

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046678.D
 Acq On : 05 Jan 2022 21:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB039

Quant Time: Jan 06 03:06:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	199165	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	189502	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	100715	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	73434	42.253	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.500%
7) Chloroethane-d5	1.919	69	56831	44.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.040%
11) 1,1-Dichloroethene-d2	2.575	63	128538	43.485	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.960%
21) 2-Butanone-d5	4.645	46	117547	92.411	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.410%
24) Chloroform-d	5.067	84	134220	43.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.620%
26) 1,2-Dichloroethane-d4	5.703	65	86188	44.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.720%
32) Benzene-d6	5.729	84	270467	45.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.460%
36) 1,2-Dichloropropane-d6	6.694	67	79997	44.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.660%
41) Toluene-d8	7.899	98	247237	46.764	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.520%
43) trans-1,3-Dichloroprop...	8.179	79	40545	46.640	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.280%
47) 2-Hexanone-d5	8.636	63	97253	101.452	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.450%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	123134	44.061	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.120%
66) 1,2-Dichlorobenzene-d4	12.192	152	97619	46.841	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	81646	44.499	ug/L	100
3) Chloromethane	1.523	50	72547	44.431	ug/L	99
5) Vinyl chloride	1.607	62	78542	46.410	ug/L	100
6) Bromomethane	1.864	94	48621	45.351	ug/L	96
8) Chloroethane	1.941	64	47099	45.981	ug/L	98
9) Trichlorofluoromethane	2.144	101	113097	45.403	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	62304	44.473	ug/L	98
12) 1,1-Dichloroethene	2.588	96	61139	46.348	ug/L	95
13) Acetone	2.662	43	96326	79.572	ug/L	99
14) Carbon disulfide	2.800	76	167761	42.783	ug/L	100
15) Methyl Acetate	2.961	43	71599	46.307	ug/L	98
16) Methylene chloride	3.051	84	73118	44.997	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	63046	45.714	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	207153	50.555	ug/L	100
19) 1,1-Dichloroethane	3.877	63	115266	45.826	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	72255	48.884	ug/L	96
22) 2-Butanone	4.723	43	121570	88.091	ug/L	98
23) Bromochloromethane	4.980	128	37308	47.219	ug/L	94
25) Chloroform	5.092	83	127100	46.263	ug/L	100

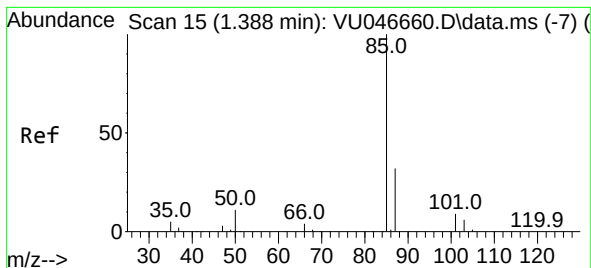
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
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 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:54:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	100157	47.449	ug/L	99
29) Cyclohexane	5.395	56	97122	48.213	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	111426	48.067	ug/L	99
31) Carbon tetrachloride	5.530	117	93394	46.510	ug/L	99
33) Benzene	5.777	78	269765	47.859	ug/L	100
34) Trichloroethene	6.542	95	70388	47.609	ug/L	99
35) Methylcyclohexane	6.764	83	113121	49.271	ug/L	99
37) 1,2-Dichloropropane	6.793	63	69506	48.190	ug/L	99
38) Bromodichloromethane	7.108	83	92588	46.678	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	106487	47.980	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	197427	100.126	ug/L	99
42) Toluene	7.970	91	290973	48.947	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	106193	49.319	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	70492	47.833	ug/L	99
46) Tetrachloroethene	8.555	164	53941	48.088	ug/L	98
48) 2-Hexanone	8.687	43	164721	98.561	ug/L	100
49) Dibromochloromethane	8.812	129	73809	45.602	ug/L	98
50) 1,2-Dibromoethane	8.925	107	75361	49.059	ug/L	97
51) Chlorobenzene	9.446	112	185975	48.130	ug/L	100
52) Ethylbenzene	9.571	91	319079	50.594	ug/L	100
53) m,p-Xylene	9.693	106	125959	51.714	ug/L	97
54) o-xylene	10.102	106	122533	52.609	ug/L	98
55) Styrene	10.115	104	210359	51.610	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	119480	46.356	ug/L	99
59) Bromoform	10.292	173	56896	46.489	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	99359	46.882	ug/L	99
61) Isopropylbenzene	10.484	105	323433	52.572	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	274663	53.110	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	278006	53.951	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	152284	49.384	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	152484	47.458	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	151193	48.783	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	29605	46.664	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	113966	48.254	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	104769	51.894	ug/L	98
71) Naphthalene	14.086	128	368665	56.146	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	107755	52.819	ug/L	99

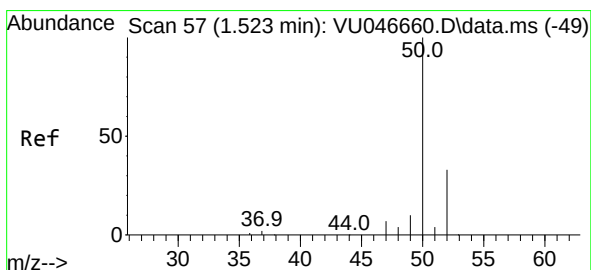
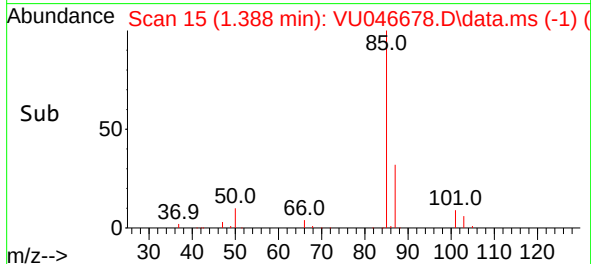
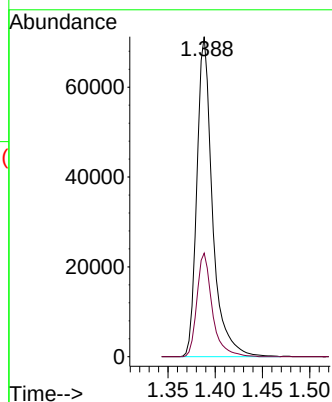
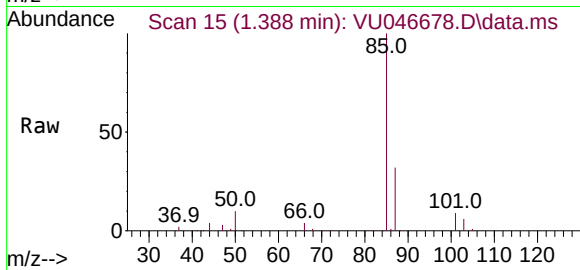
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#2
 Dichlorodifluoromethane
 Concen: 44.499 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU046678.D
 Acq: 05 Jan 2022 21:22

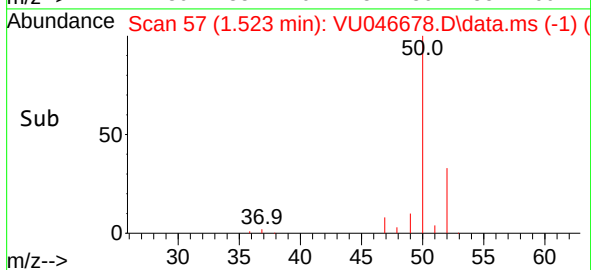
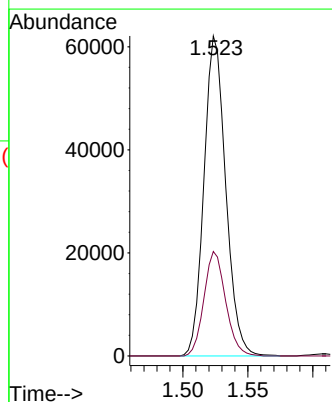
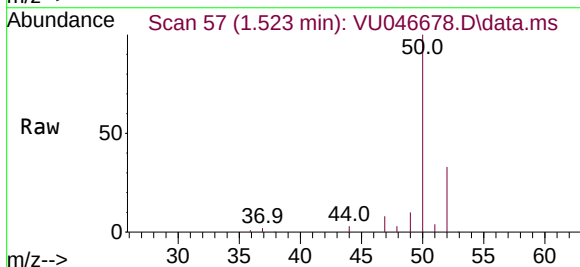
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB039

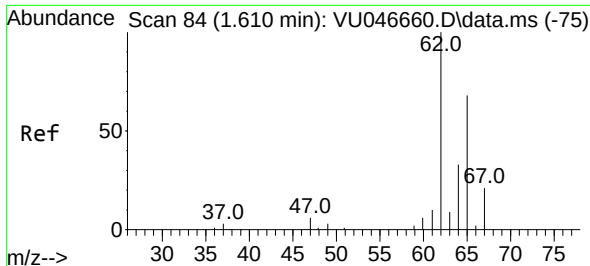
Tgt Ion: 85 Resp: 81646
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.6 38.4



#3
 Chloromethane
 Concen: 44.431 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU046678.D
 Acq: 05 Jan 2022 21:22

Tgt Ion: 50 Resp: 72547
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2

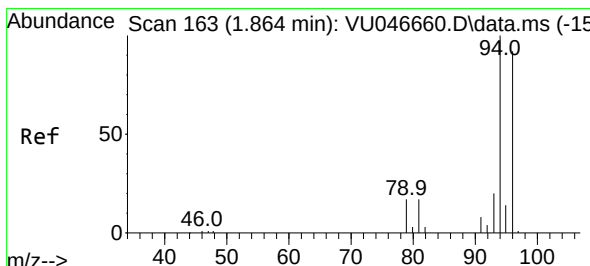
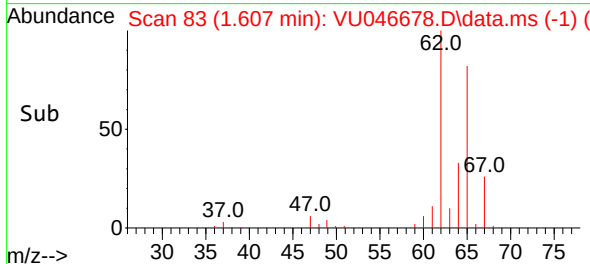
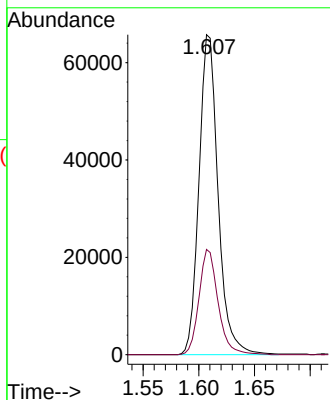
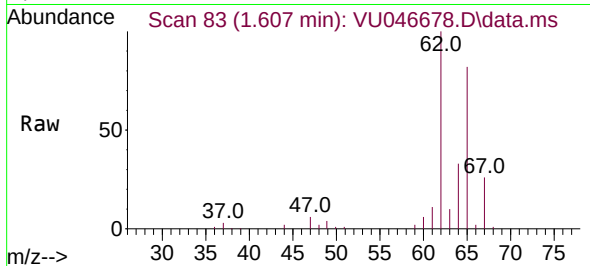




#5
 Vinyl chloride
 Concen: 46.410 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU046678.D
 Acq: 05 Jan 2022 21:22

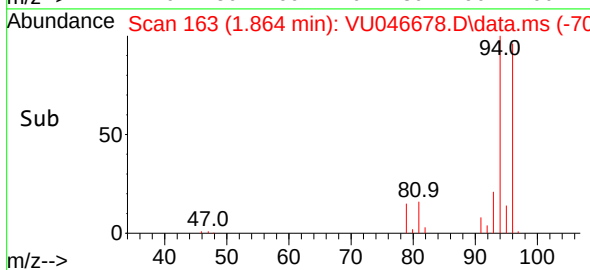
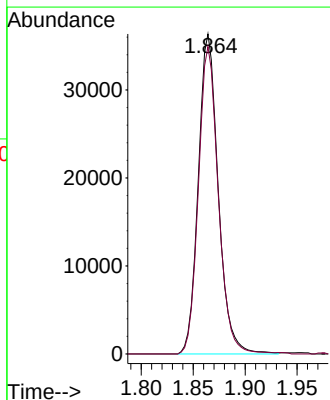
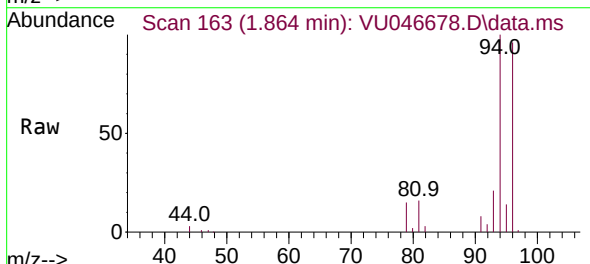
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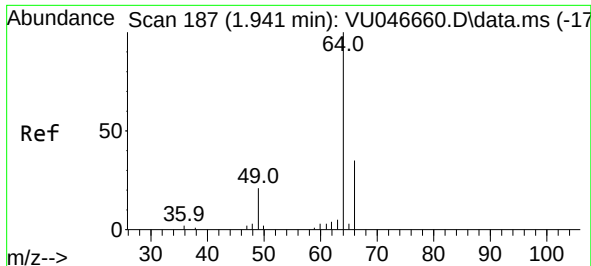
Tgt Ion: 62 Resp: 78542
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 45.351 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046678.D
 Acq: 05 Jan 2022 21:22

Tgt Ion: 94 Resp: 48621
 Ion Ratio Lower Upper
 94 100
 96 96.1 64.4 119.6

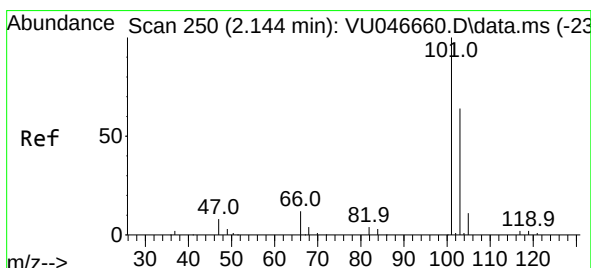
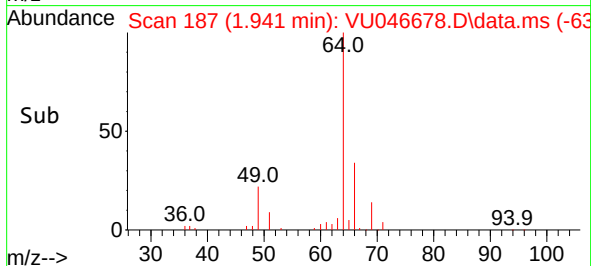
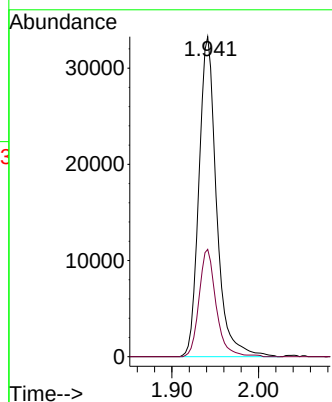
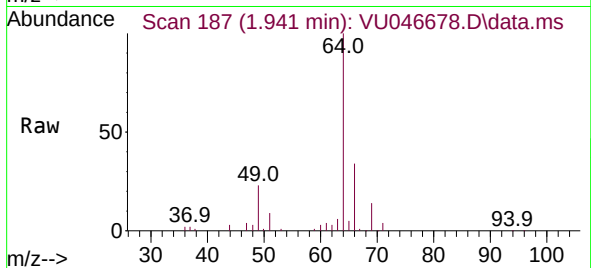




#8
Chloroethane
Concen: 45.981 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

