

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
 Data File : VU044611.D
 Acq On : 09 Sep 2021 13:30
 Operator : SY/MD
 Sample : VSTD00523
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 10 01:07:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 10 01:05:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	144148	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	144124	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	75011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	45327	4.028	ug/L	0.00
7) Chloroethane-d5	1.919	69	45146	4.527	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	23062	4.690	ug/L	0.00
20) 2-Butanone-d5	4.642	46	134332	40.356	ug/L	0.00
24) Chloroform-d	5.070	84	89315	4.429	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	54908	4.869	ug/L	0.00
32) Benzene-d6	5.736	84	197275	4.858	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	63276	4.864	ug/L	0.00
41) Toluene-d8	7.903	98	173162	4.815	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	23209	4.975	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	143294	55.069	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	55426	5.013	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	61521	4.839	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	62102	4.380	ug/L	100
3) Chloromethane	1.520	50	74038	4.009	ug/L	100
5) Vinyl chloride	1.607	62	76969	4.466	ug/L	100
6) Bromomethane	1.861	94	37171	3.984	ug/L	100
8) Chloroethane	1.938	64	48389	4.539	ug/L	100
9) Trichlorofluoromethane	2.144	101	87193	4.412	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	53181	4.820	ug/L	100
12) 1,1-Dichloroethene	2.585	96	50374	4.665	ug/L	100
13) Acetone	2.649	43	79575	29.903	ug/L	77
14) Carbon disulfide	2.800	76	155454	4.477	ug/L	100
15) Methyl Acetate	2.961	43	20590	4.906	ug/L	100
16) Methylene chloride	3.054	84	75714	4.544	ug/L	100
17) Methyl tert-butyl Ether	3.372	73	136661	4.869	ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	53199	4.724	ug/L	100
19) 1,1-Dichloroethane	3.880	63	108543	4.911	ug/L	100
21) 2-Butanone	4.720	43	162740	42.257	ug/L	89
22) cis-1,2-Dichloroethene	4.678	96	58283	4.842	ug/L	100
23) Bromochloromethane	4.980	128	24500	4.681	ug/L	100
25) Chloroform	5.096	83	117666	5.122	ug/L	100
27) 1,2-Dichloroethane	5.800	62	73462	4.891	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	86296	4.873	ug/L	100
30) Cyclohexane	5.395	56	97826	4.973	ug/L	100
31) Carbon tetrachloride	5.533	117	67542	4.681	ug/L	100
33) Benzene	5.781	78	238022	4.950	ug/L	100
34) Trichloroethene	6.549	95	57315	4.809	ug/L	100
35) Methylcyclohexane	6.771	83	94969	4.811	ug/L	100
37) 1,2-Dichloropropane	6.797	63	62709	4.960	ug/L	100
38) Bromodichloromethane	7.112	83	75554	4.897	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	88154	4.969	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	481345	54.858	ug/L	100
42) Toluene	7.973	91	249799	4.967	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	76747	5.089	ug/L	100

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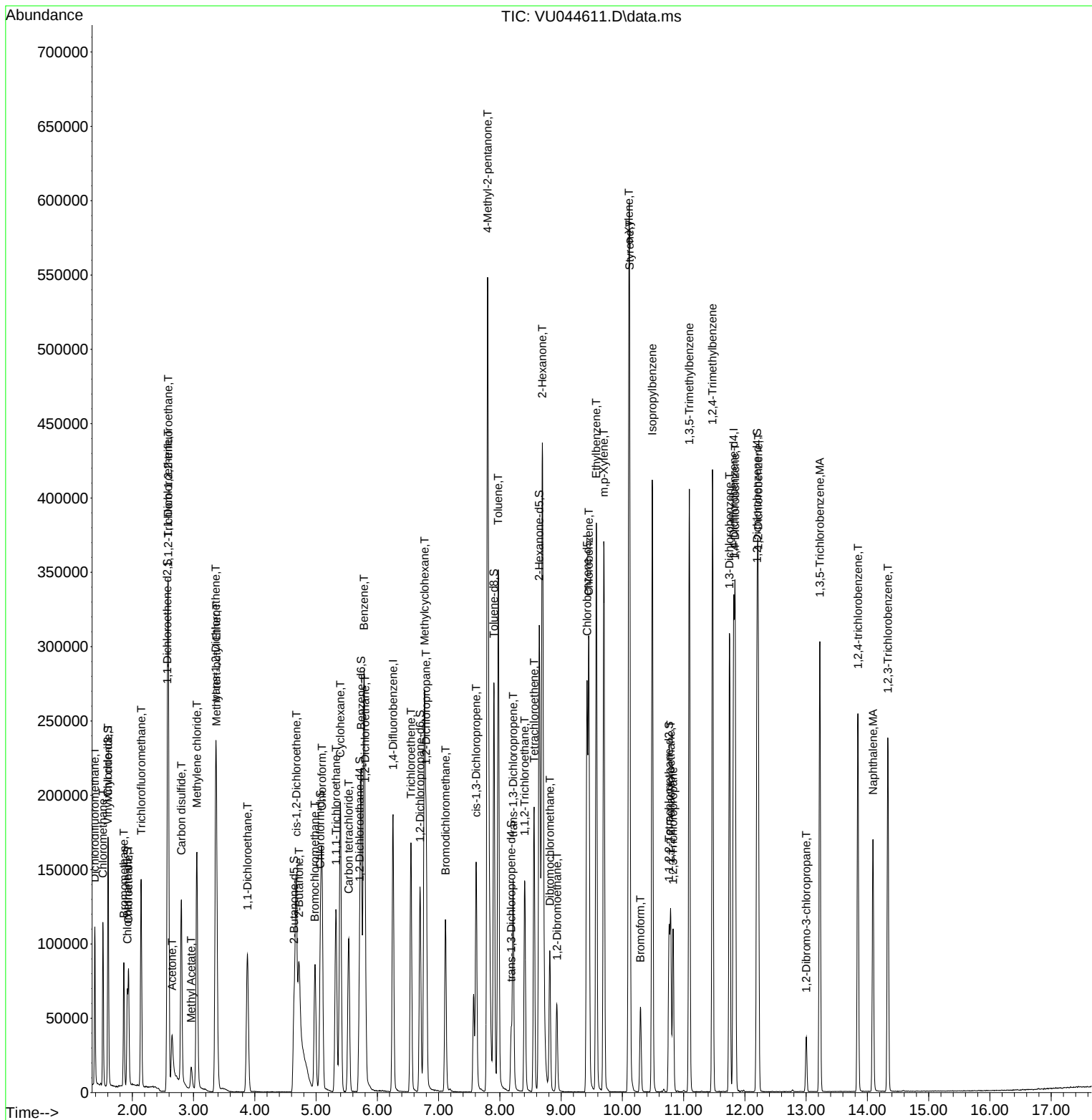
Quant Time: Sep 10 01:07:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 10 01:05:30 2021
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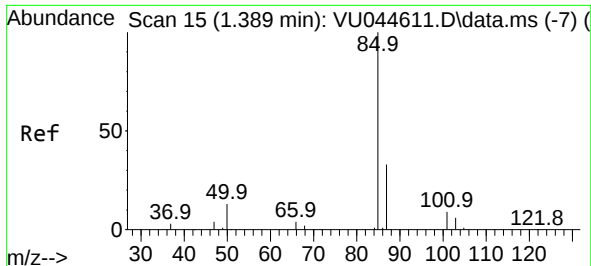
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.404	97	44847	4.994	ug/L	100
47) Tetrachloroethene	8.559	164	40675	4.920	ug/L	100
48) 2-Hexanone	8.694	43	357252	56.497	ug/L	100
49) Dibromochloromethane	8.816	129	46705	4.929	ug/L	100
50) 1,2-Dibromoethane	8.932	107	42080	4.897	ug/L	100
51) Chlorobenzene	9.452	112	149055	4.849	ug/L	100
52) Ethylbenzene	9.575	91	263167	4.964	ug/L	100
53) m,p-Xylene	9.697	106	101777	5.096	ug/L	100
54) o-Xylene	10.105	106	96736	5.006	ug/L	100
55) Styrene	10.118	104	172649	5.337	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	59715	5.053	ug/L	100
59) Bromoform	10.295	173	25362	4.886	ug/L	100
60) Isopropylbenzene	10.488	105	256973	4.803	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	45007	4.862	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	212514	4.854	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	220401	4.912	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	116921	4.939	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	118638	4.939	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	111805	4.961	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	9984	5.200	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	85167	5.048	ug/L	100
70) 1,2,4-trichlorobenzene	13.845	180	71364	5.343	ug/L	100
71) Naphthalene	14.092	128	130583	5.168	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	65994	5.405	ug/L	100

