

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
 Data File : VU046568.D
 Acq On : 23 Dec 2021 15:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 24 04:47:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 23 04:25:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	83136	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	82746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	44923	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24278	3.707	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.919	69	20716	4.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.575	65	10003	3.623	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.655	46	108836	57.298	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.600%
24) Chloroform-d	5.070	84	55863	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.707	65	31793	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.732	84	94663	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.694	67	31336	4.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.903	98	84735	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.182	79	14201	4.430	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.639	63	103261	54.865	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36038	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	36530	4.415	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	66935	5.262	ug/L	99
3) Chloromethane	1.523	50	49900	4.555	ug/L	98
5) Vinyl chloride	1.607	62	52627	4.879	ug/L	98
6) Bromomethane	1.864	94	31228	4.810	ug/L	98
8) Chloroethane	1.941	64	29615	4.677	ug/L	94
9) Trichlorofluoromethane	2.144	101	74000	5.245	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	39446	5.492	ug/L	95
12) 1,1-Dichloroethene	2.588	96	36046	4.929	ug/L #	72
13) Acetone	2.691	43	89945	50.507	ug/L	54
14) Carbon disulfide	2.800	76	110532	4.627	ug/L	100
15) Methyl Acetate	2.967	43	15250	4.239	ug/L #	83
16) Methylene chloride	3.054	84	42322	4.756	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	102725	4.815	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	38951	4.993	ug/L	93
19) 1,1-Dichloroethane	3.877	63	68974	4.799	ug/L	99
21) 2-Butanone	4.732	43	141094	52.221	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	41524	4.869	ug/L	100
23) Bromochloromethane	4.980	128	20162	4.750	ug/L	91
25) Chloroform	5.096	83	74218	4.780	ug/L	99

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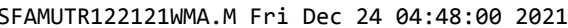
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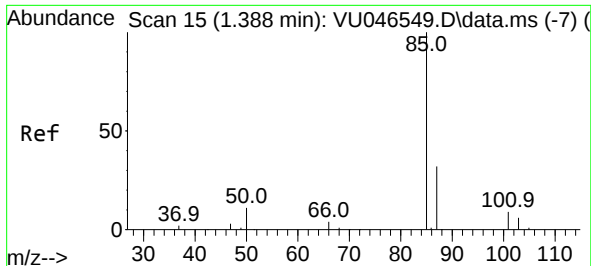
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	52420	4.729	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	67351	4.922	ug/L	98
30) Cyclohexane	5.395	56	59181	5.229	ug/L	96
31) Carbon tetrachloride	5.530	117	58105	5.061	ug/L	100
33) Benzene	5.777	78	157035	4.777	ug/L	100
34) Trichloroethene	6.546	95	41388	4.775	ug/L	98
35) Methylcyclohexane	6.768	83	66752	5.463	ug/L	96
37) 1,2-Dichloropropane	6.793	63	39782	4.744	ug/L	99
38) Bromodichloromethane	7.108	83	54688	4.711	ug/L #	97
39) cis-1,3-Dichloropropene	7.610	75	61479	4.843	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	305951	48.600	ug/L	96
42) Toluene	7.973	91	169696	5.029	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	57134	4.857	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	34245	4.735	ug/L	97
47) Tetrachloroethene	8.555	164	31465	5.131	ug/L	93
48) 2-Hexanone	8.690	43	236340	50.270	ug/L	97
49) Dibromochloromethane	8.812	129	40525	4.858	ug/L	98
50) 1,2-Dibromoethane	8.928	107	33783	4.839	ug/L	98
51) Chlorobenzene	9.449	112	108184	5.015	ug/L	97
52) Ethylbenzene	9.575	91	180427	5.165	ug/L	98
53) m,p-Xylene	9.697	106	71984	5.379	ug/L	95
54) o-Xylene	10.105	106	69125	5.376	ug/L	96
55) Styrene	10.118	104	119672	5.366	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	45387	4.802	ug/L	98
59) Bromoform	10.295	173	24453	4.712	ug/L	98
60) Isopropylbenzene	10.488	105	185294	5.348	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	34383	4.608	ug/L	96
62) 1,3,5-Trimethylbenzene	11.092	105	153460	5.326	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	157690	5.435	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	86974	5.164	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	87592	5.081	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	84987	5.031	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	8052	4.662	ug/L	84
69) 1,3,5-Trichlorobenzene	13.221	180	67531	5.298	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	55917	5.180	ug/L	98
71) Naphthalene	14.089	128	123991	5.172	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	56879	5.322	ug/L	98

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

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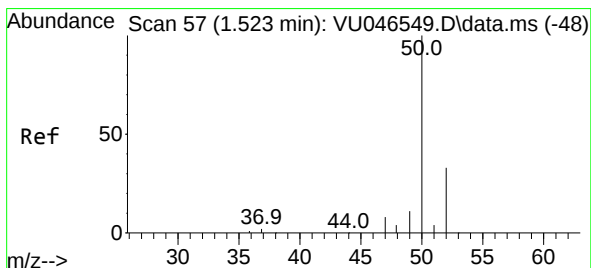
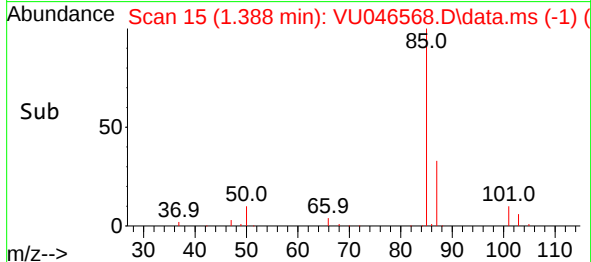
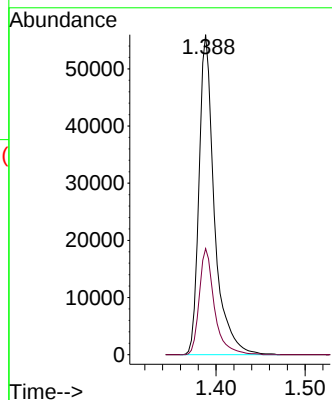
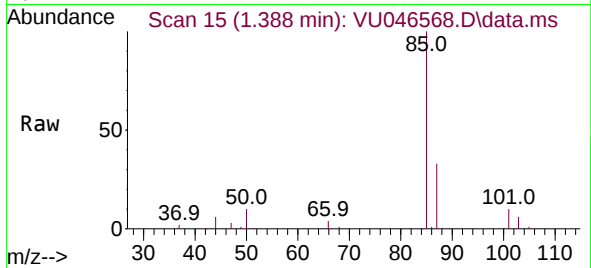




#2
 Dichlorodifluoromethane
 Concen: 5.262 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VU046568.D
 Acq: 23 Dec 2021 15:19

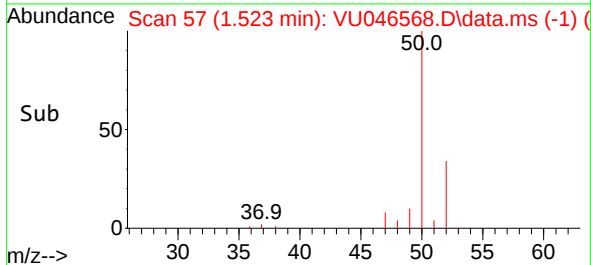
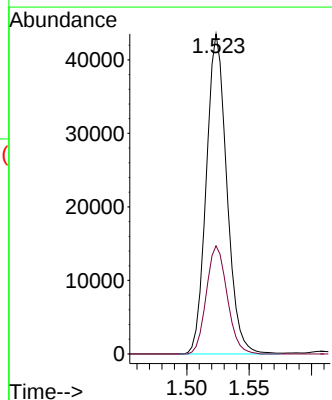
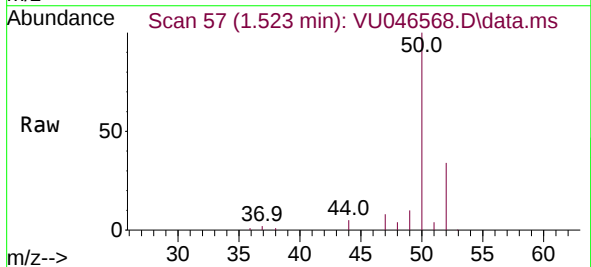
Instrument :
 MSVOA_U
 ClientSampleId :

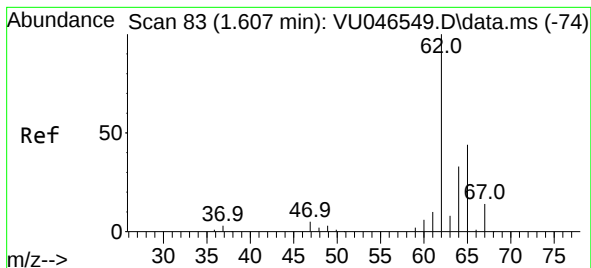
Tgt Ion: 85 Resp: 66935
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6



#3
 Chloromethane
 Concen: 4.555 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU046568.D
 Acq: 23 Dec 2021 15:19

Tgt Ion: 50 Resp: 49900
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.0 42.8





#5

Vinyl chloride

Concen: 4.879 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

Instrument :

MSVOA_U

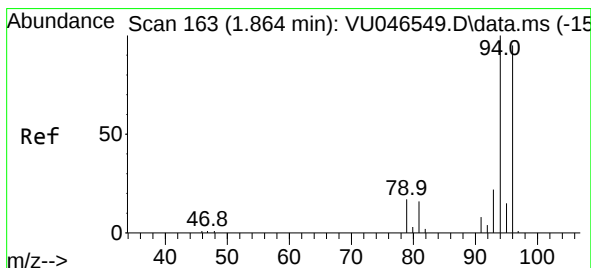
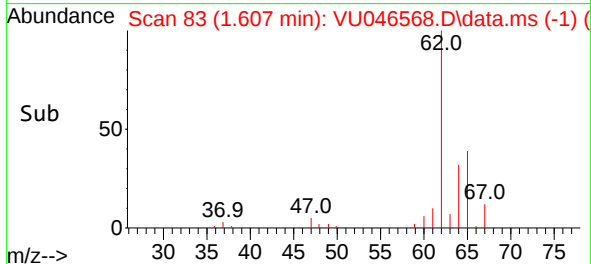
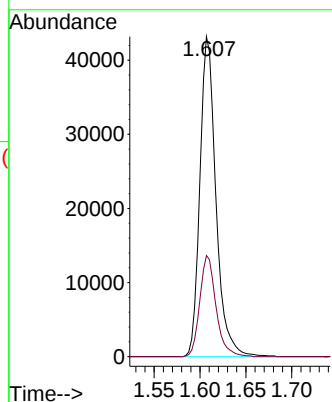
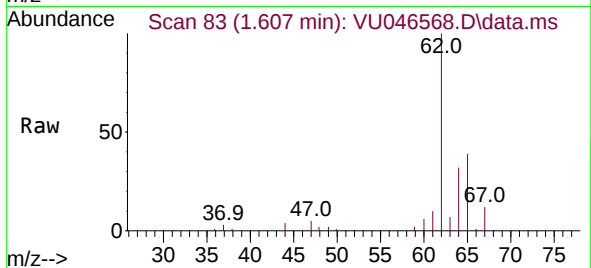
ClientSampleId :

Tgt Ion: 62 Resp: 52627

Ion Ratio Lower Upper

62 100

64 31.6 22.9 42.5



#6

Bromomethane

Concen: 4.810 ug/L

RT: 1.864 min Scan# 163

Delta R.T. 0.000 min

Lab File: VU046568.D

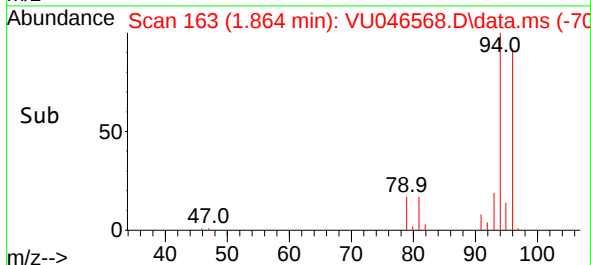
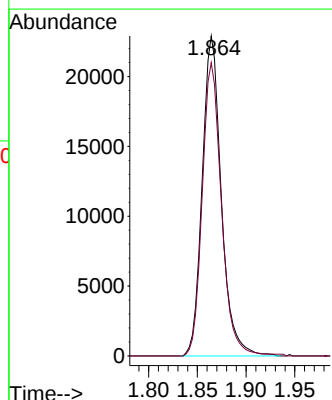
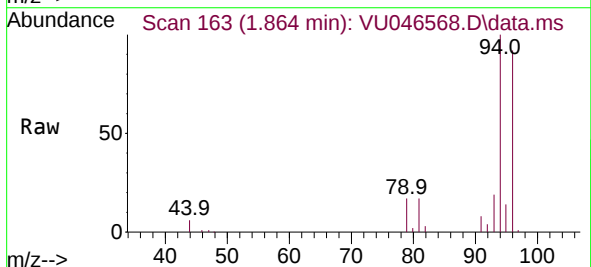
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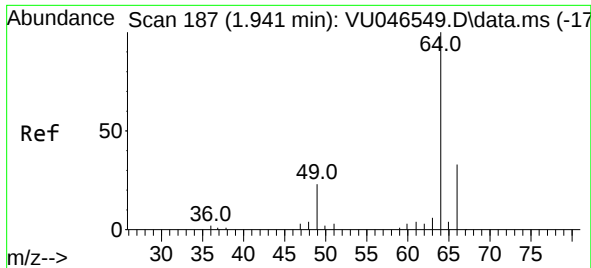
Tgt Ion: 94 Resp: 31228

Ion Ratio Lower Upper

94 100

96 91.7 65.5 121.6

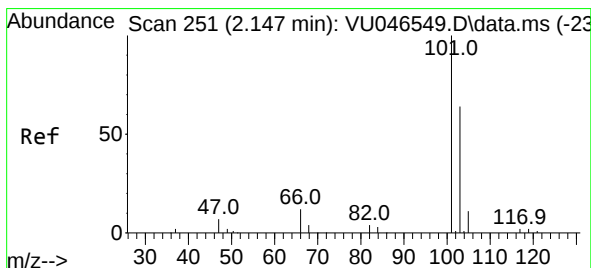
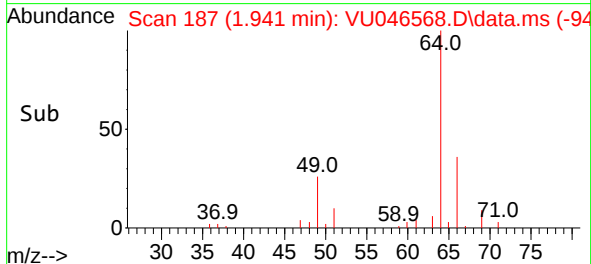
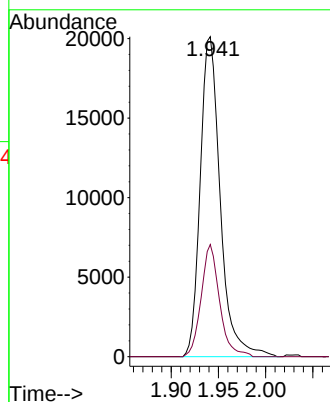
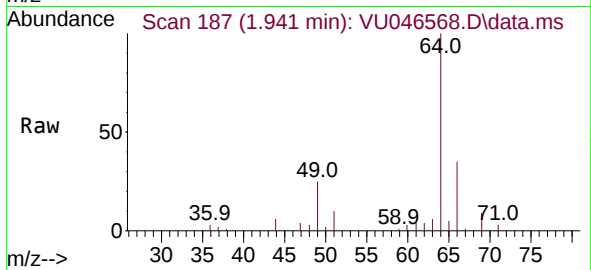




#8
Chloroethane
Concen: 4.677 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

