

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U041422\
 Data File : U048070.D
 Acq On : 14 Apr 2022 19:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050082

Quant Time: Apr 15 02:29:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	332485	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	348706	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	210222	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	101365	42.042	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.080%		
7) Chloroethane-d5	1.912	69	94023	49.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.920%		
11) 1,1-Dichloroethene-d2	2.572	63	190583	43.204	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.400%		
21) 2-Butanone-d5	4.620	46	202175	97.694	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.690%		
24) Chloroform-d	5.067	84	222589	50.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.920%		
26) 1,2-Dichloroethane-d4	5.703	65	136826	50.569	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.140%		
32) Benzene-d6	5.729	84	429297	48.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.860%		
36) 1,2-Dichloropropane-d6	6.690	67	139292	51.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.380%		
41) Toluene-d8	7.899	98	404686	47.338	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.680%		
43) trans-1,3-Dichloroprop...	8.179	79	60988	44.674	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.340%		
47) 2-Hexanone-d5	8.632	63	152084	96.409	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.410%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	234712	50.753	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.500%		
66) 1,2-Dichlorobenzene-d4	12.195	152	177485	47.455	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.920%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	141797	46.001	ug/L	100
3) Chloromethane	1.527	50	148788	50.473	ug/L	100
5) Vinyl chloride	1.604	62	156052	51.905	ug/L	99
6) Bromomethane	1.858	94	74650	46.132	ug/L	99
8) Chloroethane	1.935	64	95971	50.850	ug/L	98
9) Trichlorofluoromethane	2.141	101	192008	45.290	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	119052	48.580	ug/L	98
12) 1,1-Dichloroethene	2.581	96	111809	49.024	ug/L	89
13) Acetone	2.623	43	139580	72.478	ug/L	97
14) Carbon disulfide	2.797	76	309660	42.954	ug/L	99
15) Methyl Acetate	2.948	43	152529	49.669	ug/L	98
16) Methylene chloride	3.047	84	142051	54.277	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	121844	49.531	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	367375	52.935	ug/L	99
19) 1,1-Dichloroethane	3.874	63	232155	54.720	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	140434	52.073	ug/L	98
22) 2-Butanone	4.700	43	216987	87.466	ug/L	96
23) Bromochloromethane	4.977	128	78707	53.155	ug/L	96
25) Chloroform	5.089	83	245596	53.768	ug/L	100

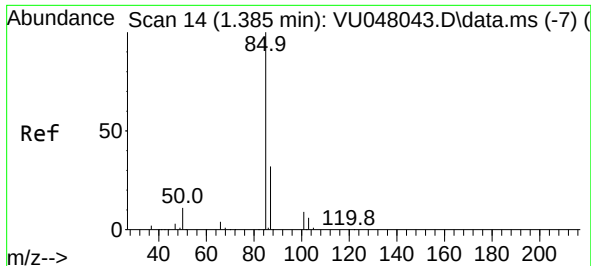
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	186467	52.839	ug/L	98
29) Cyclohexane	5.391	56	172222	48.672	ug/L	96
30) 1,1,1-Trichloroethane	5.317	97	201715	51.016	ug/L	99
31) Carbon tetrachloride	5.526	117	171756	48.105	ug/L	100
33) Benzene	5.777	78	535967	53.101	ug/L	100
34) Trichloroethene	6.543	95	134178	50.706	ug/L	98
35) Methylcyclohexane	6.764	83	184264	45.772	ug/L	98
37) 1,2-Dichloropropane	6.793	63	142419	55.505	ug/L	100
38) Bromodichloromethane	7.105	83	185060	52.521	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	196065	49.246	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	408576	100.749	ug/L	98
42) Toluene	7.970	91	578880	52.270	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	193927	48.785	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	146499	53.834	ug/L	98
46) Tetrachloroethene	8.555	164	113979	47.931	ug/L	99
48) 2-Hexanone	8.684	43	334134	95.785	ug/L	99
49) Dibromochloromethane	8.809	129	157689	50.030	ug/L	98
50) 1,2-Dibromoethane	8.925	107	155814	51.073	ug/L	99
51) Chlorobenzene	9.446	112	382838	50.911	ug/L	98
52) Ethylbenzene	9.571	91	587362	50.440	ug/L	98
53) m,p-Xylene	9.694	106	231317	50.625	ug/L	96
54) o-Xylene	10.102	106	230930	51.495	ug/L	98
55) Styrene	10.115	104	399726	52.207	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	261570	51.271	ug/L	98
59) Bromoform	10.292	173	130547	48.564	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	199913	50.444	ug/L	99
61) Isopropylbenzene	10.484	105	579357	50.993	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	293506	47.613	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	418489	44.693	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	287039	45.454	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	308512	47.166	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	312147	49.401	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	58509	46.090	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	231051	45.051	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	201760	44.913	ug/L	99
71) Naphthalene	14.089	128	607085	45.328	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	216623	48.103	ug/L	99

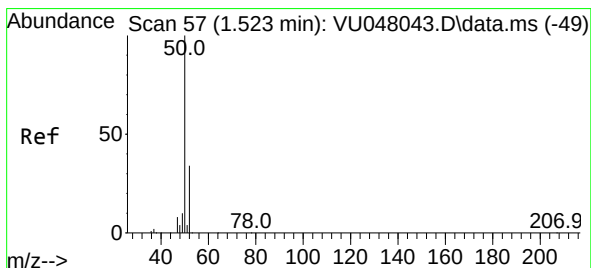
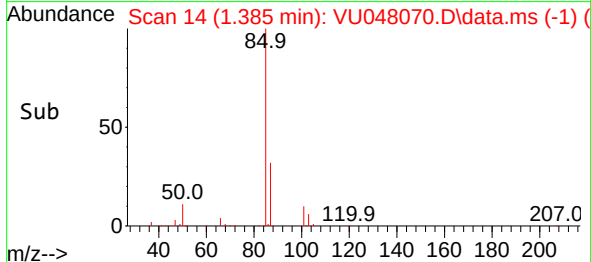
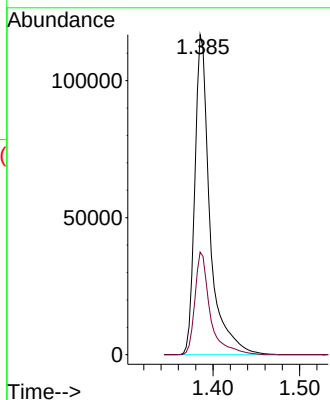
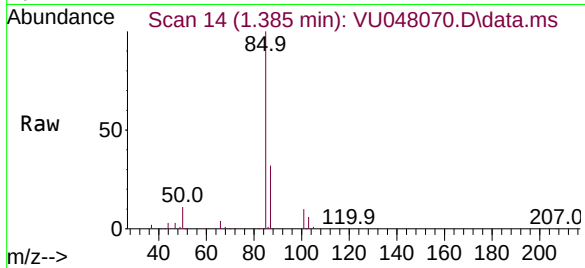
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#2
Dichlorodifluoromethane
Concen: 46.001 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

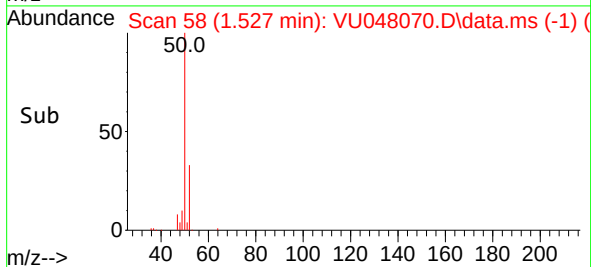
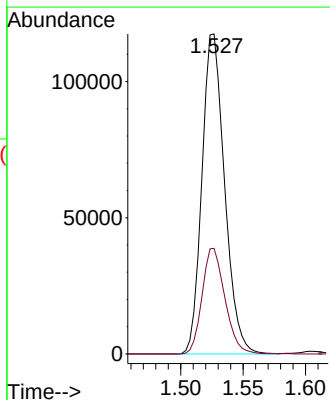
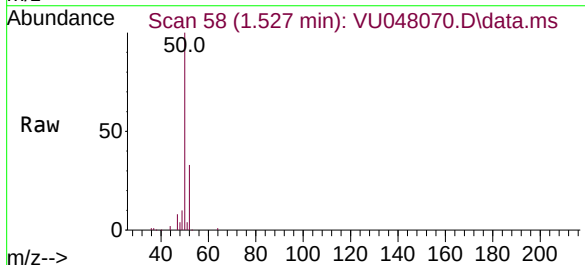
Instrument :
MSVOA_U
ClientSampleId :
VSTD050082

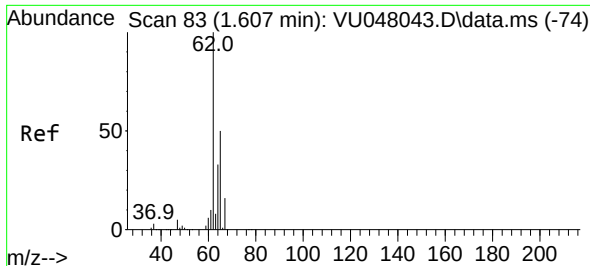
Tgt Ion: 85 Resp: 141797
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.8



#3
Chloromethane
Concen: 50.473 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion: 50 Resp: 148788
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2

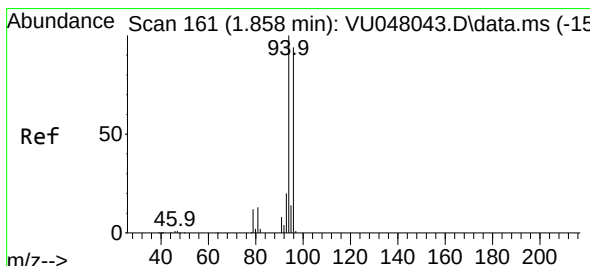
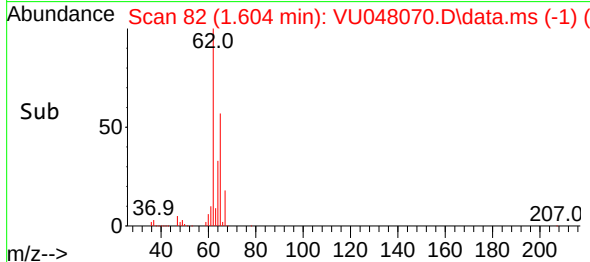
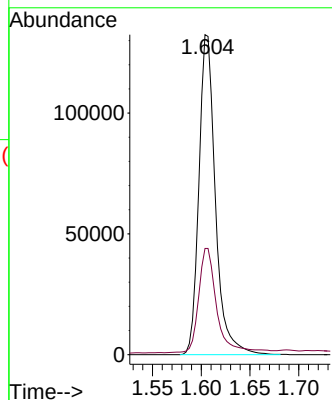
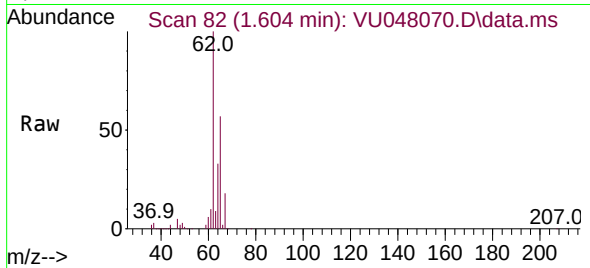




#5
 Vinyl chloride
 Concen: 51.905 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048070.D
 Acq: 14 Apr 2022 19:50

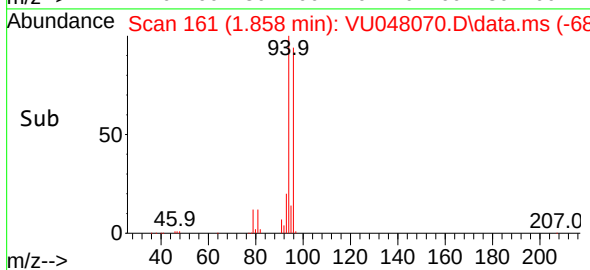
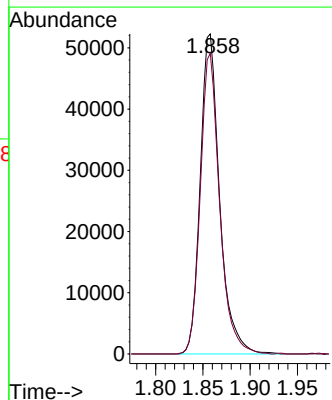
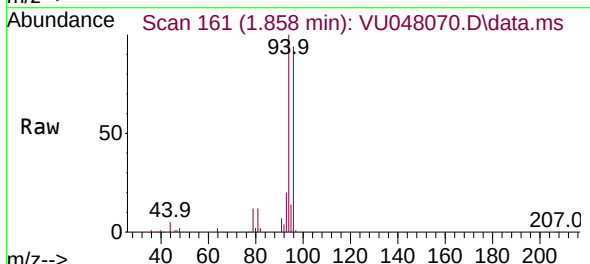
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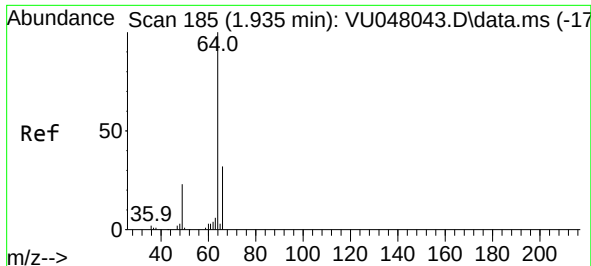
Tgt Ion: 62 Resp: 156052
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.7 43.9



#6
 Bromomethane
 Concen: 46.132 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU048070.D
 Acq: 14 Apr 2022 19:50

Tgt Ion: 94 Resp: 74650
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.8 120.3

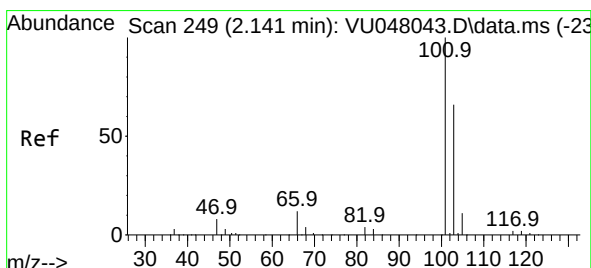
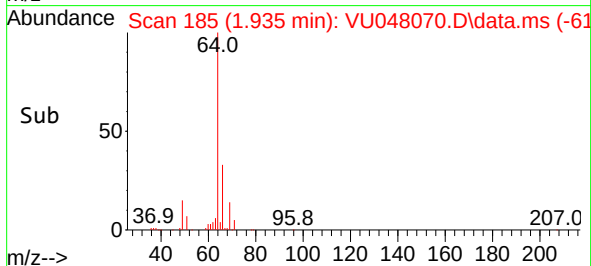
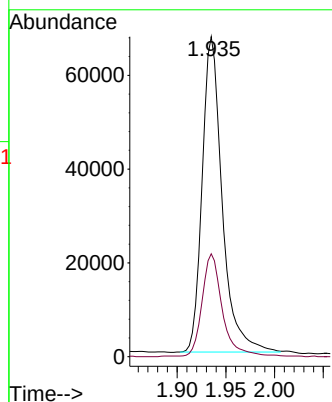
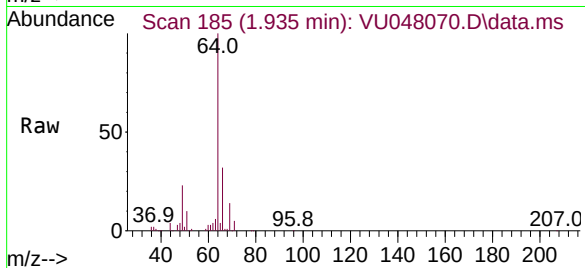




#8
Chloroethane
Concen: 50.850 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