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

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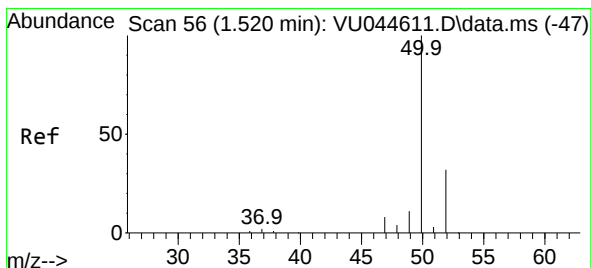
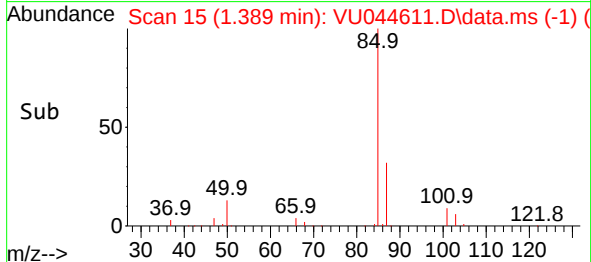
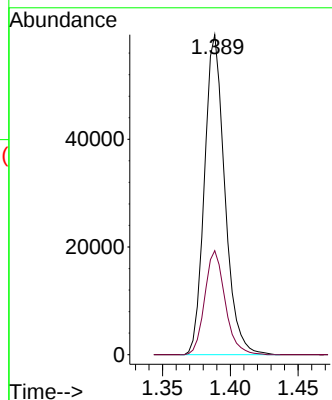
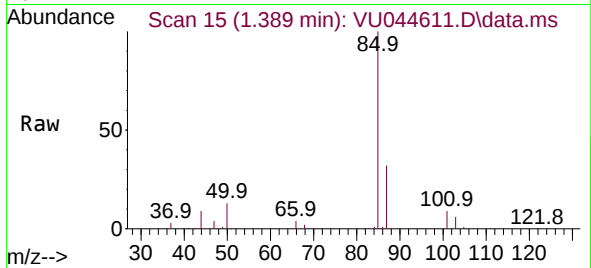




#2
Dichlorodifluoromethane
Concen: 4.380 ug/L
RT: 1.389 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

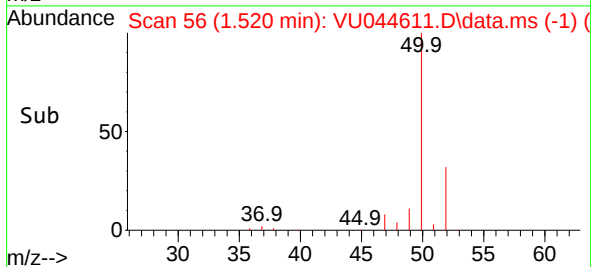
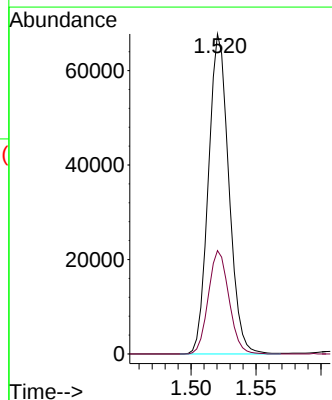
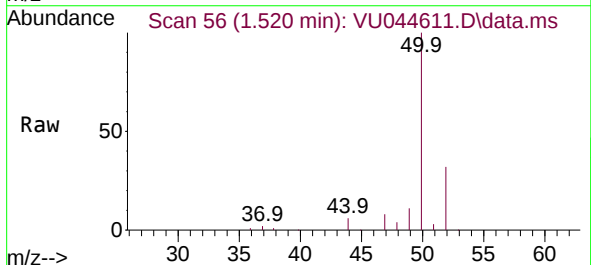
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MSVOA_U
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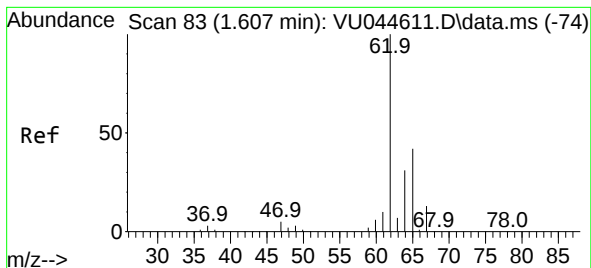
Tgt Ion: 85 Resp: 62102
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



#3
Chloromethane
Concen: 4.009 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion: 50 Resp: 74038
Ion Ratio Lower Upper
50 100
52 32.3 22.6 42.0





#5

Vinyl chloride

Concen: 4.466 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU044611.D

Acq: 09 Sep 2021 13:30

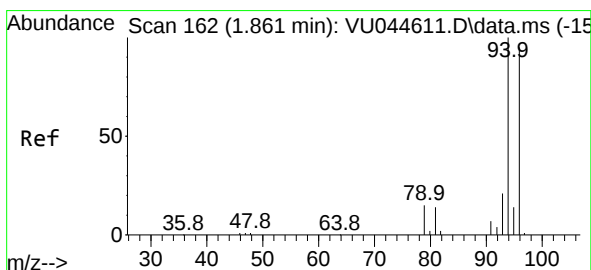
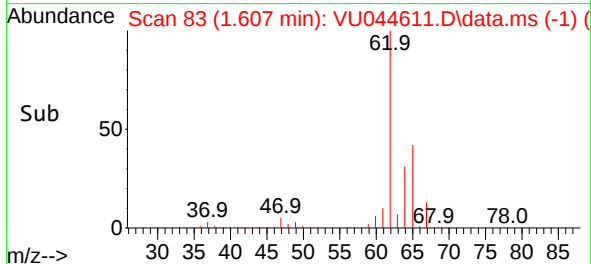
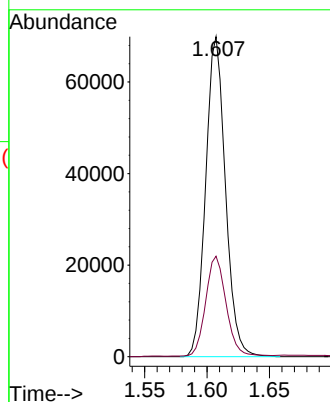
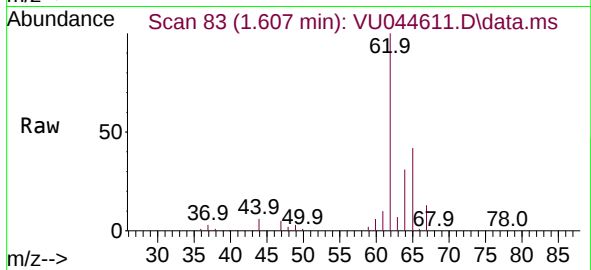
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 76969