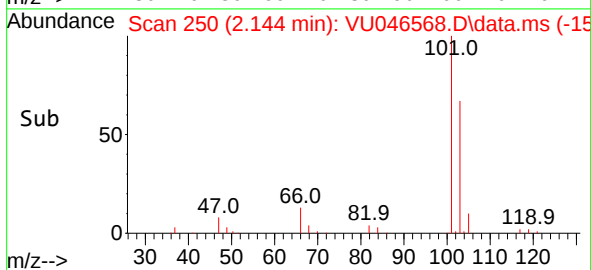
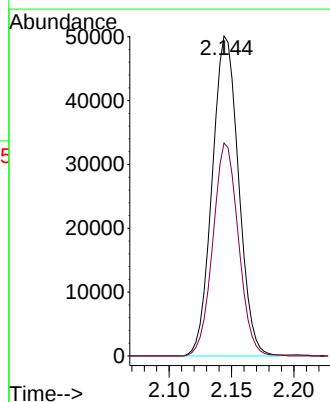
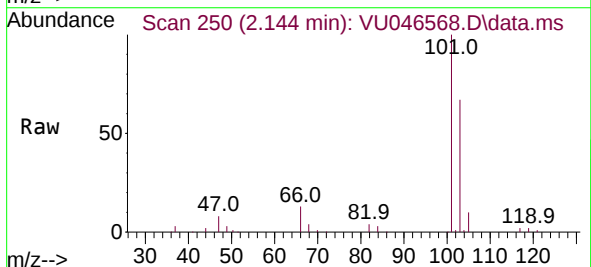
Instrument :
MSVOA_U
ClientSampleId :

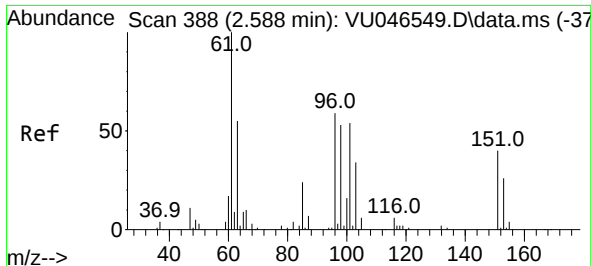
Tgt Ion: 64 Resp: 29615
Ion Ratio Lower Upper
64 100
66 35.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.245 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Tgt Ion:101 Resp: 74000
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

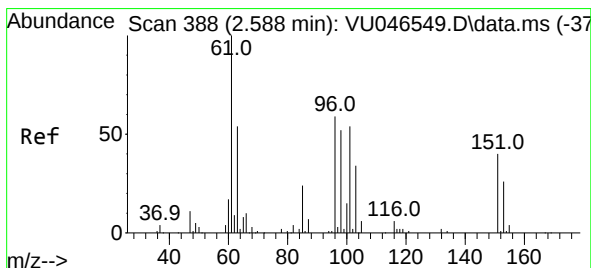
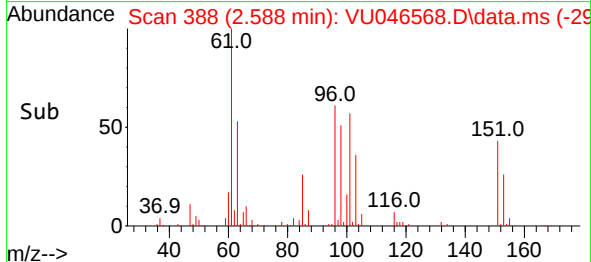
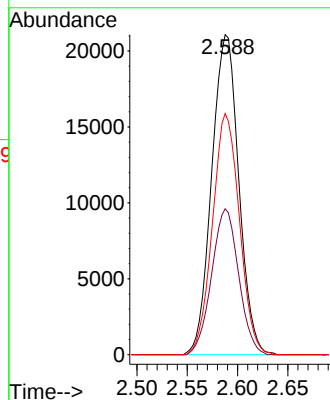
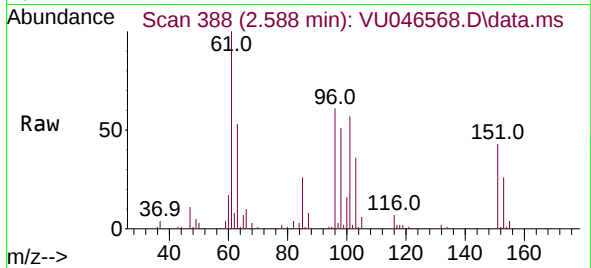




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.492 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046568.D
 Acq: 23 Dec 2021 15:19

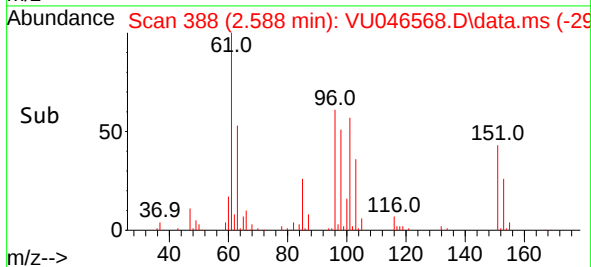
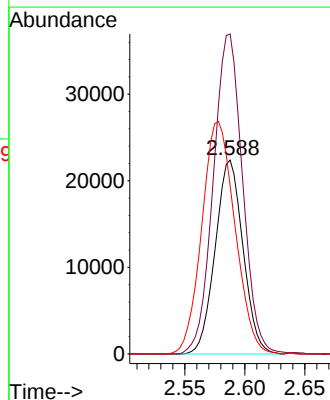
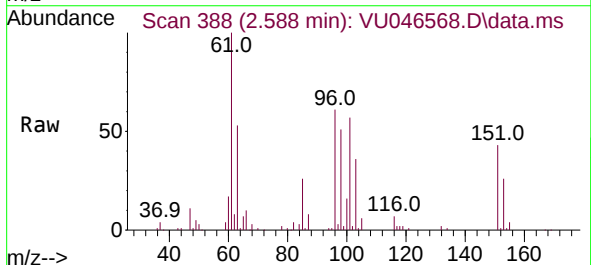
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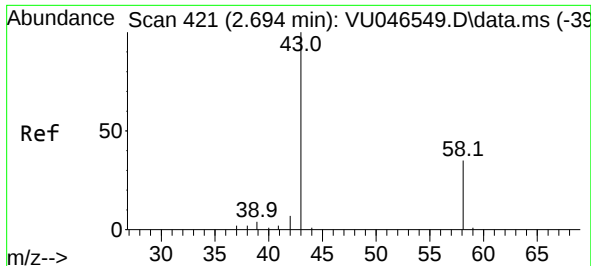
Tgt Ion: 101 Resp: 39446
 Ion Ratio Lower Upper
 101 100
 85 45.5 34.6 51.8
 151 75.0 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.929 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046568.D
 Acq: 23 Dec 2021 15:19

Tgt Ion: 96 Resp: 36046
 Ion Ratio Lower Upper
 96 100
 61 165.0 124.7 231.5
 63 86.8 105.2 195.4#





#13

Acetone

Concen: 50.507 ug/L

RT: 2.691 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

Instrument :

MSVOA_U

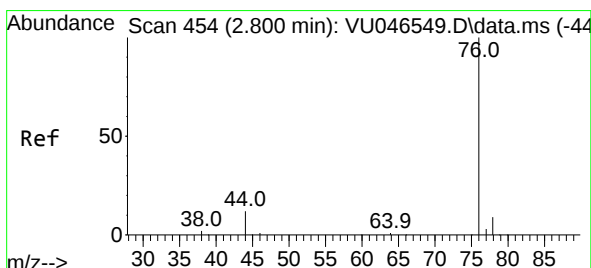
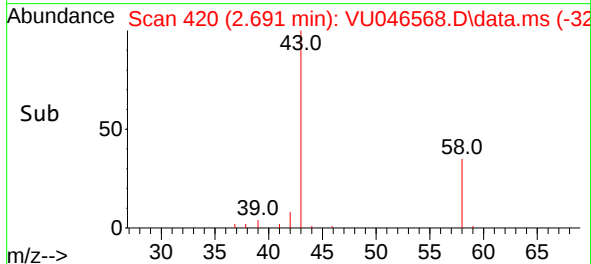
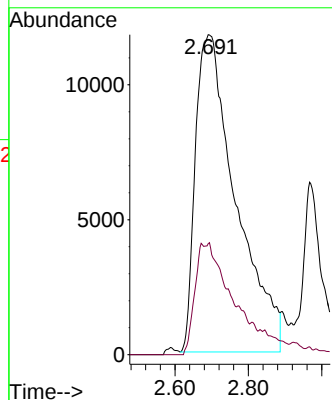
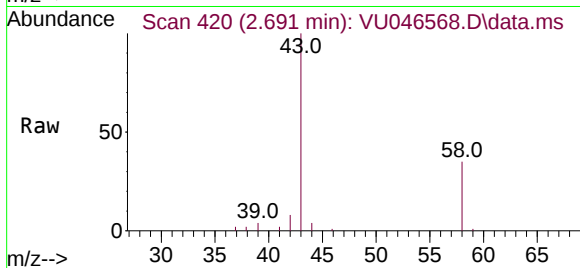
ClientSampleId :

Tgt Ion: 43 Resp: 89945

Ion Ratio Lower Upper

43 100

58 8.8 0.0 71.6



#14

Carbon disulfide

Concen: 4.627 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046568.D

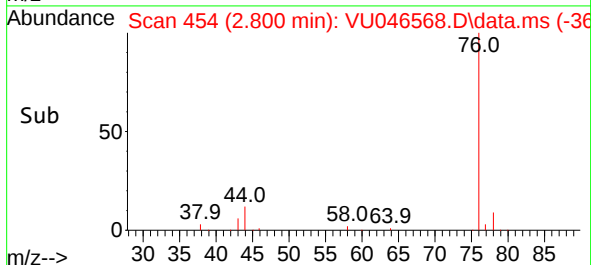
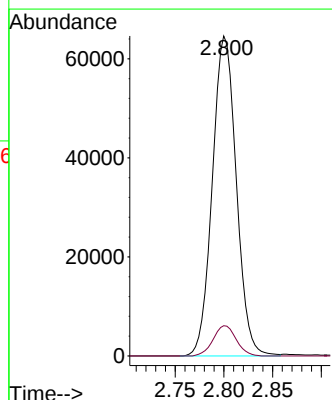
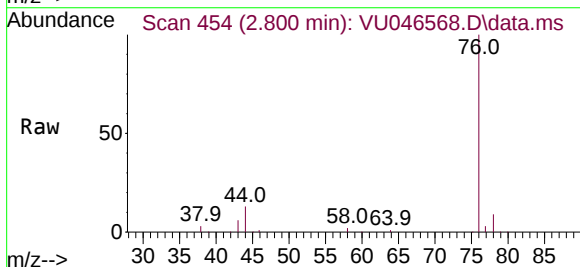
Acq: 23 Dec 2021 15:19

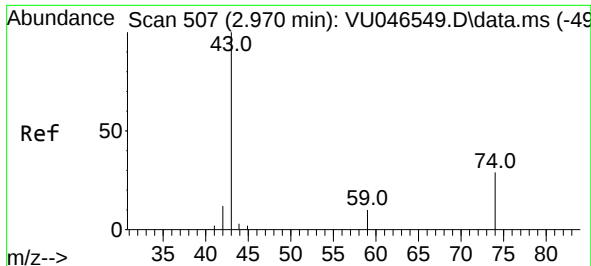
Tgt Ion: 76 Resp: 110532

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

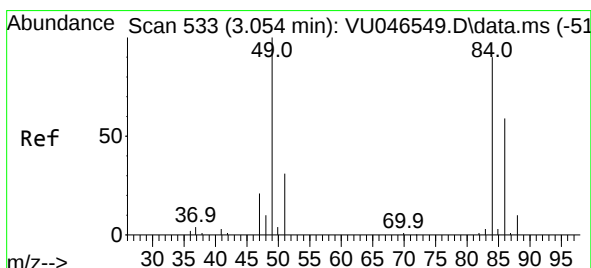
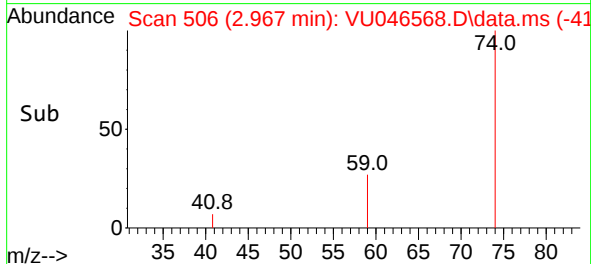
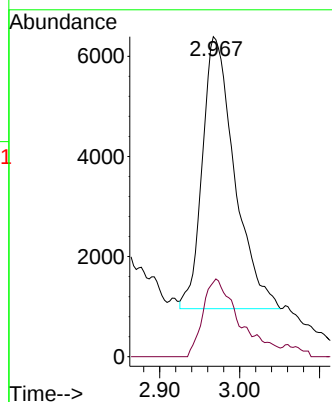
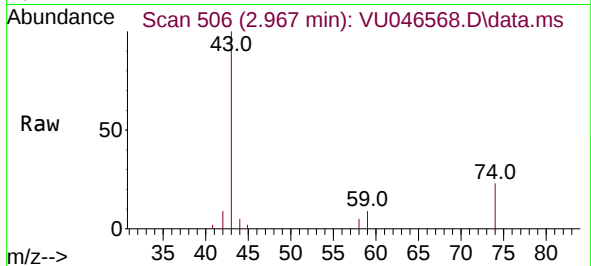




#15
Methyl Acetate
Concen: 4.239 ug/L
RT: 2.967 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

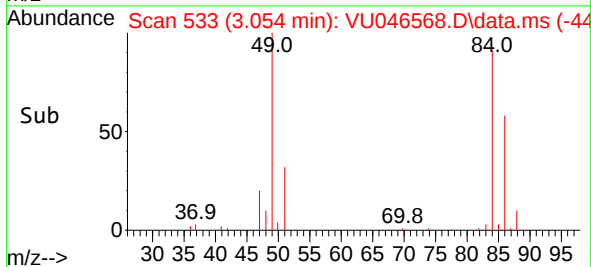
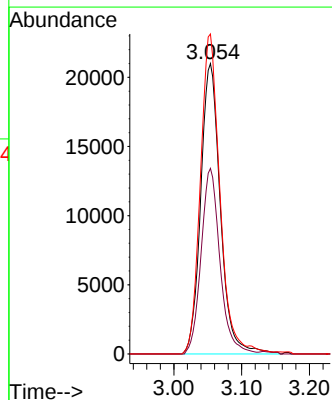
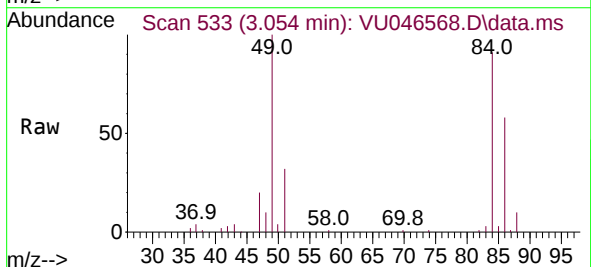
Instrument :
MSVOA_U
ClientSampleId :

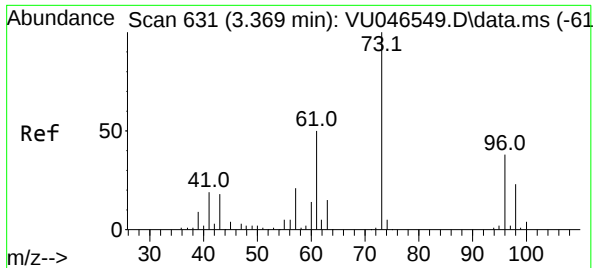
Tgt Ion: 43 Resp: 15250
Ion Ratio Lower Upper
43 100
74 32.4 19.1 28.7#



#16
Methylene chloride
Concen: 4.756 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Tgt Ion: 84 Resp: 42322
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.0
49 110.2 84.5 156.9