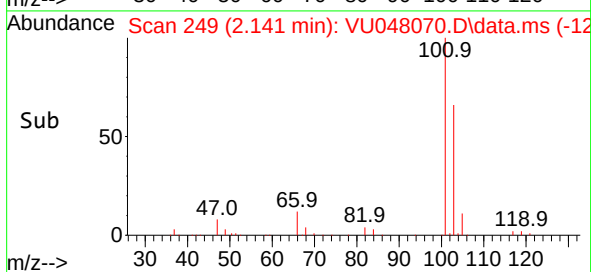
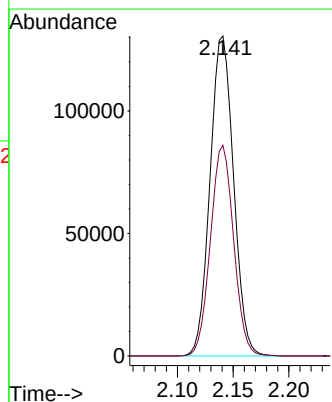
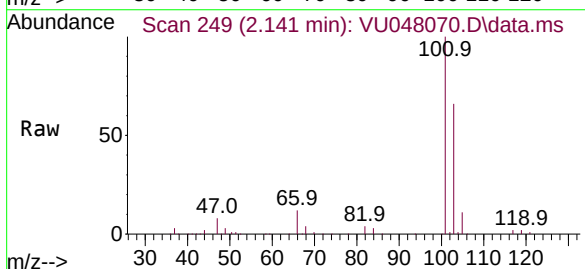
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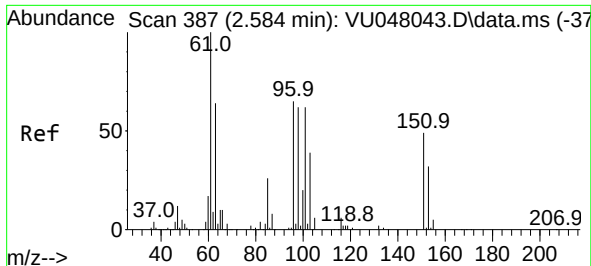
Tgt Ion: 64 Resp: 95971
Ion Ratio Lower Upper
64 100
66 32.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 45.290 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion: 101 Resp: 192008
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

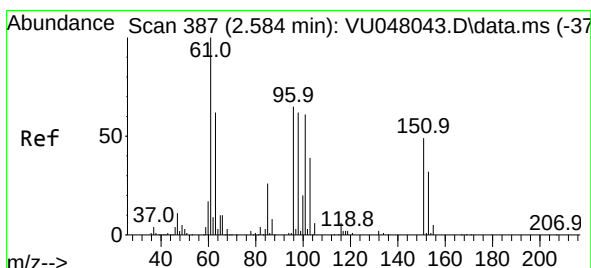
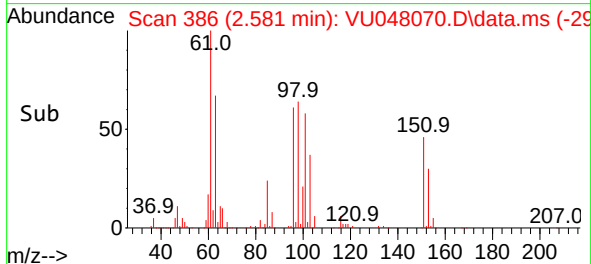
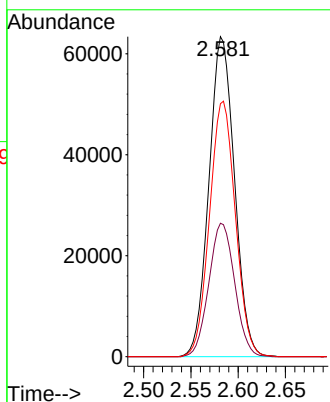
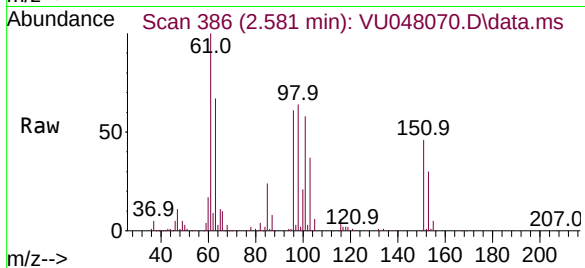




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.580 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

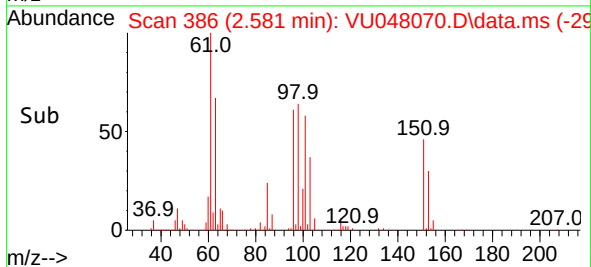
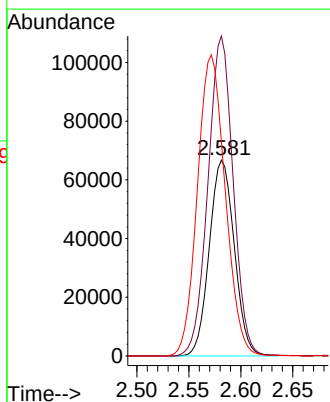
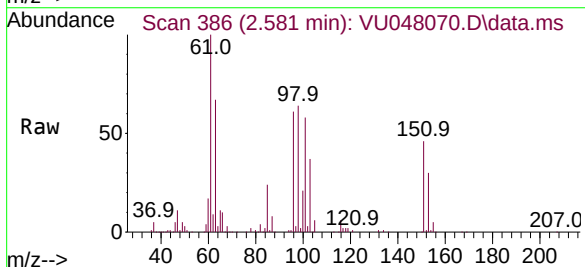
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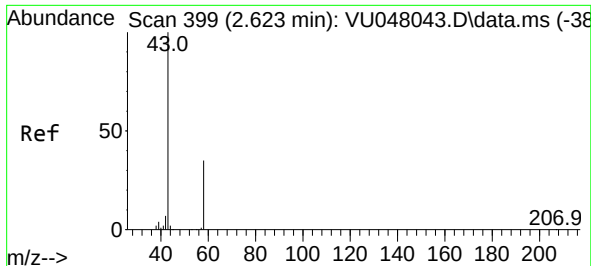
Tgt Ion:101 Resp: 119052
Ion Ratio Lower Upper
101 100
85 42.2 32.8 49.2
151 81.0 63.0 94.6



#12
1,1-Dichloroethene
Concen: 49.024 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion: 96 Resp: 111809
Ion Ratio Lower Upper
96 100
61 163.5 113.1 210.1
63 109.3 94.8 176.0





#13

Acetone

Concen: 72.478 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

Instrument :

MSVOA_U

ClientSampleId :

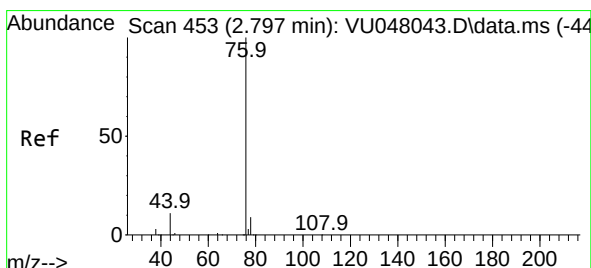
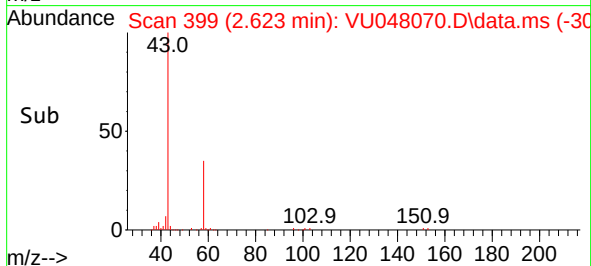
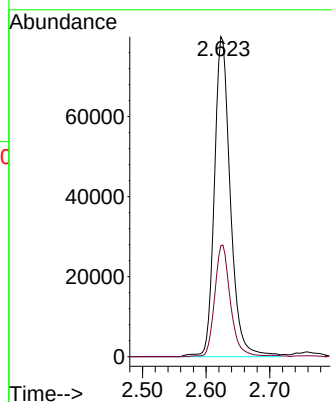
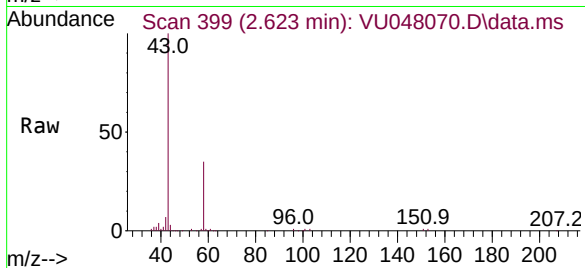
VSTD050082

Tgt Ion: 43 Resp: 139580

Ion Ratio Lower Upper

43 100

58 33.4 0.0 70.0



#14

Carbon disulfide

Concen: 42.954 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU048070.D

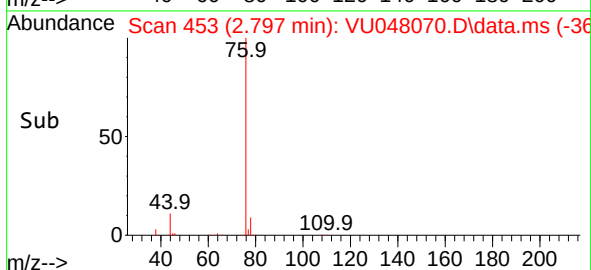
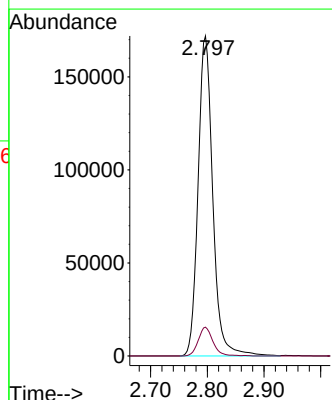
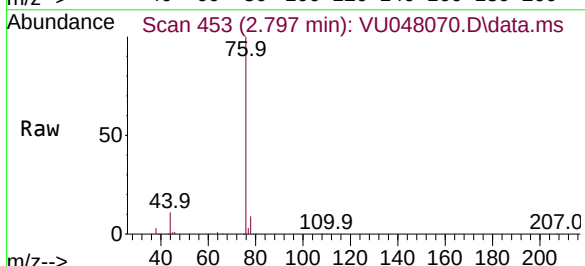
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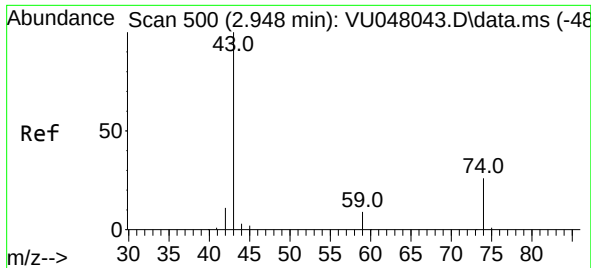
Tgt Ion: 76 Resp: 309660

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

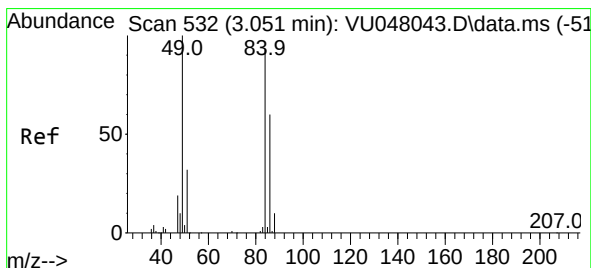
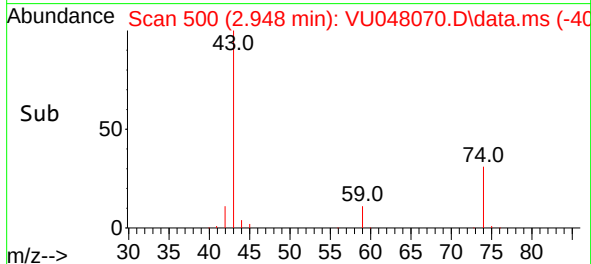
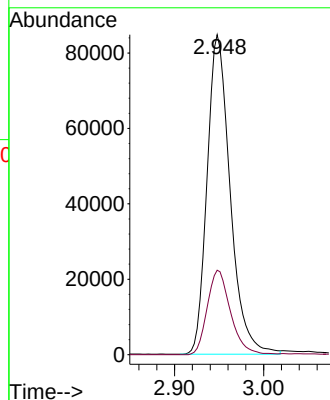
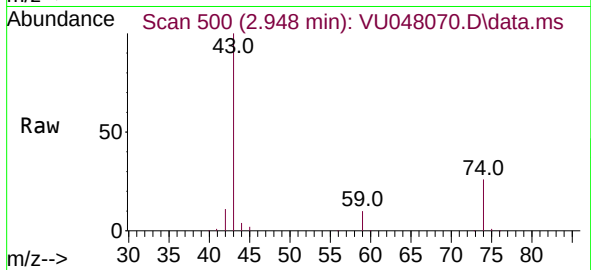




#15
Methyl Acetate
Concen: 49.669 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

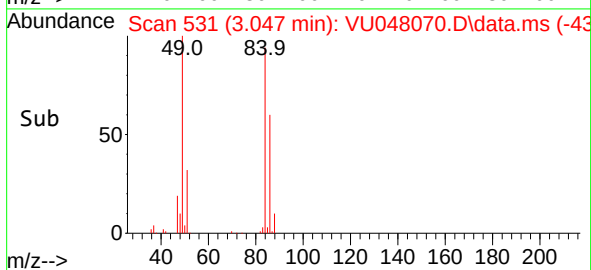
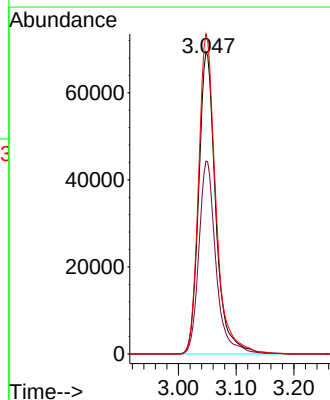
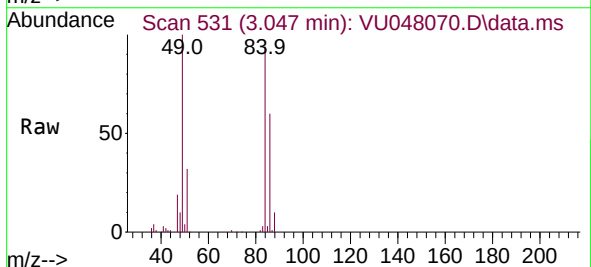
Instrument :
MSVOA_U
ClientSampleId :
VSTD050082

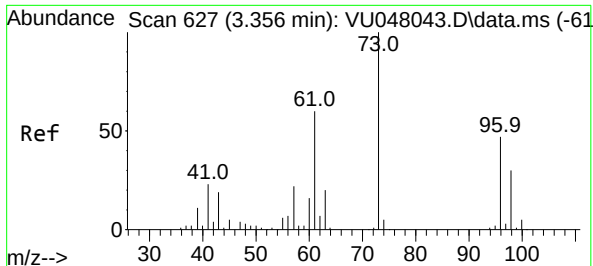
Tgt Ion: 43 Resp: 152529
Ion Ratio Lower Upper
43 100
74 26.5 22.2 33.2



#16
Methylene chloride
Concen: 54.277 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion: 84 Resp: 142051
Ion Ratio Lower Upper
84 100
86 63.8 46.0 85.4
49 105.9 75.3 139.8