Ion Ratio Lower Upper

62 100

64 31.4 22.0 40.8



#6

Bromomethane

Concen: 3.984 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU044611.D

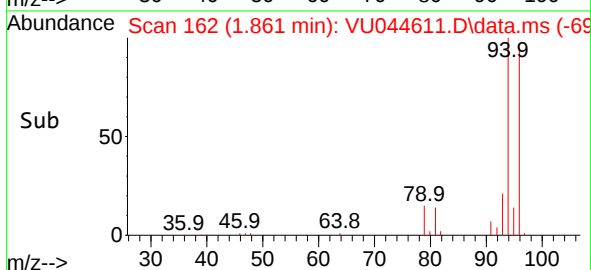
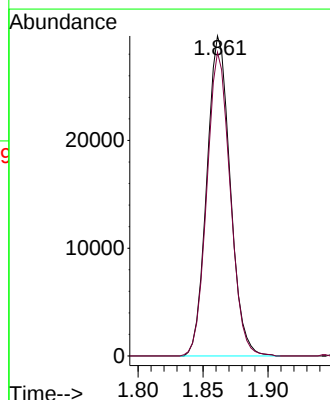
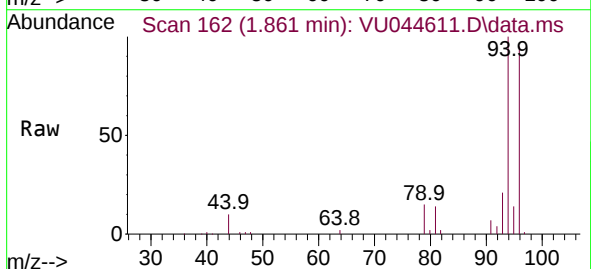
Acq: 09 Sep 2021 13:30

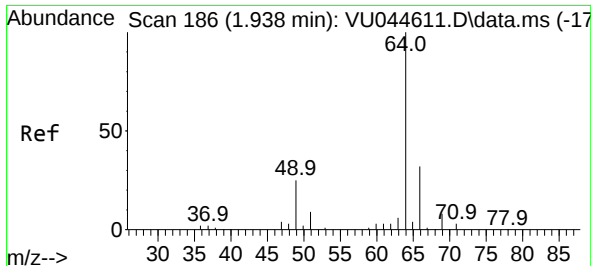
Tgt Ion: 94 Resp: 37171

Ion Ratio Lower Upper

94 100

96 94.9 66.4 123.4

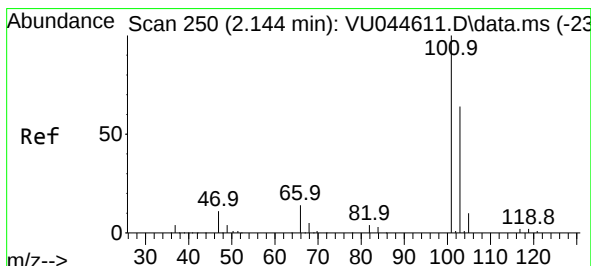
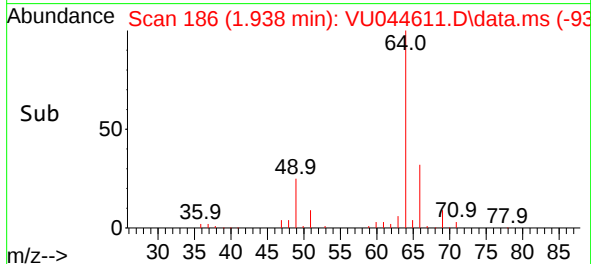
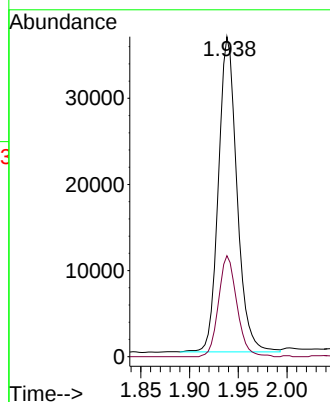
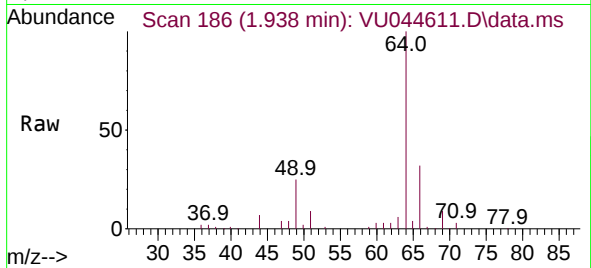




#8
Chloroethane
Concen: 4.539 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

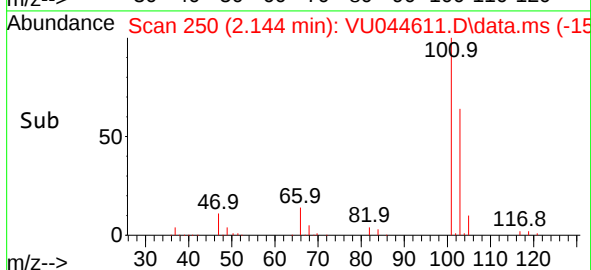
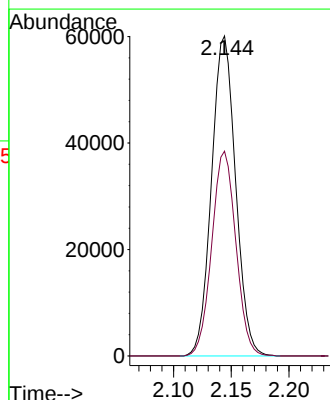
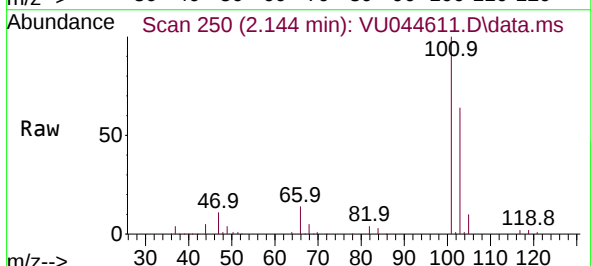
Instrument :
MSVOA_U
ClientSampleId :

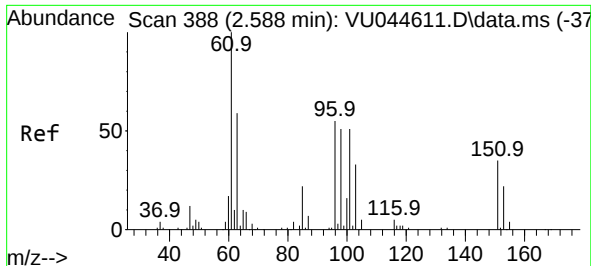
Tgt Ion: 64 Resp: 48389
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.412 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion:101 Resp: 87193
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