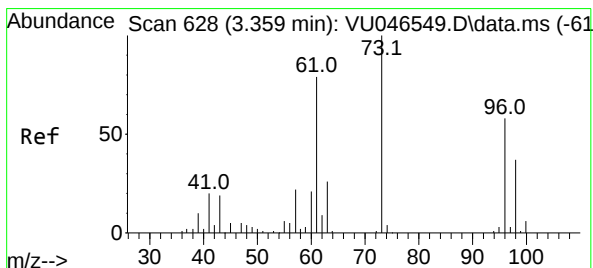
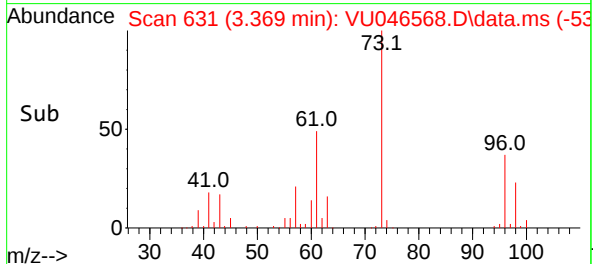
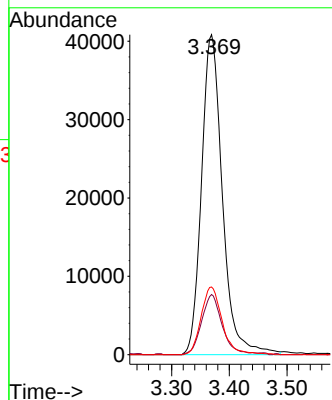
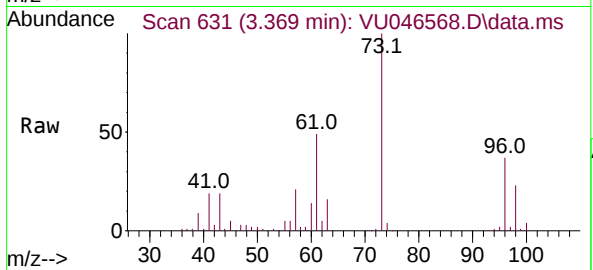




#17
Methyl tert-butyl Ether
Concen: 4.815 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

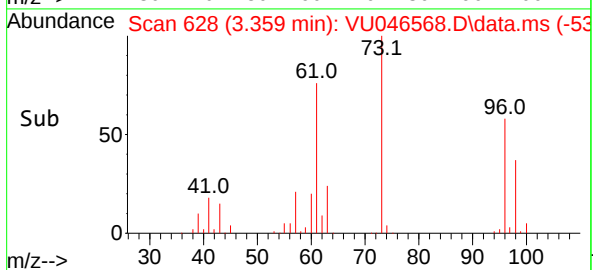
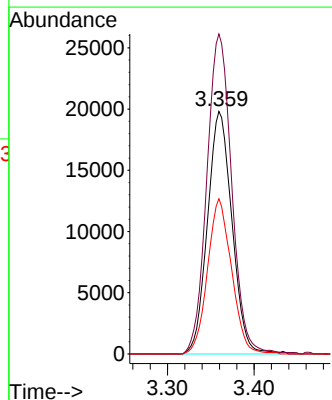
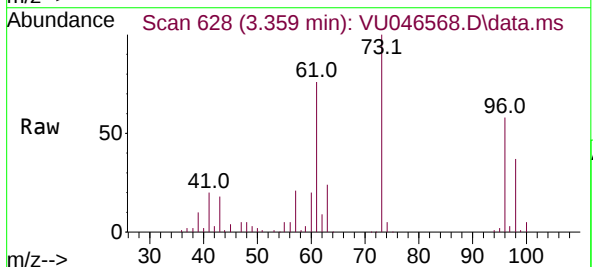
Instrument :
MSVOA_U
ClientSampleId :

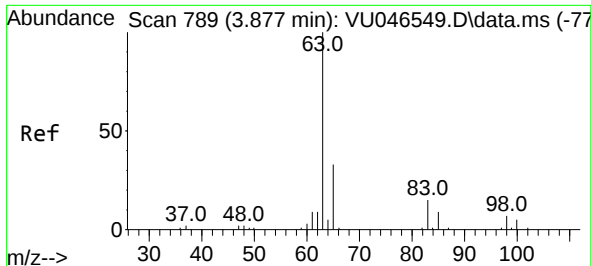
Tgt Ion: 73 Resp: 102725
Ion Ratio Lower Upper
73 100
43 18.4 14.8 22.2
57 21.3 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.993 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Tgt Ion: 96 Resp: 38951
Ion Ratio Lower Upper
96 100
61 131.9 100.8 187.2
98 64.0 45.1 83.7

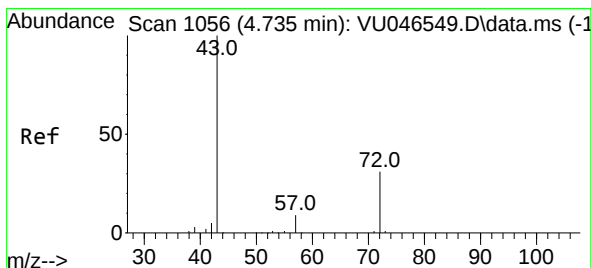
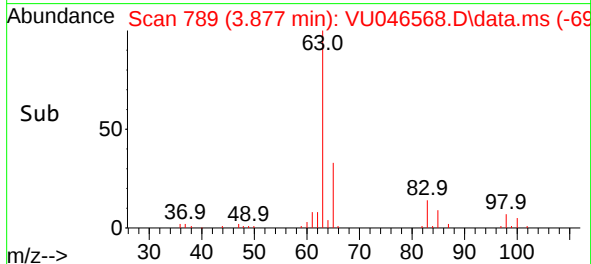
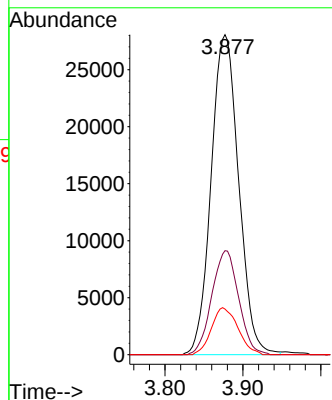
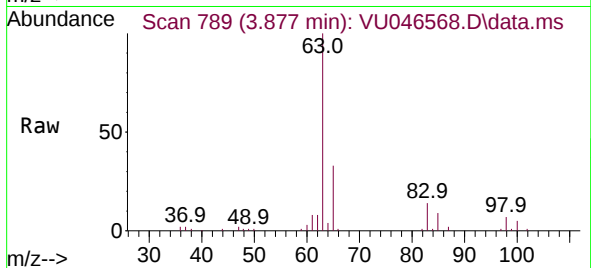




#19
1,1-Dichloroethane
Concen: 4.799 ug/L
RT: 3.877 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

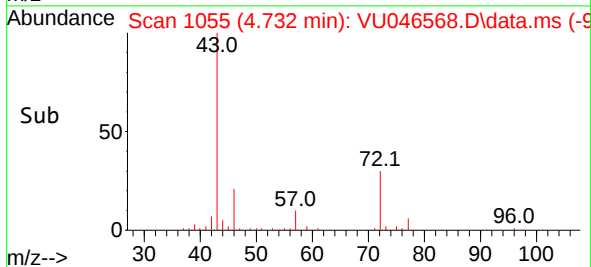
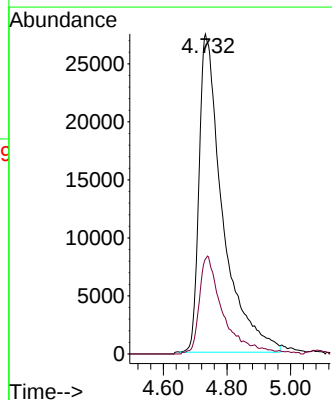
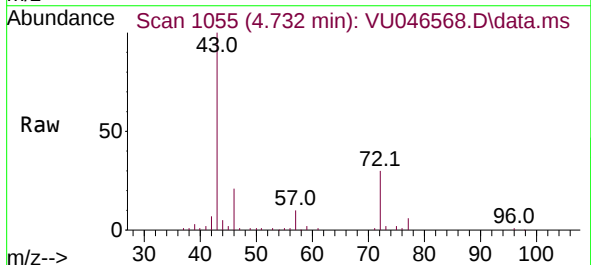
Instrument :
MSVOA_U
ClientSampleId :

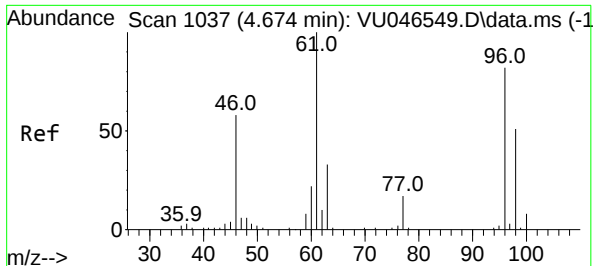
Tgt Ion: 63 Resp: 68974
Ion Ratio Lower Upper
63 100
65 32.5 22.3 41.5
83 14.2 9.6 17.8



#21
2-Butanone
Concen: 52.221 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. -0.003 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Tgt Ion: 43 Resp: 141094
Ion Ratio Lower Upper
43 100
72 28.0 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 4.869 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

Instrument :

MSVOA_U

ClientSampleId :

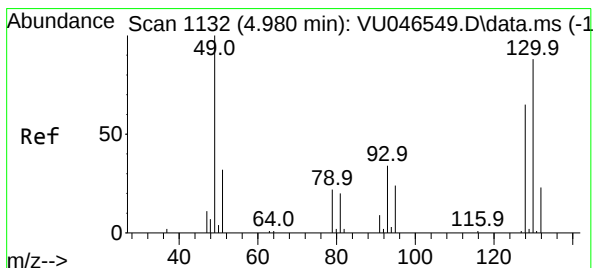
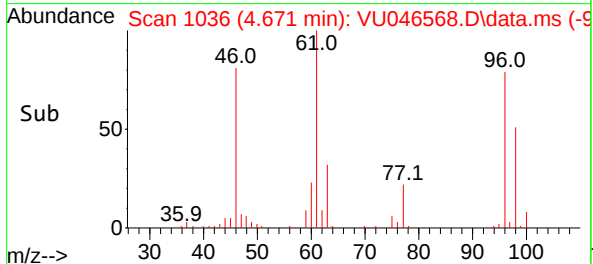
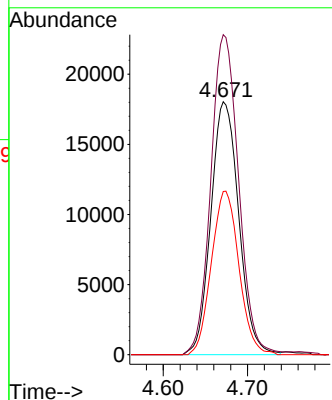
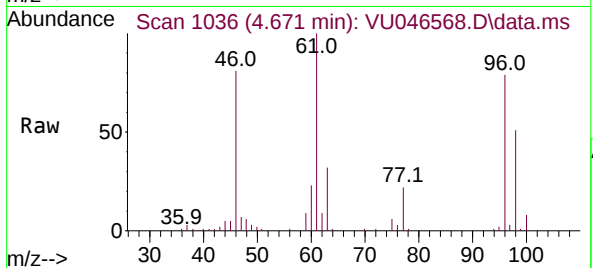
Tgt Ion: 96 Resp: 41524

Ion Ratio Lower Upper

96 100

61 126.5 88.5 164.3

98 64.5 44.4 82.5



#23

Bromochloromethane

Concen: 4.750 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

Tgt Ion: 128 Resp: 20162

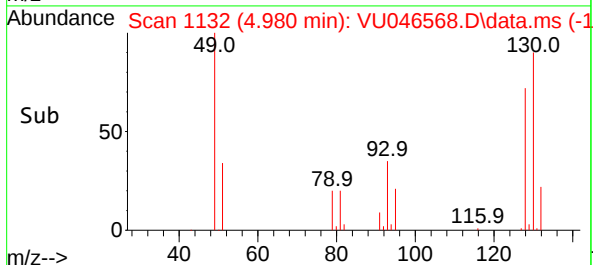
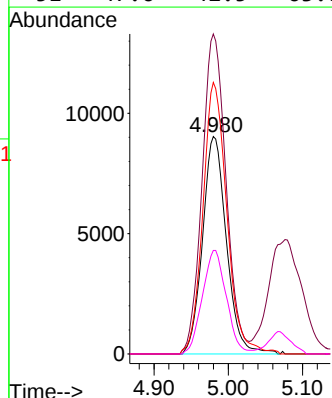
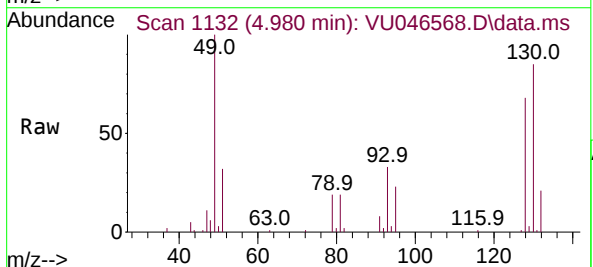
Ion Ratio Lower Upper

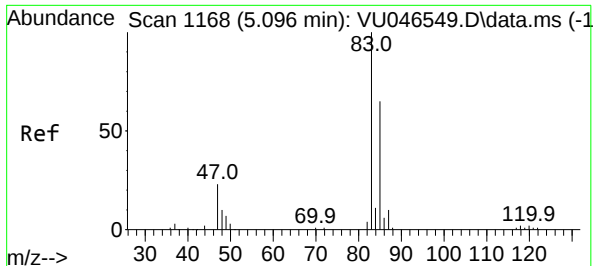
128 100

49 147.2 117.0 217.2

130 124.9 88.2 163.8

51 47.6 42.5 63.7





#25

Chloroform

Concen: 4.780 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

Instrument :

MSVOA_U

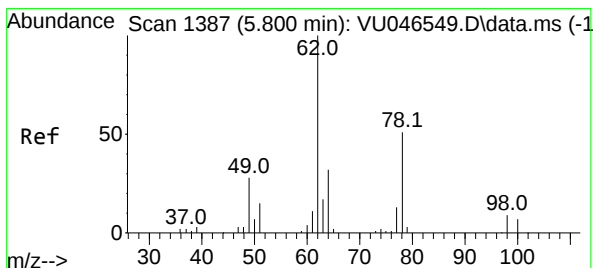
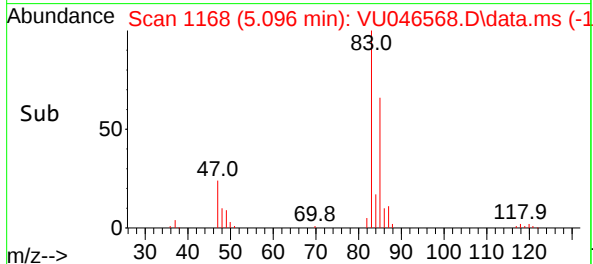
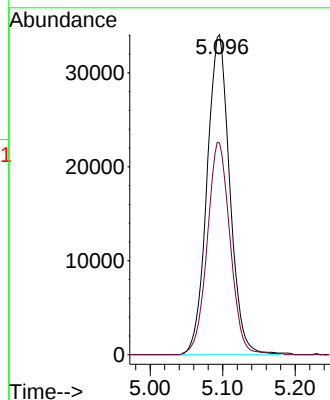
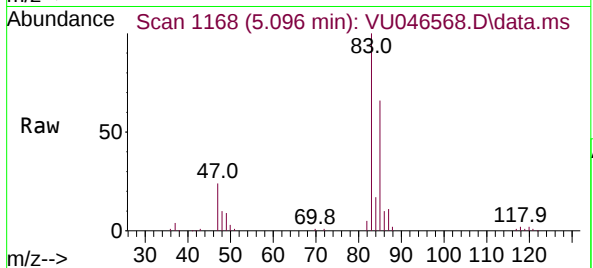
ClientSampleId :

Tgt Ion: 83 Resp: 74218

Ion Ratio Lower Upper

83 100

85 66.1 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.729 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU046568.D

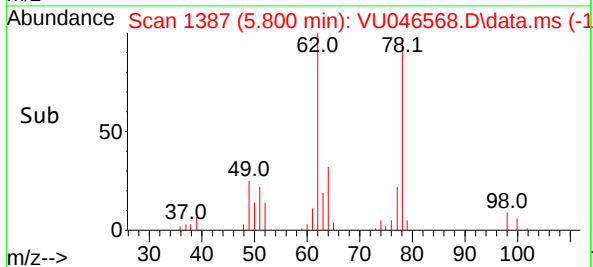
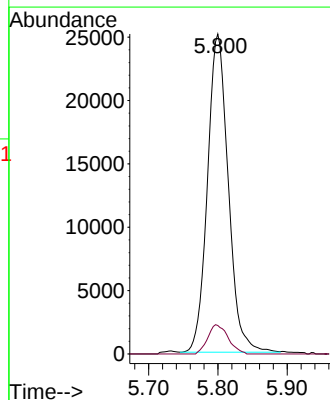
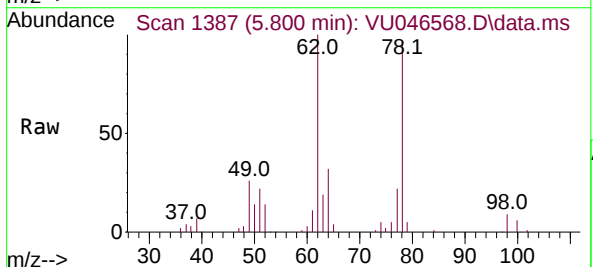
Acq: 23 Dec 2021 15:19