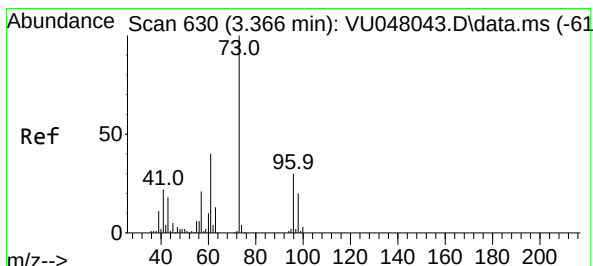
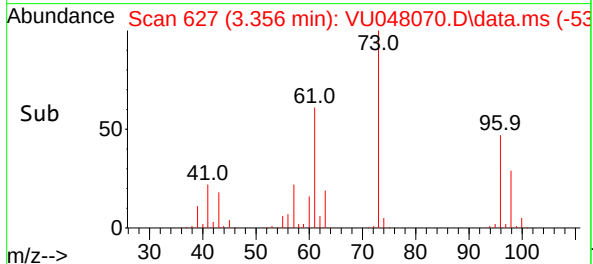
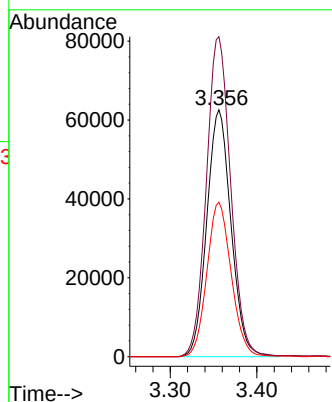
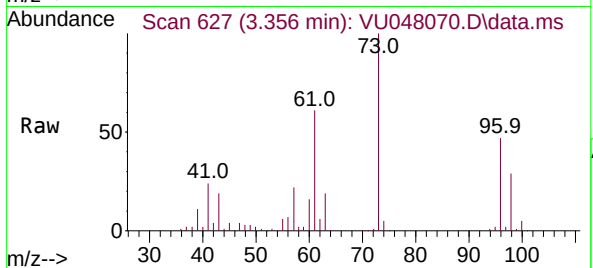




#17
trans-1,2-Dichloroethene
Concen: 49.531 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

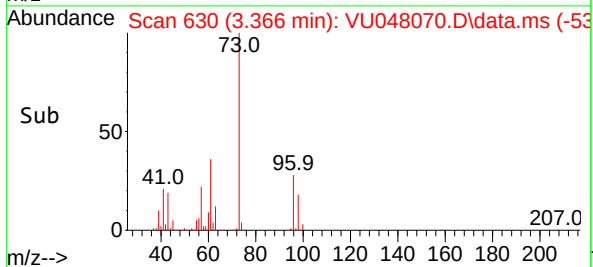
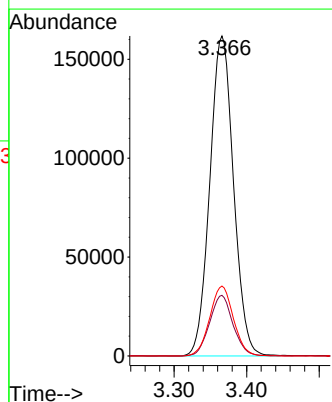
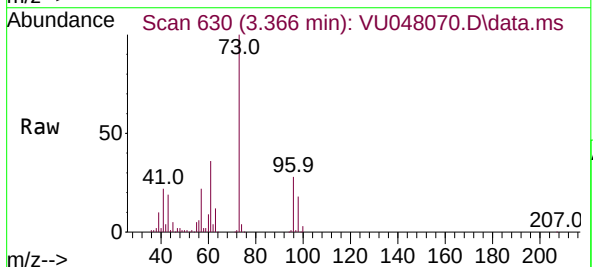
Instrument :
MSVOA_U
ClientSampleId :
VSTD050082

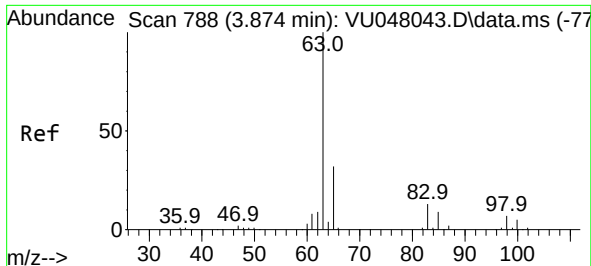
Tgt Ion: 96 Resp: 121844
Ion Ratio Lower Upper
96 100
61 129.6 88.4 164.2
98 62.6 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 52.935 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion: 73 Resp: 367375
Ion Ratio Lower Upper
73 100
43 18.8 15.3 22.9
57 21.8 17.0 25.6





#19

1,1-Dichloroethane

Concen: 54.720 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD050082

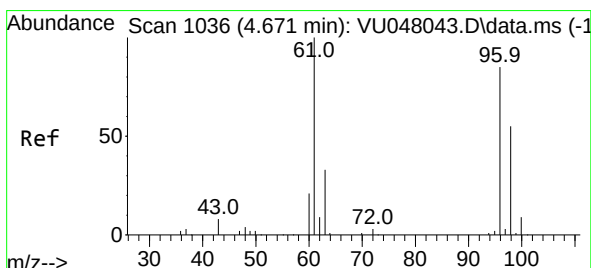
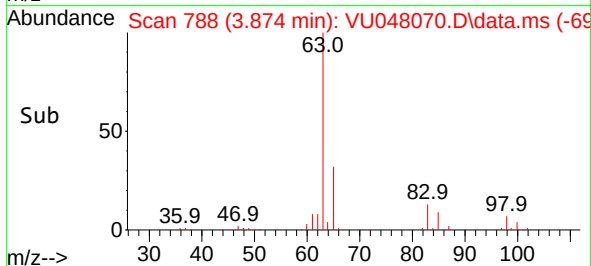
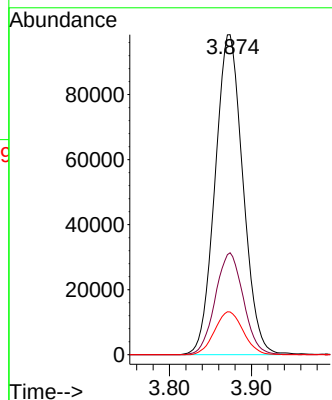
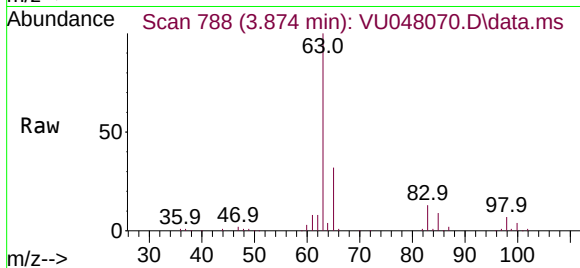
Tgt Ion: 63 Resp: 232155

Ion Ratio Lower Upper

63 100

65 31.8 22.0 41.0

83 13.4 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 52.073 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

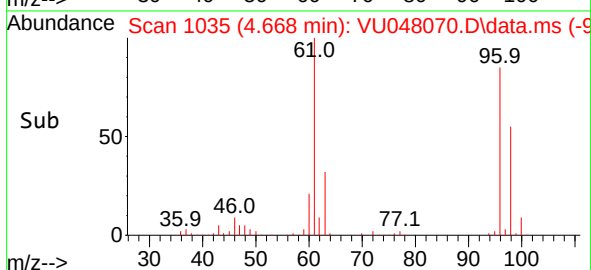
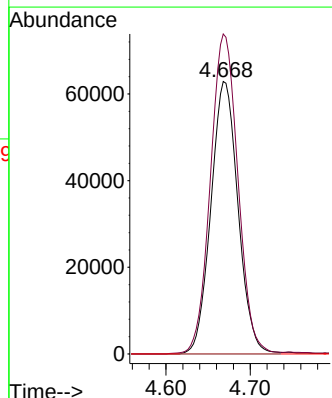
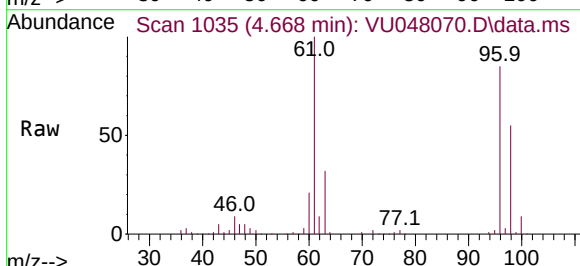
Tgt Ion: 96 Resp: 140434

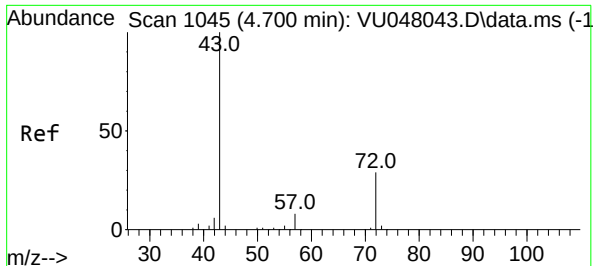
Ion Ratio Lower Upper

96 100

61 117.4 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 87.466 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

Instrument :

MSVOA_U

ClientSampleId :

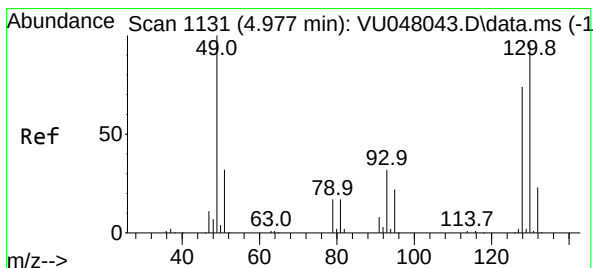
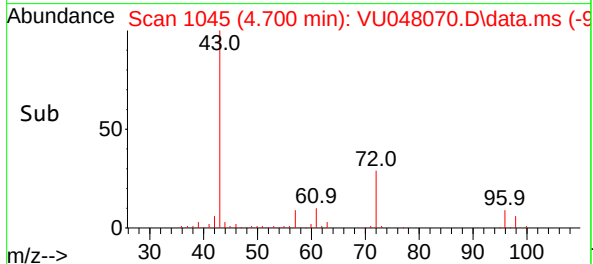
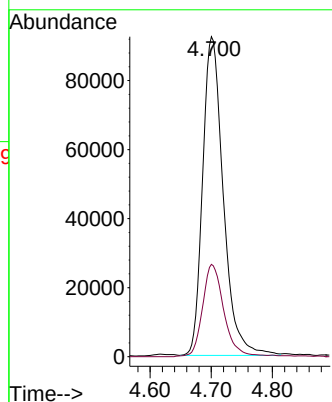
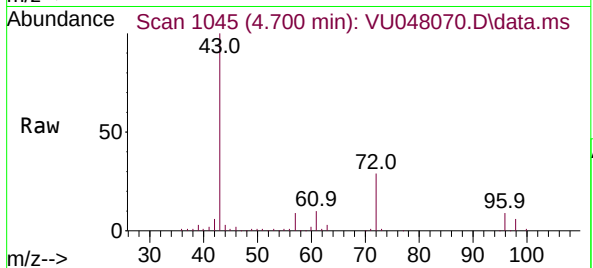
VSTD050082

Tgt Ion: 43 Resp: 216987

Ion Ratio Lower Upper

43 100

72 29.7 16.0 47.9



#23

Bromochloromethane

Concen: 53.155 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

Tgt Ion: 128 Resp: 78707

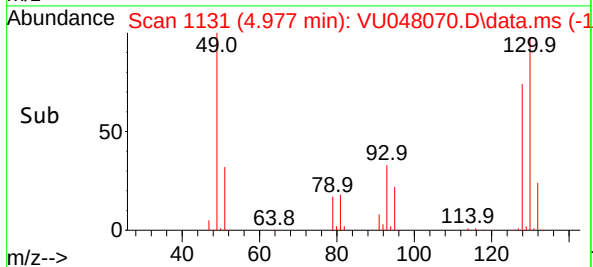
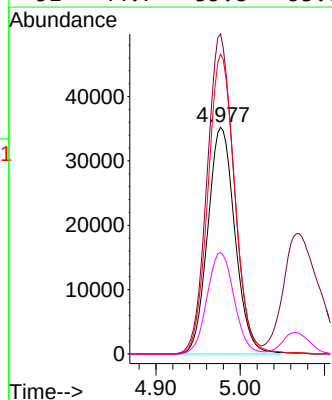
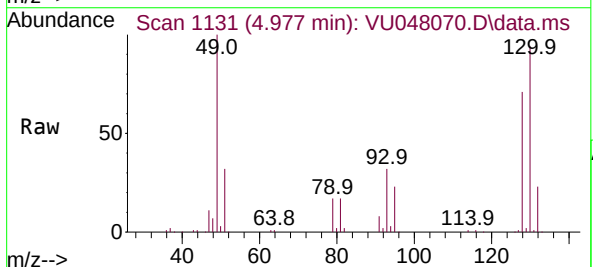
Ion Ratio Lower Upper

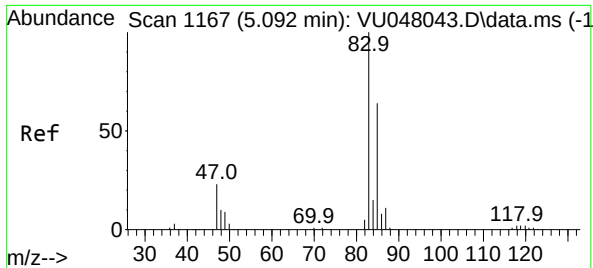
128 100

49 141.1 94.1 174.8

130 132.3 90.2 167.4

51 44.7 35.8 53.6

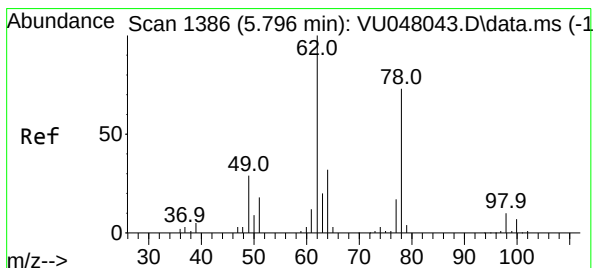
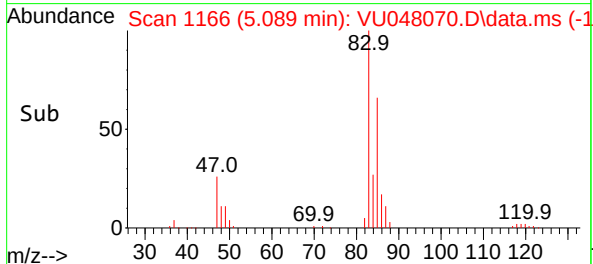
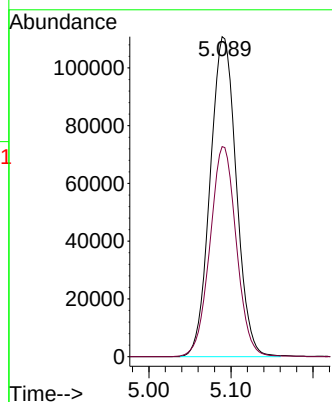
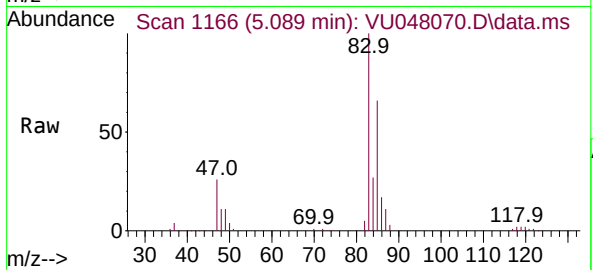




#25
Chloroform
Concen: 53.768 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

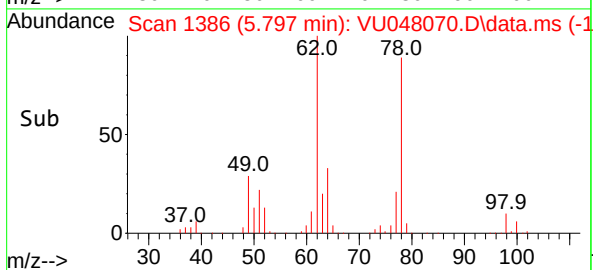
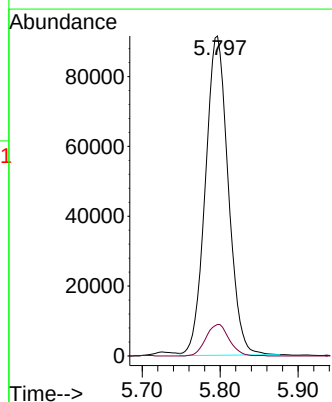
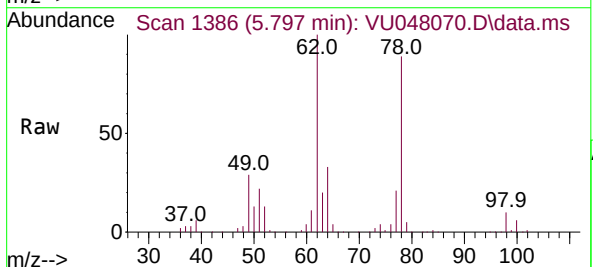
Instrument :
MSVOA_U
ClientSampleId :
VSTD050082