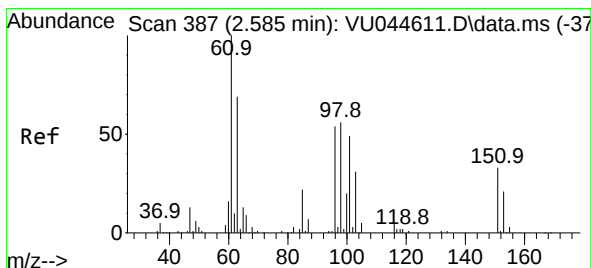
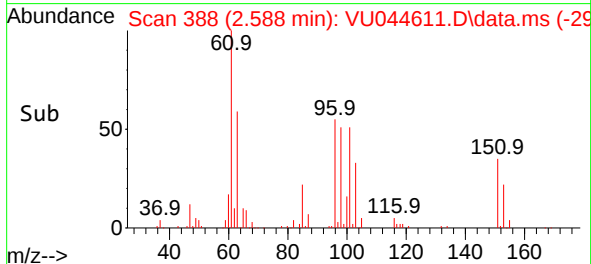
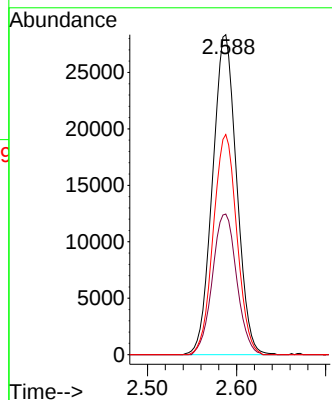
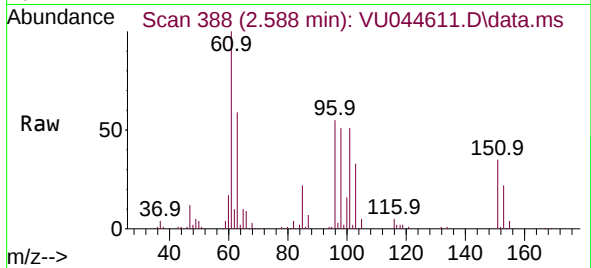




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.820 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU044611.D
 Acq: 09 Sep 2021 13:30

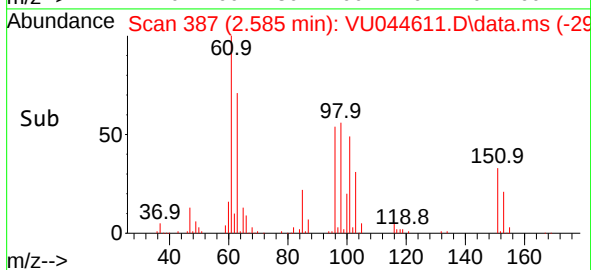
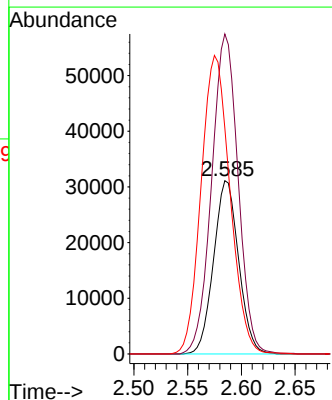
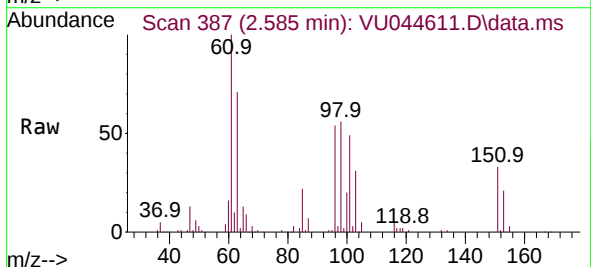
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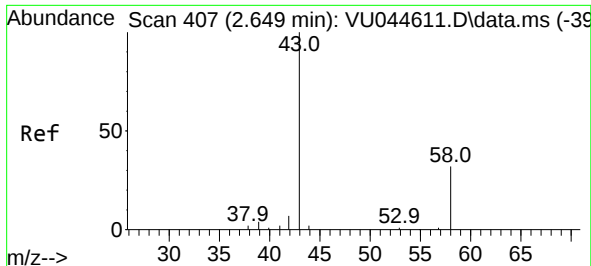
Tgt Ion:101 Resp: 53181
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.4 53.2
 151 67.4 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 4.665 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU044611.D
 Acq: 09 Sep 2021 13:30

Tgt Ion: 96 Resp: 50374
 Ion Ratio Lower Upper
 96 100
 61 184.7 129.3 240.1
 63 130.4 91.3 169.5

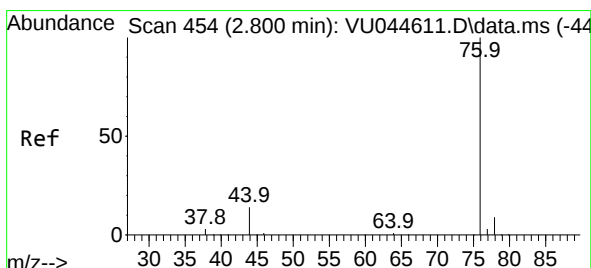
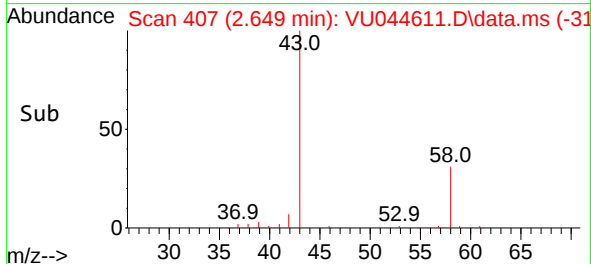
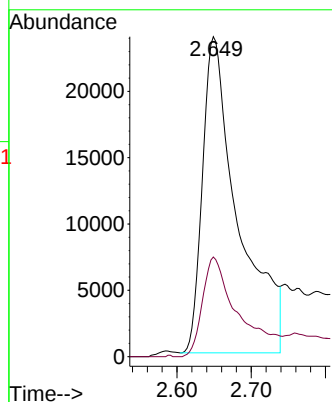
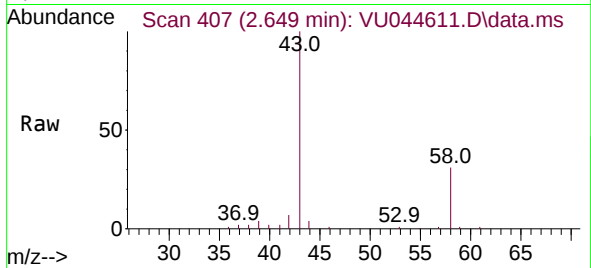