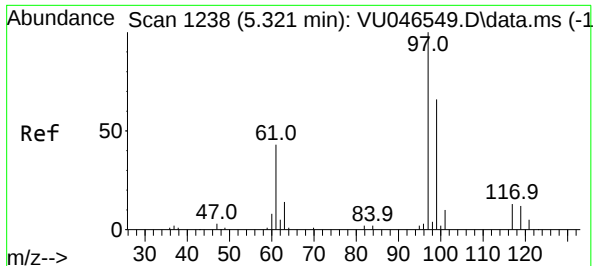
Tgt Ion: 62 Resp: 52420

Ion Ratio Lower Upper

62 100

98 8.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.922 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

Instrument :

MSVOA_U

ClientSampleId :

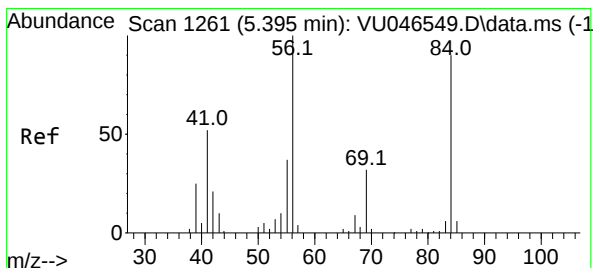
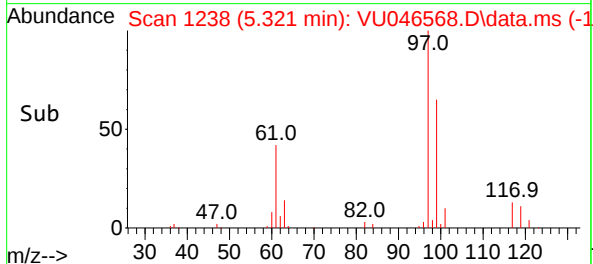
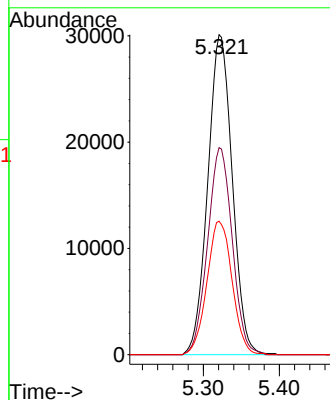
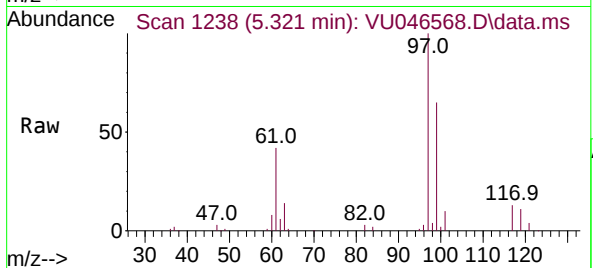
Tgt Ion: 97 Resp: 67351

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 42.9 36.1 54.1



#30

Cyclohexane

Concen: 5.229 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

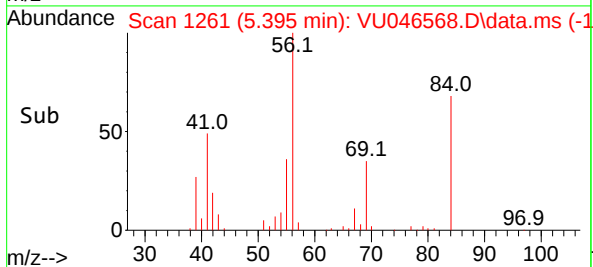
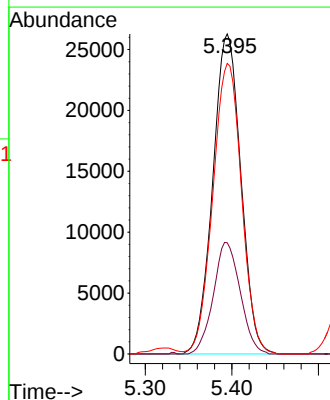
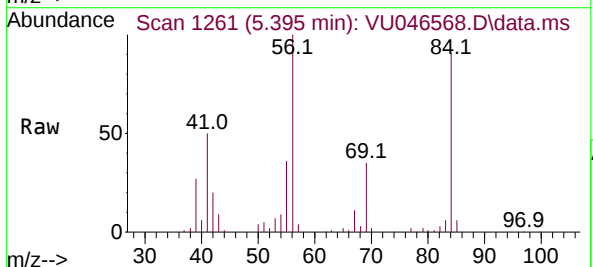
Tgt Ion: 56 Resp: 59181

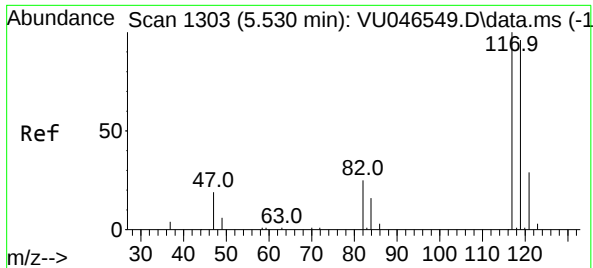
Ion Ratio Lower Upper

56 100

69 33.4 24.7 37.1

84 92.8 71.8 107.6

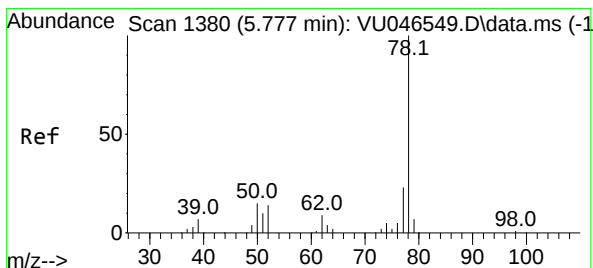
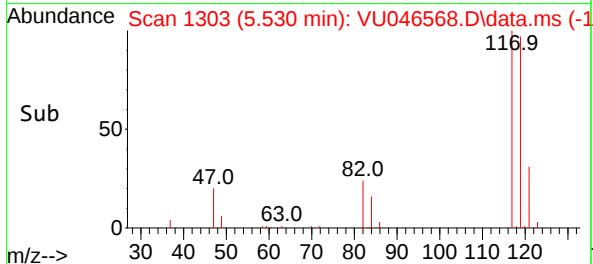
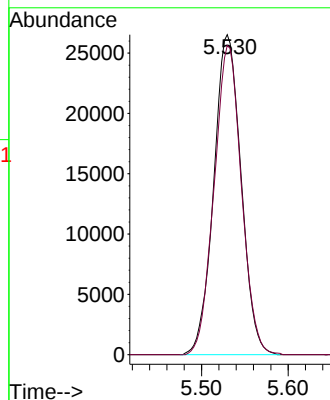
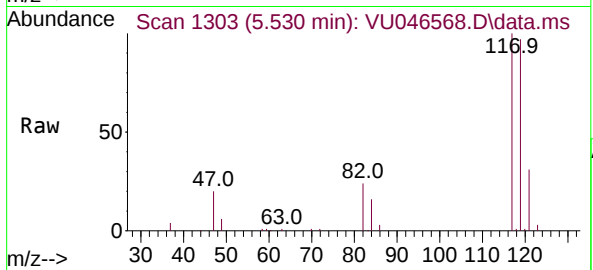




#31
Carbon tetrachloride
Concen: 5.061 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

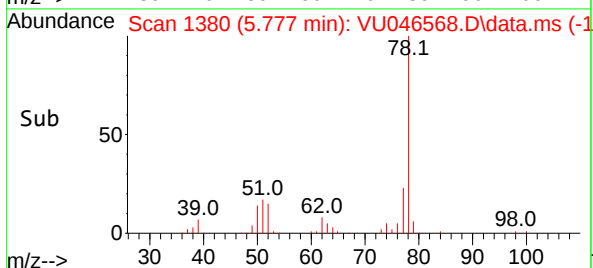
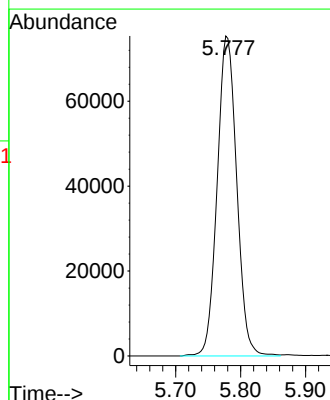
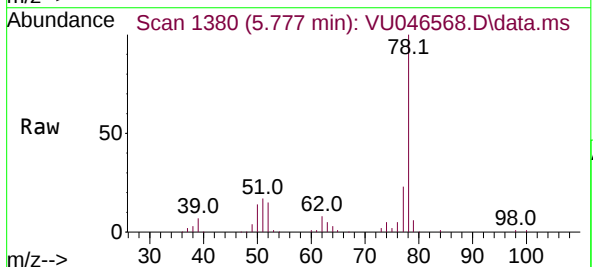
Instrument :
MSVOA_U
ClientSampleId :

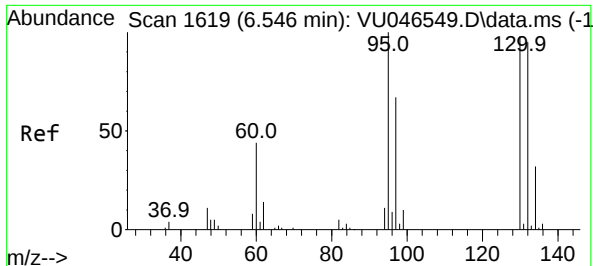
Tgt Ion:117 Resp: 58105
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3



#33
Benzene
Concen: 4.777 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

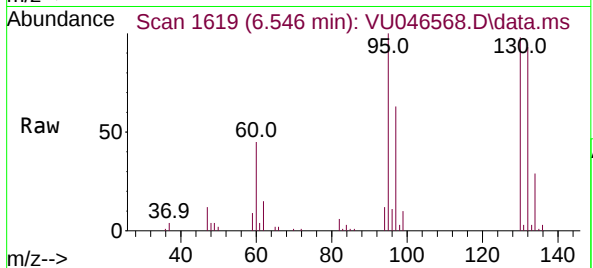
Tgt Ion: 78 Resp: 157035





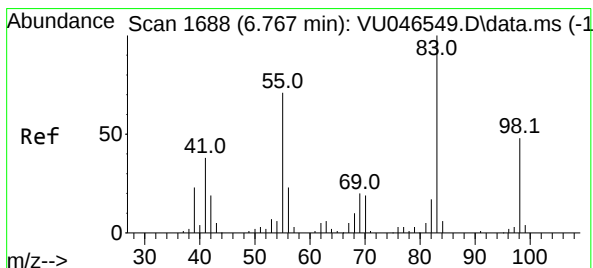
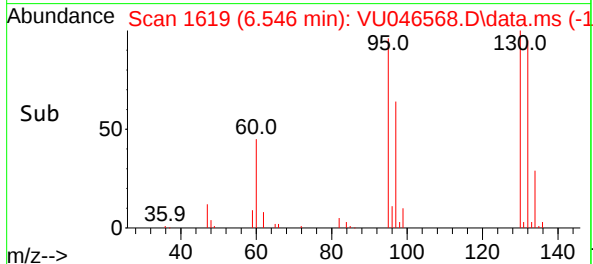
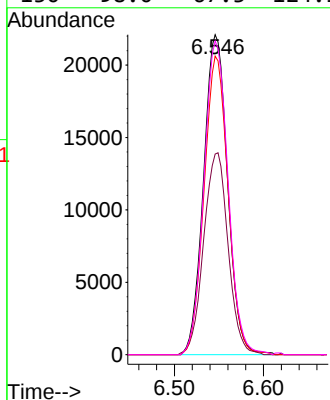
#34
Trichloroethene
Concen: 4.775 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 41388

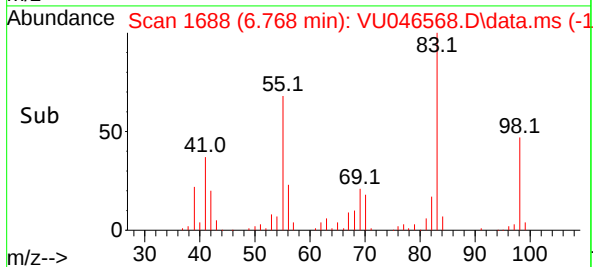
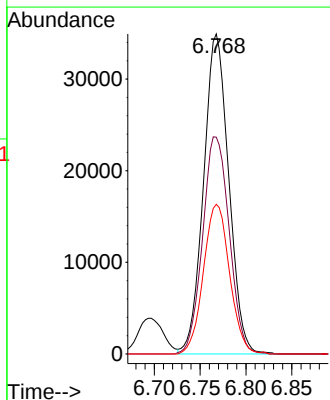
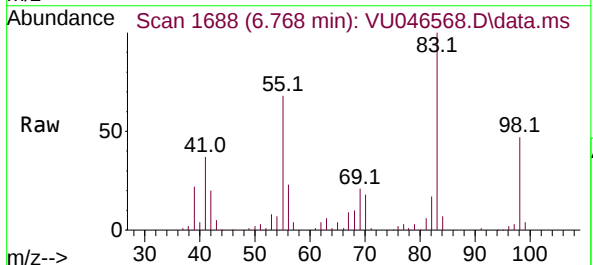
Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.5	86.5
132	93.3	65.1	120.9
130	98.0	67.3	124.9

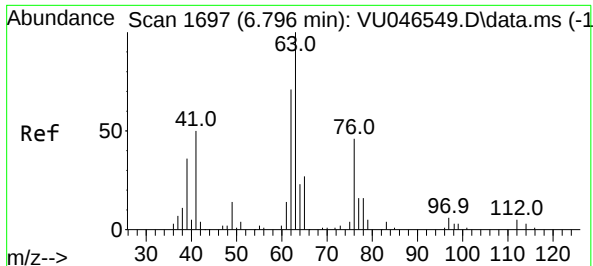


#35
Methylcyclohexane
Concen: 5.463 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Tgt Ion: 83 Resp: 66752

Ion	Ratio	Lower	Upper
83	100		
55	71.7	61.9	92.9
98	48.6	39.0	58.6





#37

1,2-Dichloropropane

Concen: 4.744 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

Instrument :

MSVOA_U

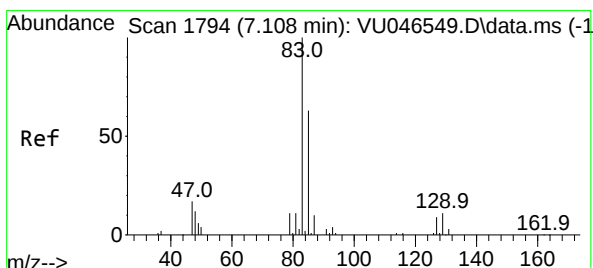
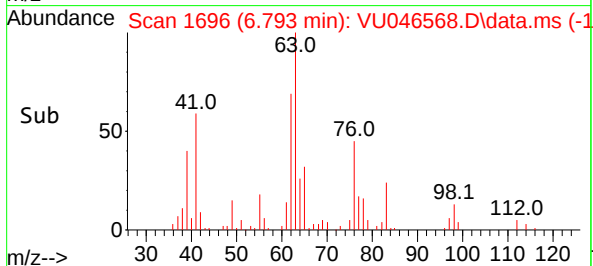
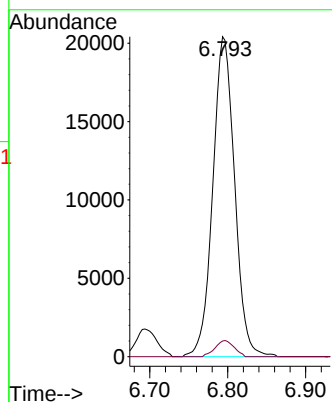
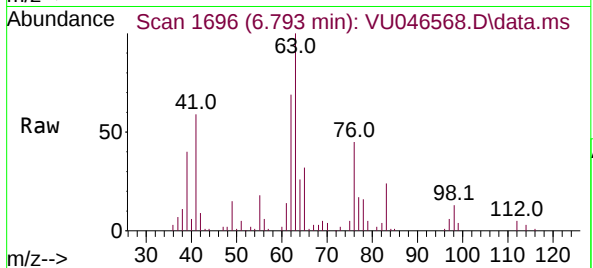
ClientSampleId :