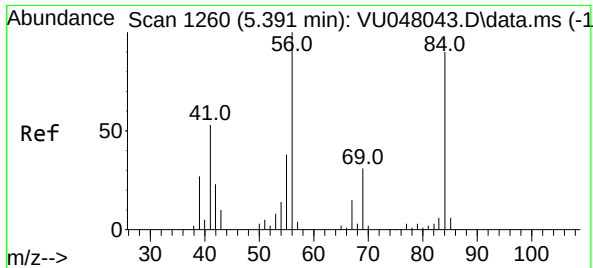
Tgt Ion: 83 Resp: 245596
Ion Ratio Lower Upper
83 100
85 65.6 46.2 85.8



#27
1,2-Dichloroethane
Concen: 52.839 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion: 62 Resp: 186467
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.0





#29

Cyclohexane

Concen: 48.672 ug/L

RT: 5.391 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD050082

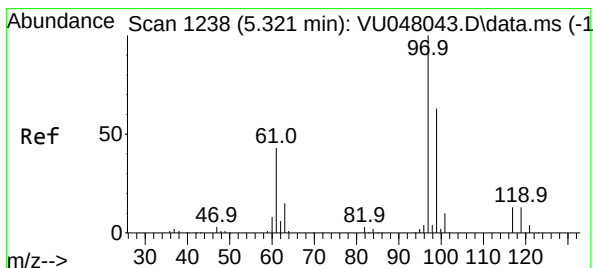
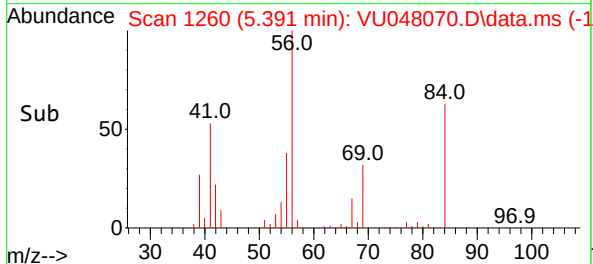
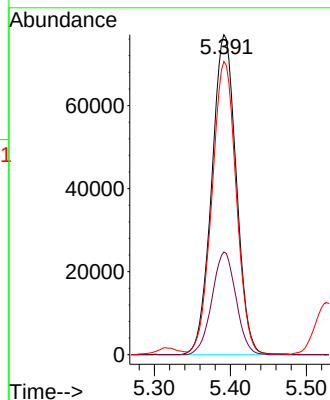
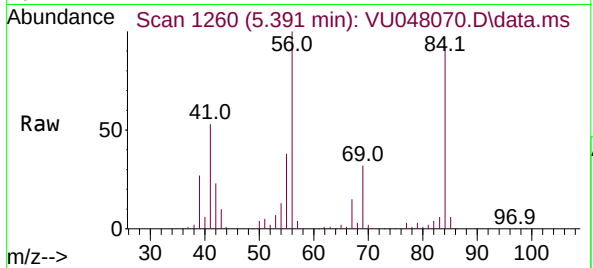
Tgt Ion: 56 Resp: 172222

Ion Ratio Lower Upper

56 100

69 31.5 25.4 38.2

84 91.0 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 51.016 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

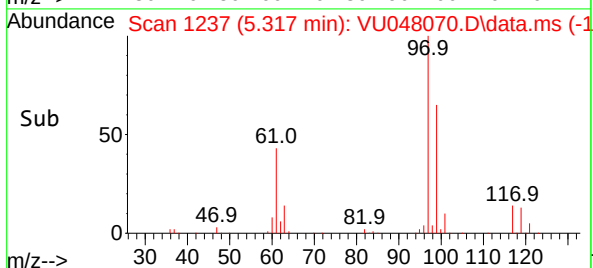
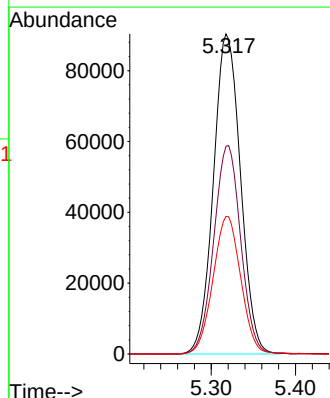
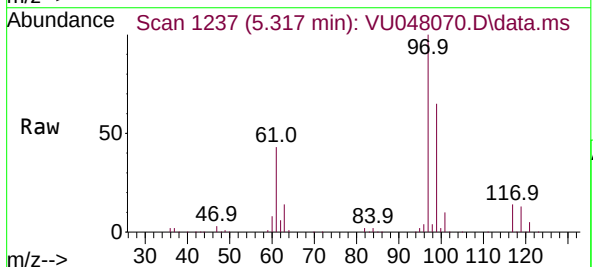
Tgt Ion: 97 Resp: 201715

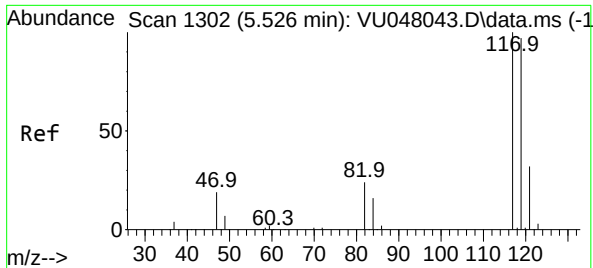
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 43.9 34.2 51.4

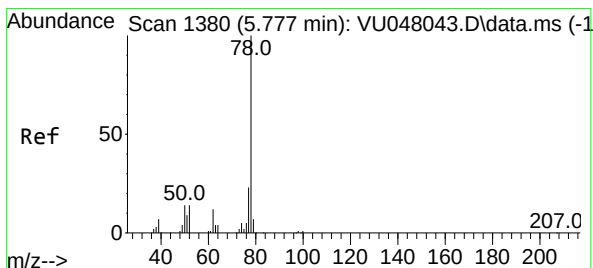
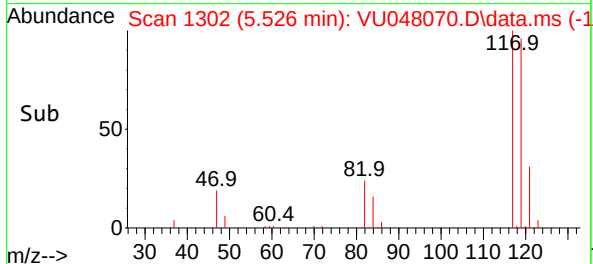
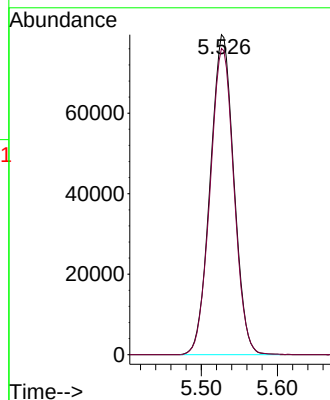
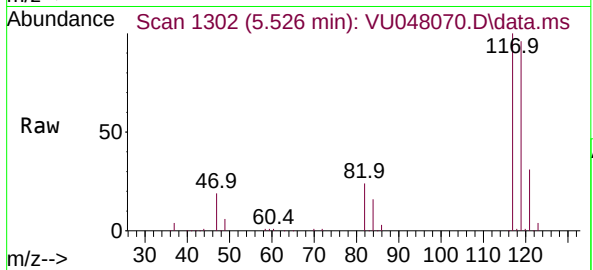




#31
Carbon tetrachloride
Concen: 48.105 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

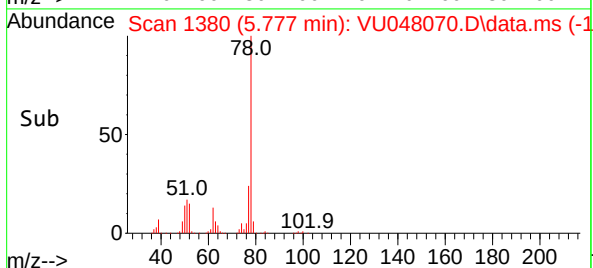
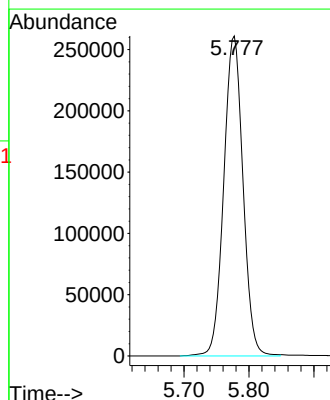
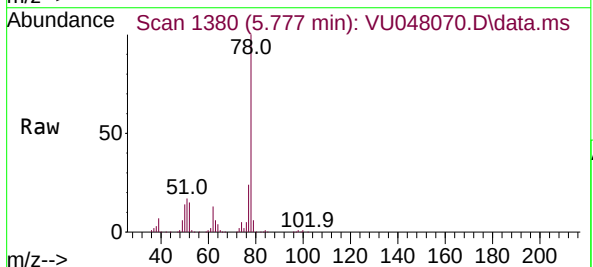
Instrument :
MSVOA_U
ClientSampleId :
VSTD050082

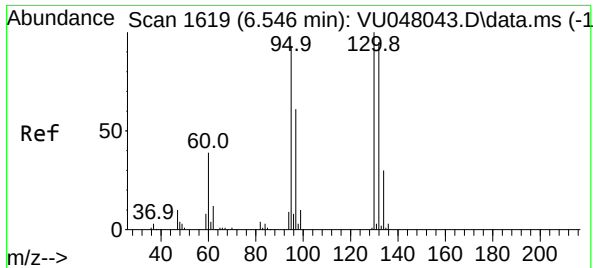
Tgt Ion:117 Resp: 171756
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8



#33
Benzene
Concen: 53.101 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion: 78 Resp: 535967

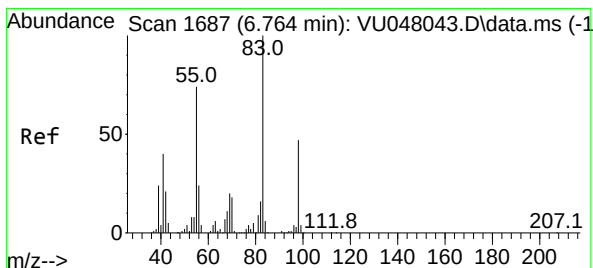
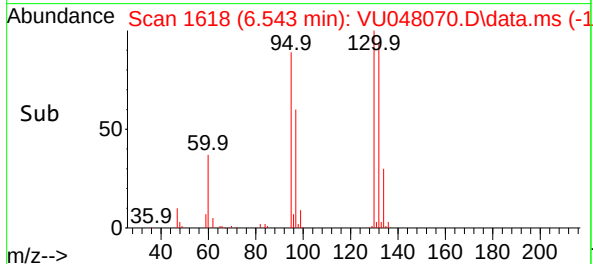
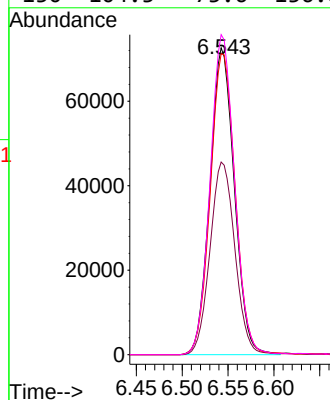
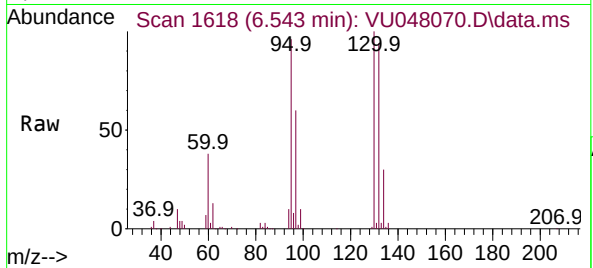




#34
Trichloroethene
Concen: 50.706 ug/L
RT: 6.543 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

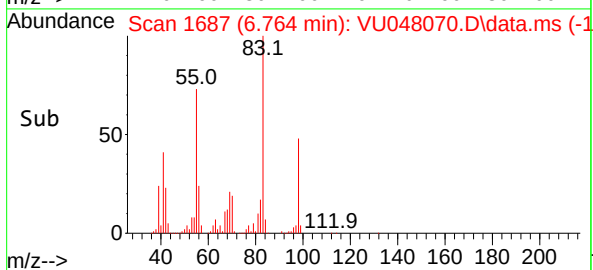
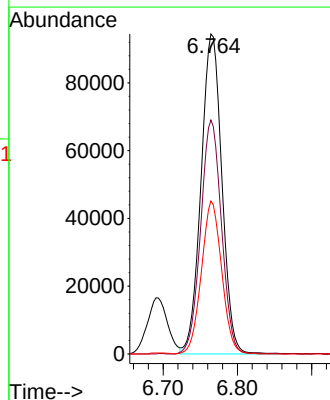
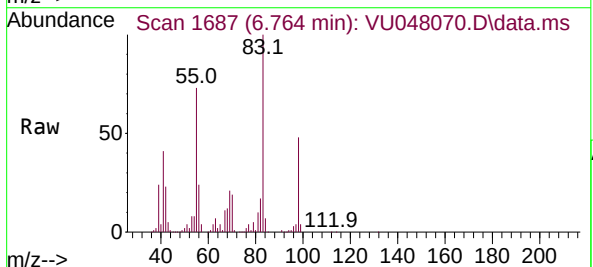
Instrument :
MSVOA_U
ClientSampleId :
VSTD050082

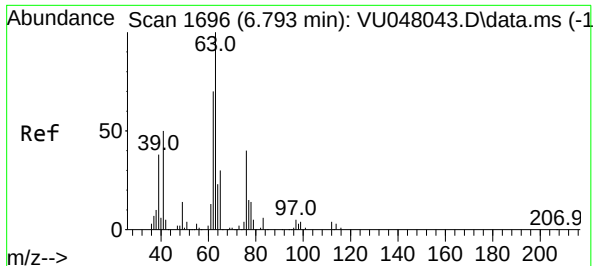
Tgt Ion: 95 Resp: 134178
Ion Ratio Lower Upper
95 100
97 62.8 44.7 82.9
132 98.1 70.4 130.8
130 104.3 73.6 136.8



#35
Methylcyclohexane
Concen: 45.772 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion: 83 Resp: 184264
Ion Ratio Lower Upper
83 100
55 72.7 56.8 85.2
98 46.4 38.1 57.1





#37

1,2-Dichloropropane

Concen: 55.505 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

Instrument :

MSVOA_U

ClientSampleId :

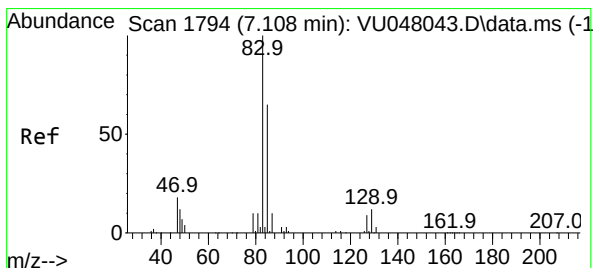
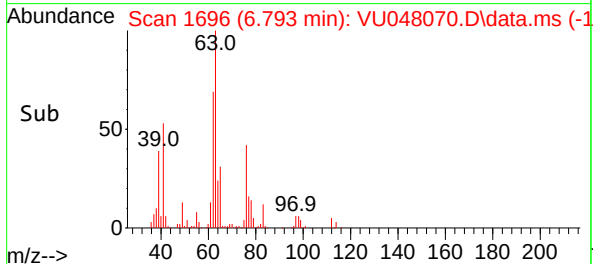
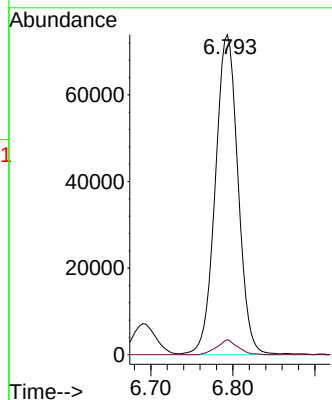
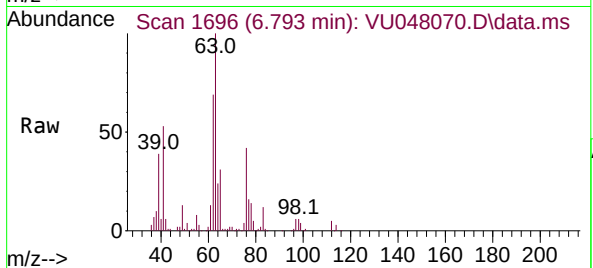
VSTD050082