#13
Acetone
Concen: 29.903 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

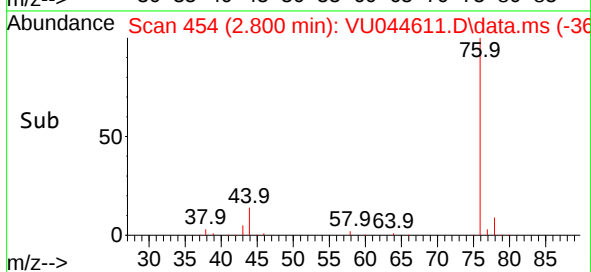
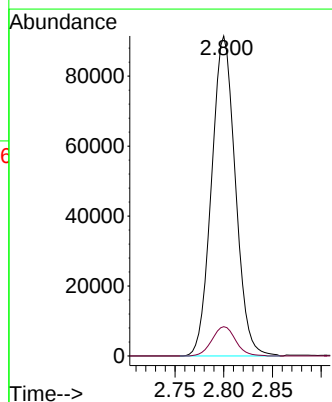
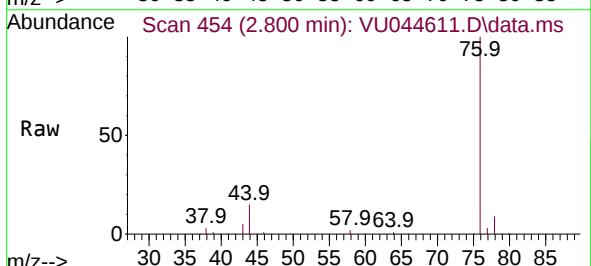
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MSVOA_U
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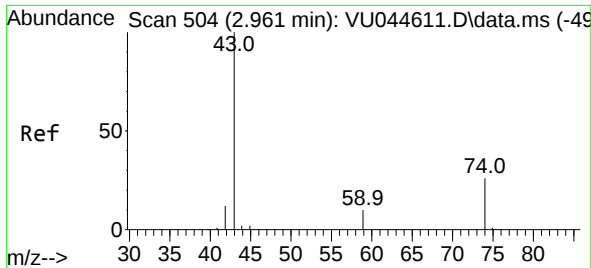
Tgt Ion: 43 Resp: 79575
Ion Ratio Lower Upper
43 100
58 32.2 0.0 42.4



#14
Carbon disulfide
Concen: 4.477 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion: 76 Resp: 155454
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

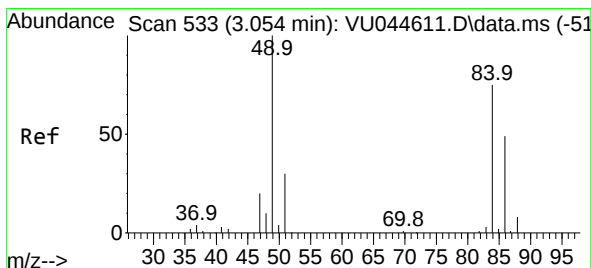
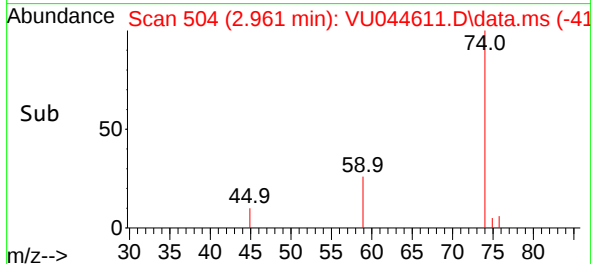
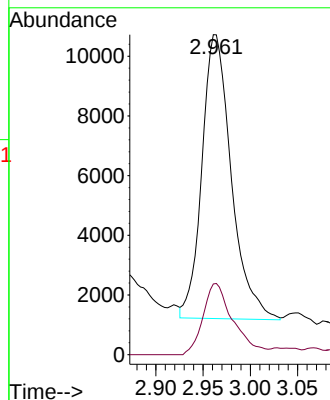
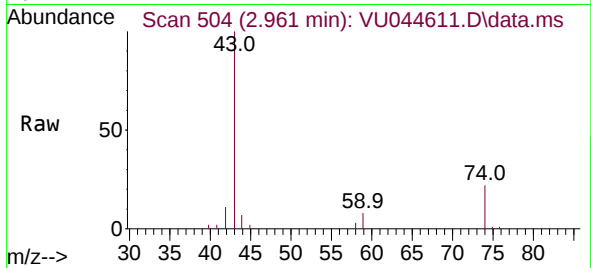




#15
Methyl Acetate
Concen: 4.906 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

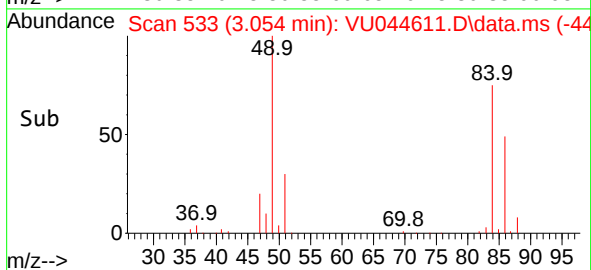
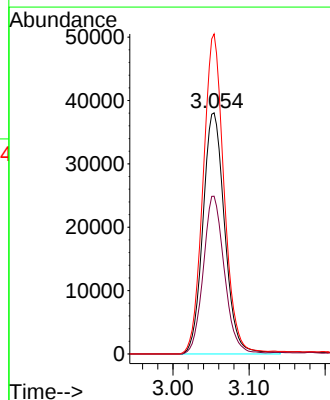
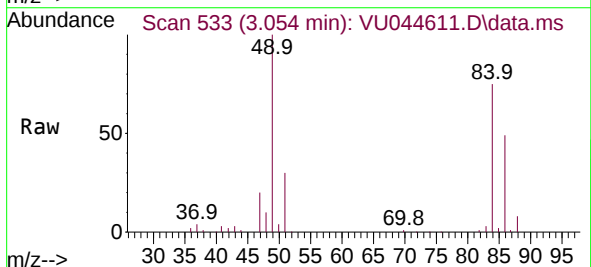
Instrument :
MSVOA_U
ClientSampleId :

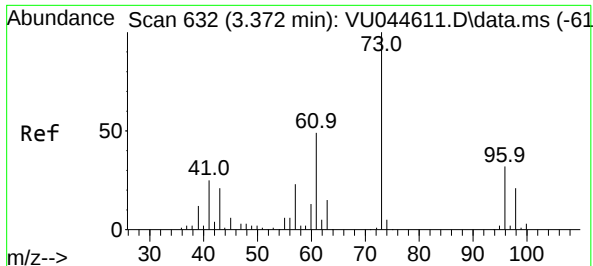
Tgt Ion: 43 Resp: 20590
Ion Ratio Lower Upper
43 100
74 25.7 20.6 30.8



#16
Methylene chloride
Concen: 4.544 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion: 84 Resp: 75714
Ion Ratio Lower Upper
84 100
86 65.5 45.8 85.2
49 132.7 92.9 172.5



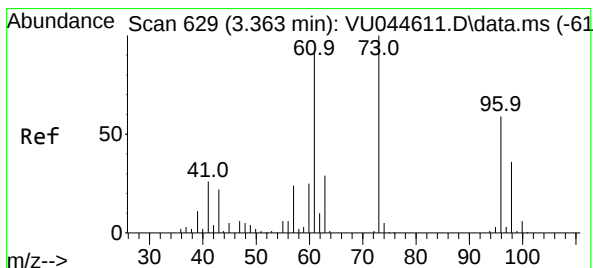
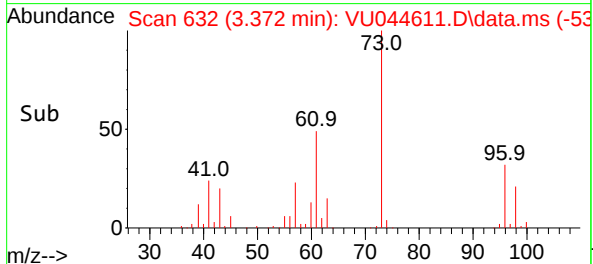
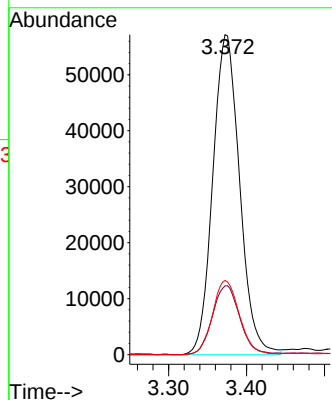
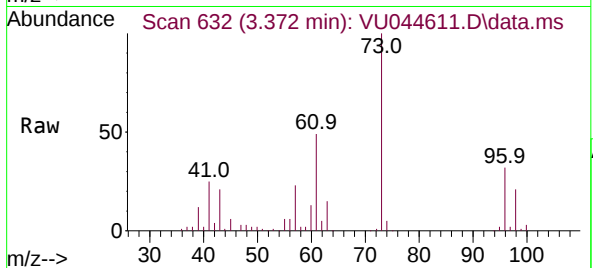