Tgt Ion: 63 Resp: 39782

Ion Ratio Lower Upper

63 100

112 4.4 3.2 4.8



#38

Bromodichloromethane

Concen: 4.711 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

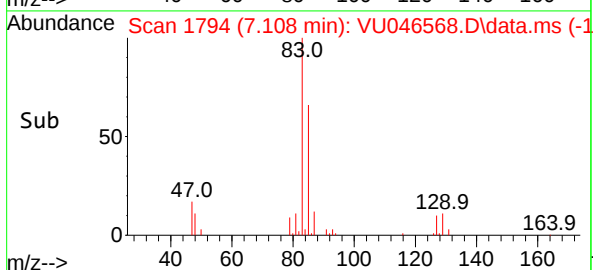
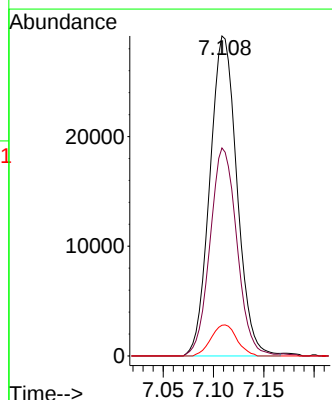
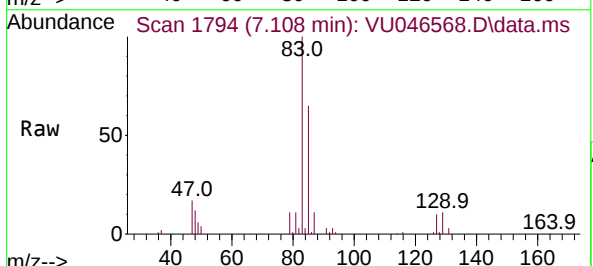
Tgt Ion: 83 Resp: 54688

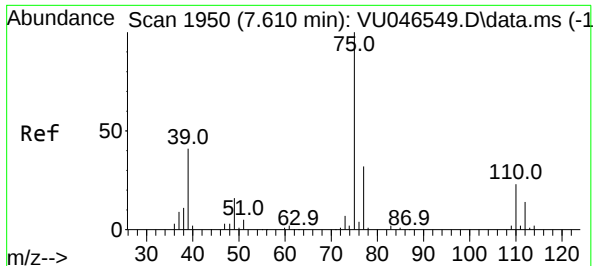
Ion Ratio Lower Upper

83 100

85 65.0 44.0 81.8

127 9.6 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 4.843 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

Instrument :

MSVOA_U

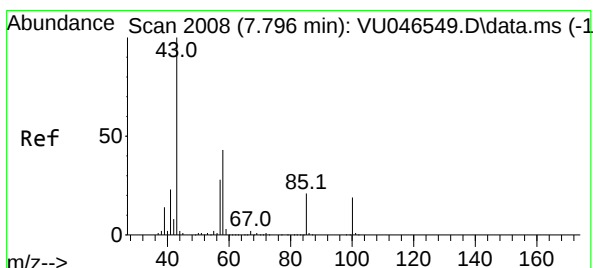
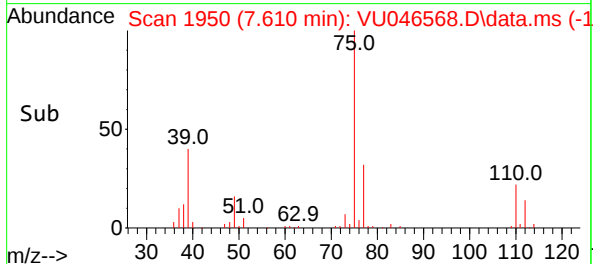
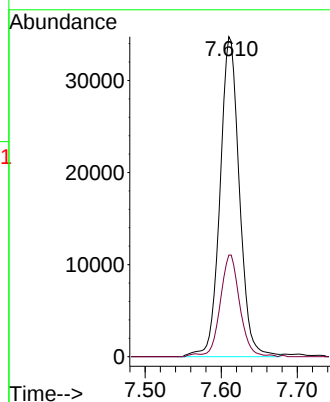
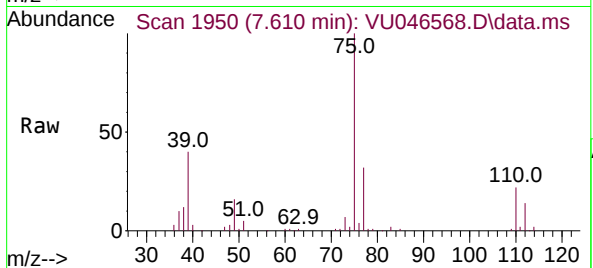
ClientSampleId :

Tgt Ion: 75 Resp: 61479

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 48.600 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

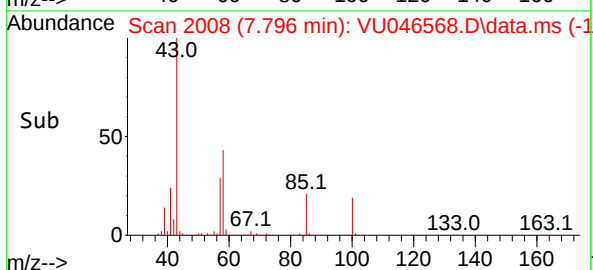
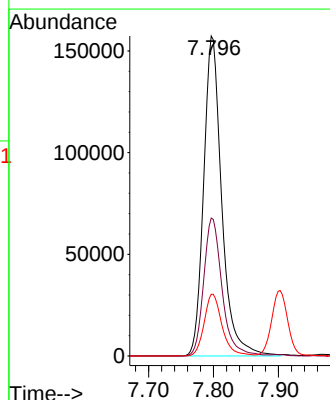
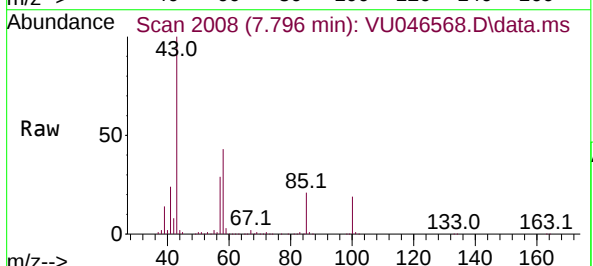
Tgt Ion: 43 Resp: 305951

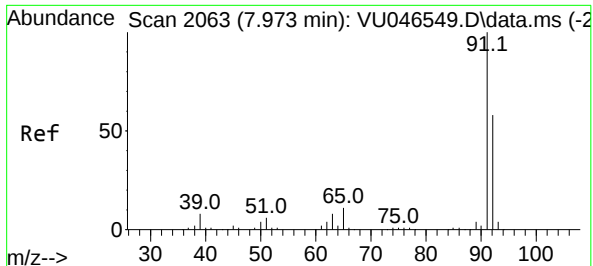
Ion Ratio Lower Upper

43 100

58 43.7 33.1 49.7

100 19.1 13.2 19.8

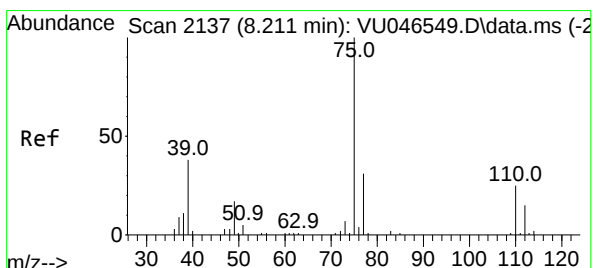
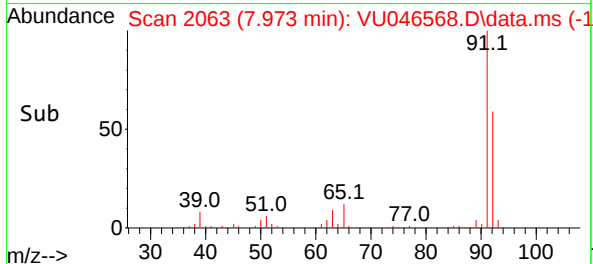
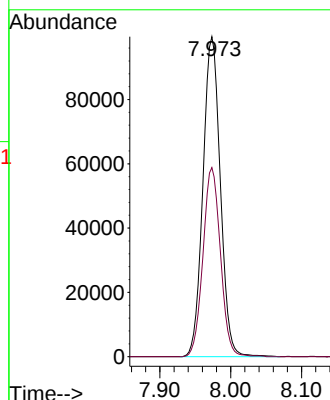
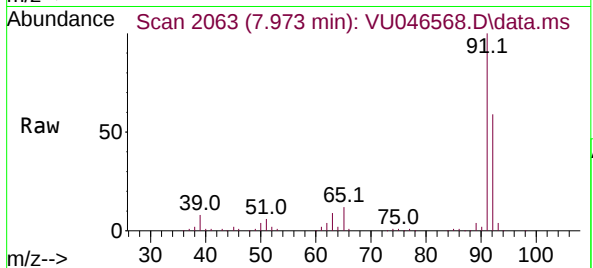




#42
Toluene
Concen: 5.029 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

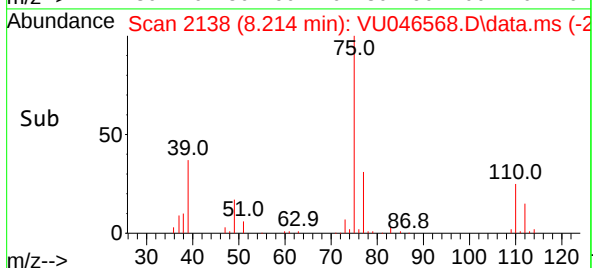
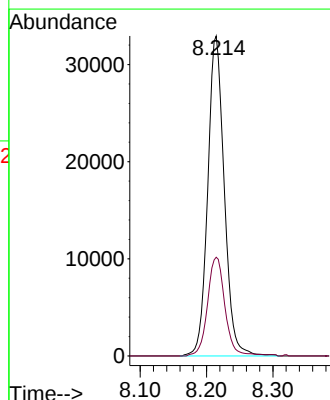
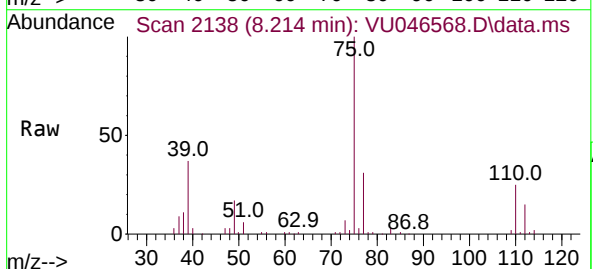
Instrument :
MSVOA_U
ClientSampleId :

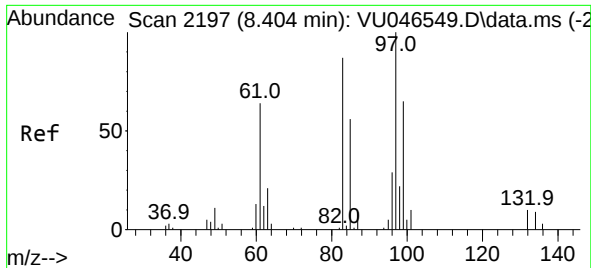
Tgt Ion: 91 Resp: 169696
Ion Ratio Lower Upper
91 100
92 59.1 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 4.857 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Tgt Ion: 75 Resp: 57134
Ion Ratio Lower Upper
75 100
77 30.9 22.7 42.3

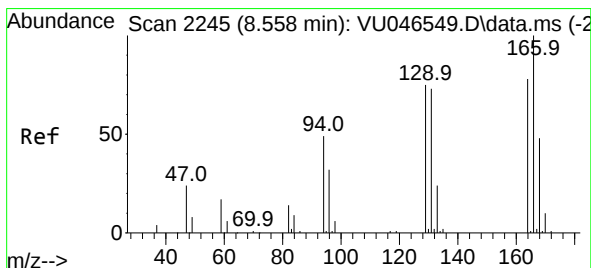
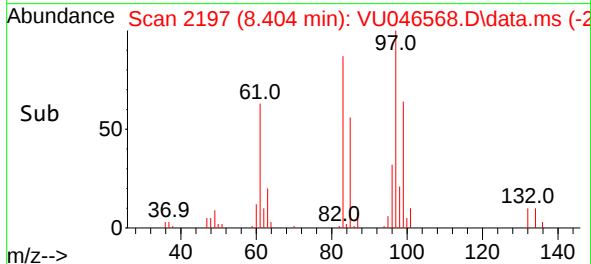
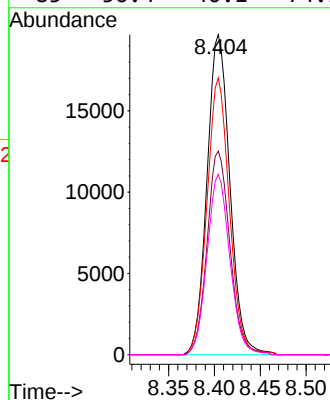
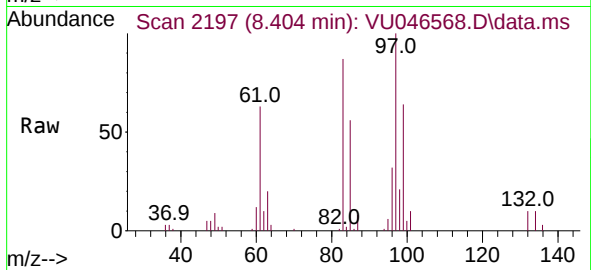




#45
1,1,2-Trichloroethane
Concen: 4.735 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

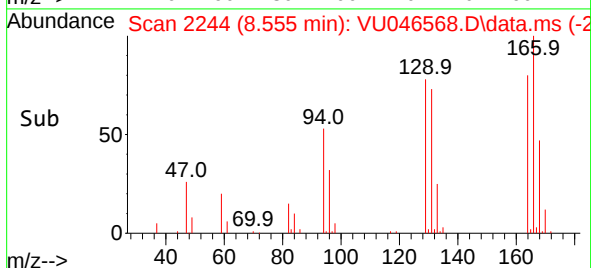
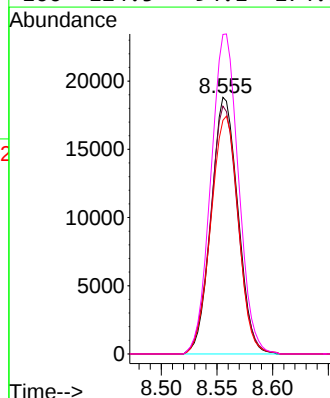
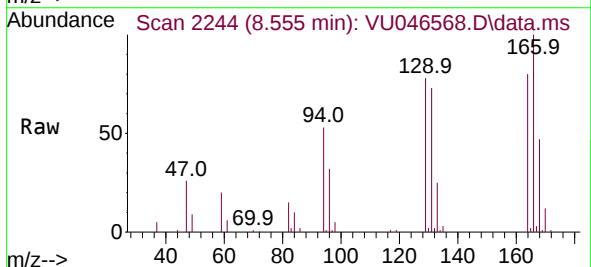
Instrument :
MSVOA_U
ClientSampleId :

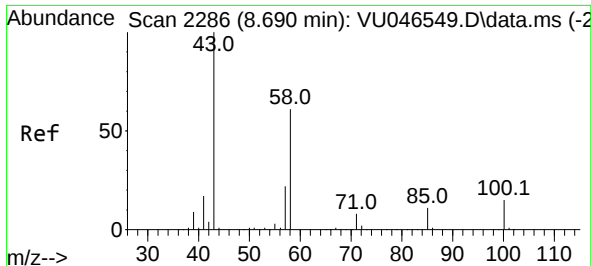
Tgt Ion: 97	Resp: 34245
Ion Ratio	Lower Upper
97 100	
99 63.6	42.3 78.5
83 86.5	62.0 115.2
85 56.4	40.1 74.5