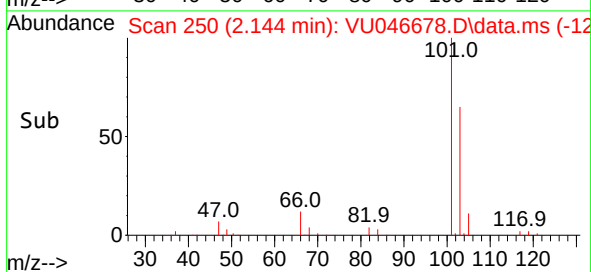
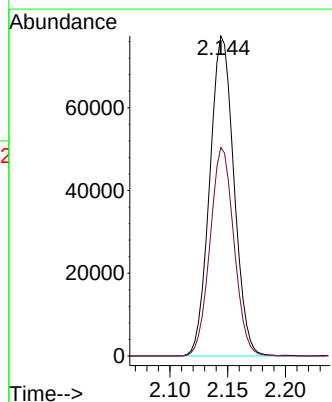
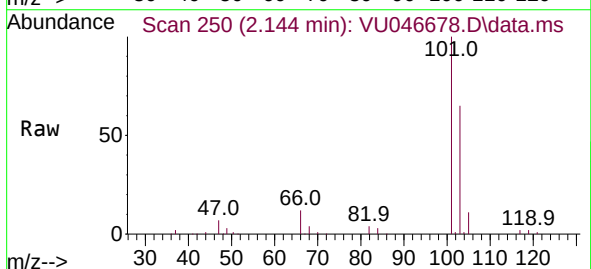
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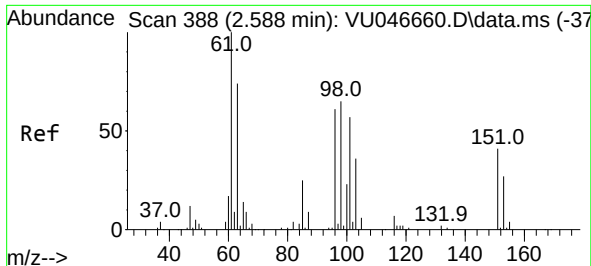
Tgt Ion: 64 Resp: 47099
Ion Ratio Lower Upper
64 100
66 33.6 24.4 45.2



#9
Trichlorofluoromethane
Concen: 45.403 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Tgt Ion: 101 Resp: 113097
Ion Ratio Lower Upper
101 100
103 64.2 52.0 78.0

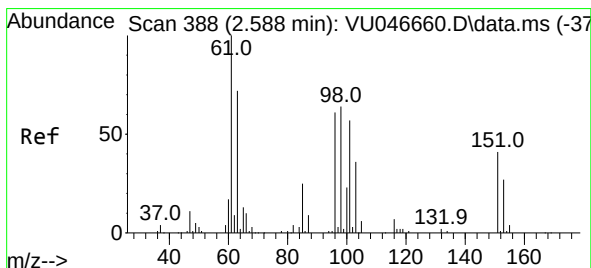
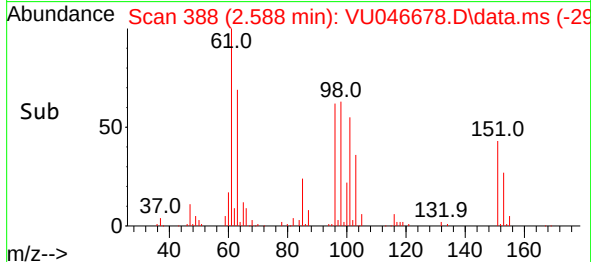
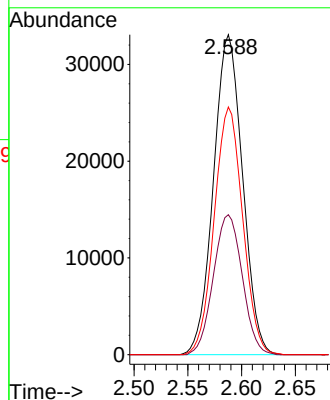
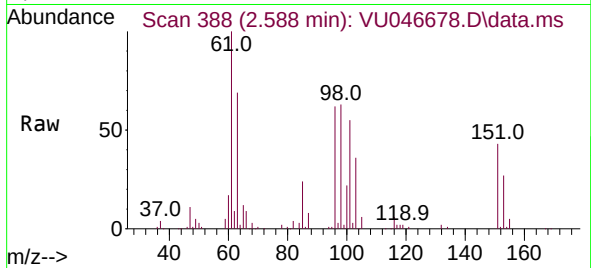




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.473 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046678.D
 Acq: 05 Jan 2022 21:22

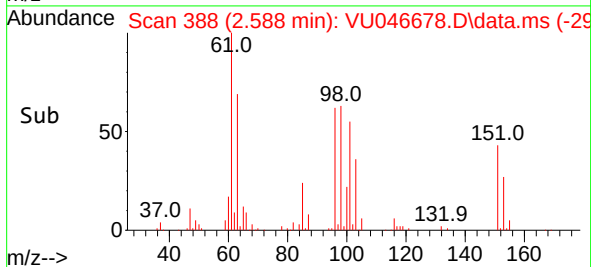
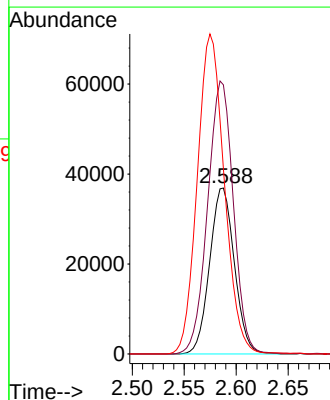
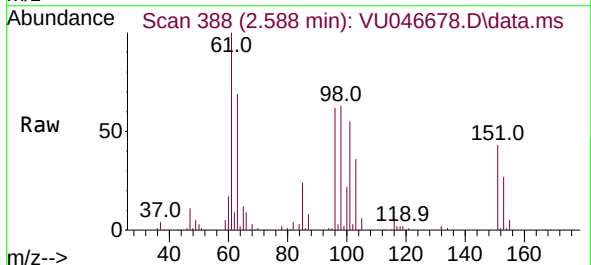
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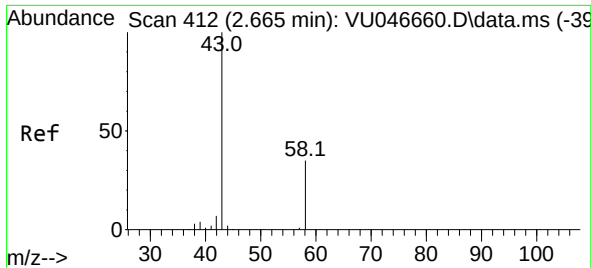
Tgt Ion:101 Resp: 62304
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.9 52.3
 151 75.8 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 46.348 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046678.D
 Acq: 05 Jan 2022 21:22

Tgt Ion: 96 Resp: 61139
 Ion Ratio Lower Upper
 96 100
 61 162.2 114.9 213.3
 63 111.7 86.0 159.8





#13

Acetone

Concen: 79.572 ug/L

RT: 2.662 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

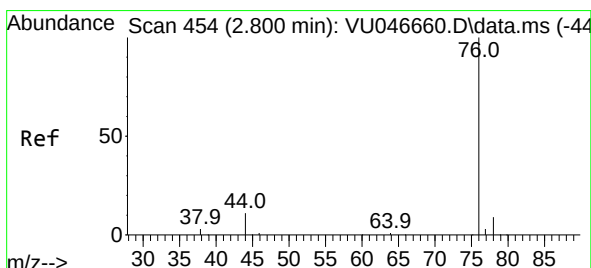
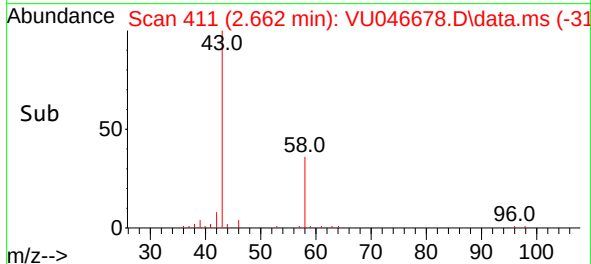
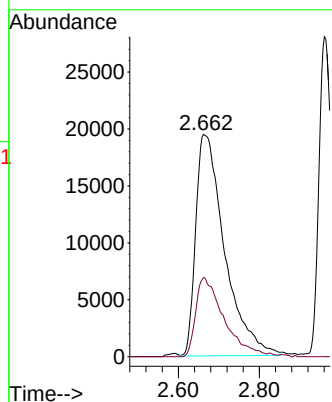
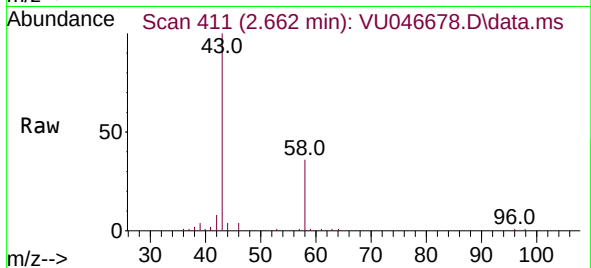
BFB039

Tgt Ion: 43 Resp: 96326

Ion Ratio Lower Upper

43 100

58 34.7 0.0 71.0



#14

Carbon disulfide

Concen: 42.783 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046678.D

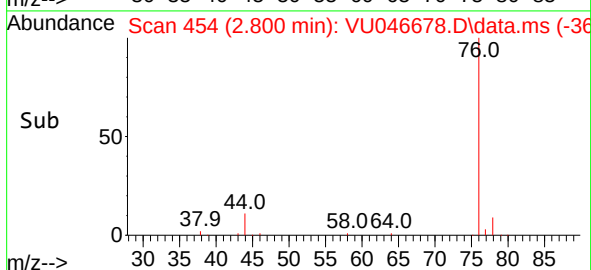
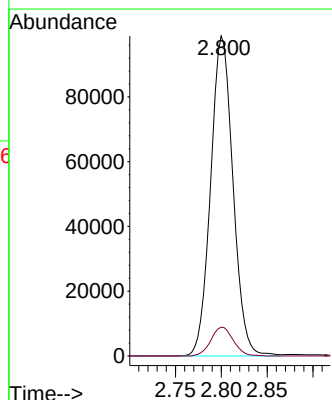
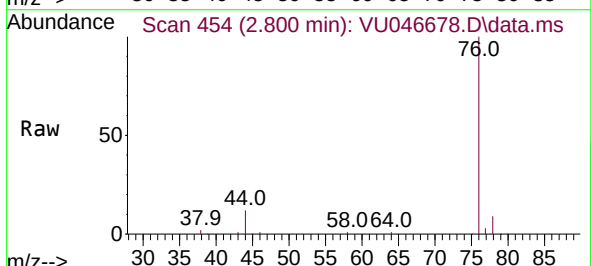
Acq: 05 Jan 2022 21:22

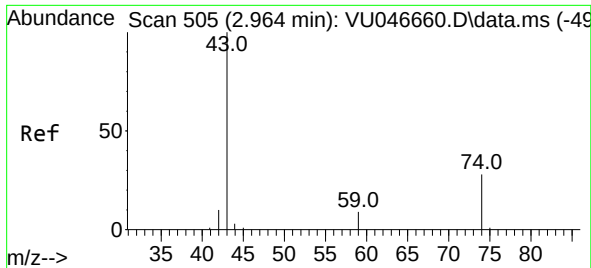
Tgt Ion: 76 Resp: 167761

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

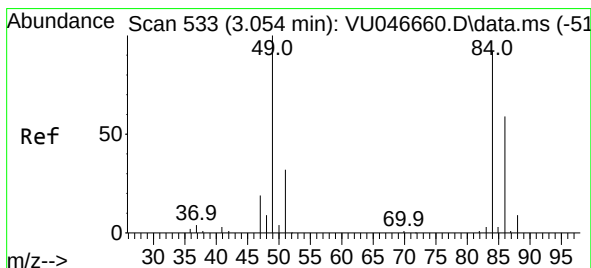
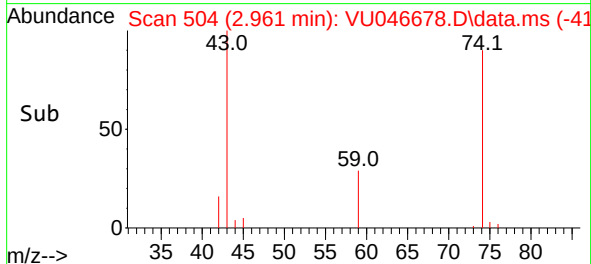
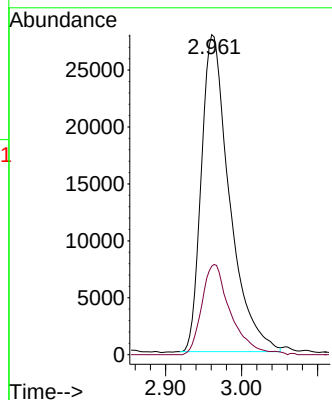
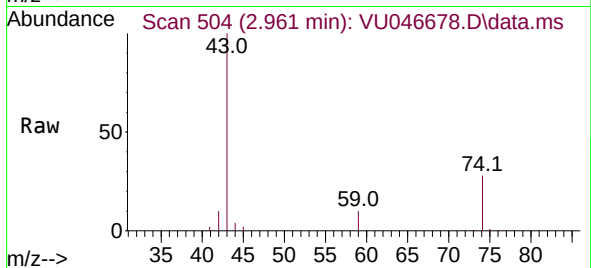




#15
Methyl Acetate
Concen: 46.307 ug/L
RT: 2.961 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

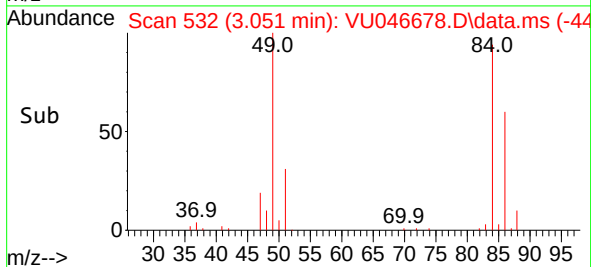
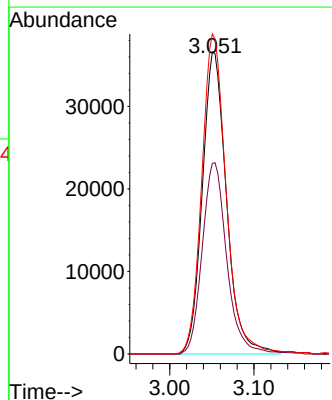
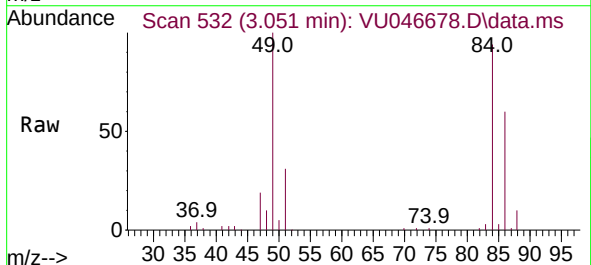
Instrument :
MSVOA_U
ClientSampleId :
BFB039

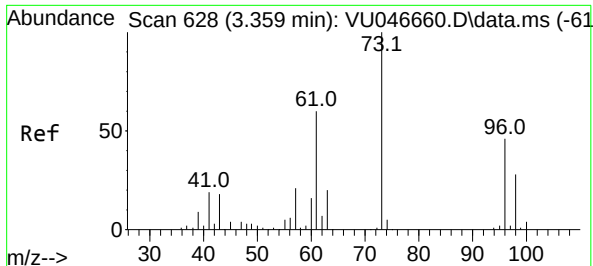
Tgt Ion: 43 Resp: 71599
Ion Ratio Lower Upper
43 100
74 28.8 22.3 33.5



#16
Methylene chloride
Concen: 44.997 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Tgt Ion: 84 Resp: 73118
Ion Ratio Lower Upper
84 100
86 63.2 44.7 82.9
49 105.9 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 45.714 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