#17

Methyl tert-butyl Ether
Concen: 4.869 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Instrument :
MSVOA_U
ClientSampleId :

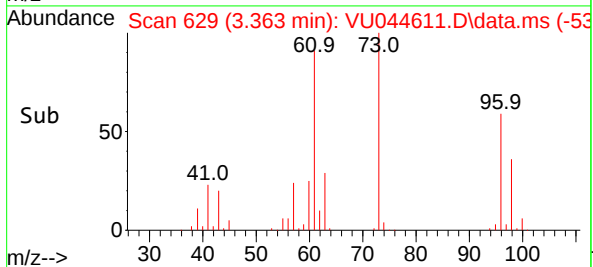
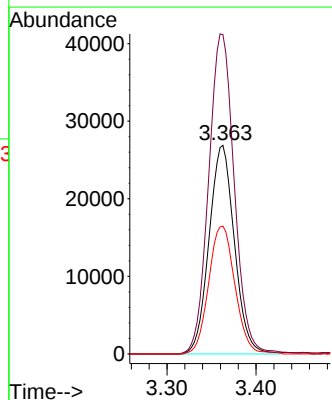
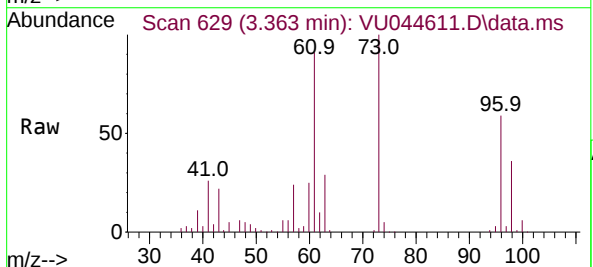
Tgt Ion: 73	Resp: 136661
Ion Ratio	Lower Upper
73 100	
43 22.2	17.8 26.6
57 23.2	18.6 27.8

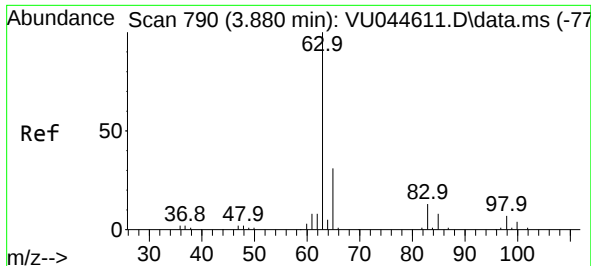


#18

trans-1,2-Dichloroethene
Concen: 4.724 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion: 96	Resp: 53199
Ion Ratio	Lower Upper
96 100	
61 153.1	107.2 199.0
98 61.2	42.8 79.6





#19

1,1-Dichloroethane

Concen: 4.911 ug/L

RT: 3.880 min Scan# 790

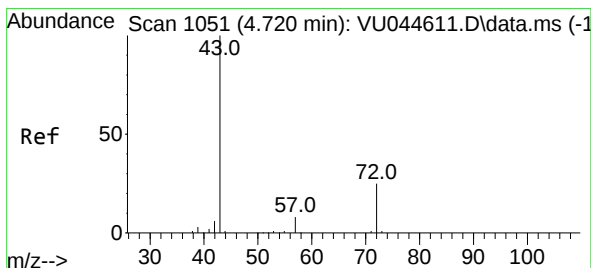
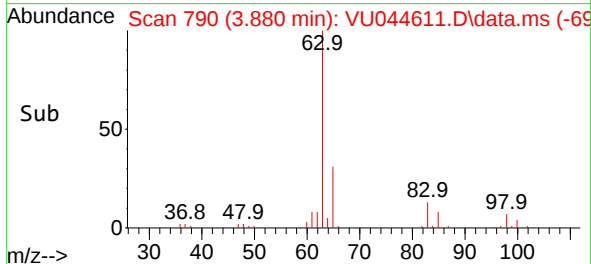
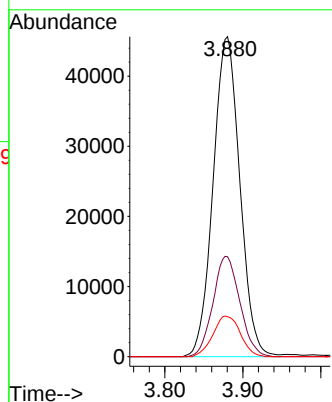
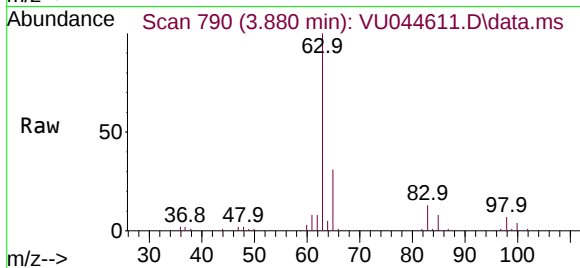
Delta R.T. 0.000 min

Lab File: VU044611.D

Acq: 09 Sep 2021 13:30

Tgt Ion: 63 Resp: 108543

Ion	Ratio	Lower	Upper
63	100		
65	31.2	21.8	40.6
83	12.5	8.8	16.3



#21

2-Butanone

Concen: 42.257 ug/L

RT: 4.720 min Scan# 1051

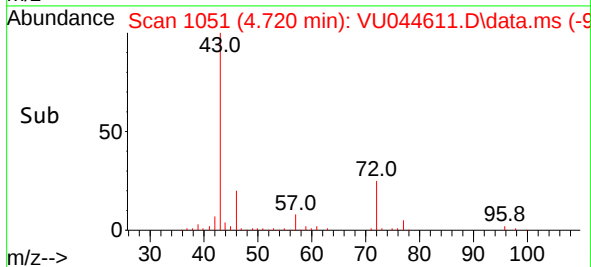
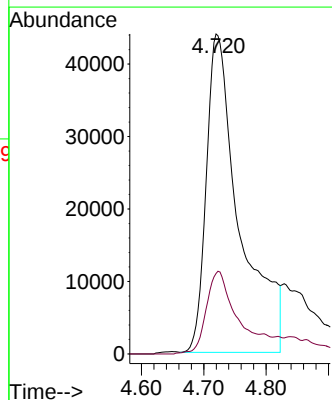
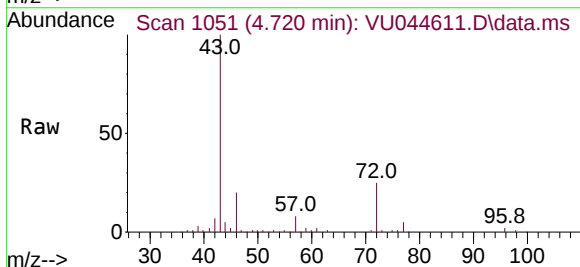
Delta R.T. 0.000 min