Tgt Ion: 63 Resp: 142419

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 52.521 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

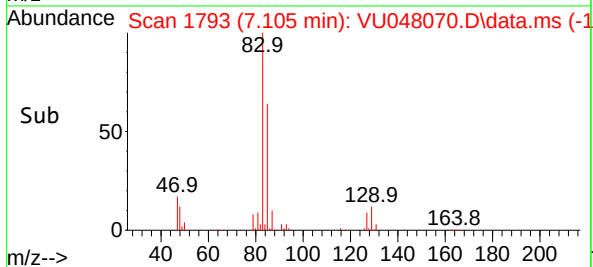
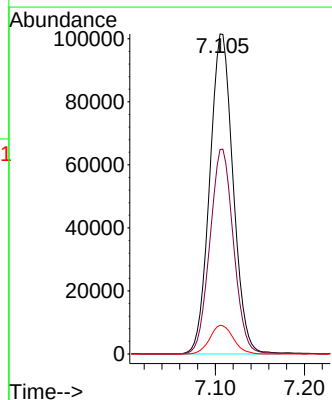
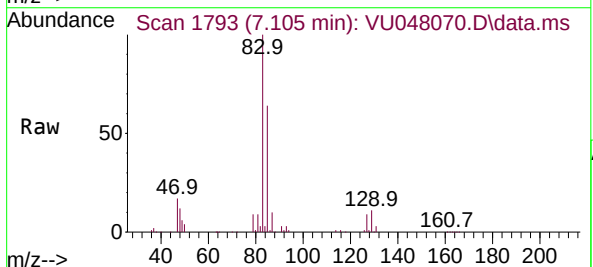
Tgt Ion: 83 Resp: 185060

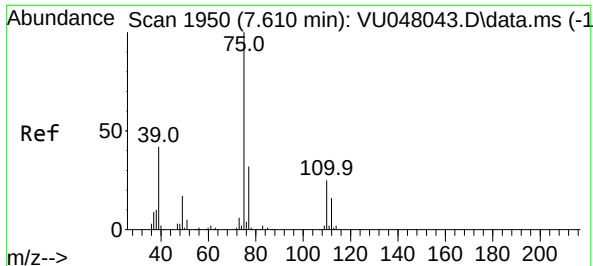
Ion Ratio Lower Upper

83 100

85 63.9 44.4 82.4

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 49.246 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

Instrument :

MSVOA_U

ClientSampleId :

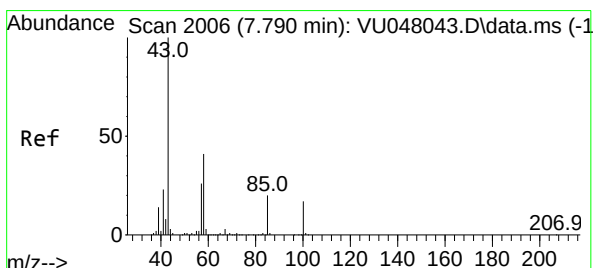
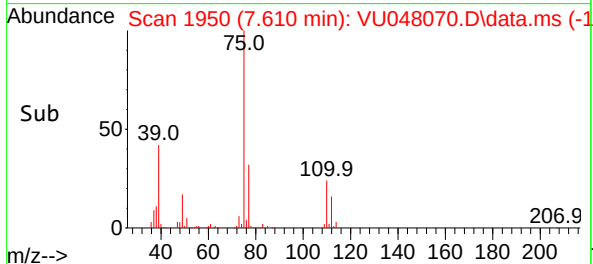
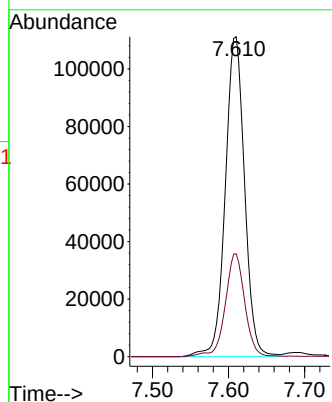
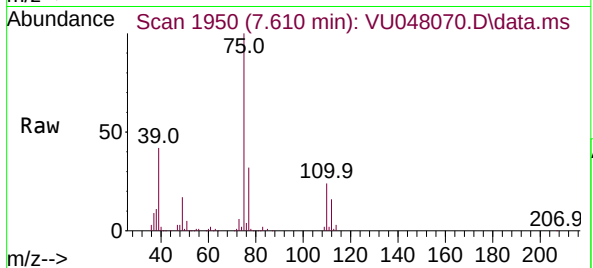
VSTD050082

Tgt Ion: 75 Resp: 196065

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 100.749 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

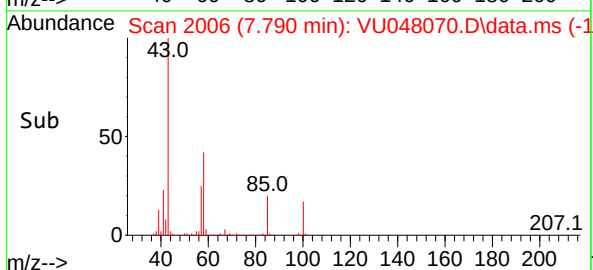
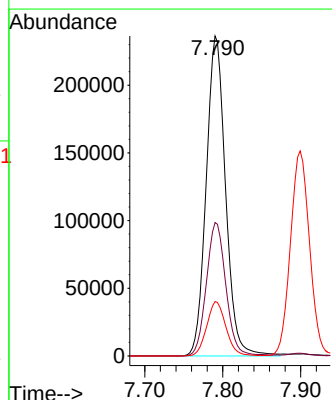
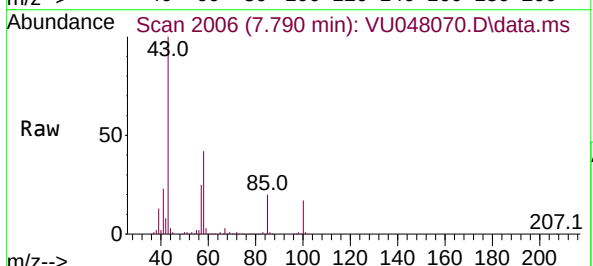
Tgt Ion: 43 Resp: 408576

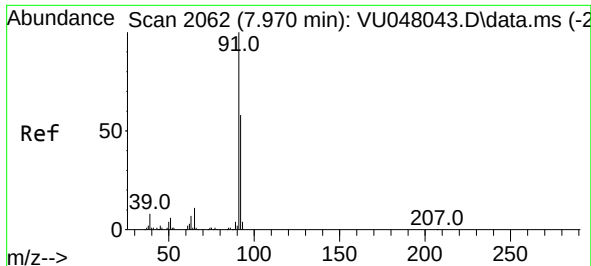
Ion Ratio Lower Upper

43 100

58 41.8 34.7 52.1

100 16.9 14.2 21.2





#42

Toluene

Concen: 52.270 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

Instrument :

MSVOA_U

ClientSampleId :

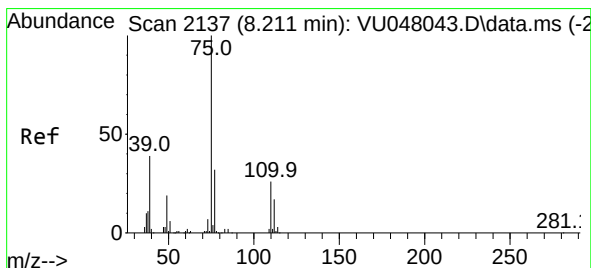
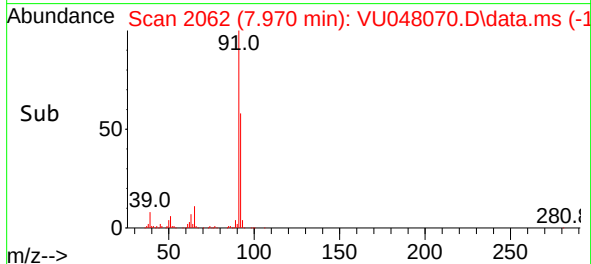
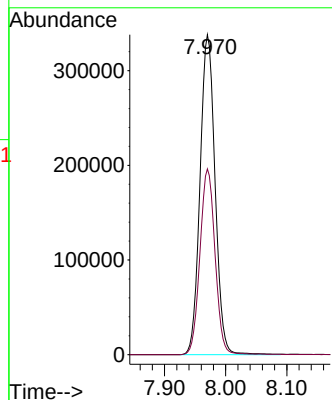
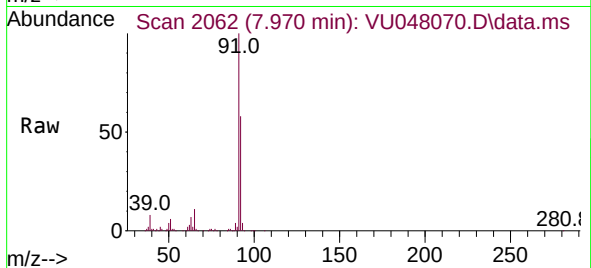
VSTD050082

Tgt Ion: 91 Resp: 578880

Ion Ratio Lower Upper

91 100

92 58.1 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 48.785 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048070.D

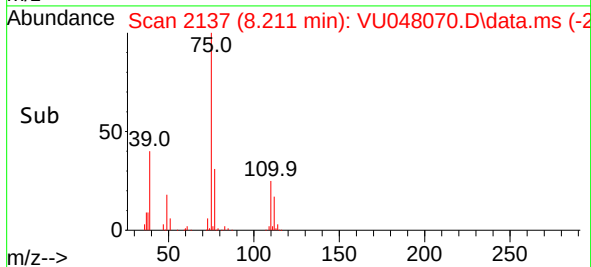
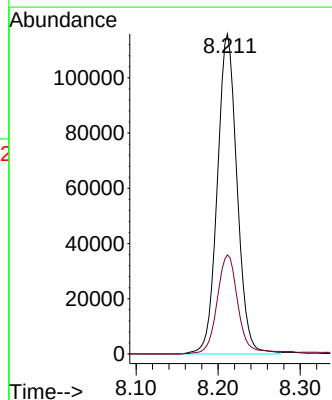
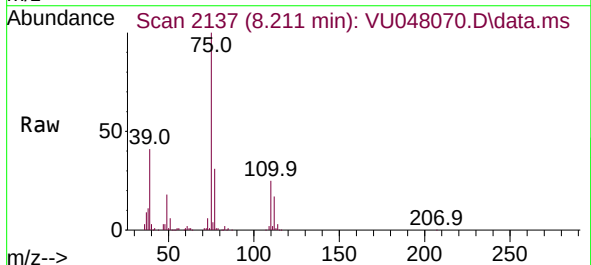
Acq: 14 Apr 2022 19:50

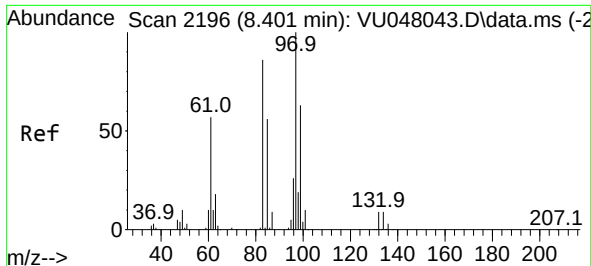
Tgt Ion: 75 Resp: 193927

Ion Ratio Lower Upper

75 100

77 31.0 22.0 40.8

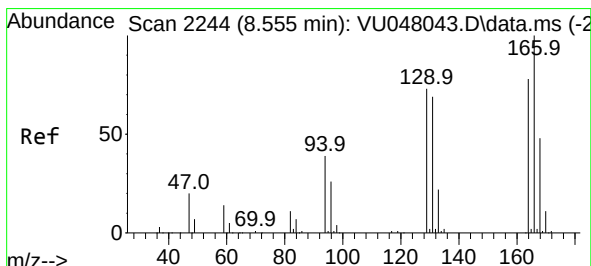
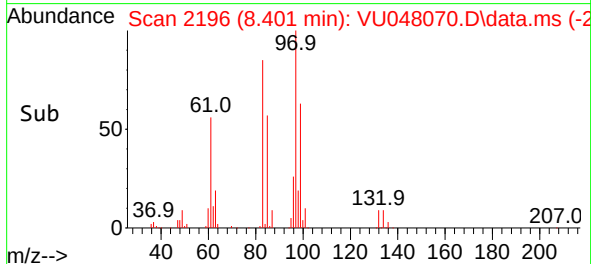
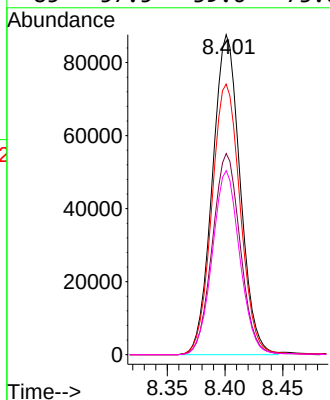
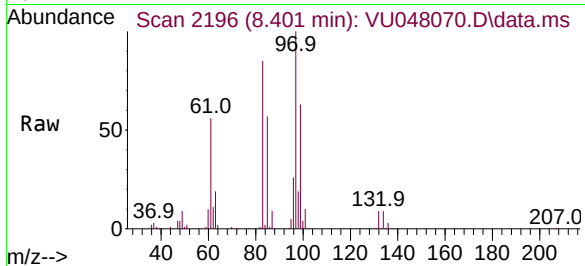




#45
1,1,2-Trichloroethane
Concen: 53.834 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

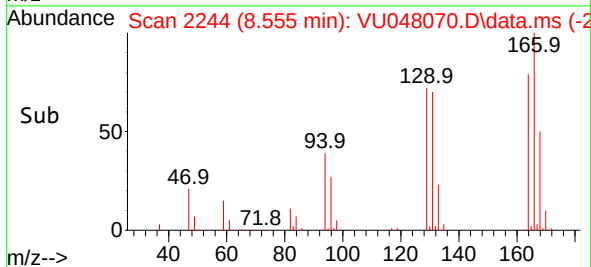
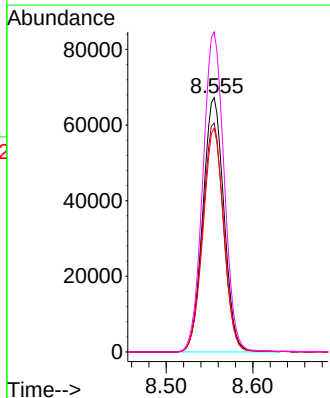
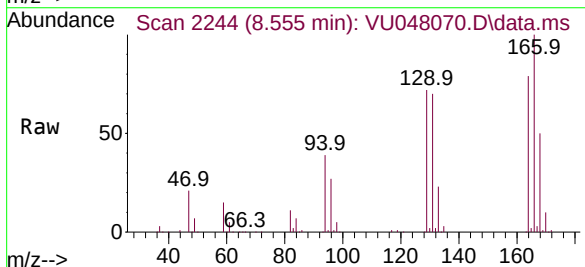
Instrument :
MSVOA_U
ClientSampleId :
VSTD050082

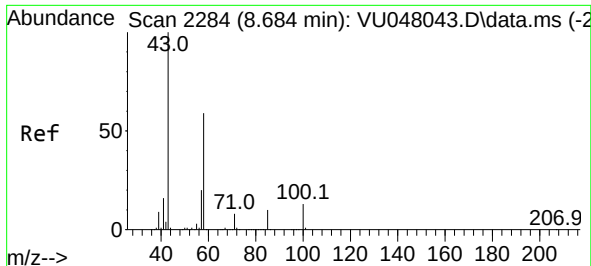
Tgt Ion:	97	Resp:	146499
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.3	80.3
83	84.6	61.0	113.4
85	57.5	39.6	73.6