BFB039

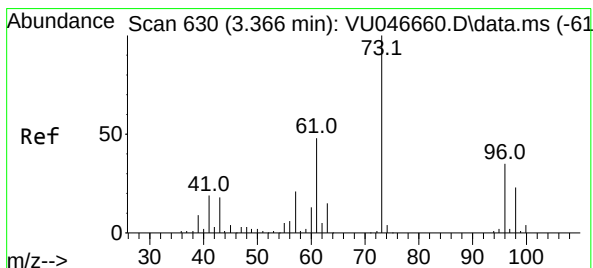
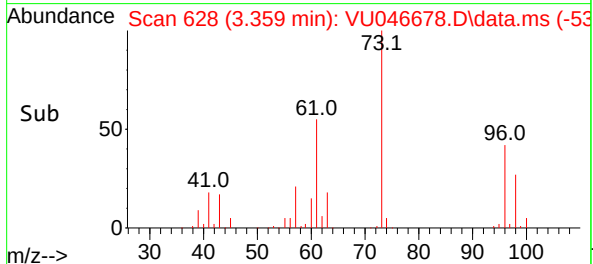
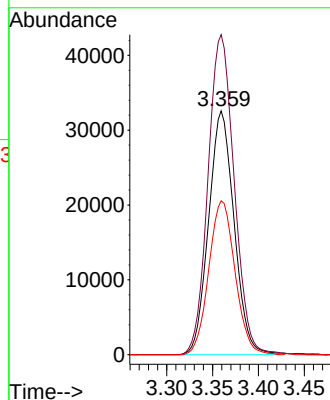
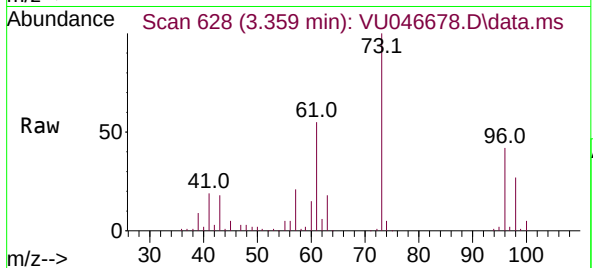
Tgt Ion: 96 Resp: 63046

Ion Ratio Lower Upper

96 100

61 131.2 92.5 171.9

98 63.1 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 50.555 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

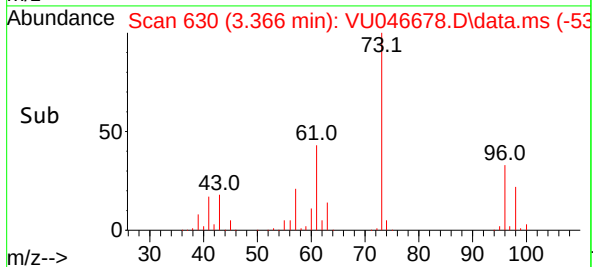
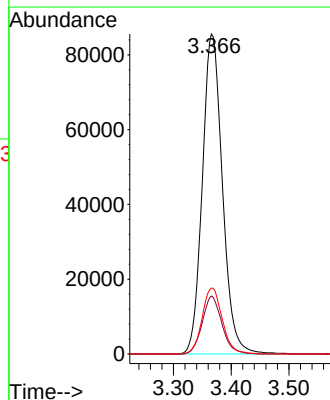
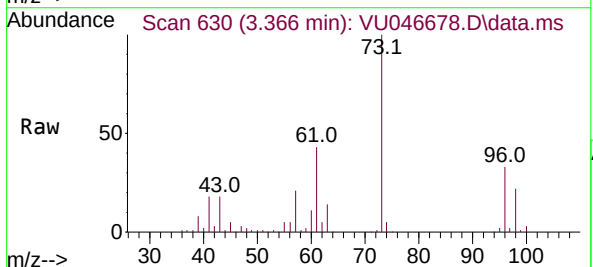
Tgt Ion: 73 Resp: 207153

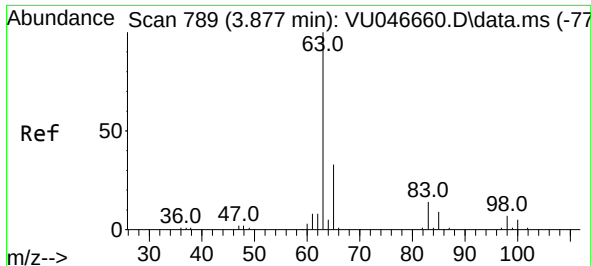
Ion Ratio Lower Upper

73 100

43 17.7 14.1 21.1

57 20.5 16.4 24.6





#19

1,1-Dichloroethane

Concen: 45.826 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

BFB039

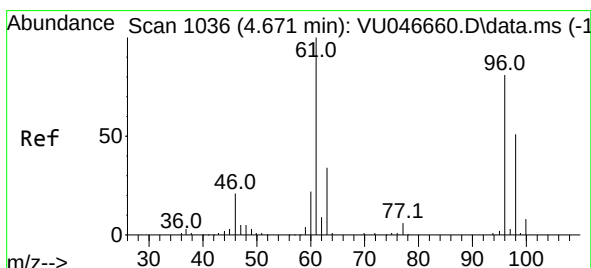
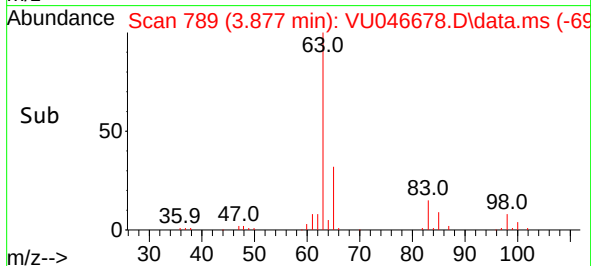
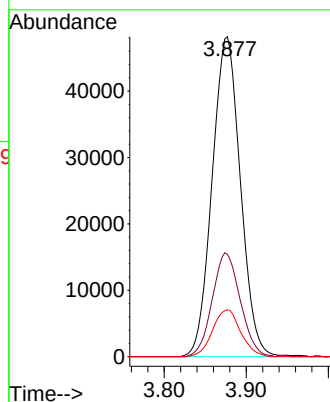
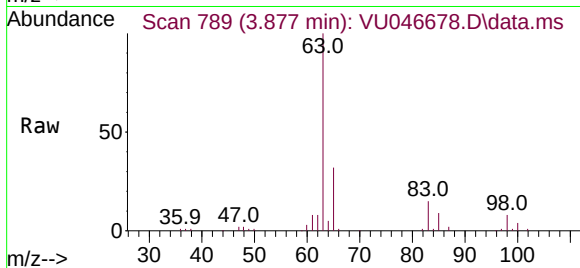
Tgt Ion: 63 Resp: 115266

Ion Ratio Lower Upper

63 100

65 32.0 22.8 42.4

83 14.6 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 48.884 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

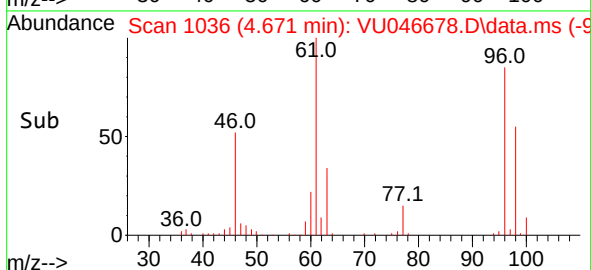
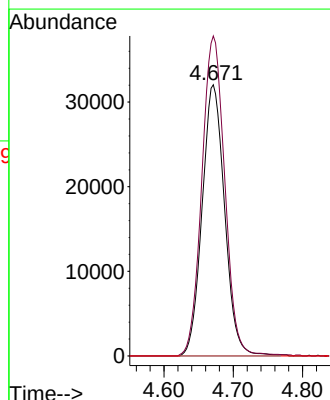
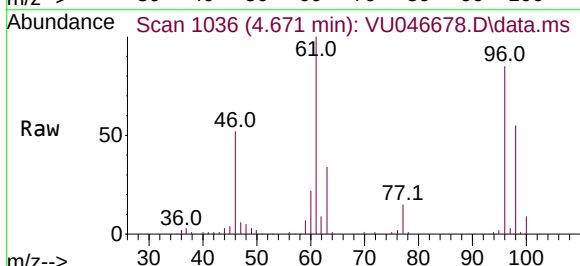
Tgt Ion: 96 Resp: 72255

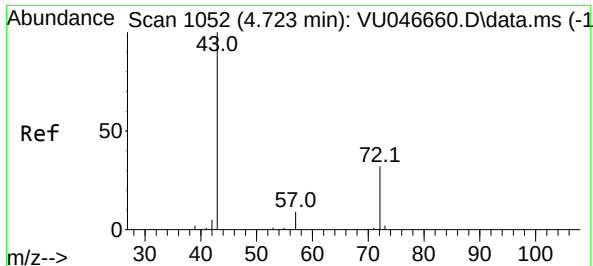
Ion Ratio Lower Upper

96 100

61 118.0 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 88.091 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

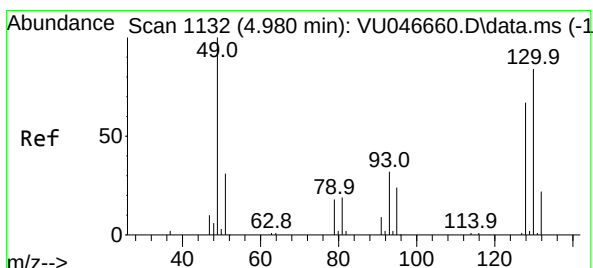
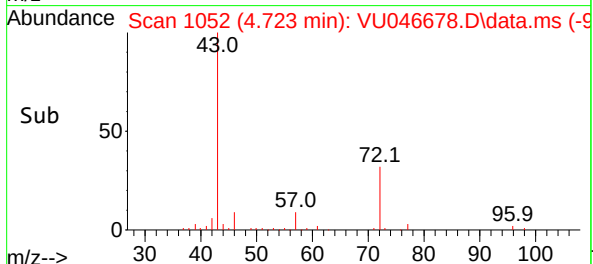
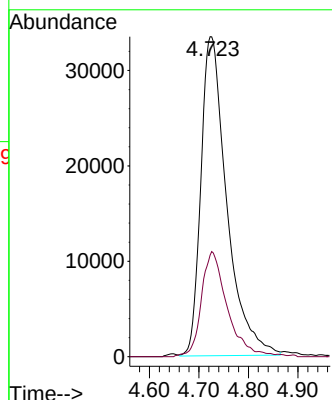
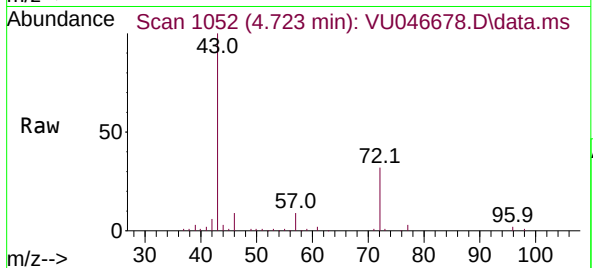
BFB039

Tgt Ion: 43 Resp: 121570

Ion Ratio Lower Upper

43 100

72 32.1 15.6 46.8



#23

Bromochloromethane

Concen: 47.219 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Tgt Ion: 128 Resp: 37308

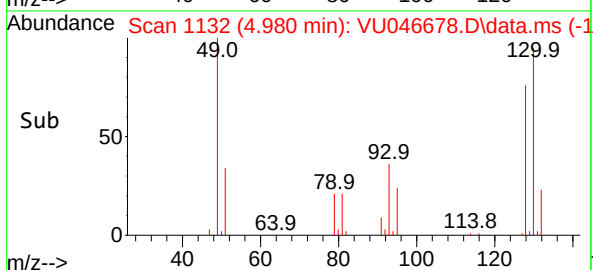
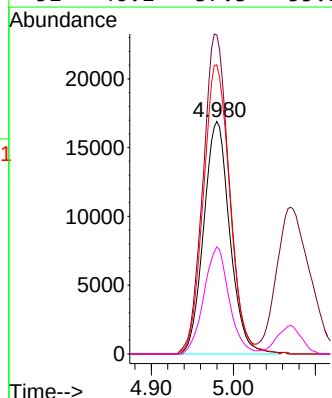
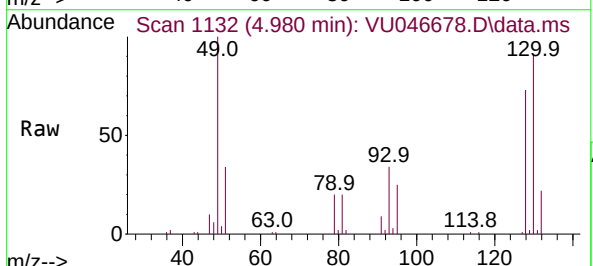
Ion Ratio Lower Upper

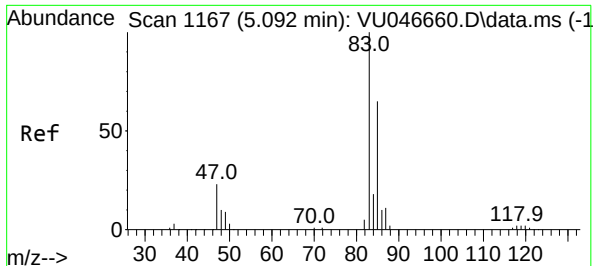
128 100

49 137.3 105.4 195.8

130 124.4 88.7 164.7

51 46.1 37.3 55.9





#25

Chloroform

Concen: 46.263 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

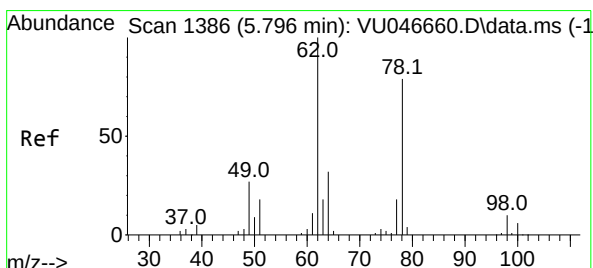
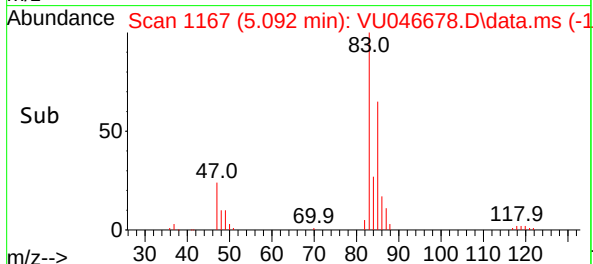
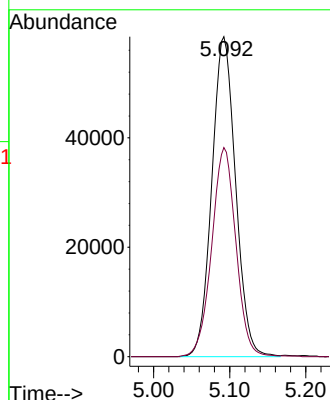
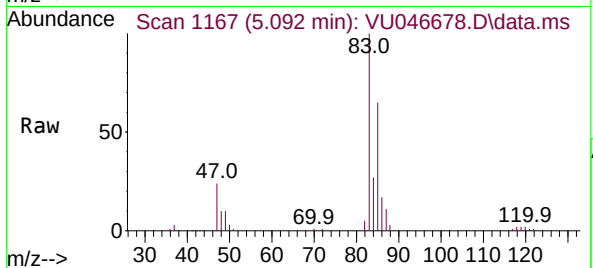
BFB039

Tgt Ion: 83 Resp: 127100

Ion Ratio Lower Upper

83 100

85 65.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 47.449 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU046678.D

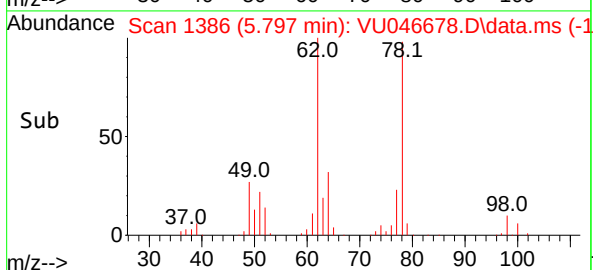
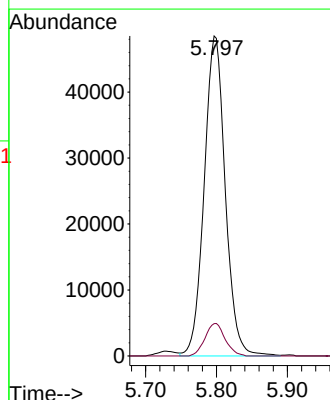
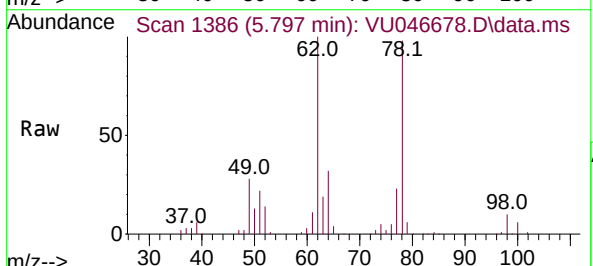
Acq: 05 Jan 2022 21:22