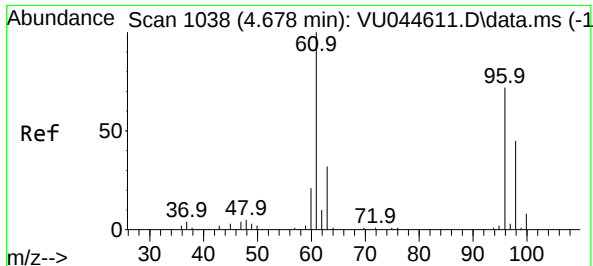
Lab File: VU044611.D

Acq: 09 Sep 2021 13:30

Tgt Ion: 43 Resp: 162740

Ion	Ratio	Lower	Upper
43	100		
72	23.0	9.2	27.4

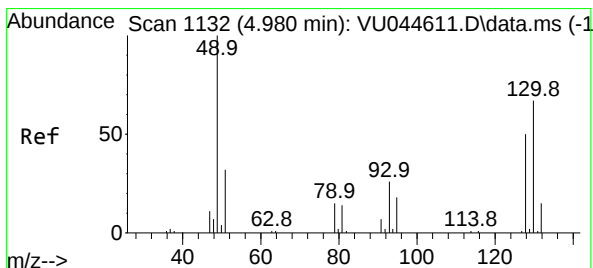
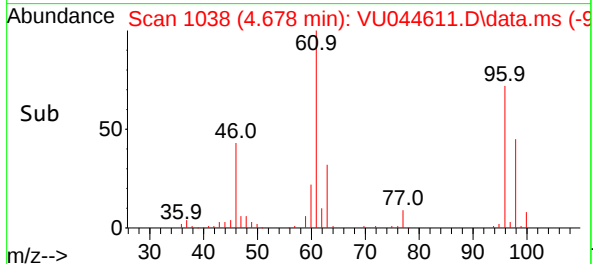
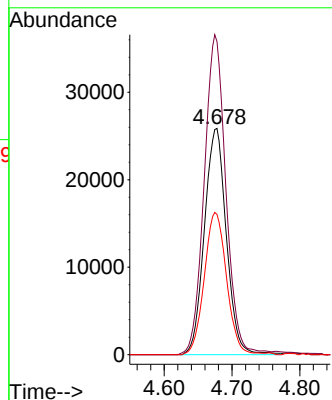
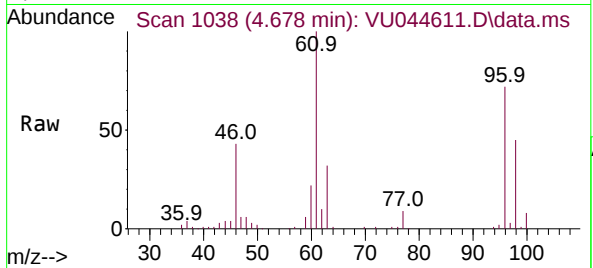




#22
 cis-1,2-Dichloroethene
 Concen: 4.842 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU044611.D
 Acq: 09 Sep 2021 13:30

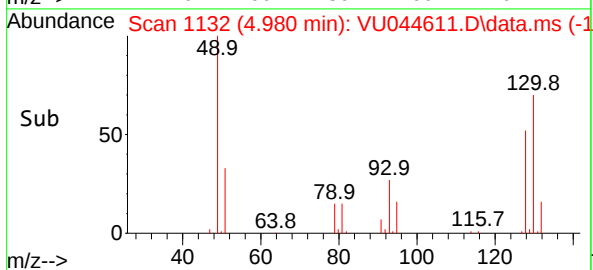
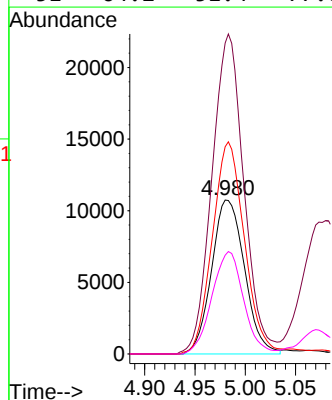
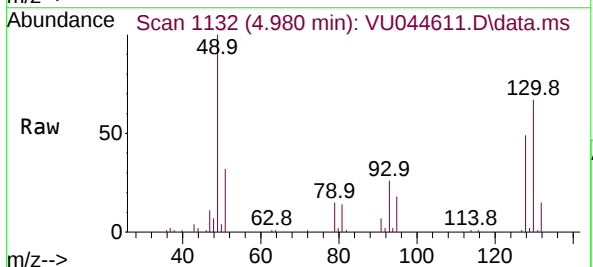
Instrument :
 MSVOA_U
 ClientSampleId :

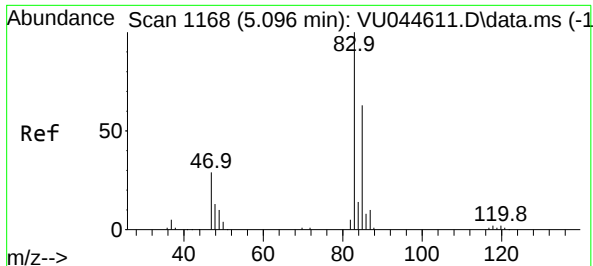
Tgt Ion: 96 Resp: 58283
 Ion Ratio Lower Upper
 96 100
 61 138.4 96.9 179.9
 98 62.1 43.5 80.7



#23
 Bromochloromethane
 Concen: 4.681 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU044611.D
 Acq: 09 Sep 2021 13:30

Tgt Ion: 128 Resp: 24500
 Ion Ratio Lower Upper
 128 100
 49 202.0 141.4 262.6
 130 134.7 94.3 175.1
 51 64.2 51.4 77.0





#25

Chloroform

Concen: 5.122 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU044611.D

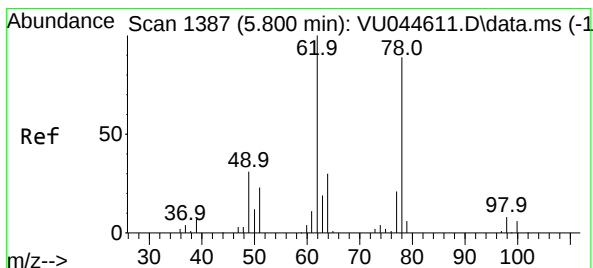
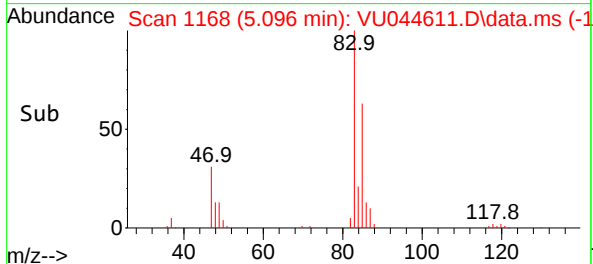
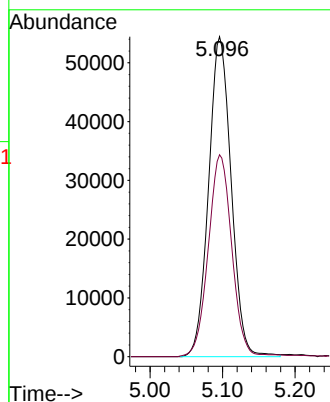
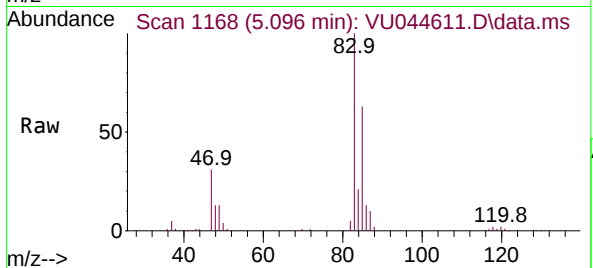
Acq: 09 Sep 2021 13:30