#47
Tetrachloroethene
Concen: 5.131 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Tgt	Ion:164	Resp:	31465
Ion	Ratio	Lower	Upper
164	100		
129	96.6	71.8	133.4
131	91.1	68.5	127.3
166	124.5	94.1	174.8

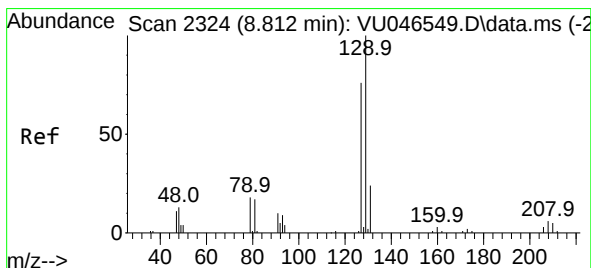
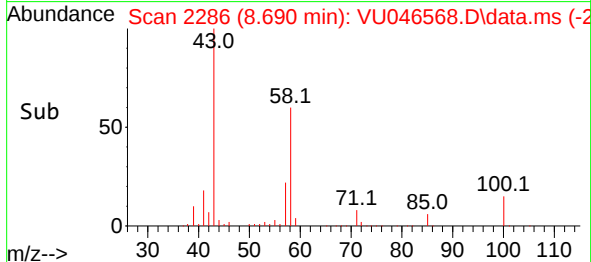
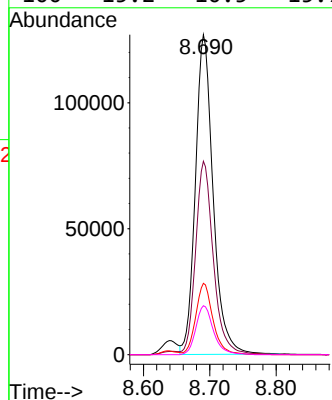
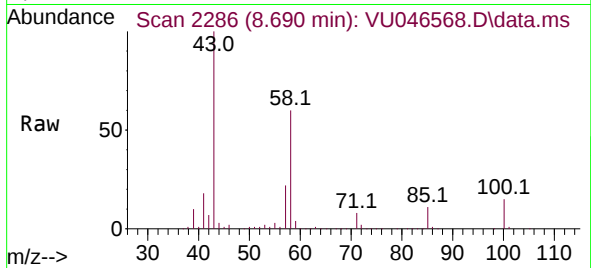




#48
2-Hexanone
Concen: 50.270 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

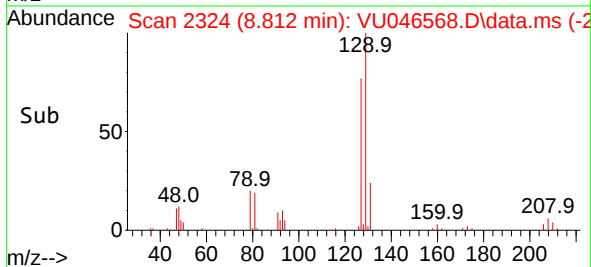
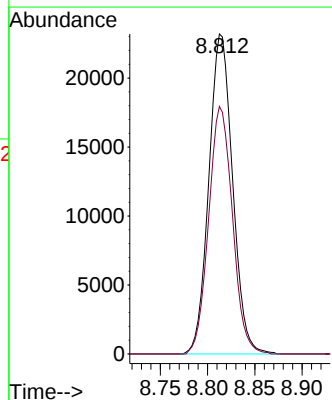
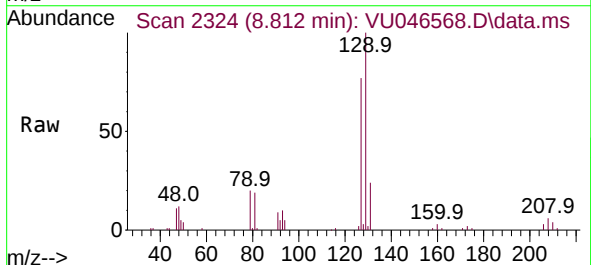
Instrument :
MSVOA_U
ClientSampleId :

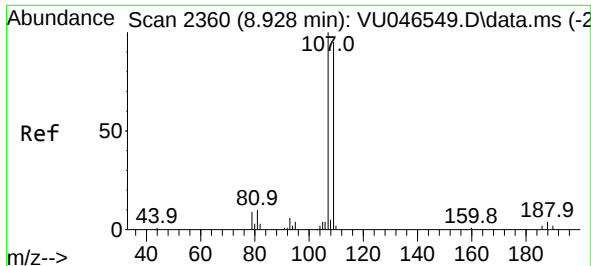
Tgt Ion: 43 Resp: 236340
Ion Ratio Lower Upper
43 100
58 60.6 46.7 70.1
57 21.4 16.3 24.5
100 15.2 10.5 15.7



#49
Dibromochloromethane
Concen: 4.858 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Tgt Ion: 129 Resp: 40525
Ion Ratio Lower Upper
129 100
127 77.3 55.4 102.8





#50

1,2-Dibromoethane

Concen: 4.839 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU046568.D

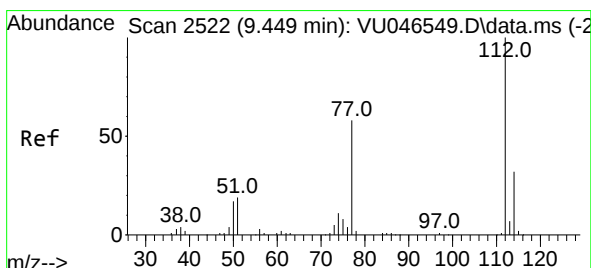
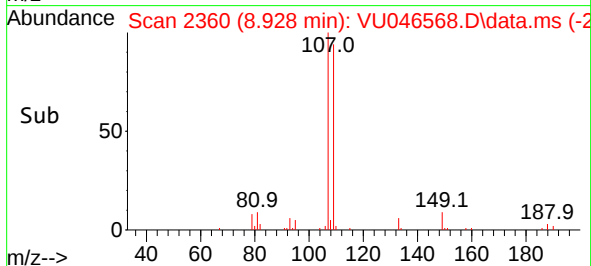
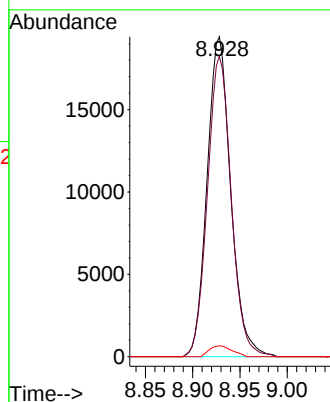
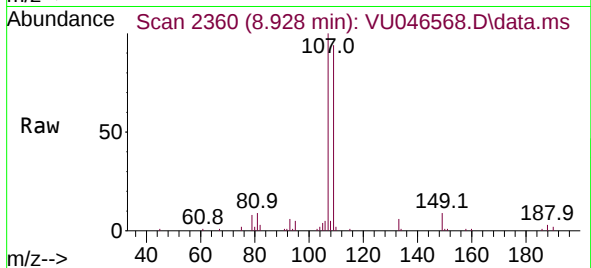
Acq: 23 Dec 2021 15:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	33783
Ion Ratio	Lower	Upper
107	100	
109	93.9	64.0 119.0
188	3.4	2.4 3.6



#51

Chlorobenzene

Concen: 5.015 ug/L

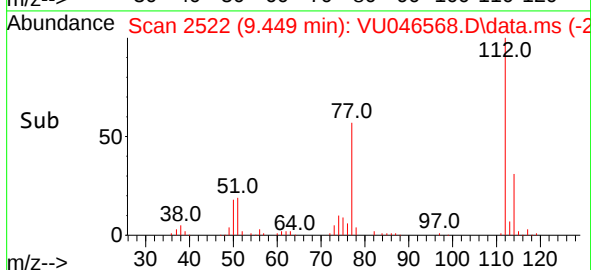
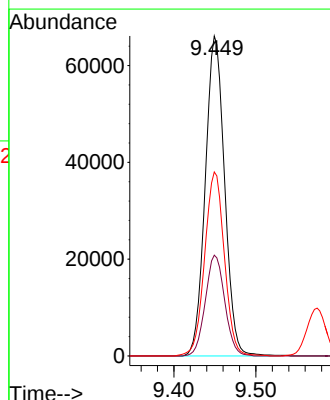
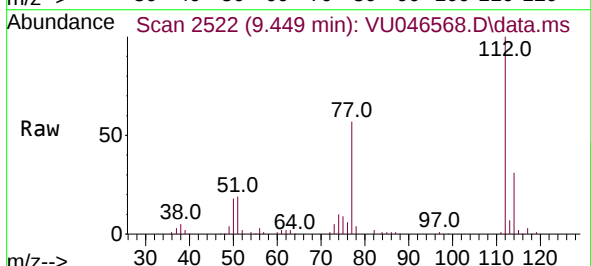
RT: 9.449 min Scan# 2522

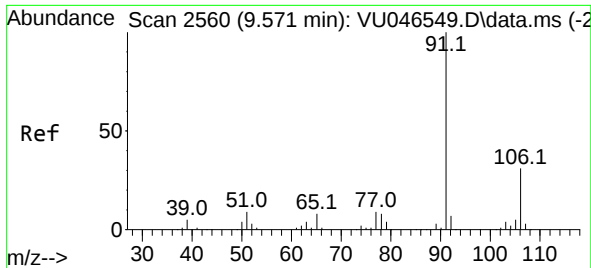
Delta R.T. 0.000 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

Tgt Ion:112	Resp:	108184
Ion Ratio	Lower	Upper
112	100	
114	31.5	22.1 41.1
77	57.5	48.3 72.5

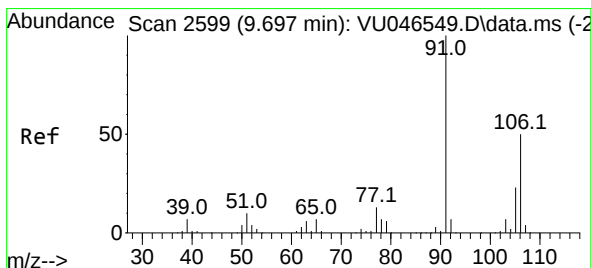
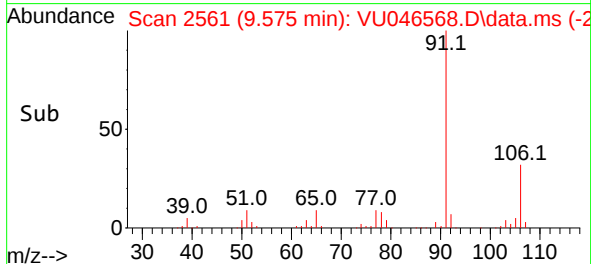
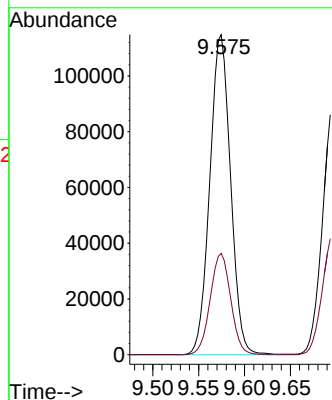
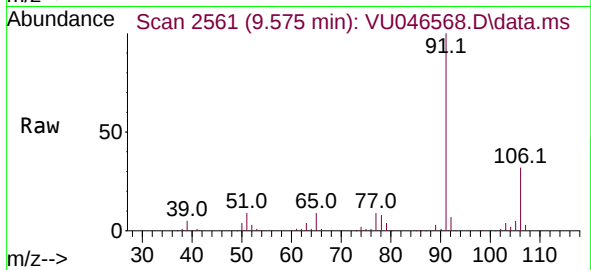




#52
Ethylbenzene
Concen: 5.165 ug/L
RT: 9.575 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

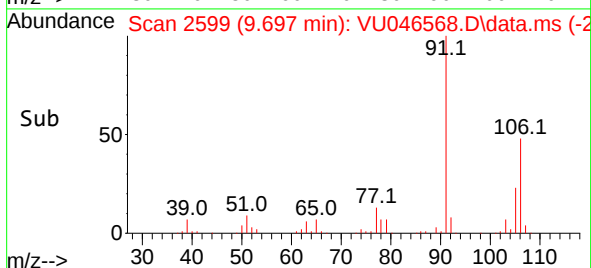
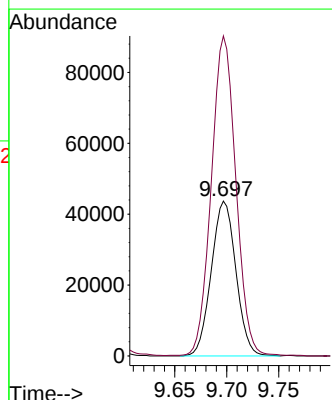
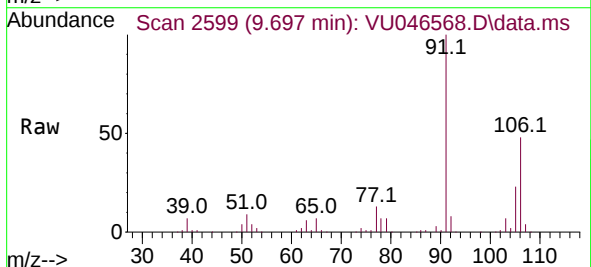
Instrument :
MSVOA_U
ClientSampleId :

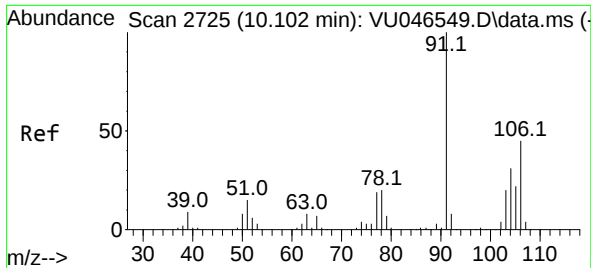
Tgt Ion: 91 Resp: 180427
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 5.379 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Tgt Ion:106 Resp: 71984
Ion Ratio Lower Upper
106 100
91 206.6 139.4 259.0

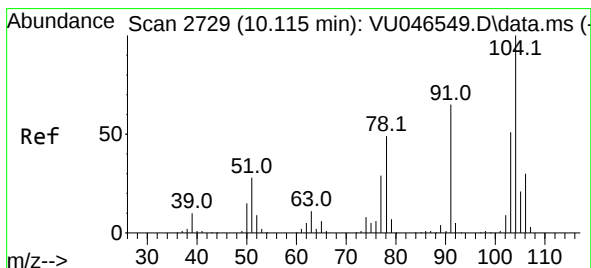
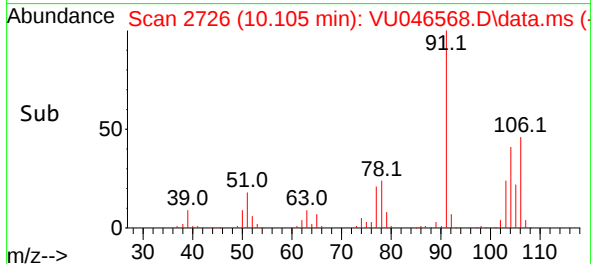
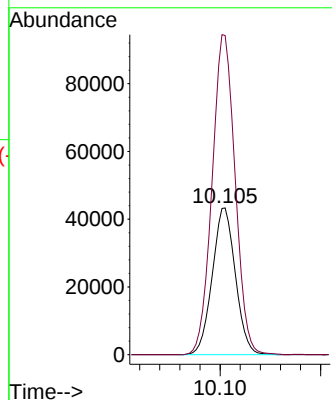
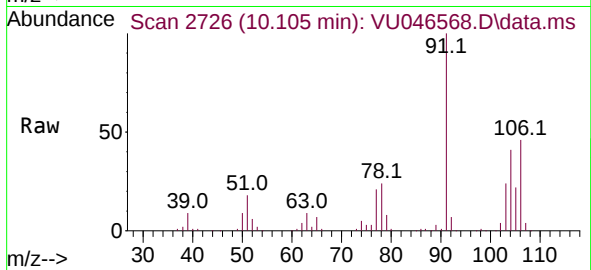




#54
o-Xylene
Concen: 5.376 ug/L
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