#46
Tetrachloroethene
Concen: 47.931 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion:	164	Resp:	113979
Ion	Ratio	Lower	Upper
164	100		
129	90.0	62.4	116.0
131	88.0	60.7	112.7
166	125.8	89.0	165.4



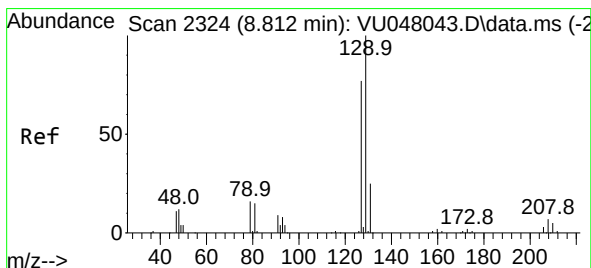
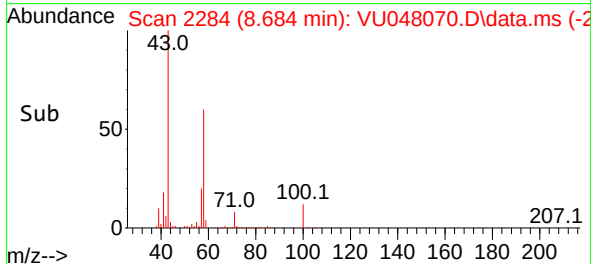
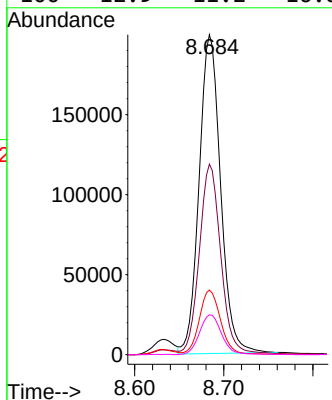
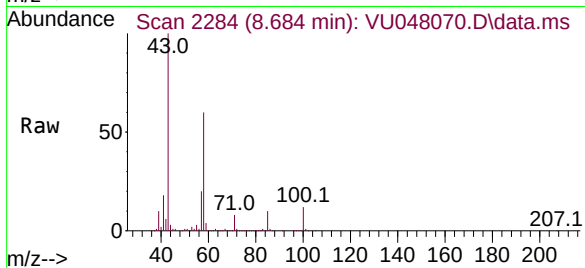


#48
2-Hexanone
Concen: 95.785 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050082

Tgt Ion: 43 Resp: 334134

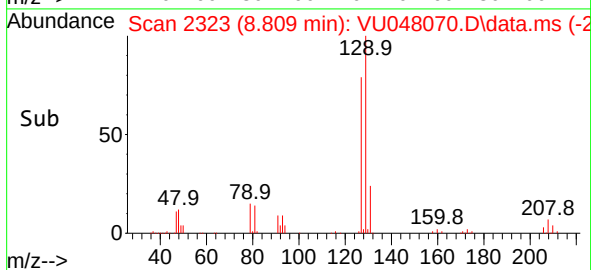
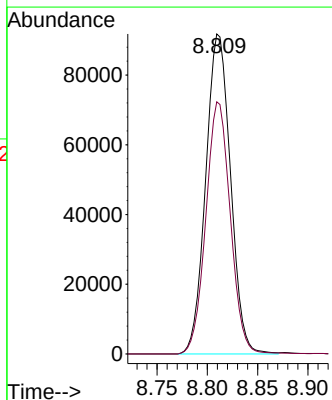
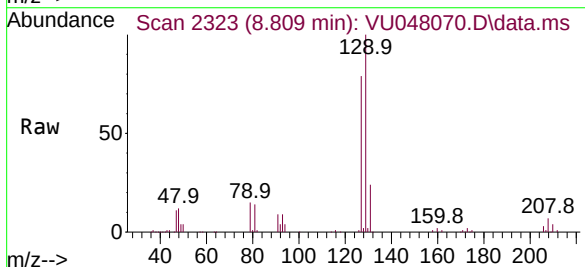
Ion	Ratio	Lower	Upper
43	100		
58	59.5	48.1	72.1
57	19.4	16.2	24.4
100	12.9	11.2	16.8

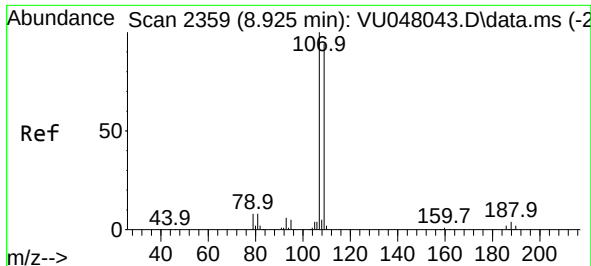


#49
Dibromochloromethane
Concen: 50.030 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion: 129 Resp: 157689

Ion	Ratio	Lower	Upper
129	100		
127	78.8	54.2	100.6

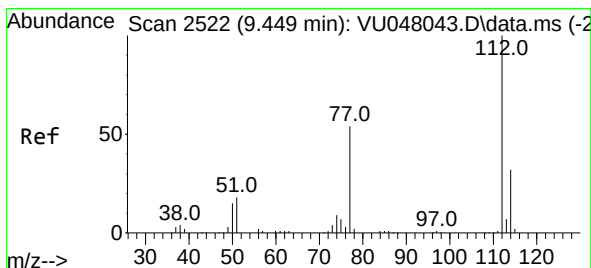
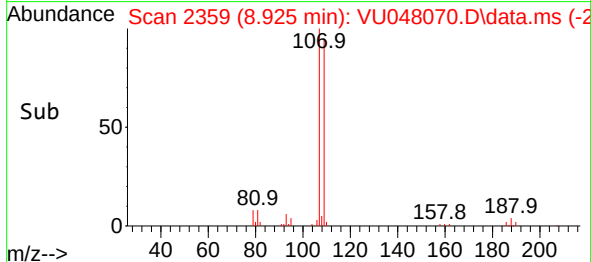
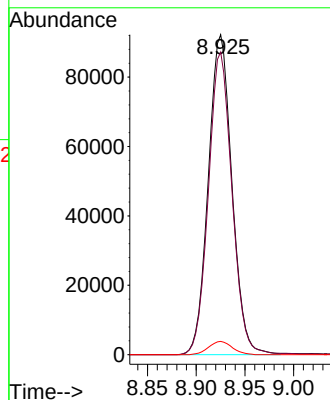
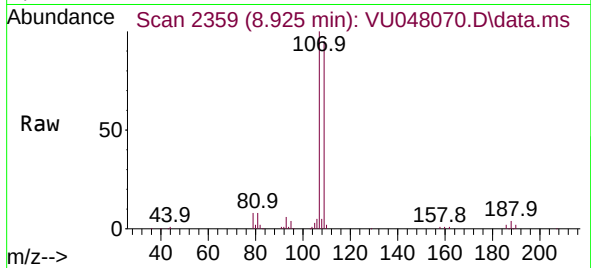




#50
1,2-Dibromoethane
Concen: 51.073 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

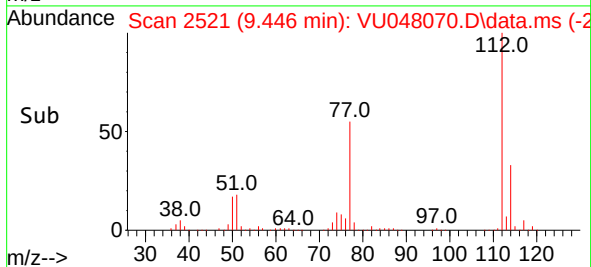
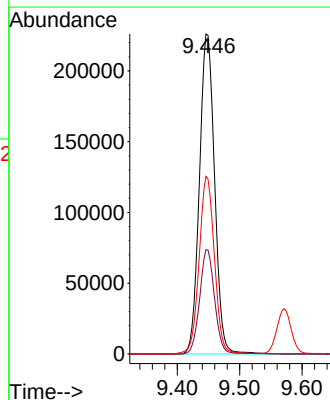
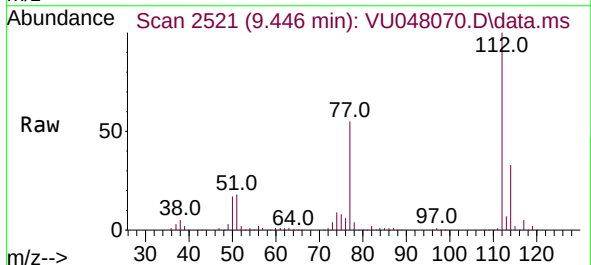
Instrument :
MSVOA_U
ClientSampleId :
VSTD050082

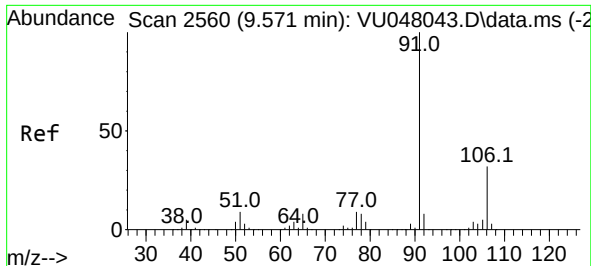
Tgt Ion:107 Resp: 155814
Ion Ratio Lower Upper
107 100
109 94.6 66.6 123.6
188 4.3 3.4 5.2



#51
Chlorobenzene
Concen: 50.911 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion:112 Resp: 382838
Ion Ratio Lower Upper
112 100
114 32.6 22.1 41.1
77 55.5 43.4 65.0

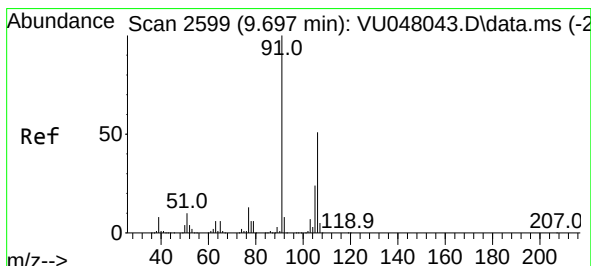
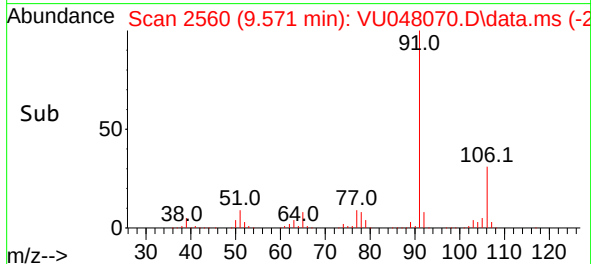
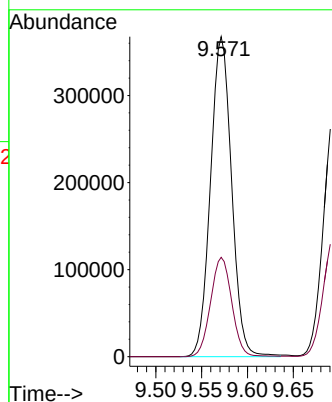
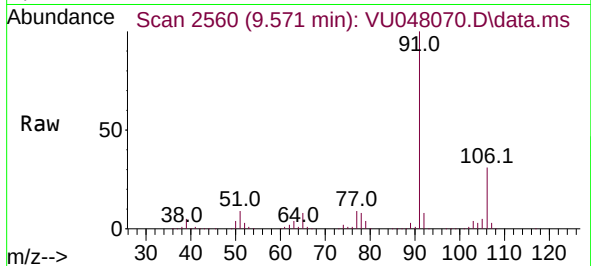




#52
Ethylbenzene
Concen: 50.440 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

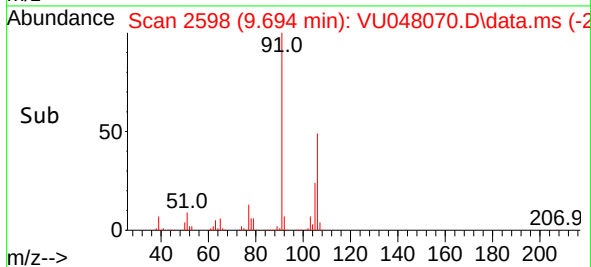
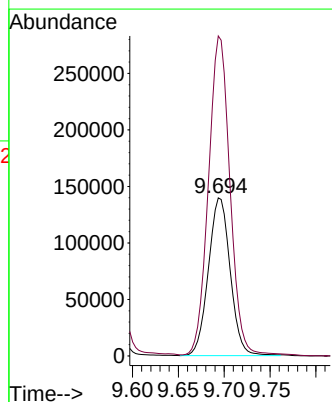
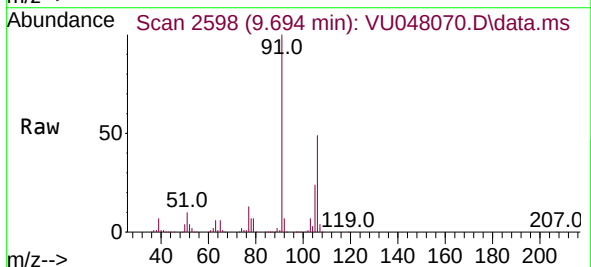
Instrument :
MSVOA_U
ClientSampleId :
VSTD050082

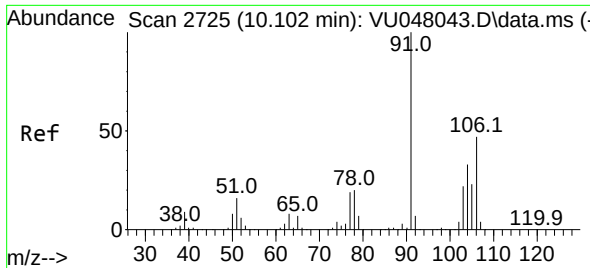
Tgt Ion: 91 Resp: 587362
Ion Ratio Lower Upper
91 100
106 31.1 22.4 41.6



#53
m,p-Xylene
Concen: 50.625 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion: 106 Resp: 231317
Ion Ratio Lower Upper
106 100
91 202.4 137.7 255.7

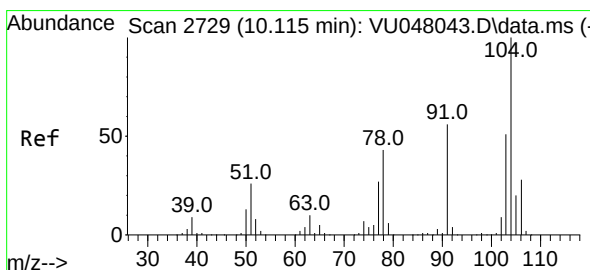
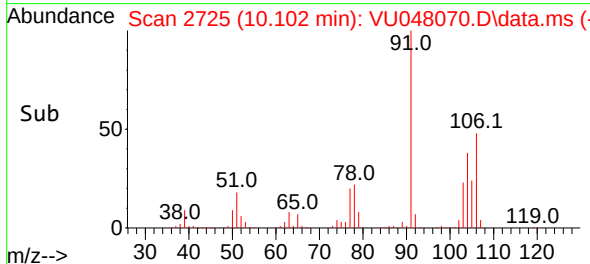
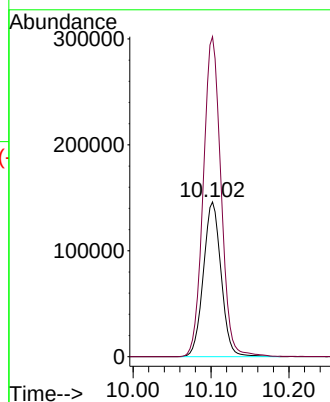
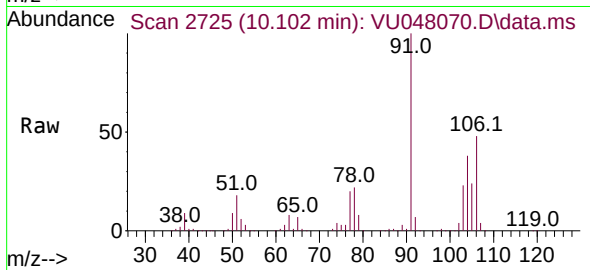




#54
o-Xylene
Concen: 51.495 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