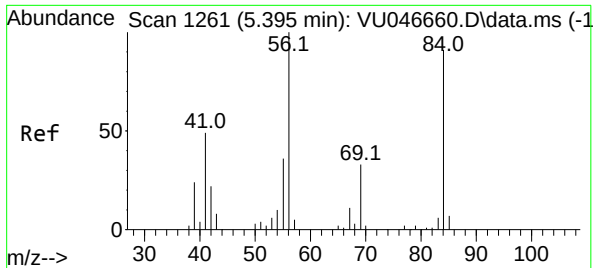
Tgt Ion: 62 Resp: 100157

Ion Ratio Lower Upper

62 100

98 10.1 7.7 11.5

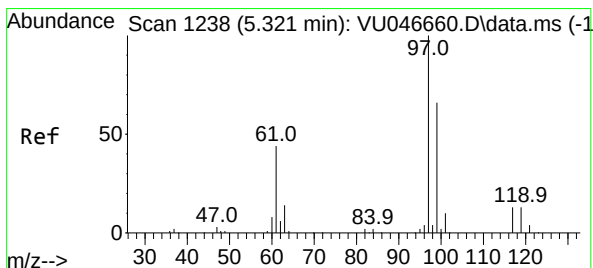
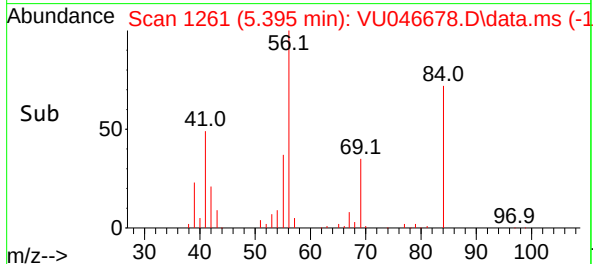
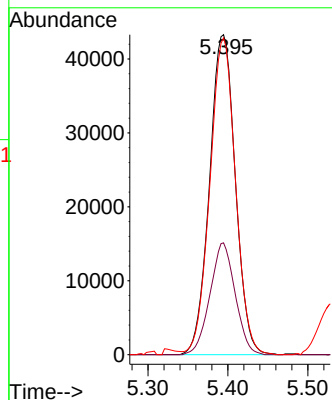
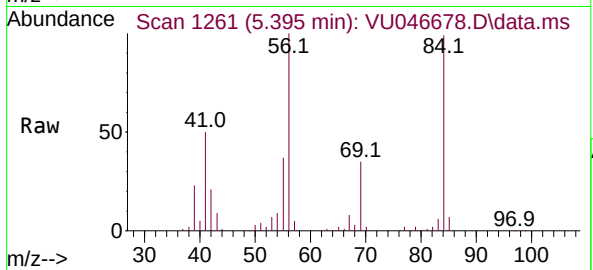




#29
Cyclohexane
Concen: 48.213 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

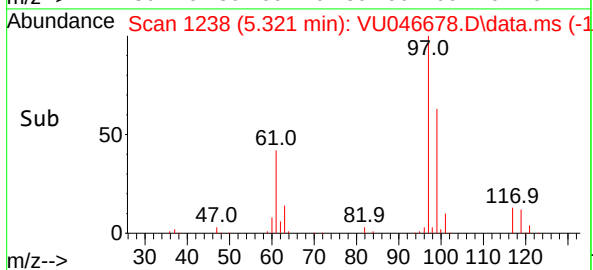
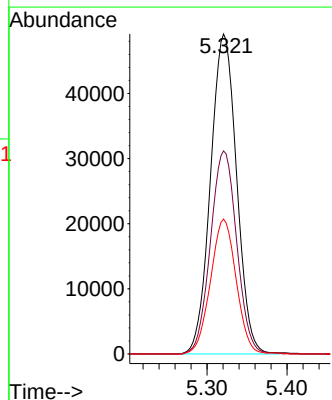
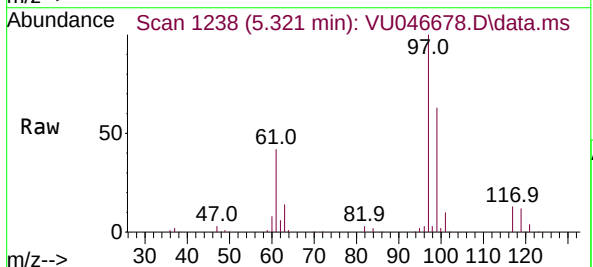
Instrument :
MSVOA_U
ClientSampleId :
BFB039

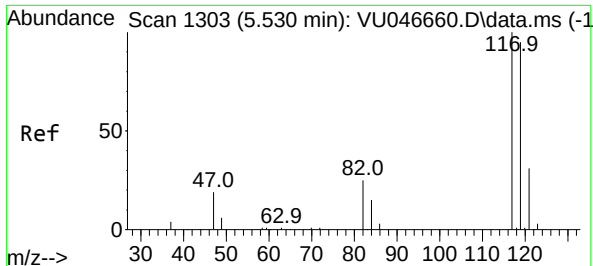
Tgt Ion: 56 Resp: 97122
Ion Ratio Lower Upper
56 100
69 34.0 25.8 38.6
84 97.9 74.2 111.2



#30
1,1,1-Trichloroethane
Concen: 48.067 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Tgt Ion: 97 Resp: 111426
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 41.4 34.1 51.1

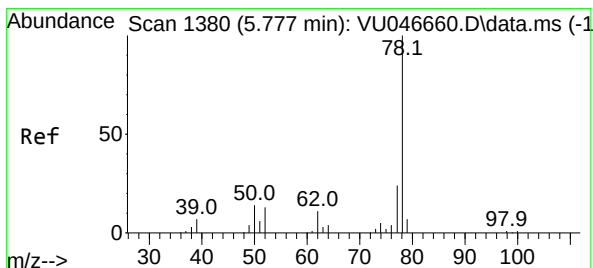
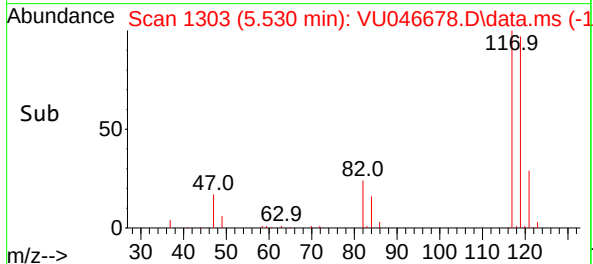
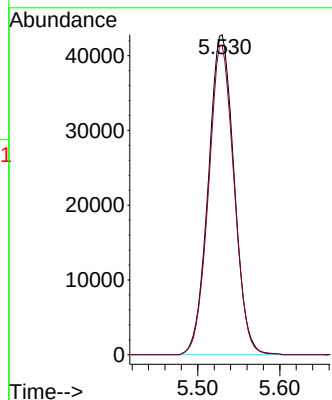
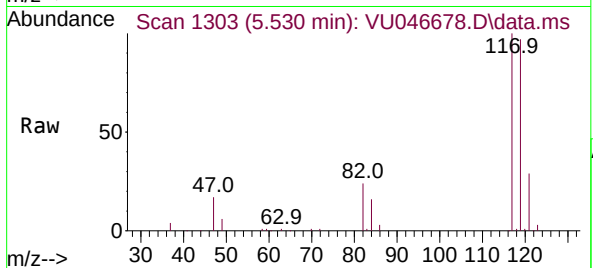




#31
Carbon tetrachloride
Concen: 46.510 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

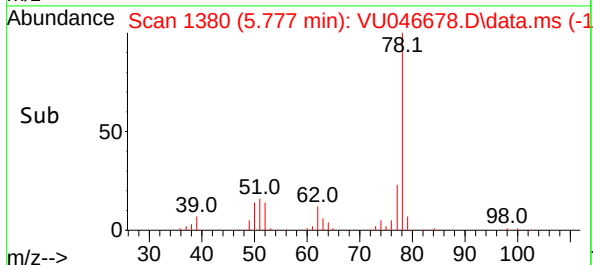
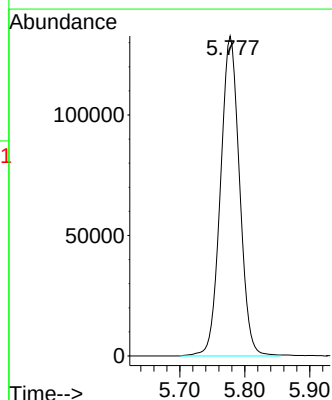
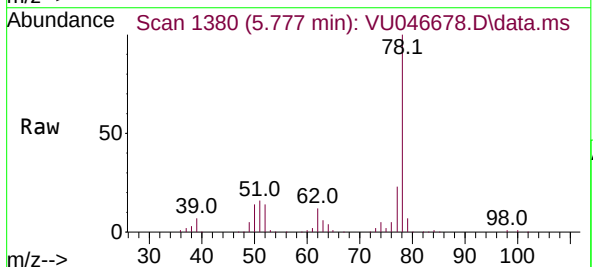
Instrument :
MSVOA_U
ClientSampleId :
BFB039

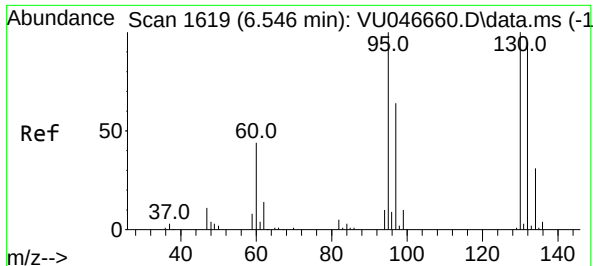
Tgt Ion:117 Resp: 93394
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3



#33
Benzene
Concen: 47.859 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Tgt Ion: 78 Resp: 269765



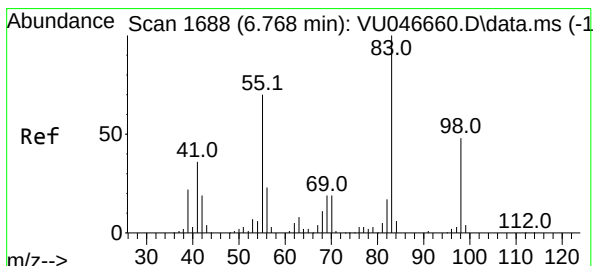
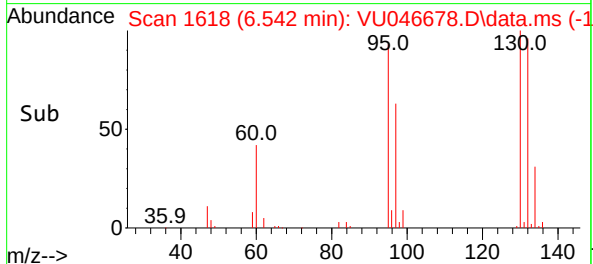
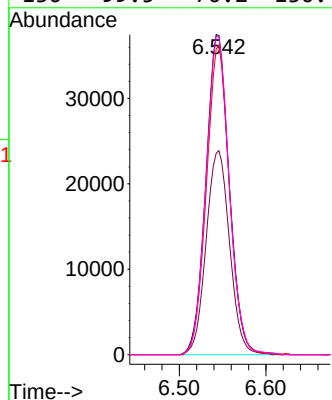
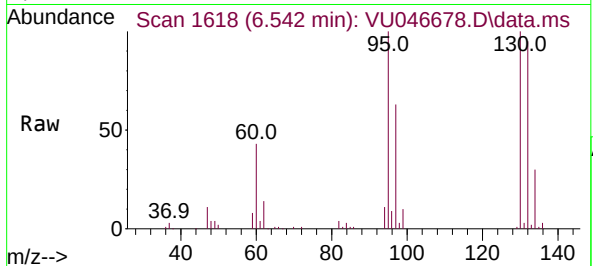


#34
Trichloroethene
Concen: 47.609 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Instrument :
MSVOA_U
ClientSampleId :
BFB039

Tgt Ion: 95 Resp: 70388

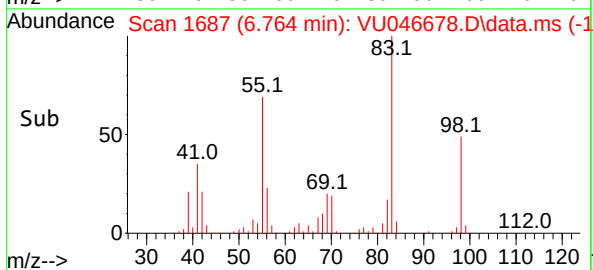
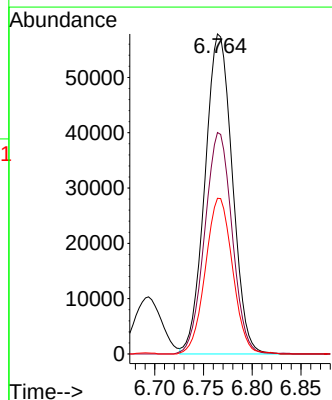
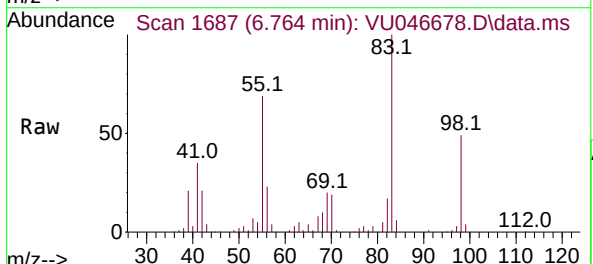
Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.1	83.7
132	95.5	66.7	123.9
130	99.5	70.2	130.4

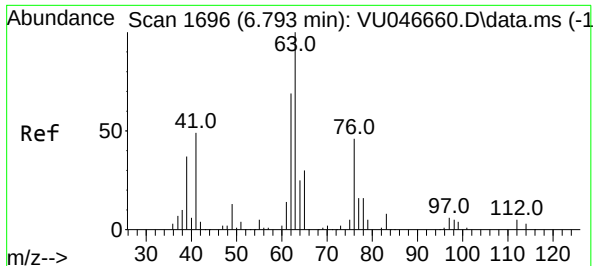


#35
Methylcyclohexane
Concen: 49.271 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Tgt Ion: 83 Resp: 113121

Ion	Ratio	Lower	Upper
83	100		
55	69.2	56.6	85.0
98	48.2	38.4	57.6





#37

1,2-Dichloropropane

Concen: 48.190 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

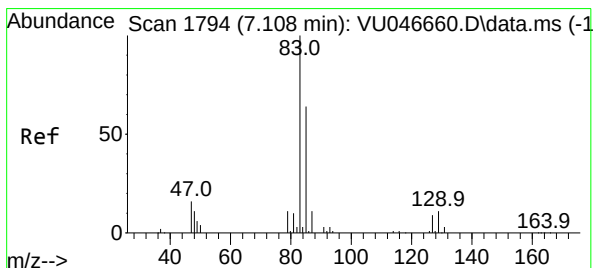
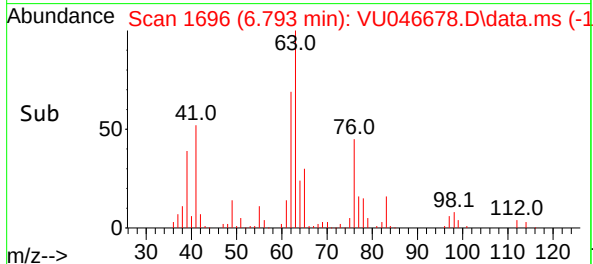
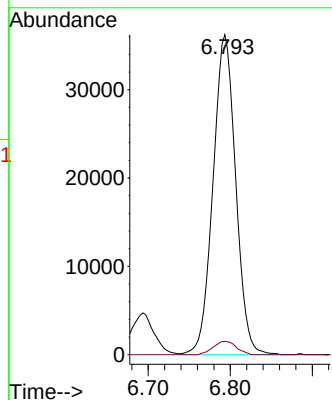
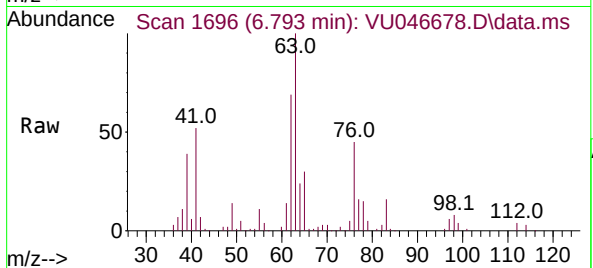
BFB039

