
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050190

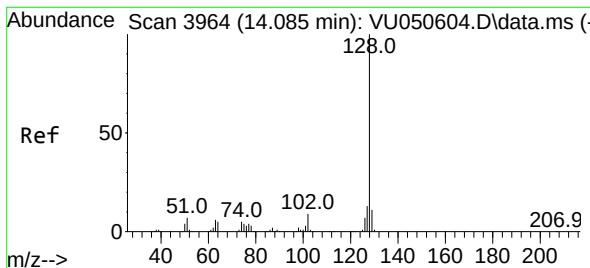
Tgt Ion:180 Resp: 204759
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.3 112.9
 184 29.7 23.8 35.8
 145 30.1 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 48.866 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU050630.D
 Acq: 06 Sep 2022 12:42

Tgt Ion:180 Resp: 169039
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.2 114.2
 145 30.6 24.7 37.1





#71

Naphthalene

Concen: 41.639 ug/L

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU050630.D

Acq: 06 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTD050190

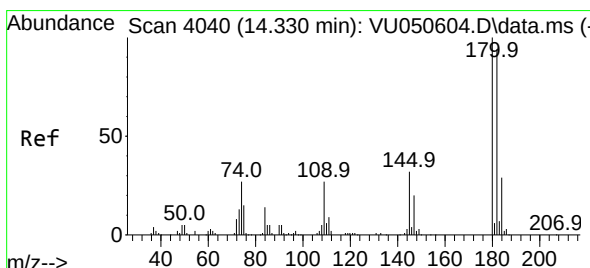
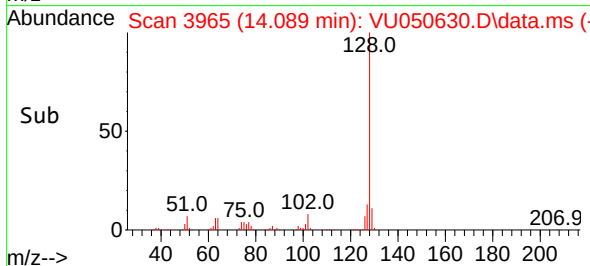
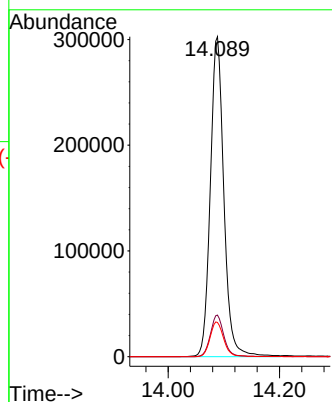
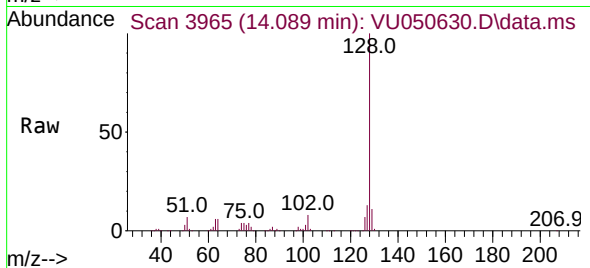
Tgt Ion:128 Resp: 510693

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.0 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 45.598 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU050630.D

Acq: 06 Sep 2022 12:42

Tgt Ion:180 Resp: 170814

Ion Ratio Lower Upper

180 100

182 96.2 76.1 114.1

145 33.0 26.4 39.6