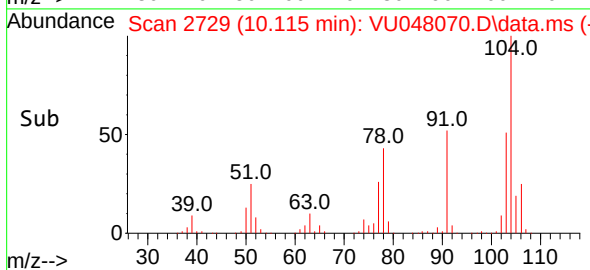
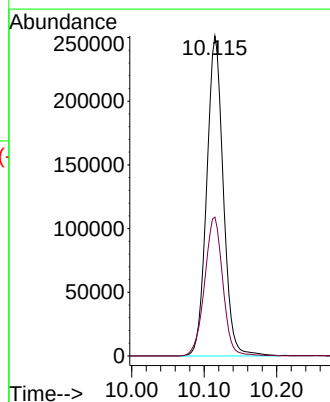
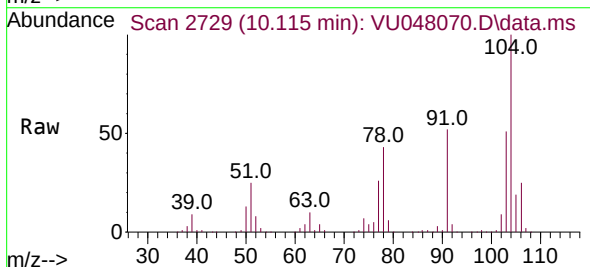
Instrument :
MSVOA_U
ClientSampleId :
VSTD050082

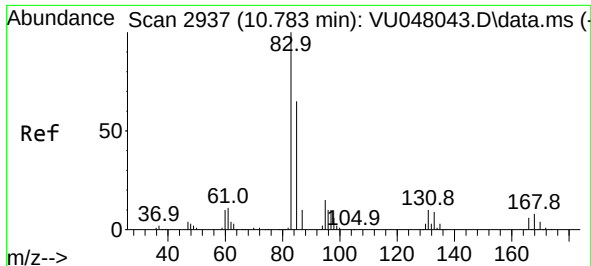
Tgt Ion:106 Resp: 230930
Ion Ratio Lower Upper
106 100
91 206.9 146.7 272.5



#55
Styrene
Concen: 52.207 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion:104 Resp: 399726
Ion Ratio Lower Upper
104 100
78 43.4 30.4 56.4





#57

1,1,2,2-Tetrachloroethane

Concen: 51.271 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD050082

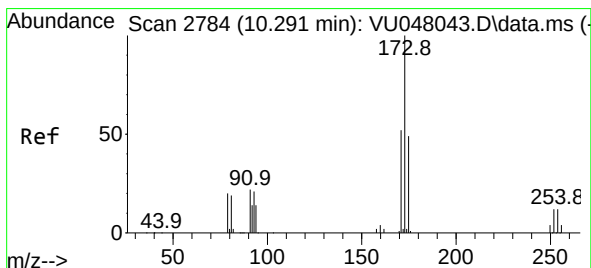
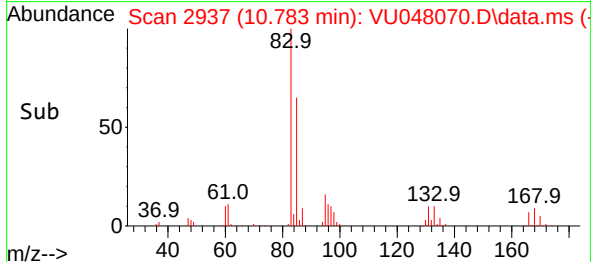
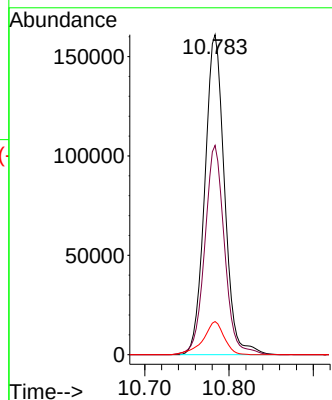
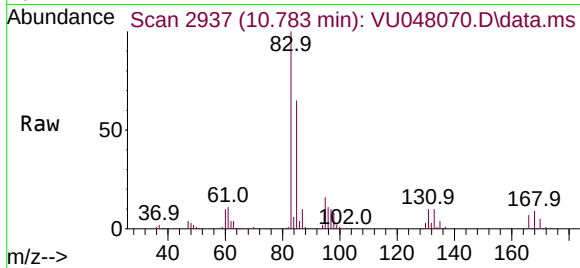
Tgt Ion: 83 Resp: 261570

Ion Ratio Lower Upper

83 100

85 65.4 44.9 83.3

131 10.3 8.6 13.0



#59

Bromoform

Concen: 48.564 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

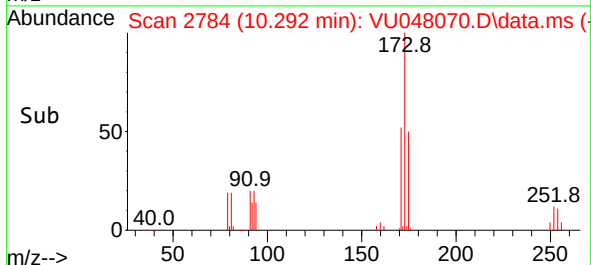
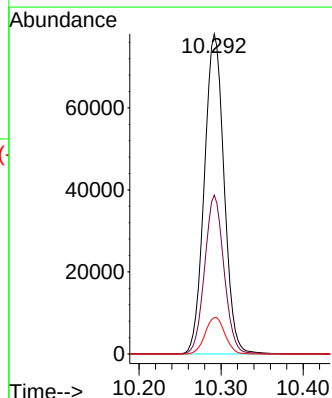
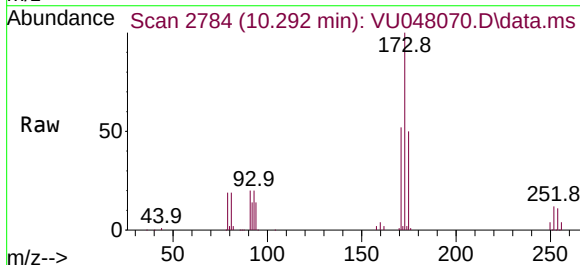
Tgt Ion:173 Resp: 130547

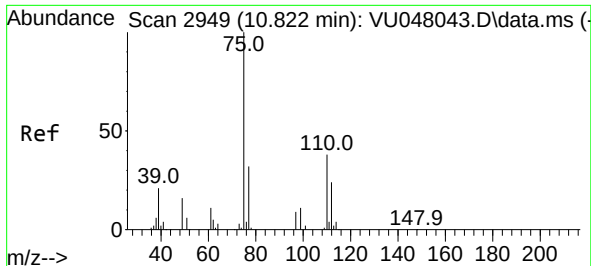
Ion Ratio Lower Upper

173 100

175 48.6 38.7 58.1

254 11.4 9.6 14.4

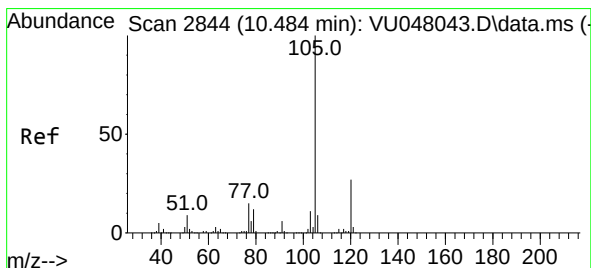
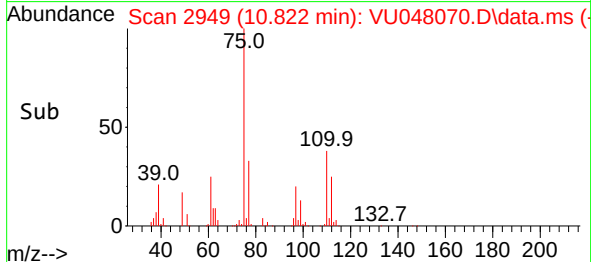
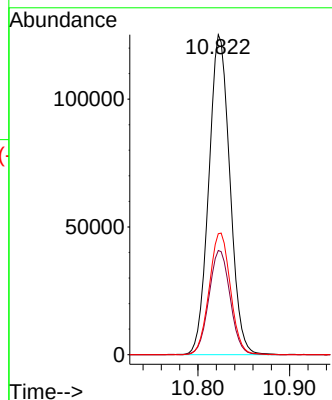
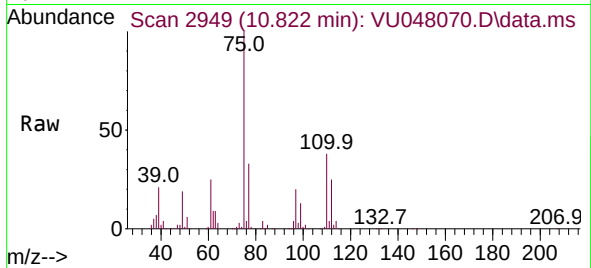




#60
1,2,3-Trichloropropane
Concen: 50.444 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

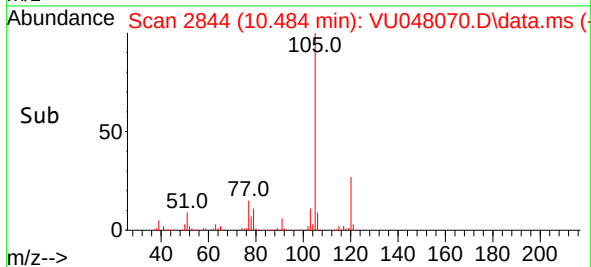
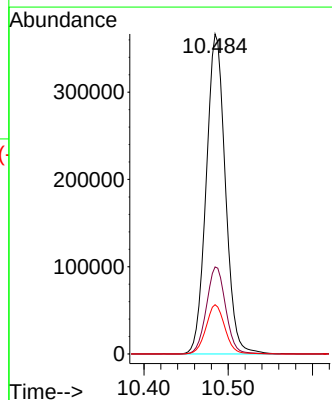
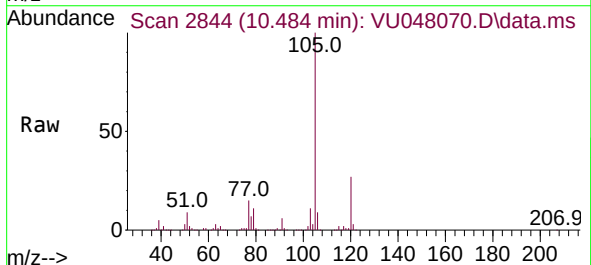
Instrument :
MSVOA_U
ClientSampleId :
VSTD050082

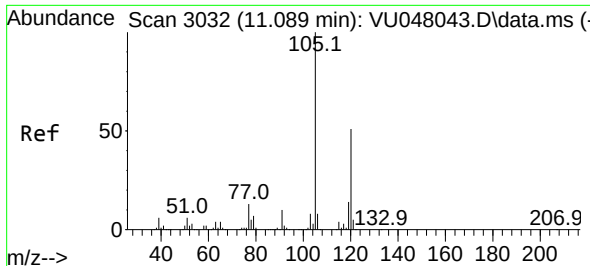
Tgt Ion: 75 Resp: 199913
Ion Ratio Lower Upper
75 100
77 32.9 26.0 39.0
110 38.3 31.4 47.2



#61
Isopropylbenzene
Concen: 50.993 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion: 105 Resp: 579357
Ion Ratio Lower Upper
105 100
120 27.4 21.9 32.9
77 15.3 12.1 18.1

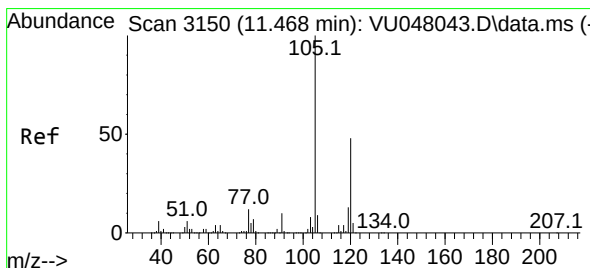
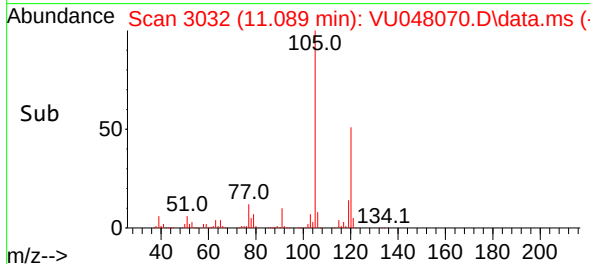
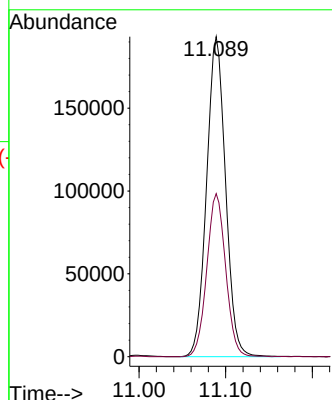
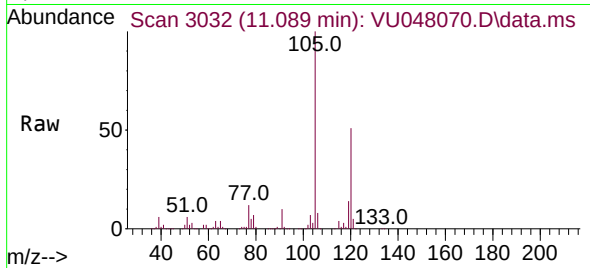




#62
 1,3,5-Trimethylbenzene
 Concen: 47.613 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU048070.D
 Acq: 14 Apr 2022 19:50

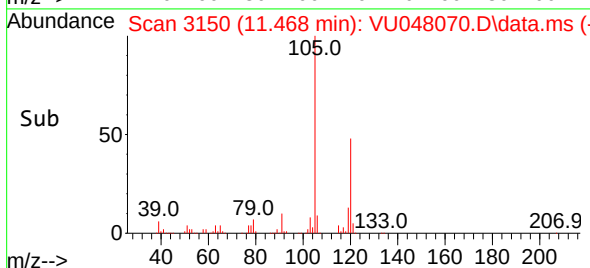
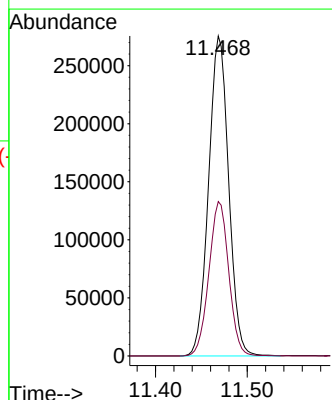
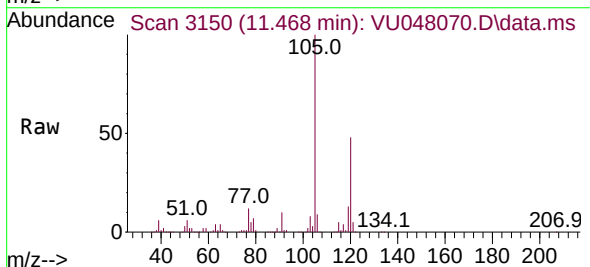
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050082

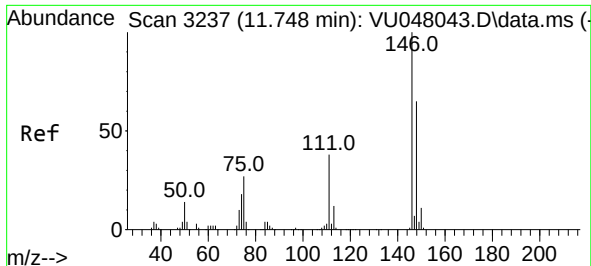
Tgt Ion:105 Resp: 293506
 Ion Ratio Lower Upper
 105 100
 120 50.6 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 44.693 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048070.D
 Acq: 14 Apr 2022 19:50