Tgt Ion: 63 Resp: 69506

Ion Ratio Lower Upper

63 100

112 4.2 3.7 5.5



#38

Bromodichloromethane

Concen: 46.678 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

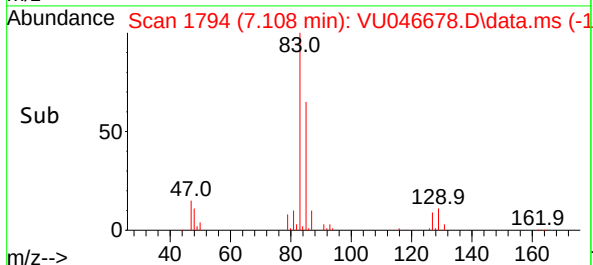
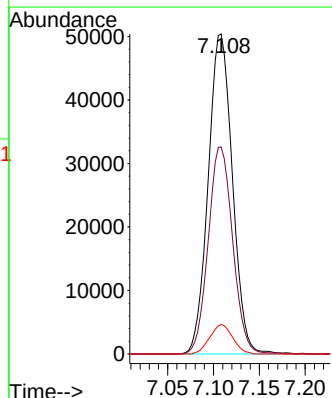
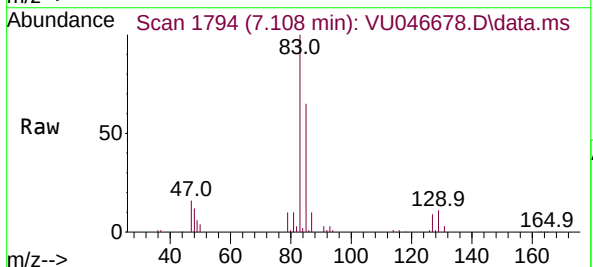
Tgt Ion: 83 Resp: 92588

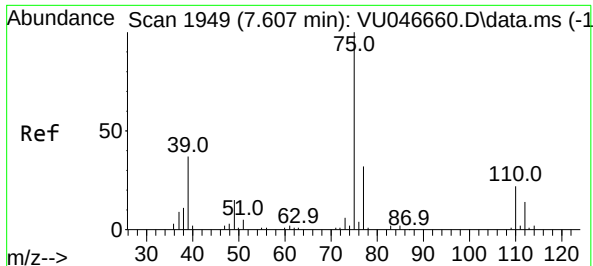
Ion Ratio Lower Upper

83 100

85 64.7 45.0 83.6

127 9.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 47.980 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

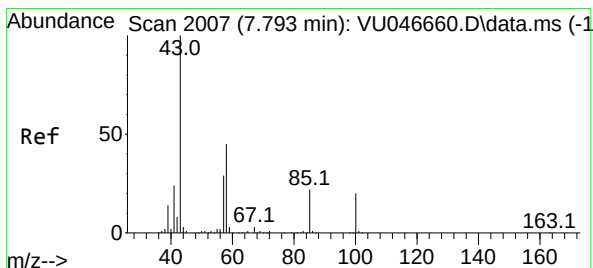
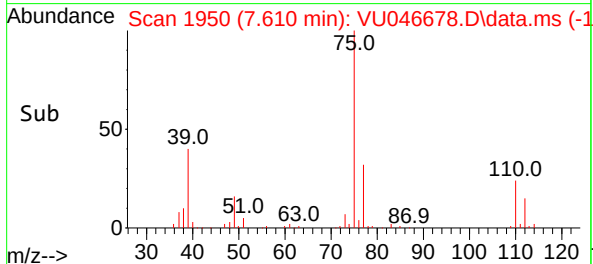
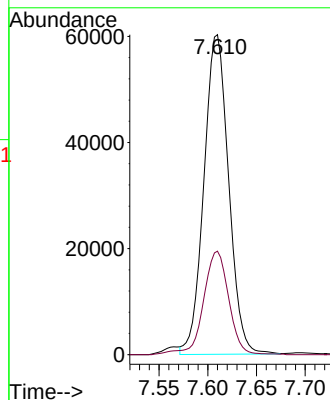
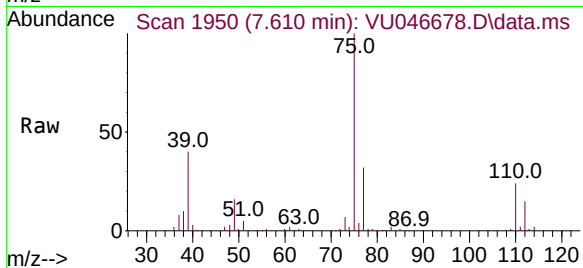
BFB039

Tgt Ion: 75 Resp: 106487

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 100.126 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

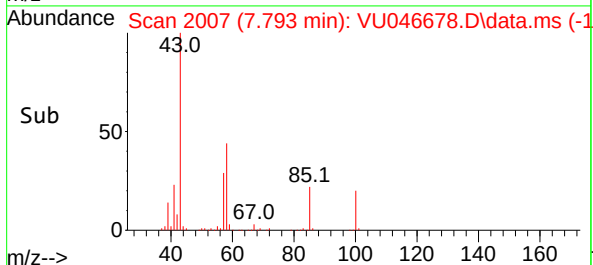
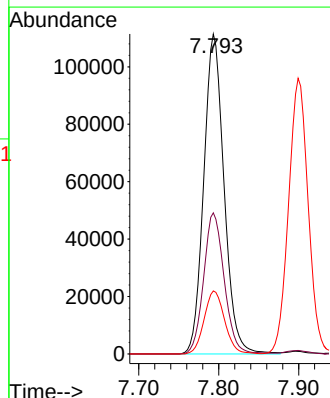
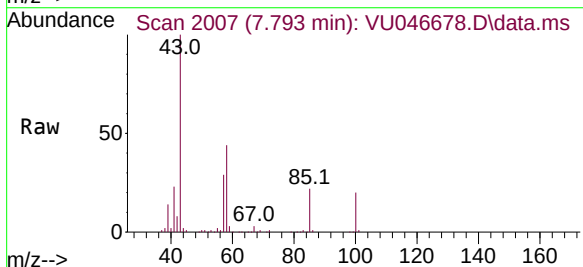
Tgt Ion: 43 Resp: 197427

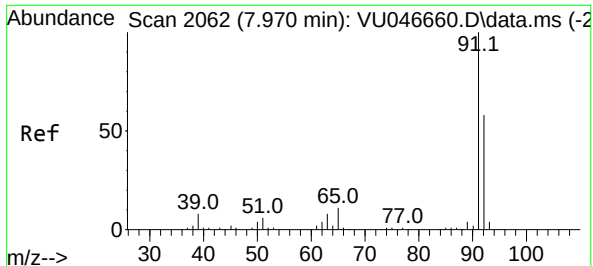
Ion Ratio Lower Upper

43 100

58 44.4 35.8 53.8

100 19.9 15.7 23.5

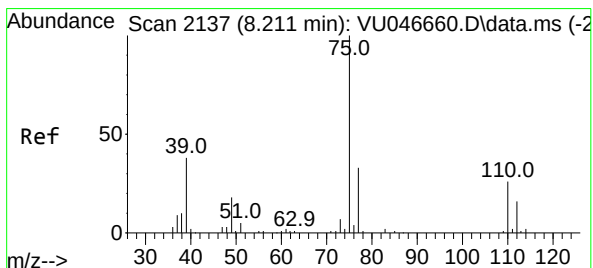
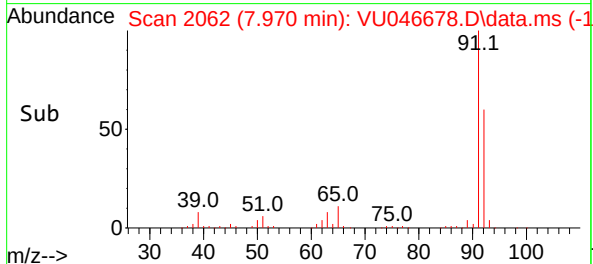
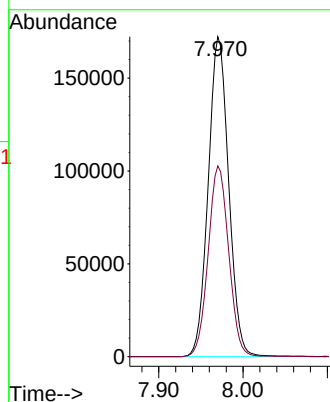
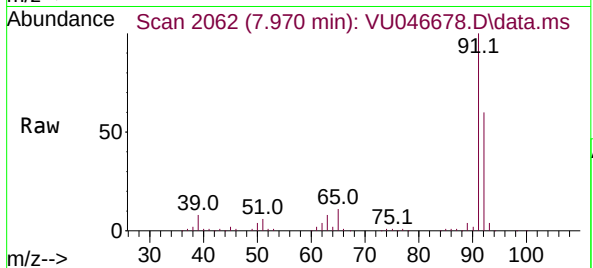




#42
Toluene
Concen: 48.947 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

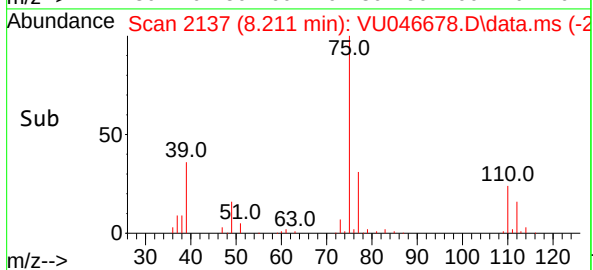
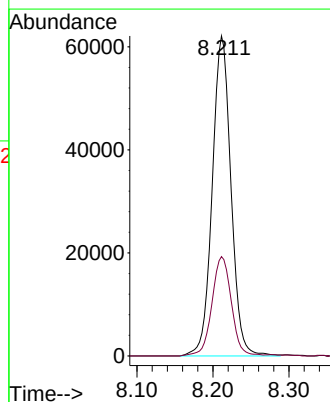
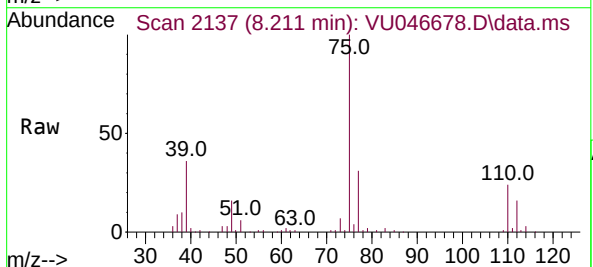
Instrument :
MSVOA_U
ClientSampleId :
BFB039

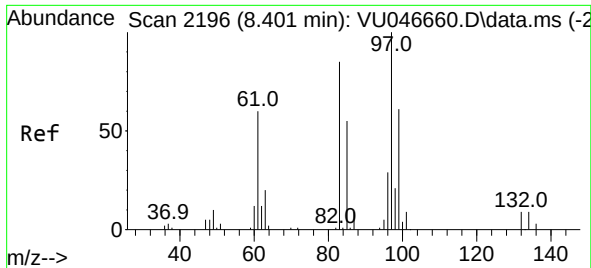
Tgt Ion: 91 Resp: 290973
Ion Ratio Lower Upper
91 100
92 59.6 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 49.319 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Tgt Ion: 75 Resp: 106193
Ion Ratio Lower Upper
75 100
77 31.1 23.0 42.8

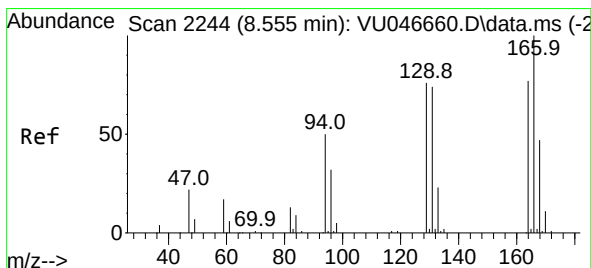
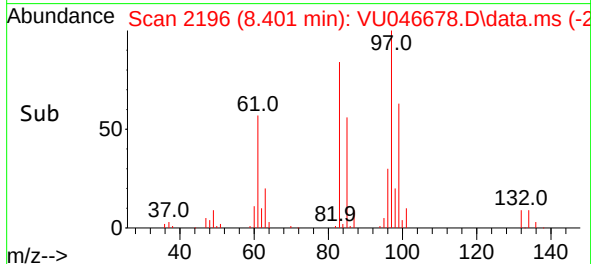
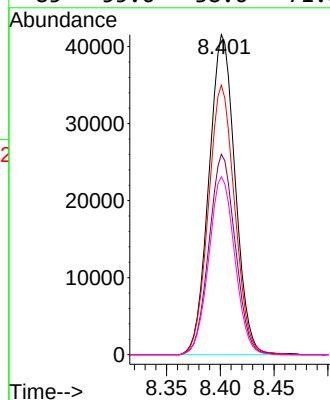
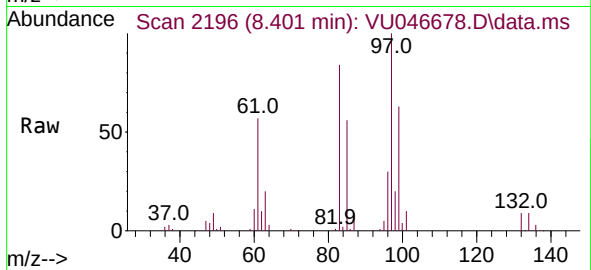




#45
1,1,2-Trichloroethane
Concen: 47.833 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

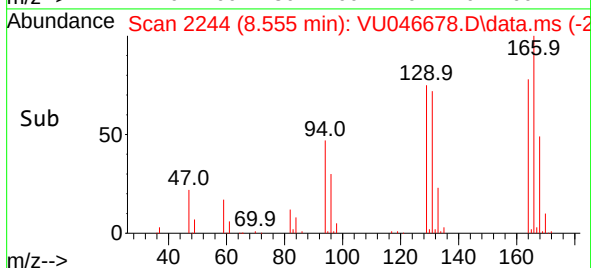
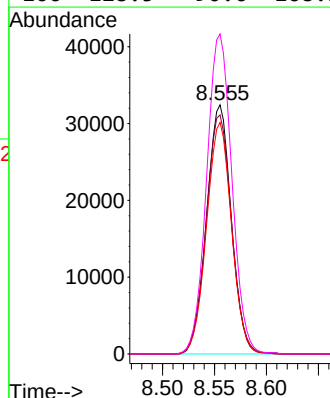
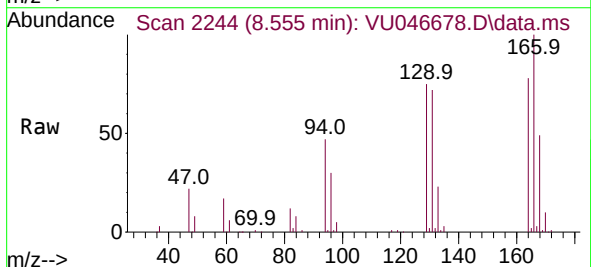
Instrument :
MSVOA_U
ClientSampleId :
BFB039

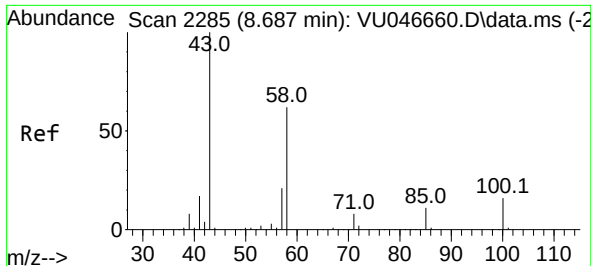
Tgt Ion: 97	Resp: 70492
Ion Ratio	Lower Upper
97 100	
99 62.7	42.4 78.8
83 84.3	59.4 110.4
85 55.6	38.6 71.8