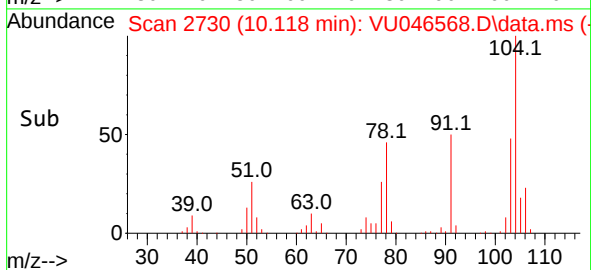
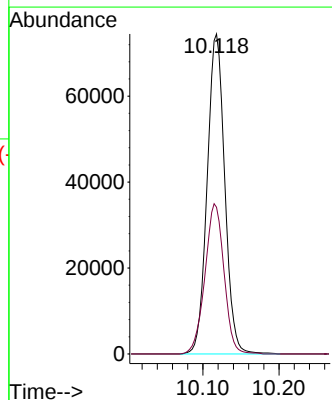
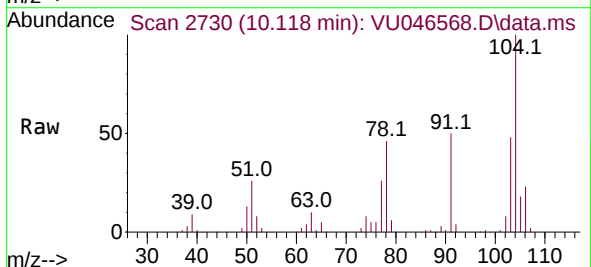
Instrument :
MSVOA_U
ClientSampleId :

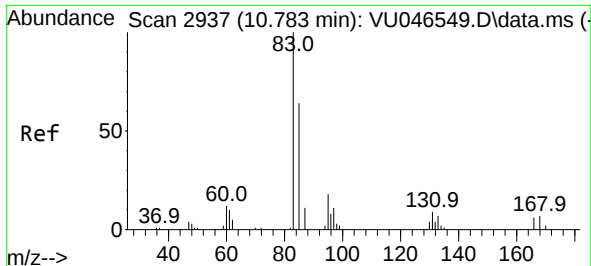
Tgt Ion:106 Resp: 69125
Ion Ratio Lower Upper
106 100
91 217.7 147.5 273.9



#55
Styrene
Concen: 5.366 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Tgt Ion:104 Resp: 119672
Ion Ratio Lower Upper
104 100
78 45.9 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.802 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. 0.003 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

Instrument :

MSVOA_U

ClientSampleId :

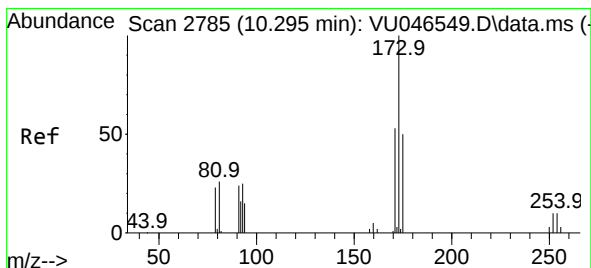
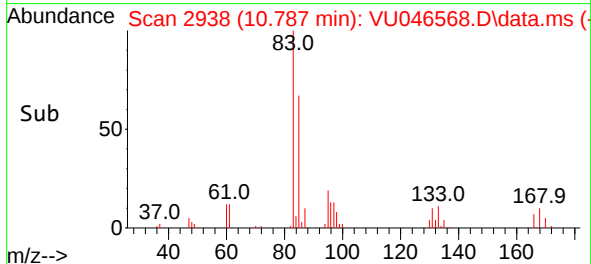
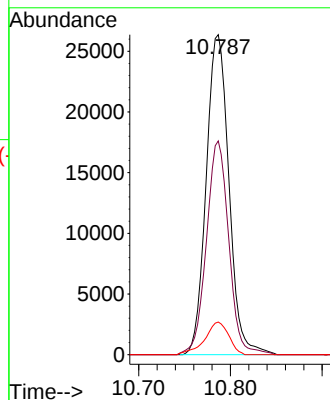
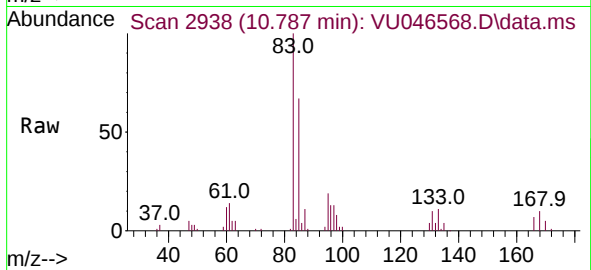
Tgt Ion: 83 Resp: 45387

Ion Ratio Lower Upper

83 100

85 66.8 47.9 89.1

131 10.2 8.1 12.1



#59

Bromoform

Concen: 4.712 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.000 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

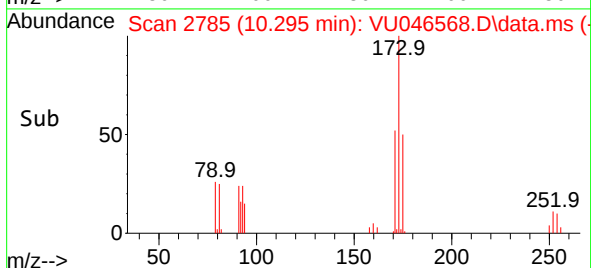
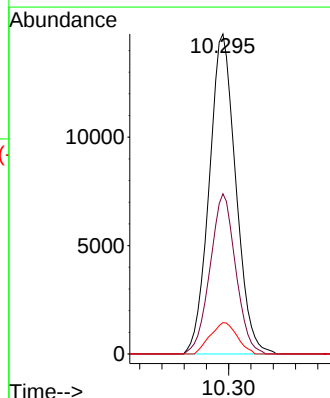
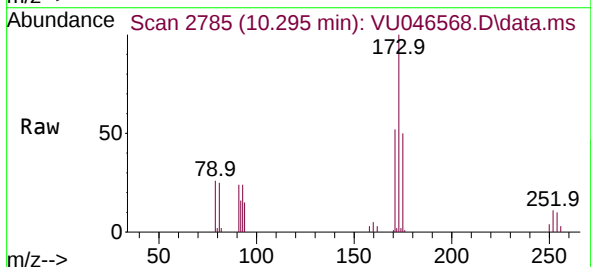
Tgt Ion:173 Resp: 24453

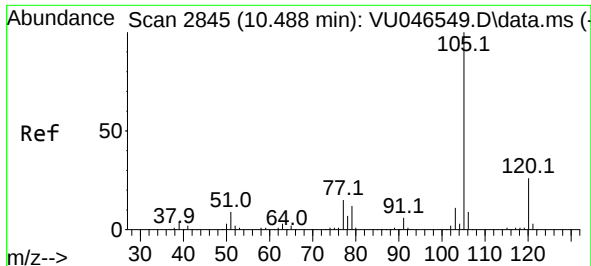
Ion Ratio Lower Upper

173 100

175 48.2 37.8 56.6

254 9.9 7.3 10.9

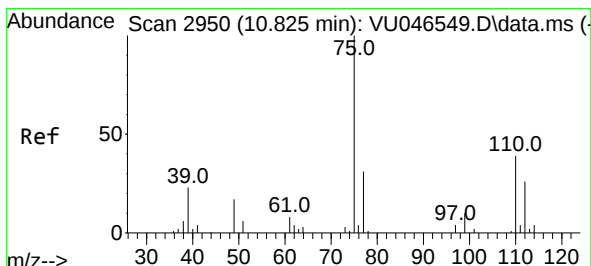
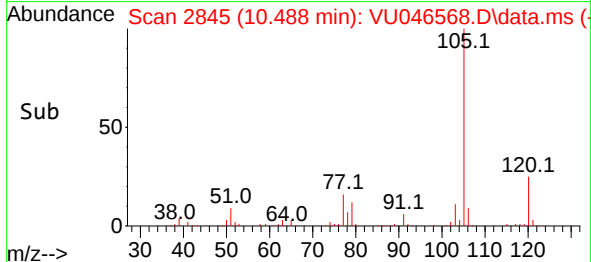
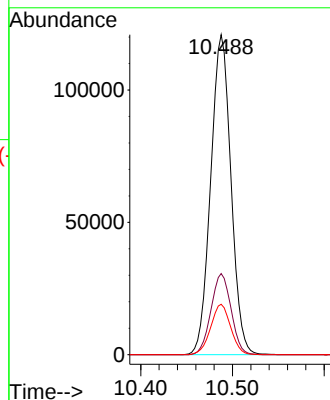
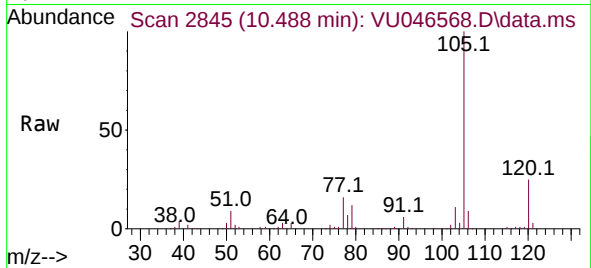




#60
Isopropylbenzene
Concen: 5.348 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

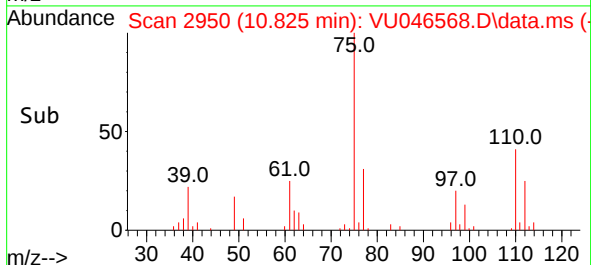
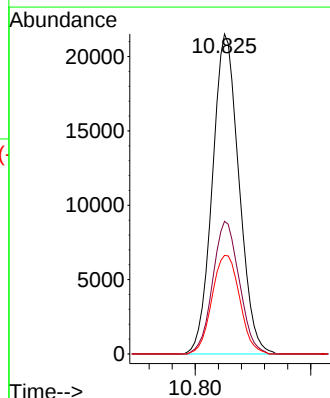
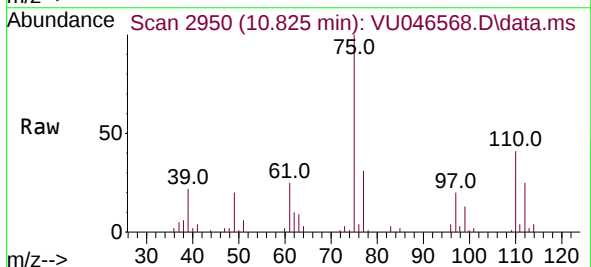
Instrument :
MSVOA_U
ClientSampleId :

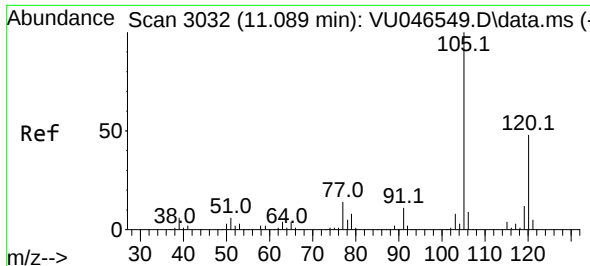
Tgt Ion:105 Resp: 185294
Ion Ratio Lower Upper
105 100
120 25.1 20.7 31.1
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.608 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Tgt Ion: 75 Resp: 34383
Ion Ratio Lower Upper
75 100
110 41.4 29.9 44.9
77 32.1 25.5 38.3

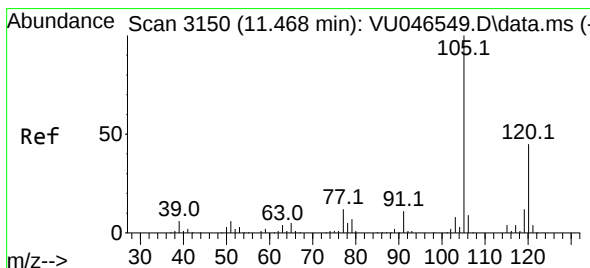
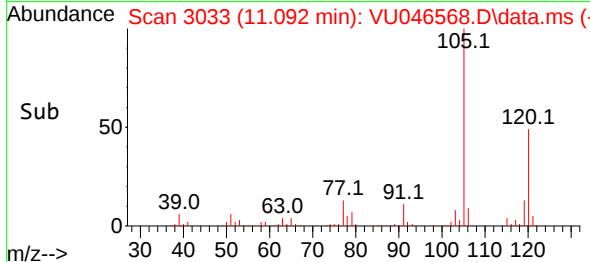
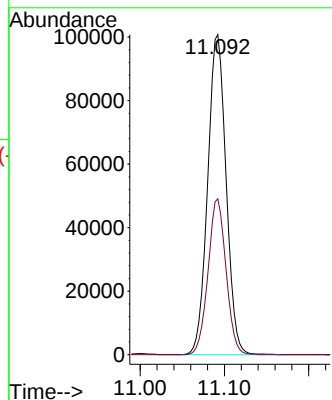
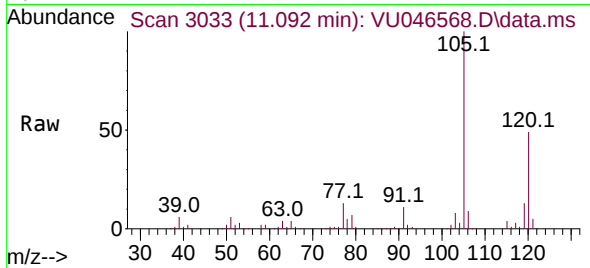




#62
 1,3,5-Trimethylbenzene
 Concen: 5.326 ug/L
 RT: 11.092 min Scan# 3032
 Delta R.T. 0.003 min
 Lab File: VU046568.D
 Acq: 23 Dec 2021 15:19

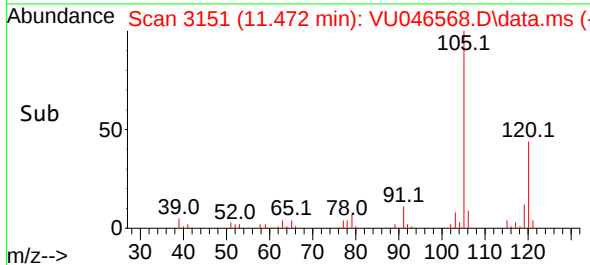
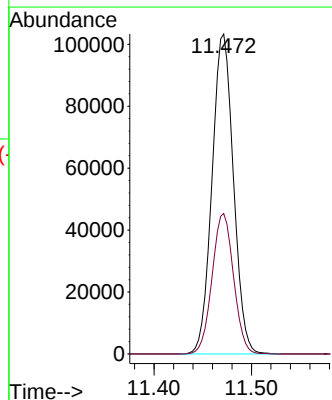
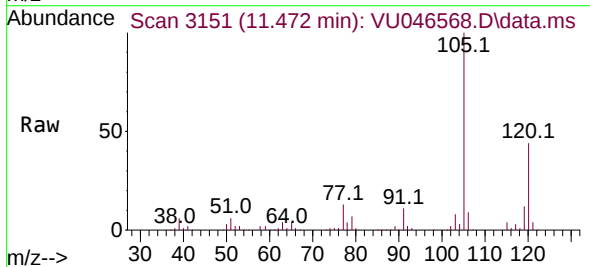
Instrument :
 MSVOA_U
 ClientSampleId :

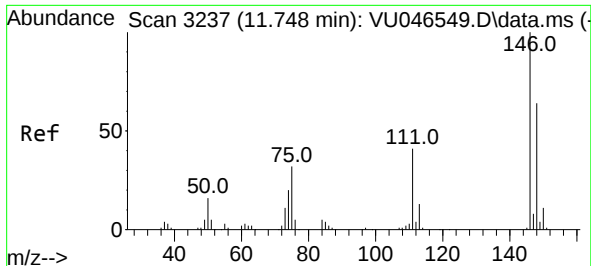
Tgt Ion:105 Resp: 153460
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.435 ug/L
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU046568.D
 Acq: 23 Dec 2021 15:19