Tgt Ion:105 Resp: 418489
 Ion Ratio Lower Upper
 105 100
 120 47.8 37.6 56.4

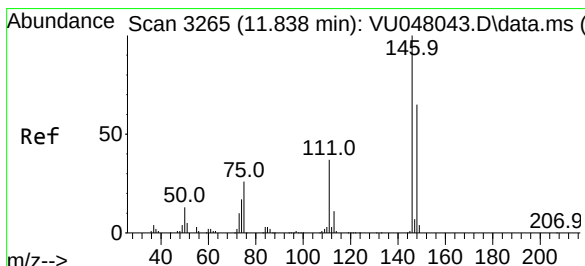
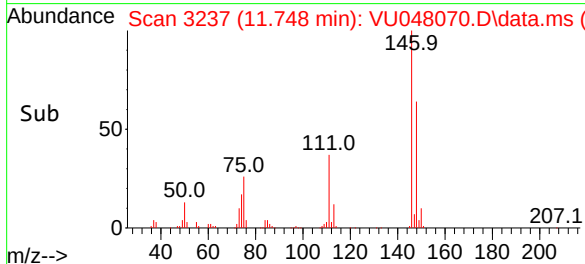
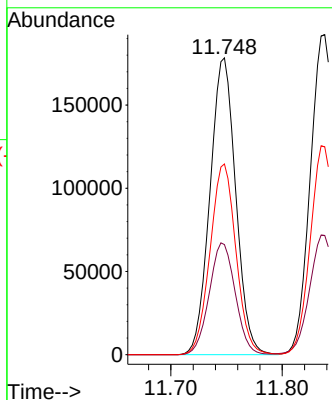
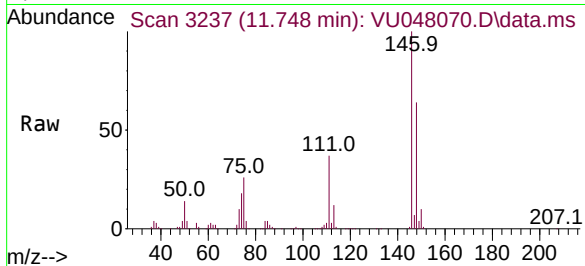




#64
1,3-Dichlorobenzene
Concen: 45.454 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

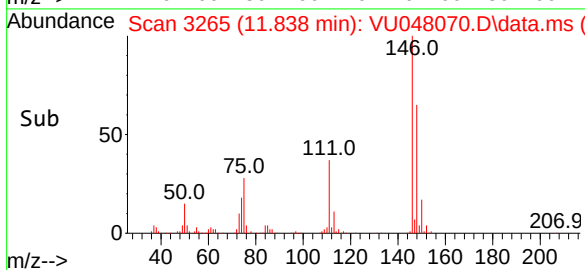
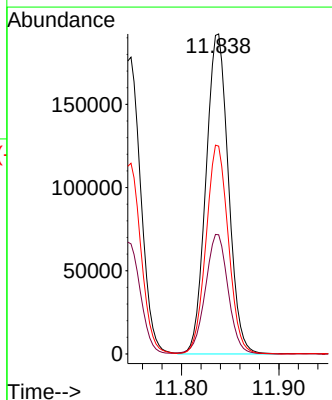
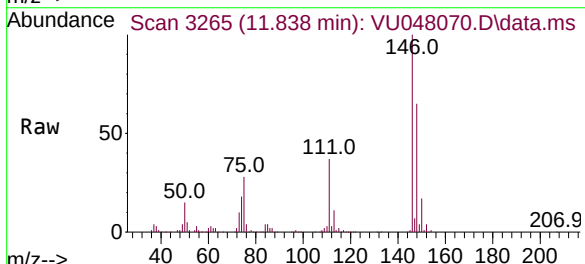
Instrument :
MSVOA_U
ClientSampleId :
VSTD050082

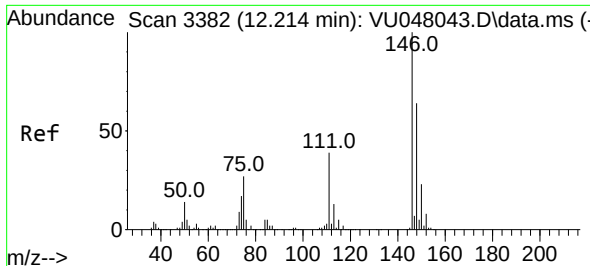
Tgt Ion:146 Resp: 287039
Ion Ratio Lower Upper
146 100
111 37.1 26.7 49.7
148 64.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 47.166 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048070.D
Acq: 14 Apr 2022 19:50

Tgt Ion:146 Resp: 308512
Ion Ratio Lower Upper
146 100
111 37.2 25.3 47.1
148 65.0 44.5 82.7

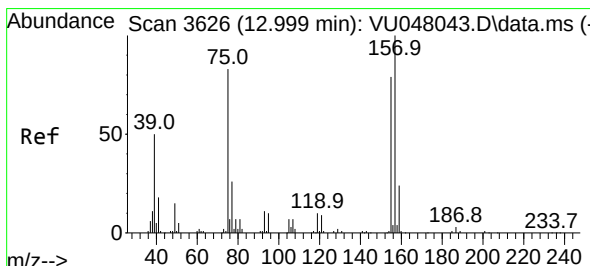
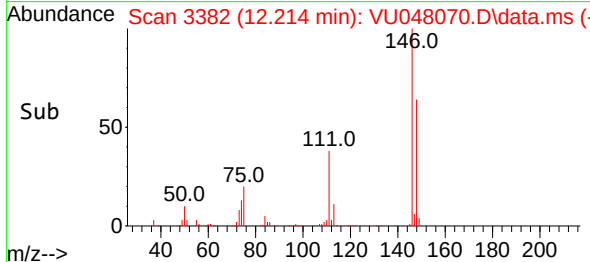
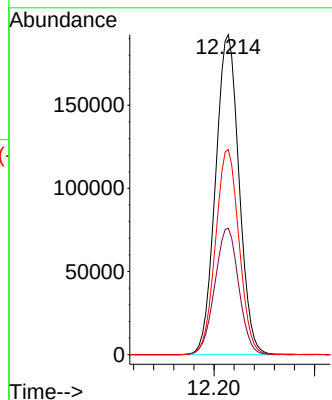
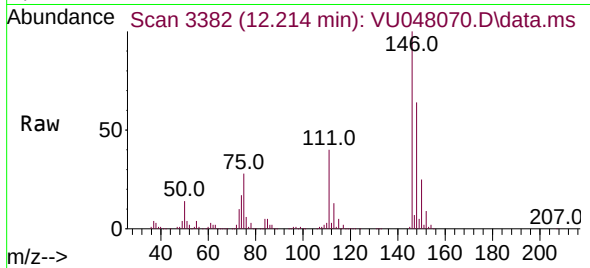




#67
 1,2-Dichlorobenzene
 Concen: 49.401 ug/L
 RT: 12.214 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU048070.D
 Acq: 14 Apr 2022 19:50

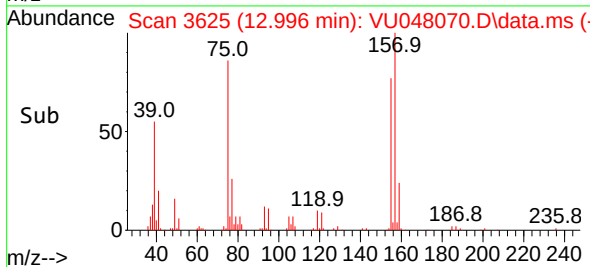
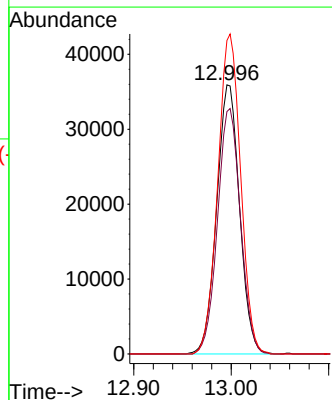
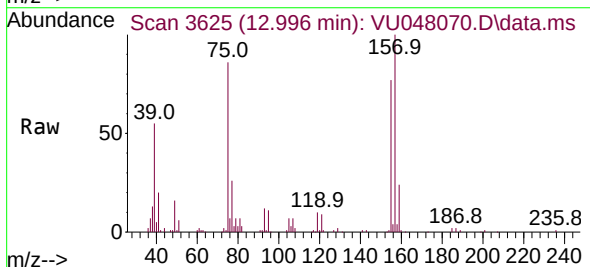
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050082

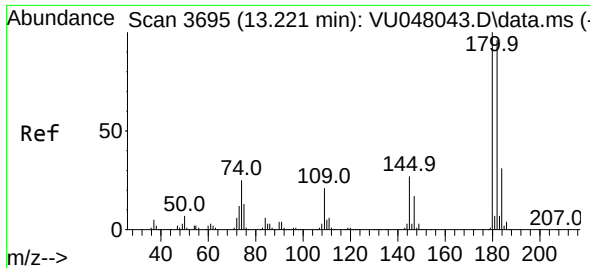
Tgt Ion:146 Resp: 312147
 Ion Ratio Lower Upper
 146 100
 111 39.5 31.7 47.5
 148 64.1 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 46.090 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. -0.003 min
 Lab File: VU048070.D
 Acq: 14 Apr 2022 19:50

Tgt Ion: 75 Resp: 58509
 Ion Ratio Lower Upper
 75 100
 155 90.0 78.9 118.3
 157 116.5 97.5 146.3

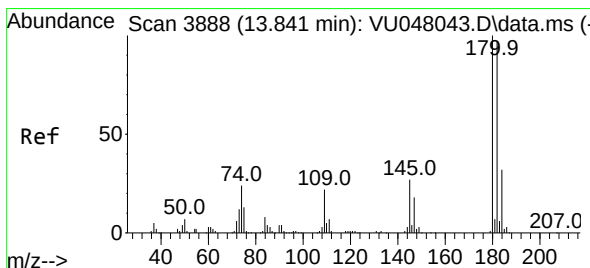
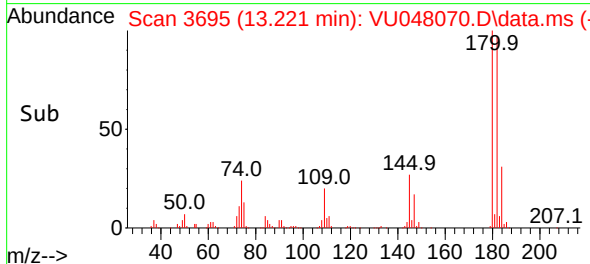
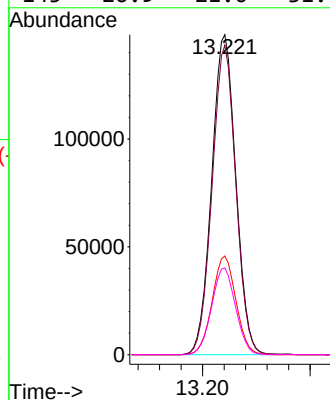
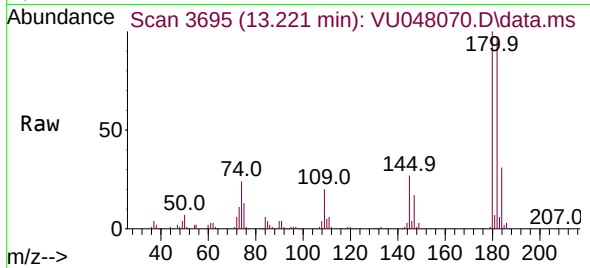




#69
 1,3,5-Trichlorobenzene
 Concen: 45.051 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU048070.D
 Acq: 14 Apr 2022 19:50

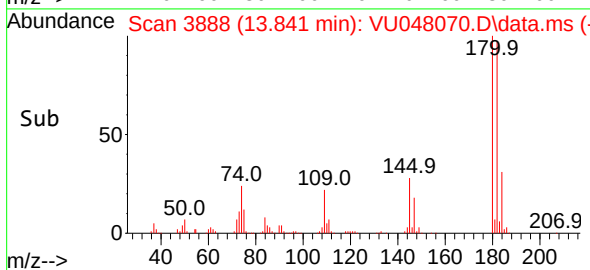
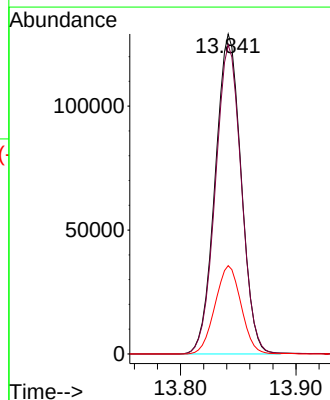
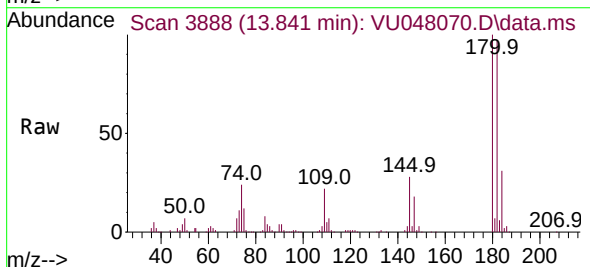
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050082

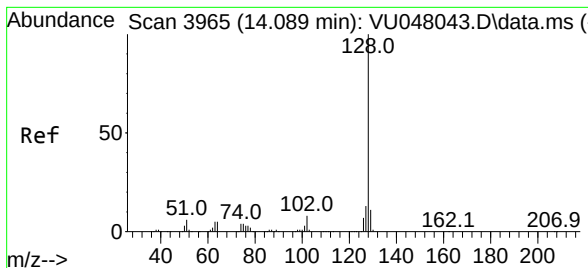
Tgt Ion:	180	Resp:	231051
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.0	115.6
184	30.4	24.5	36.7
145	26.9	21.0	31.6



#70
 1,2,4-trichlorobenzene
 Concen: 44.913 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048070.D
 Acq: 14 Apr 2022 19:50

Tgt Ion:	180	Resp:	201760
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.2	114.2
145	27.6	21.8	32.8





#71

Naphthalene

Concen: 45.328 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD050082

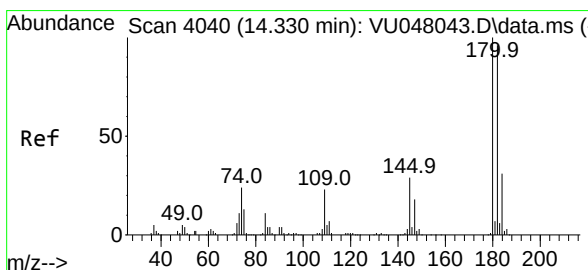
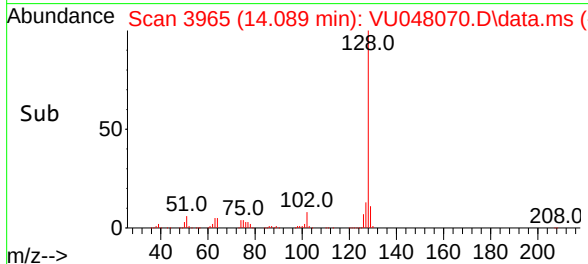
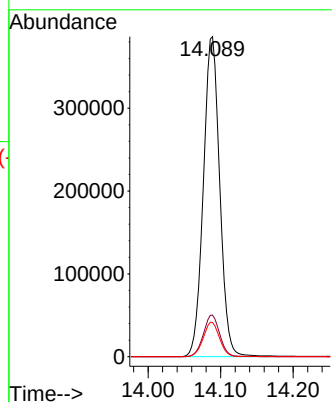
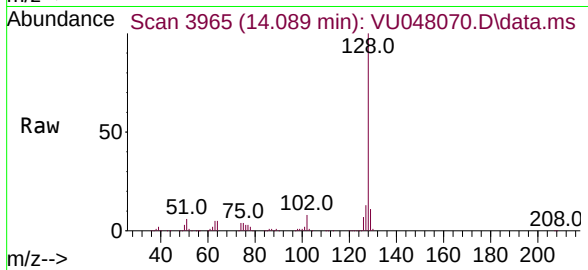
Tgt Ion:128 Resp: 607085

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 48.103 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU048070.D

Acq: 14 Apr 2022 19:50

Tgt Ion:180 Resp: 216623

Ion Ratio Lower Upper

180 100

182 95.1 77.4 116.0

145 28.4 22.8 34.2