#46
Tetrachloroethene
Concen: 48.088 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Tgt	Ion:164	Resp:	53941
Ion	Ratio	Lower	Upper
164	100		
129	96.0	69.5	129.1
131	92.9	67.0	124.4
166	128.5	90.6	168.2



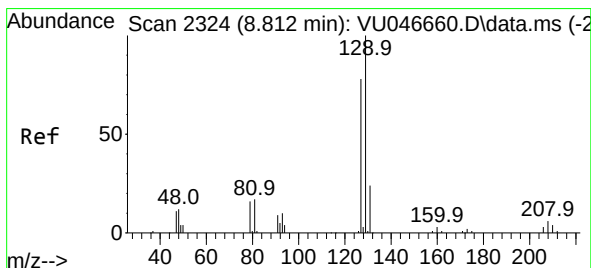
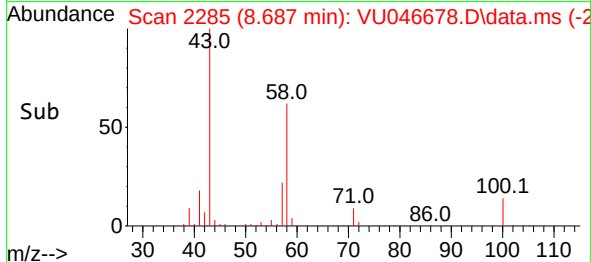
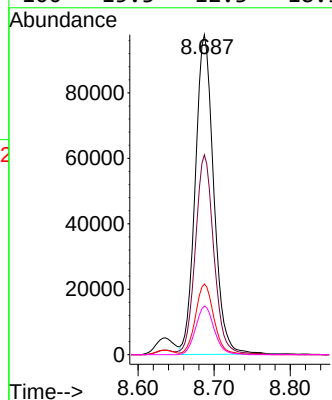
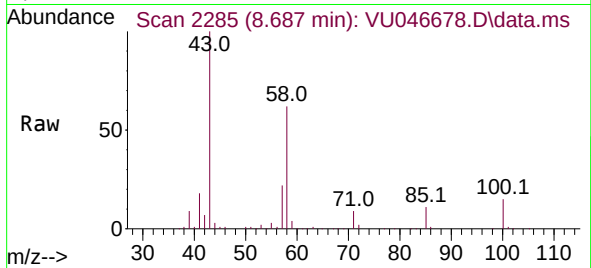


#48
2-Hexanone
Concen: 98.561 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Instrument :
MSVOA_U
ClientSampleId :
BFB039

Tgt Ion: 43 Resp: 164721

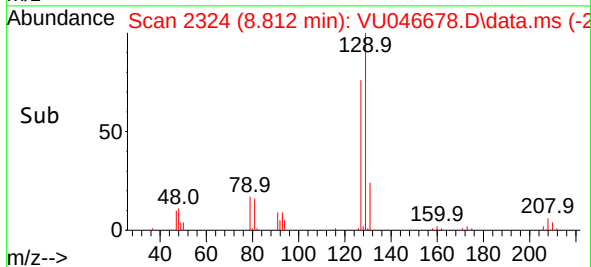
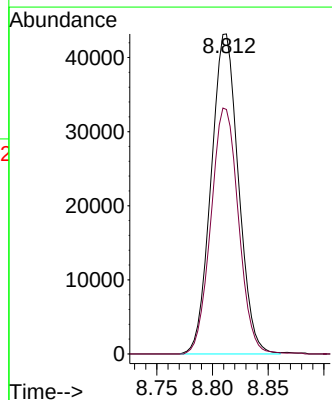
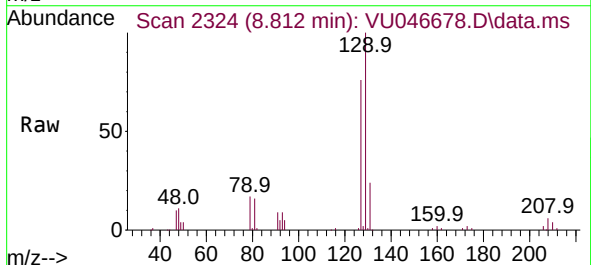
Ion	Ratio	Lower	Upper
43	100		
58	61.5	49.4	74.2
57	21.8	17.5	26.3
100	15.3	12.3	18.5

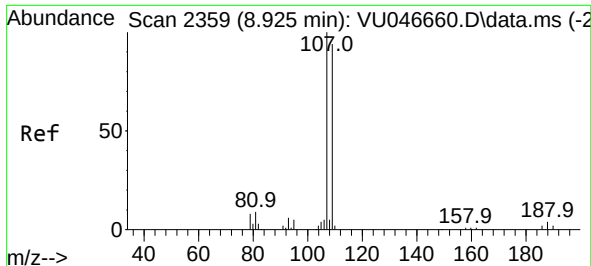


#49
Dibromochloromethane
Concen: 45.602 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Tgt Ion: 129 Resp: 73809

Ion	Ratio	Lower	Upper
129	100		
127	76.4	54.5	101.3

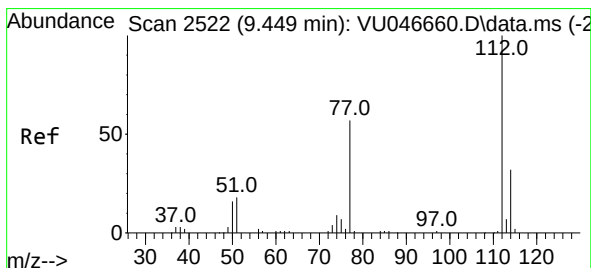
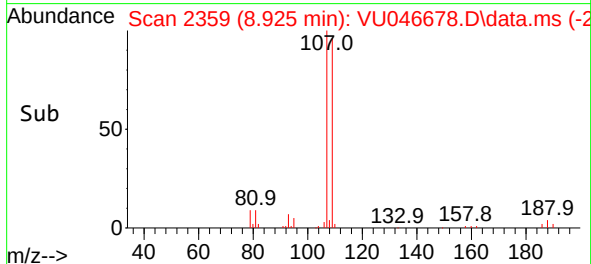
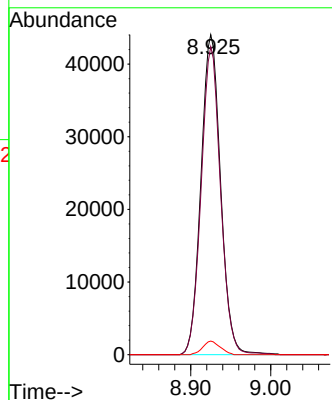
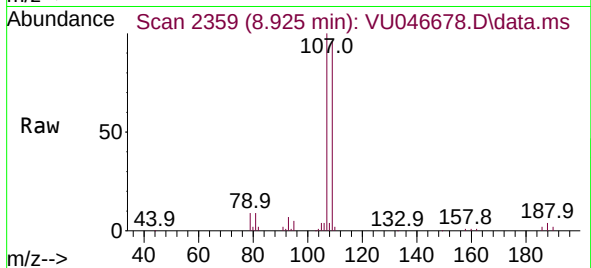




#50
1,2-Dibromoethane
Concen: 49.059 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

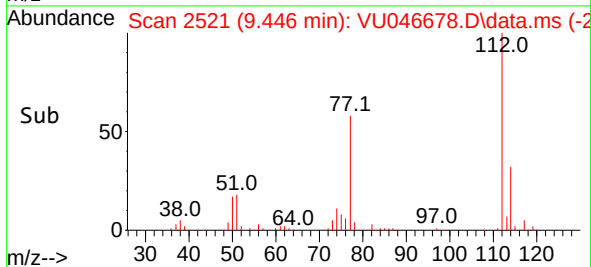
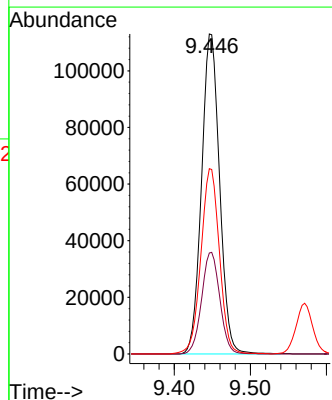
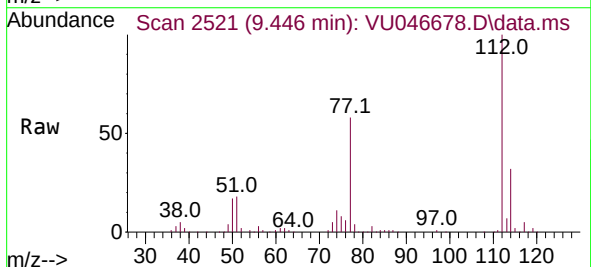
Instrument :
MSVOA_U
ClientSampleId :
BFB039

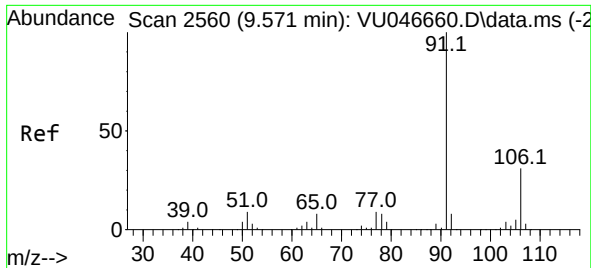
Tgt Ion:107 Resp: 75361
Ion Ratio Lower Upper
107 100
109 96.3 65.6 121.8
188 4.3 3.1 4.7



#51
Chlorobenzene
Concen: 48.130 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Tgt Ion:112 Resp: 185975
Ion Ratio Lower Upper
112 100
114 31.6 22.1 41.1
77 57.9 46.5 69.7

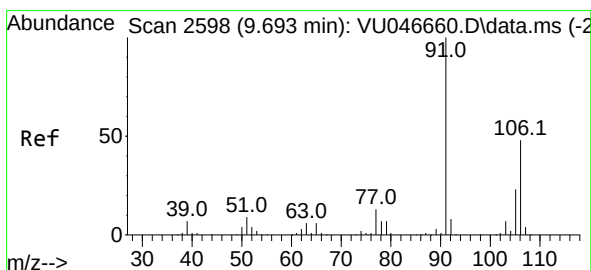
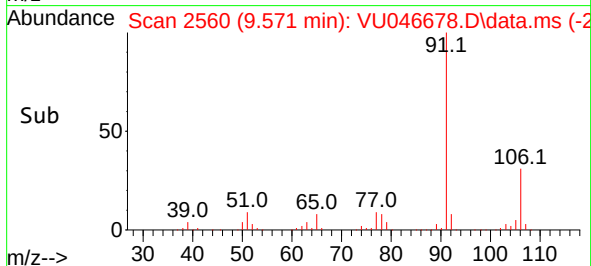
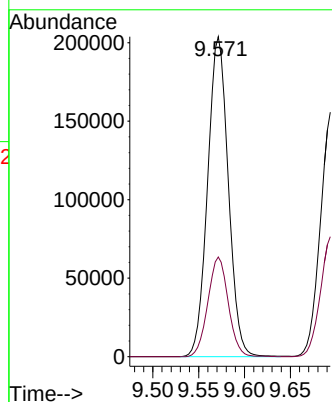
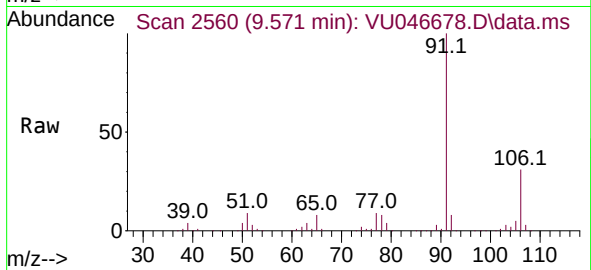




#52
Ethylbenzene
Concen: 50.594 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

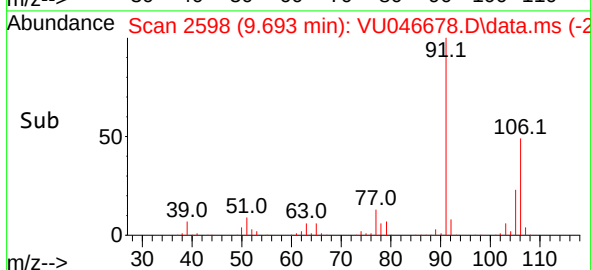
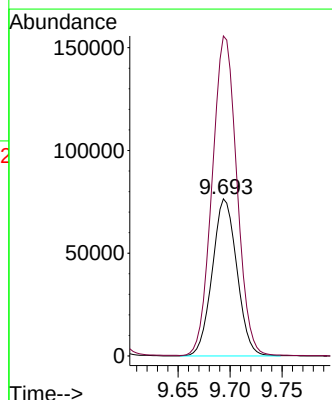
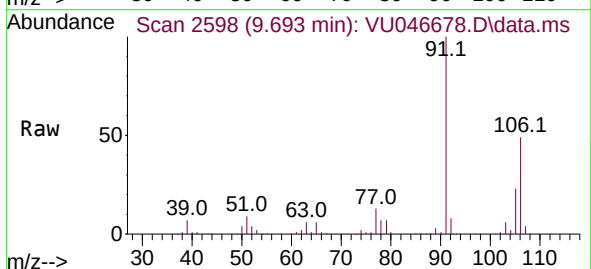
Instrument :
MSVOA_U
ClientSampleId :
BFB039

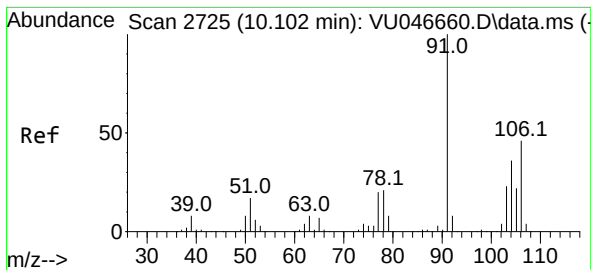
Tgt Ion: 91 Resp: 319079
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.4



#53
m,p-Xylene
Concen: 51.714 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Tgt Ion: 106 Resp: 125959
Ion Ratio Lower Upper
106 100
91 203.7 145.5 270.1





#54

o-xylene

Concen: 52.609 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

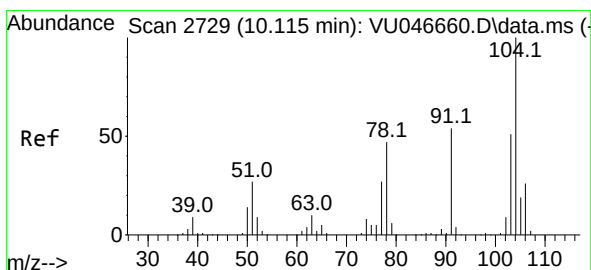
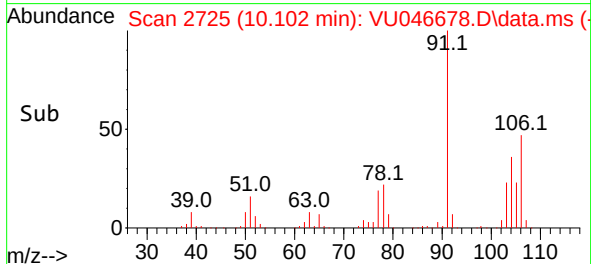
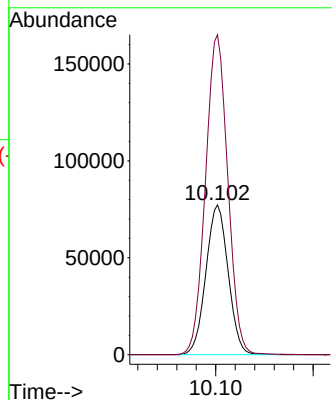
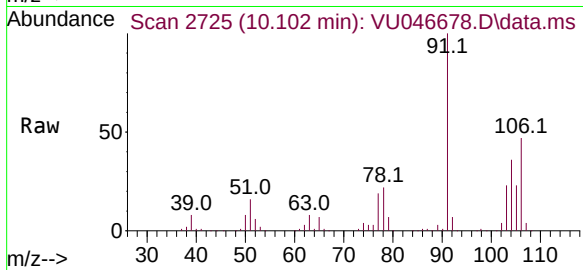
BFB039