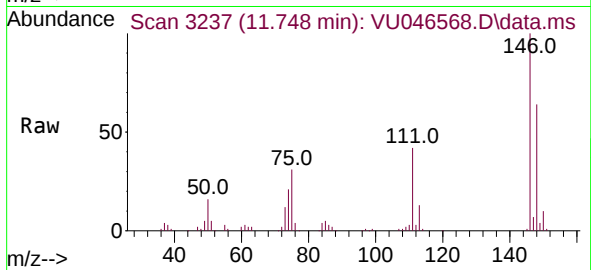
Tgt Ion:105 Resp: 157690
 Ion Ratio Lower Upper
 105 100
 120 44.0 35.8 53.8



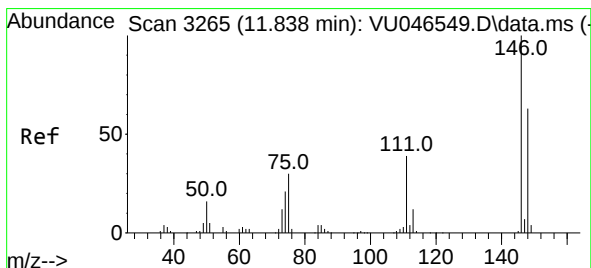
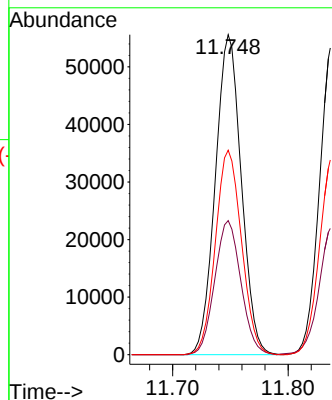
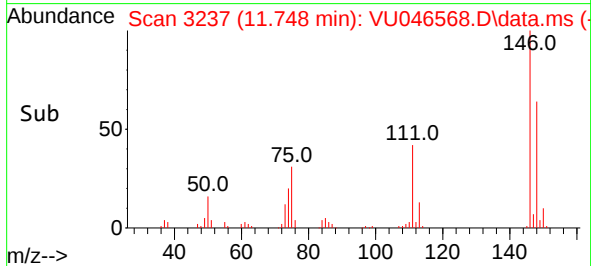


#64
1,3-Dichlorobenzene
Concen: 5.164 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

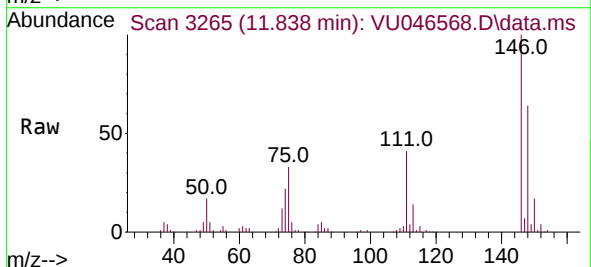
Instrument :
MSVOA_U
ClientSampleId :



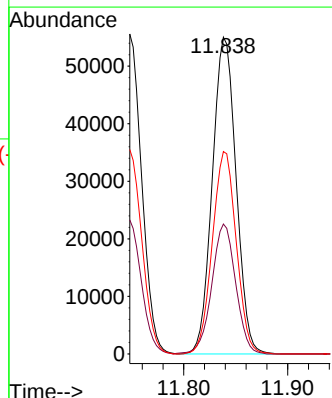
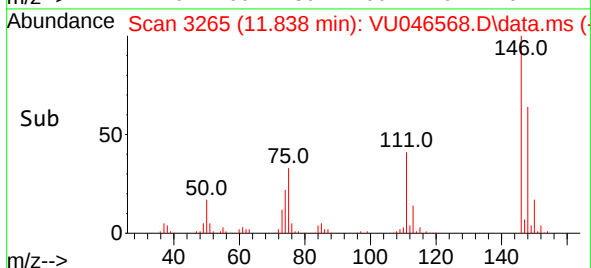
Tgt Ion:146 Resp: 86974
Ion Ratio Lower Upper
146 100
111 41.9 29.9 55.5
148 63.9 44.3 82.3

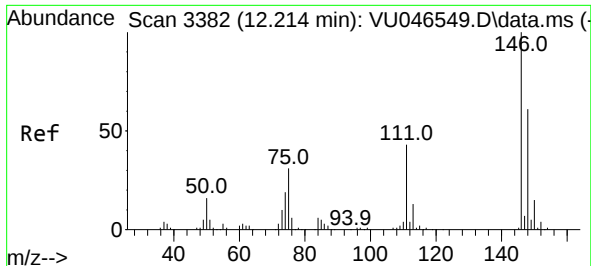


#65
1,4-Dichlorobenzene
Concen: 5.081 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19



Tgt Ion:146 Resp: 87592
Ion Ratio Lower Upper
146 100
111 41.0 28.7 53.3
148 63.9 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.031 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

Instrument :

MSVOA_U

ClientSampleId :

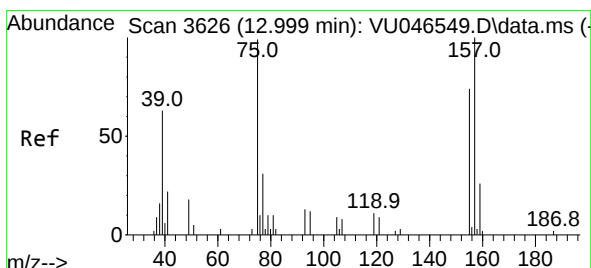
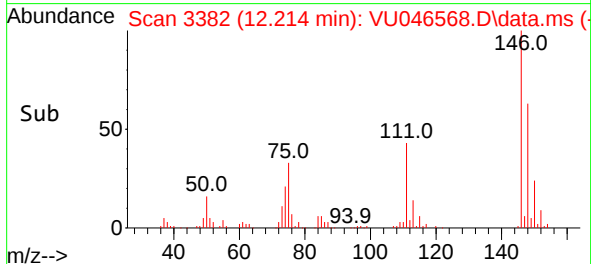
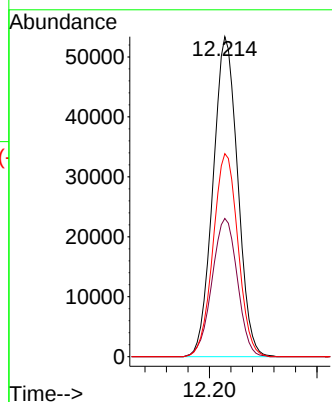
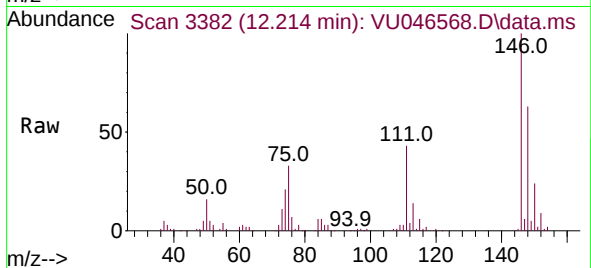
Tgt Ion:146 Resp: 84987

Ion Ratio Lower Upper

146 100

111 43.2 35.4 53.0

148 63.4 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.662 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046568.D

Acq: 23 Dec 2021 15:19

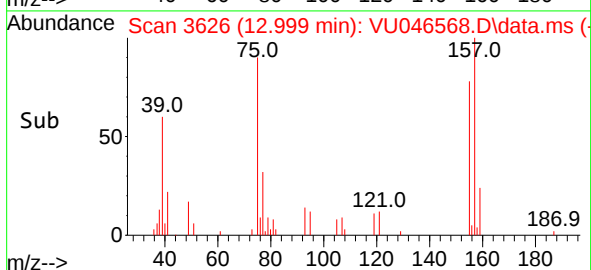
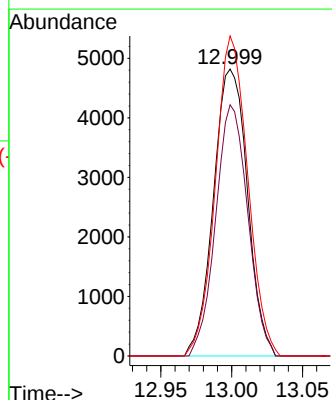
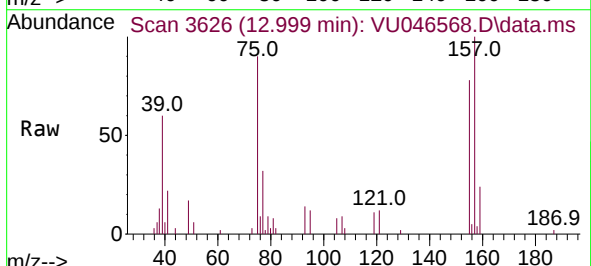
Tgt Ion: 75 Resp: 8052

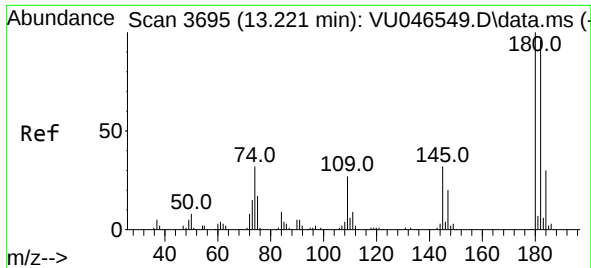
Ion Ratio Lower Upper

75 100

155 87.5 59.2 88.8

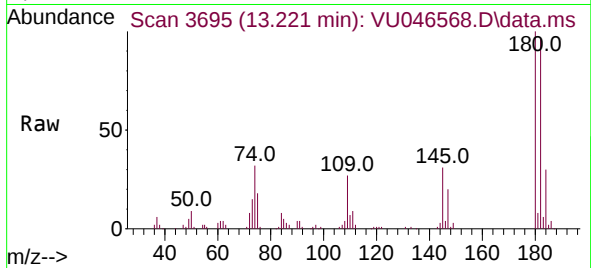
157 111.5 76.5 114.7



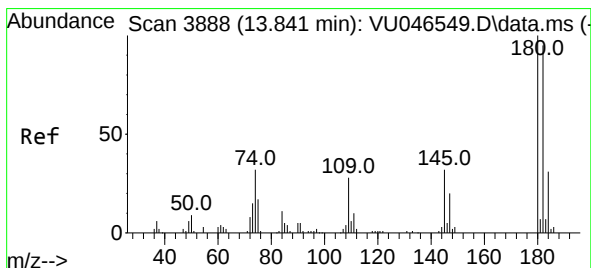
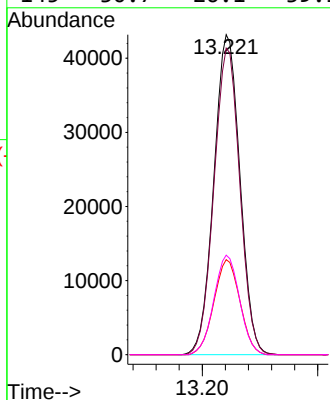
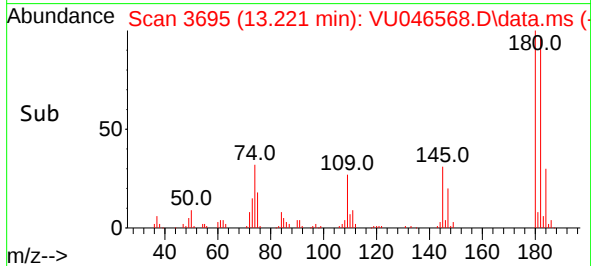


#69
 1,3,5-Trichlorobenzene
 Concen: 5.298 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046568.D
 Acq: 23 Dec 2021 15:19

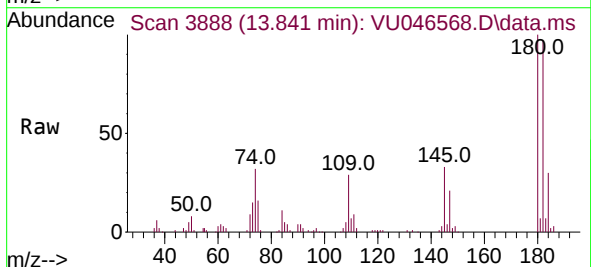
Instrument :
 MSVOA_U
 ClientSampleId :



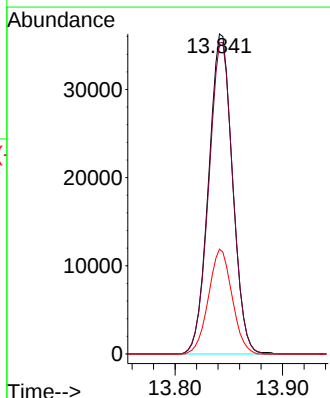
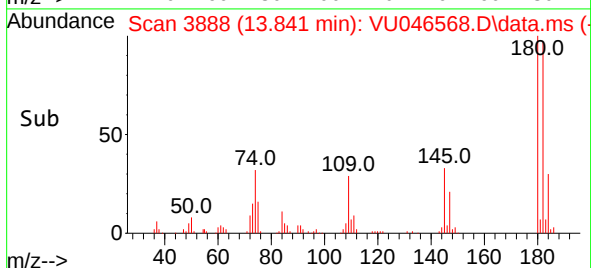
Tgt Ion:180 Resp: 67531
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.1 114.1
 184 29.7 25.0 37.4
 145 30.7 26.1 39.1

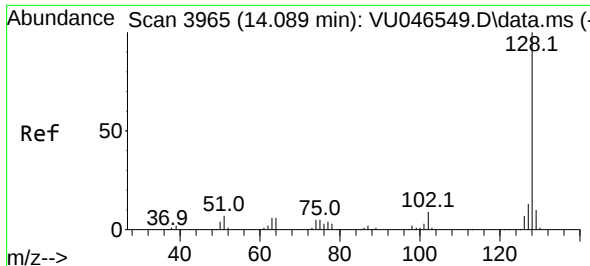


#70
 1,2,4-trichlorobenzene
 Concen: 5.180 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046568.D
 Acq: 23 Dec 2021 15:19



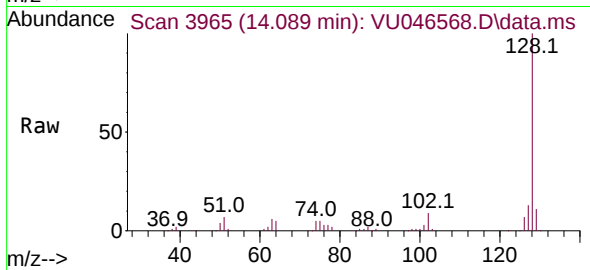
Tgt Ion:180 Resp: 55917
 Ion Ratio Lower Upper
 180 100
 182 97.9 76.4 114.6
 145 32.4 25.6 38.4



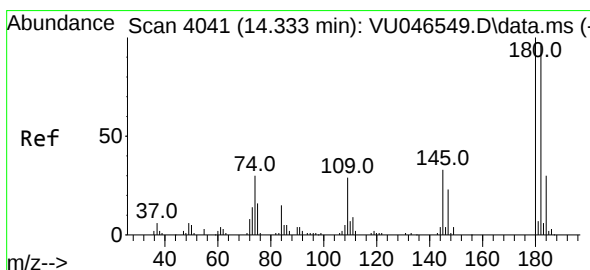
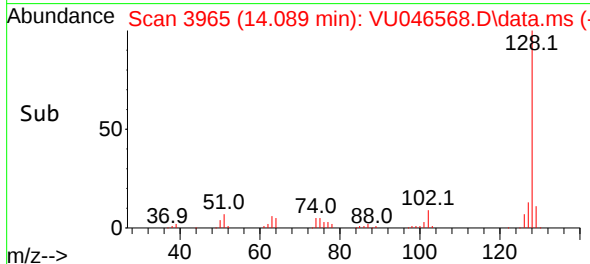
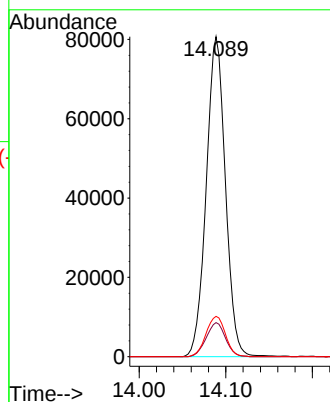


#71
Naphthalene
Concen: 5.172 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 123991
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.322 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU046568.D
Acq: 23 Dec 2021 15:19

Tgt Ion:180 Resp: 56879
Ion Ratio Lower Upper
180 100
182 94.1 76.2 114.4
145 34.0 28.4 42.6