Tgt Ion:106 Resp: 122533

Ion Ratio Lower Upper

106 100

91 213.8 152.0 282.2



#55

Styrene

Concen: 51.610 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU046678.D

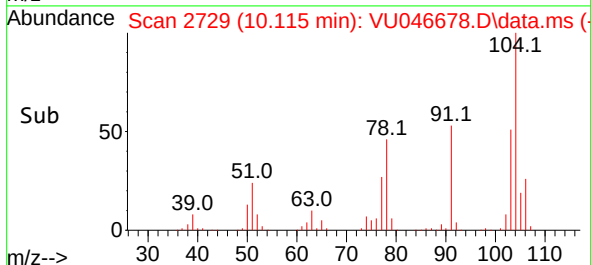
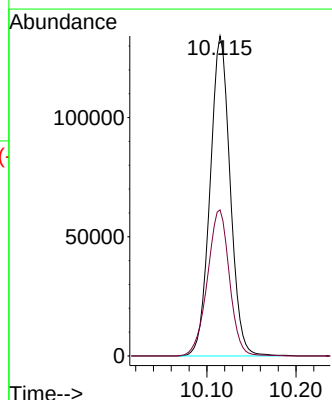
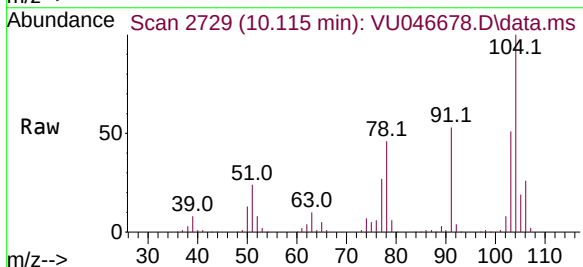
Acq: 05 Jan 2022 21:22

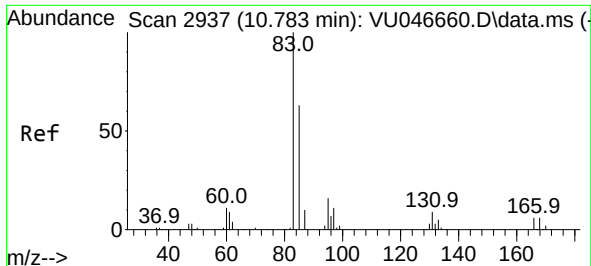
Tgt Ion:104 Resp: 210359

Ion Ratio Lower Upper

104 100

78 45.6 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 46.356 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

BFB039

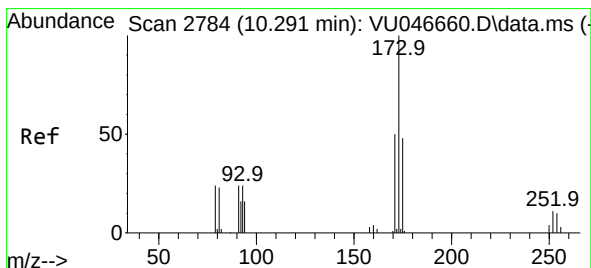
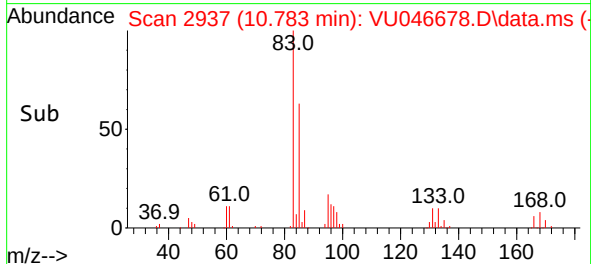
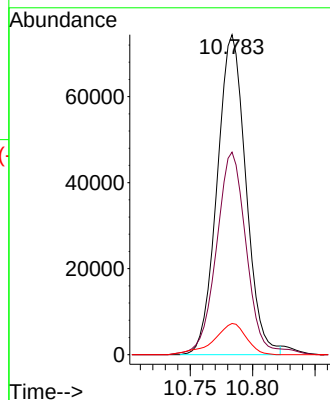
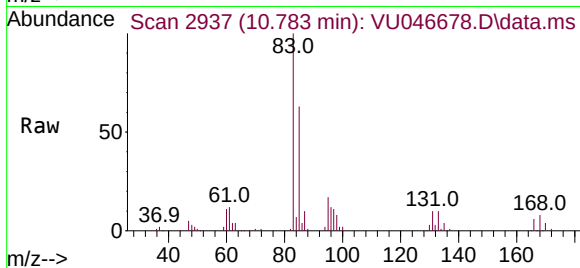
Tgt Ion: 83 Resp: 119480

Ion Ratio Lower Upper

83 100

85 63.3 44.7 83.1

131 9.7 7.8 11.6



#59

Bromoform

Concen: 46.489 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

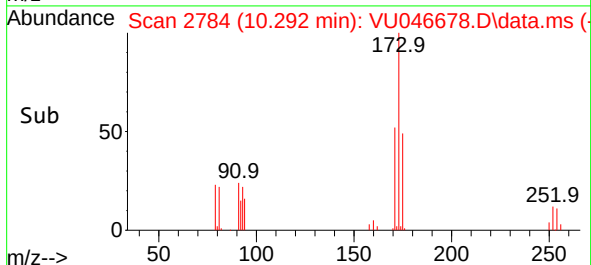
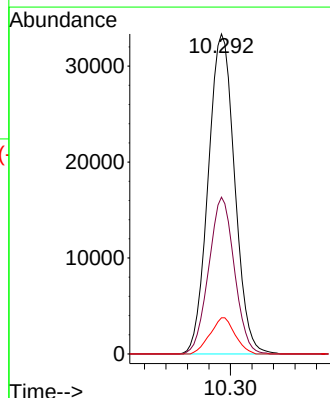
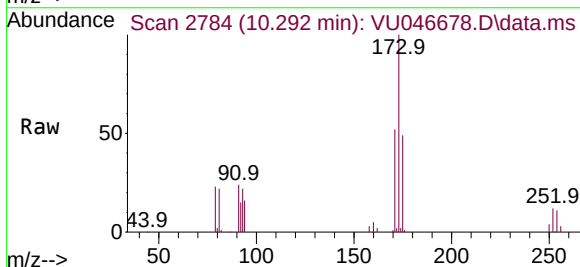
Tgt Ion:173 Resp: 56896

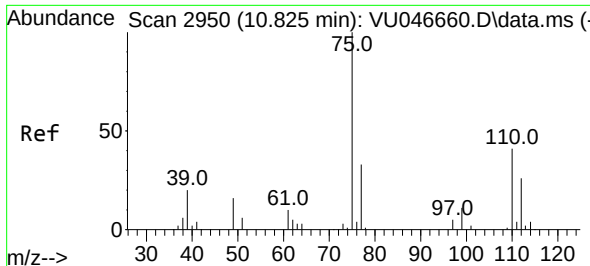
Ion Ratio Lower Upper

173 100

175 47.5 37.6 56.4

254 10.7 8.1 12.1

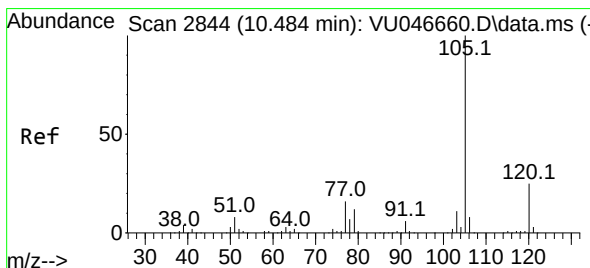
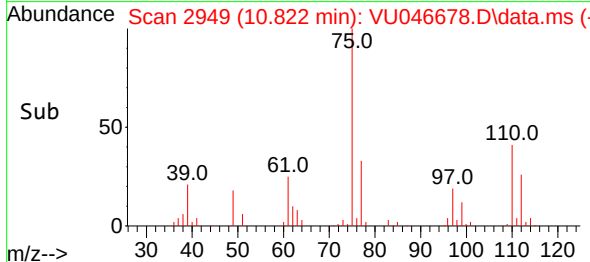
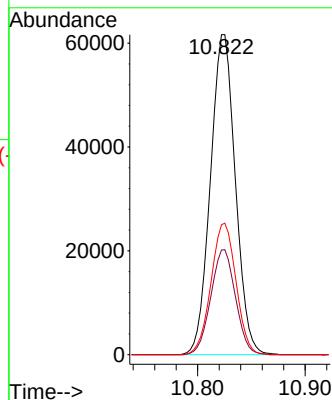
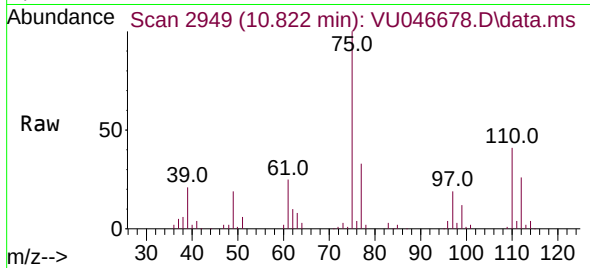




#60
1,2,3-Trichloropropane
Concen: 46.882 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

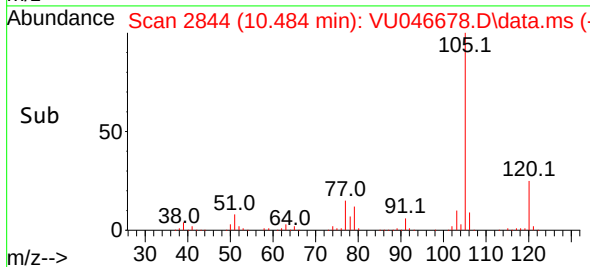
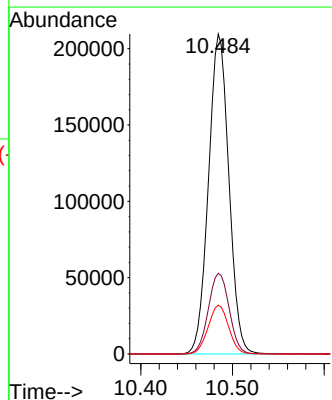
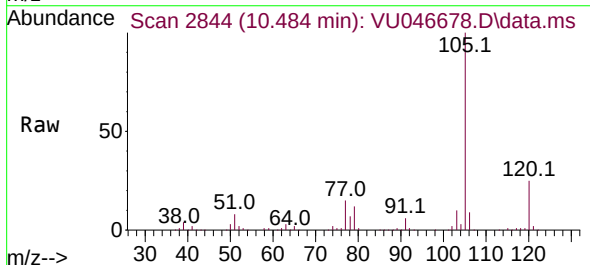
Instrument :
MSVOA_U
ClientSampleId :
BFB039

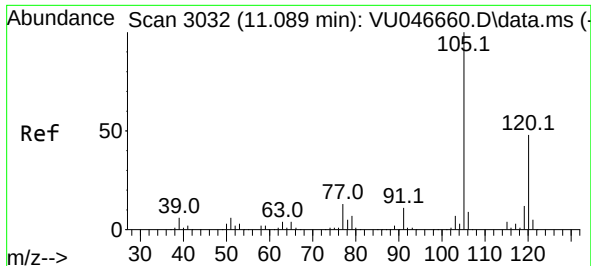
Tgt Ion: 75 Resp: 99359
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 41.1 32.5 48.7



#61
Isopropylbenzene
Concen: 52.572 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Tgt Ion: 105 Resp: 323433
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 15.3 12.6 18.8





#62

1,3,5-Trimethylbenzene

Concen: 53.110 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

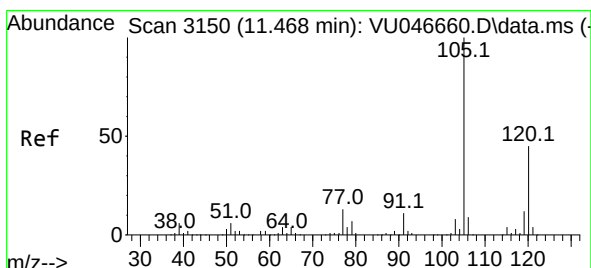
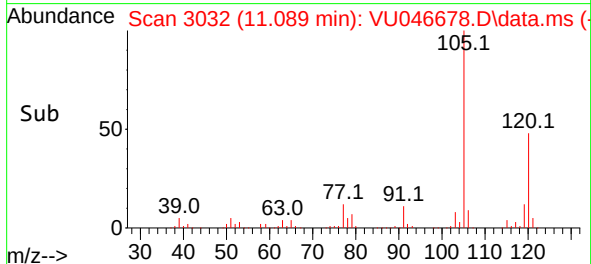
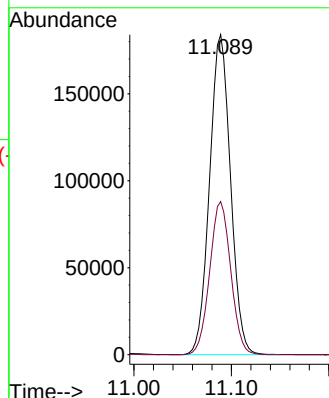
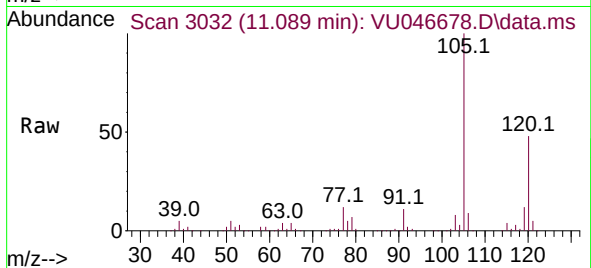
BFB039

Tgt Ion:105 Resp: 274663

Ion Ratio Lower Upper

105 100

120 48.1 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 53.951 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046678.D

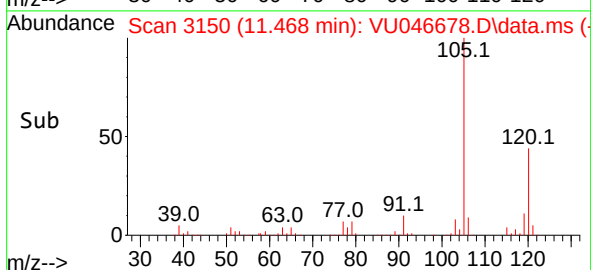
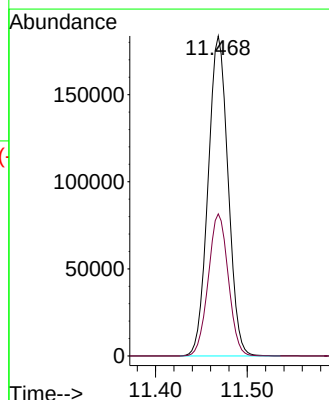
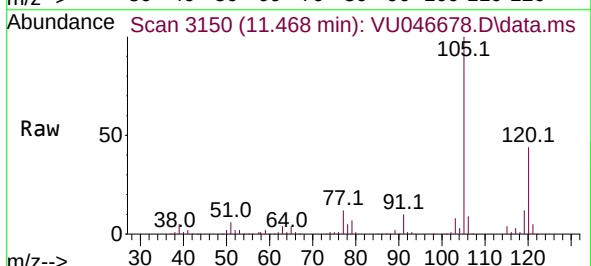
Acq: 05 Jan 2022 21:22

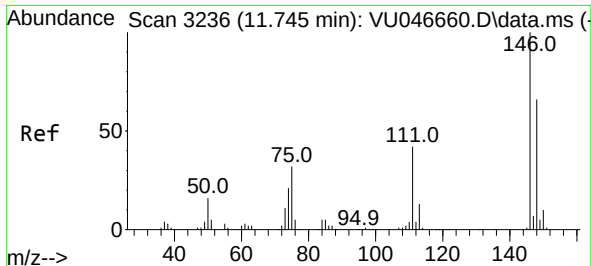
Tgt Ion:105 Resp: 278006

Ion Ratio Lower Upper

105 100

120 44.5 35.4 53.2

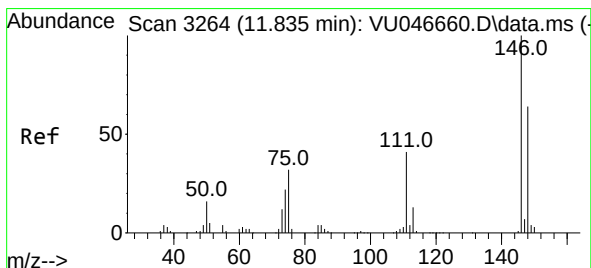
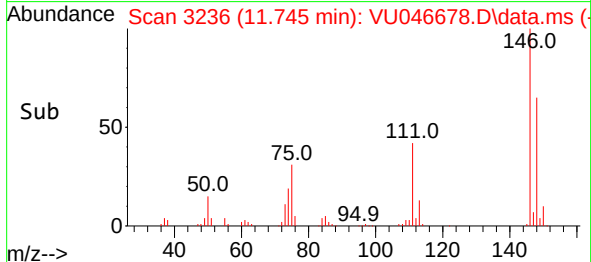
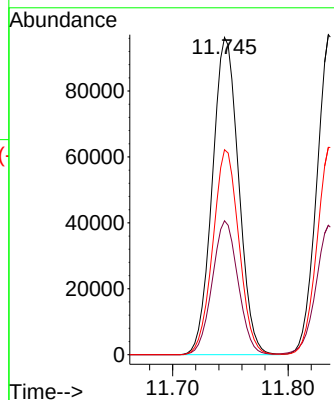
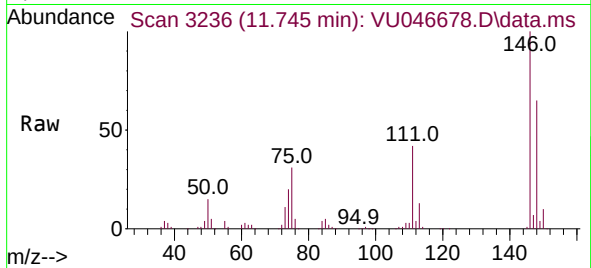




#64
 1,3-Dichlorobenzene
 Concen: 49.384 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU046678.D
 Acq: 05 Jan 2022 21:22

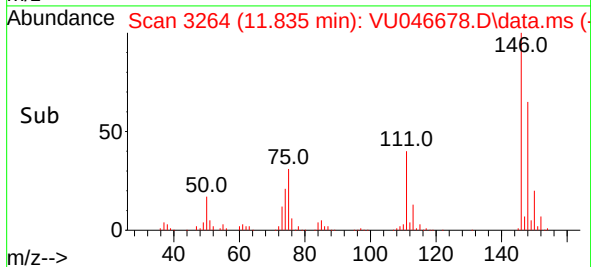
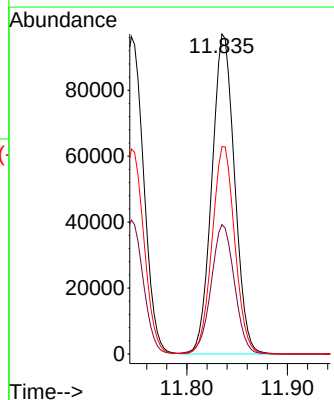
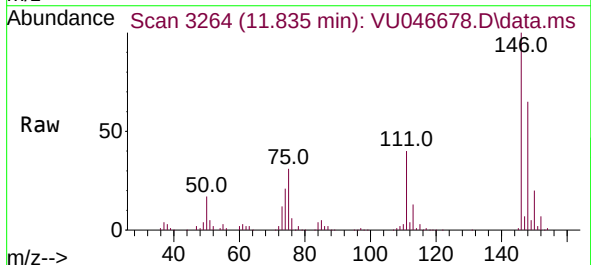
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB039

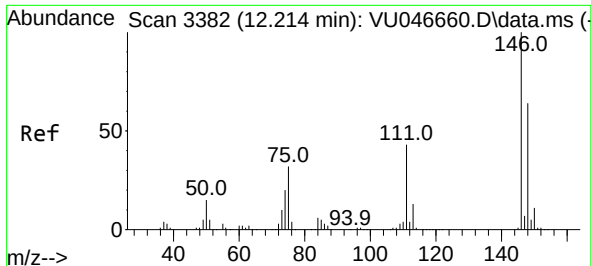
Tgt Ion:146 Resp: 152284
 Ion Ratio Lower Upper
 146 100
 111 42.2 29.4 54.6
 148 64.6 45.8 85.2



#65
 1,4-Dichlorobenzene
 Concen: 47.458 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU046678.D
 Acq: 05 Jan 2022 21:22

Tgt Ion:146 Resp: 152484
 Ion Ratio Lower Upper
 146 100
 111 40.4 28.9 53.7
 148 64.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 48.783 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

BFB039

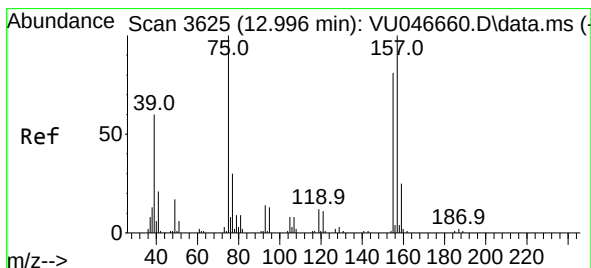
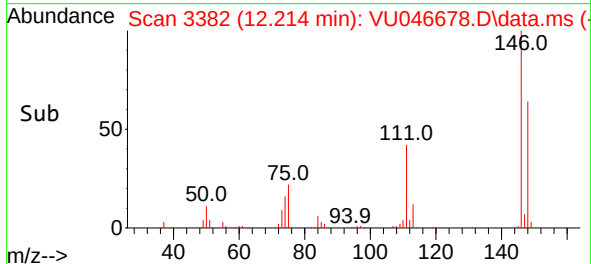
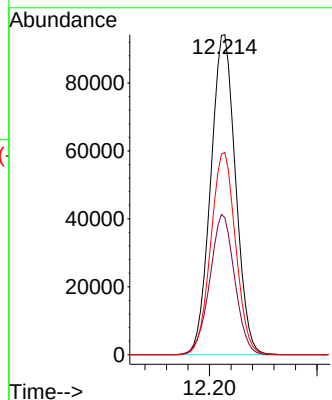
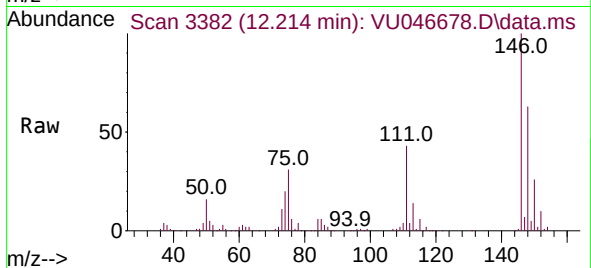
Tgt Ion:146 Resp: 151193

Ion Ratio Lower Upper

146 100

111 42.8 34.2 51.4

148 63.2 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 46.664 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

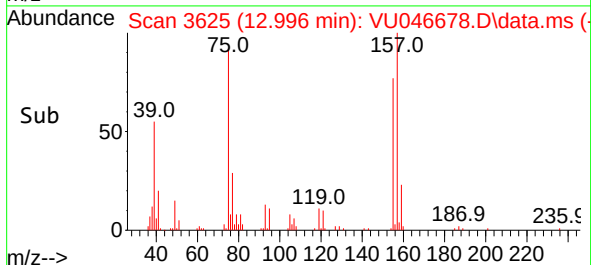
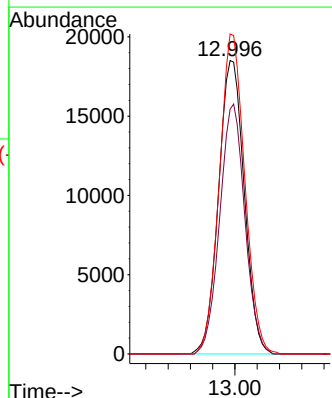
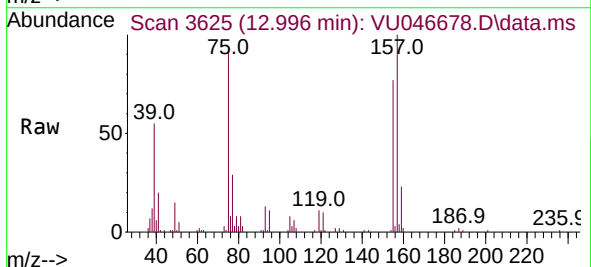
Tgt Ion: 75 Resp: 29605

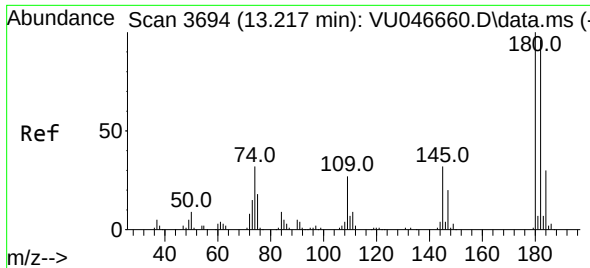
Ion Ratio Lower Upper

75 100

155 83.5 65.0 97.4

157 109.1 79.7 119.5

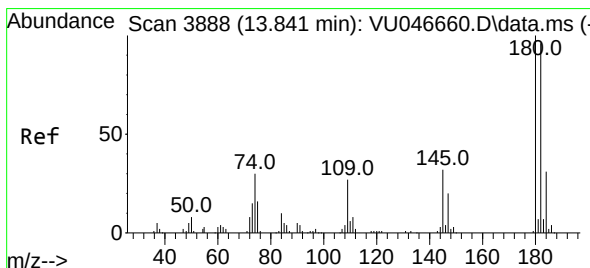
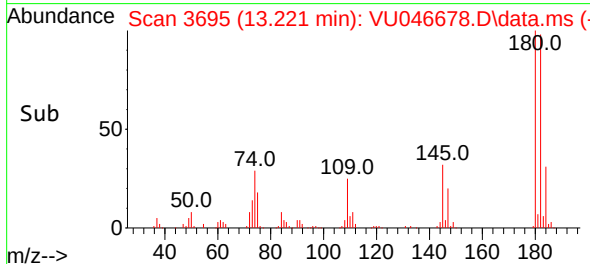
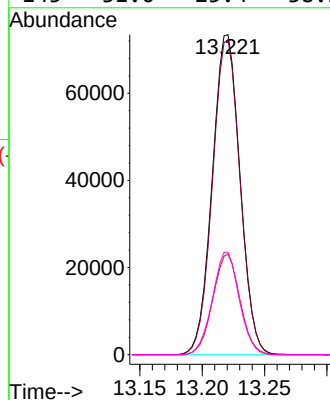
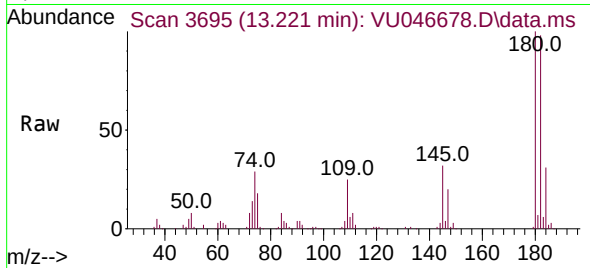




#69
1,3,5-Trichlorobenzene
Concen: 48.254 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.003 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

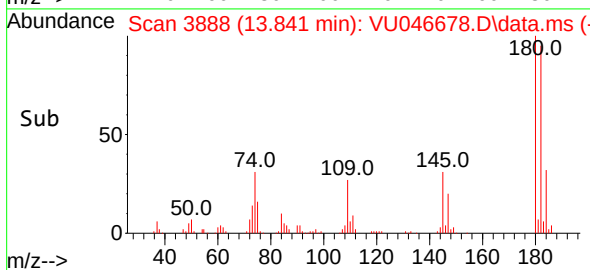
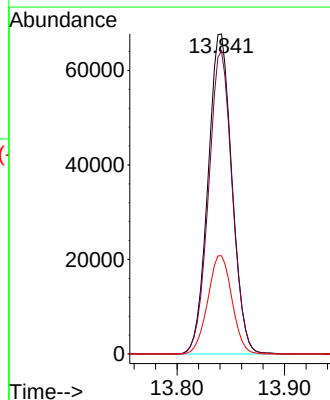
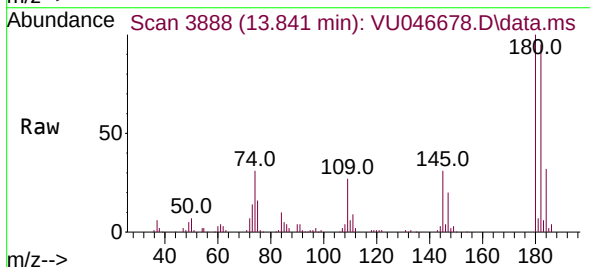
Instrument :
MSVOA_U
ClientSampleId :
BFB039

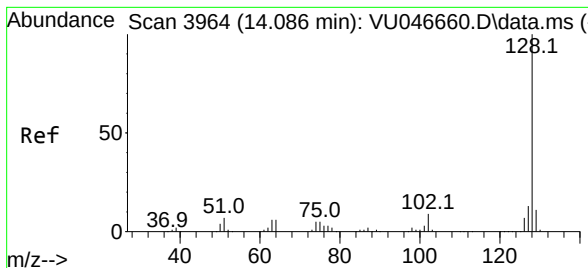
Tgt Ion:180 Resp: 113966
Ion Ratio Lower Upper
180 100
182 97.3 77.0 115.6
184 30.6 24.7 37.1
145 31.0 25.4 38.2



#70
1,2,4-trichlorobenzene
Concen: 51.894 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU046678.D
Acq: 05 Jan 2022 21:22

Tgt Ion:180 Resp: 104769
Ion Ratio Lower Upper
180 100
182 93.5 76.6 114.8
145 31.0 25.2 37.8





#71

Naphthalene

Concen: 56.146 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

BFB039

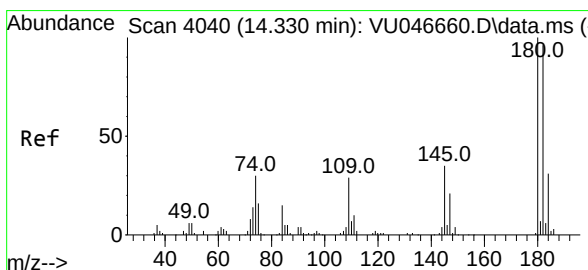
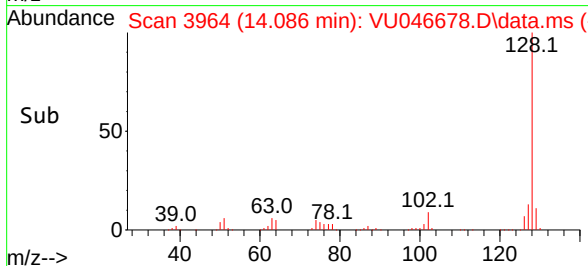
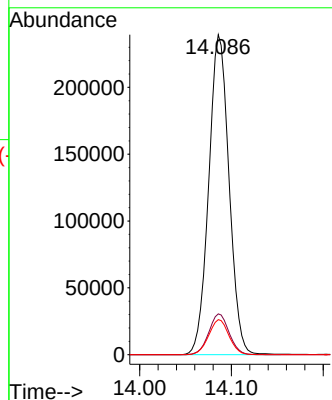
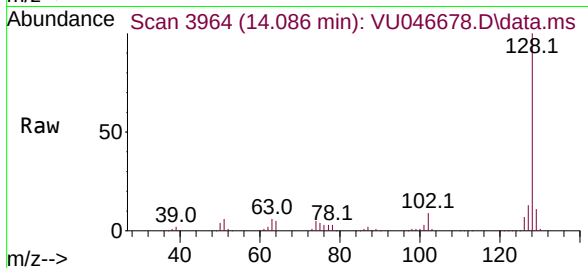
Tgt Ion:128 Resp: 368665

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 52.819 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU046678.D

Acq: 05 Jan 2022 21:22

Tgt Ion:180 Resp: 107755

Ion Ratio Lower Upper

180 100

182 94.7 76.6 115.0

145 33.0 27.4 41.2