Tgt Ion: 83 Resp: 117666

Ion Ratio Lower Upper

83 100

85 63.1 44.2 82.0



#27

1,2-Dichloroethane

Concen: 4.891 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU044611.D

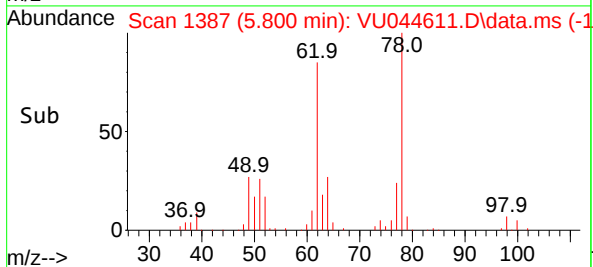
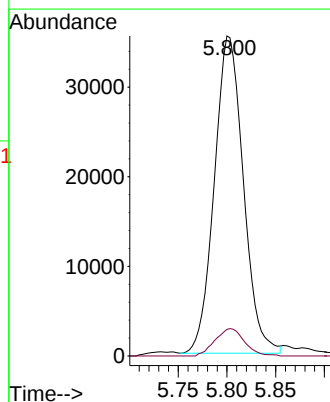
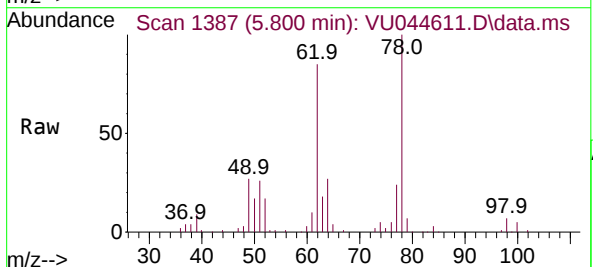
Acq: 09 Sep 2021 13:30

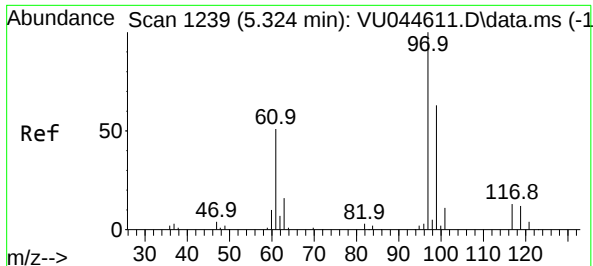
Tgt Ion: 62 Resp: 73462

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 4.873 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU044611.D

Acq: 09 Sep 2021 13:30

Tgt Ion: 97 Resp: 86296

Ion Ratio Lower Upper

97 100

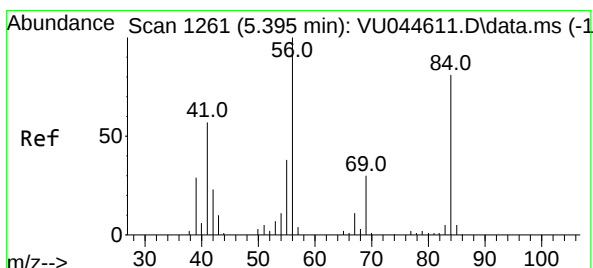
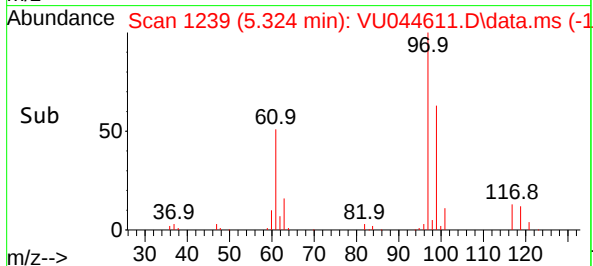
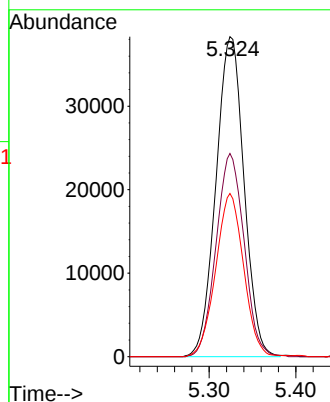
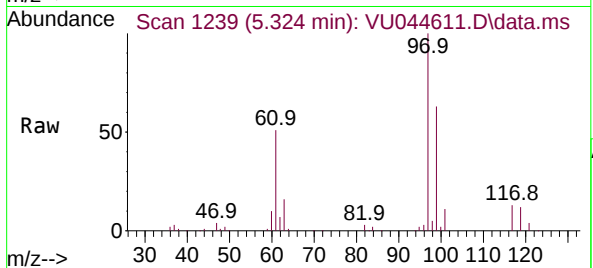
99 63.4 50.7 76.1

61 50.7 40.6 60.8

Instrument :

MSVOA_U

ClientSampleId :



#30

Cyclohexane

Concen: 4.973 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU044611.D

Acq: 09 Sep 2021 13:30

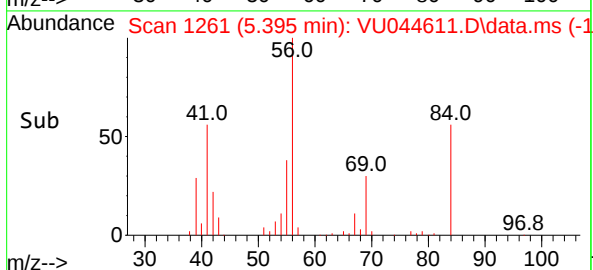
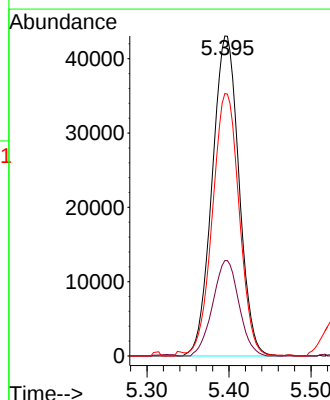
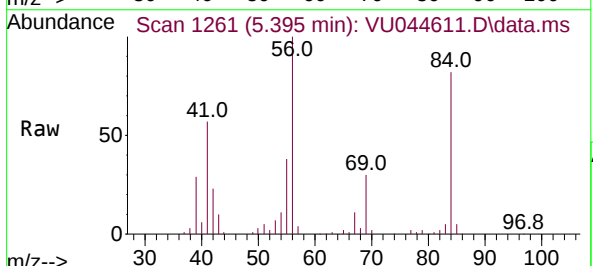
Tgt Ion: 56 Resp: 97826

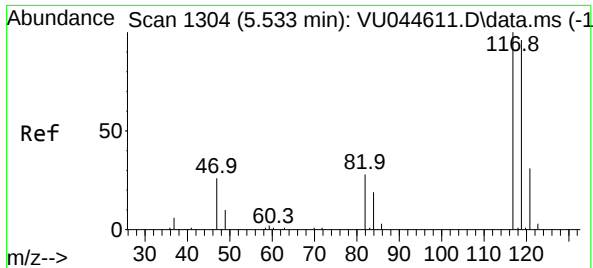
Ion Ratio Lower Upper

56 100

69 29.3 23.4 35.2

84 81.9 65.5 98.3

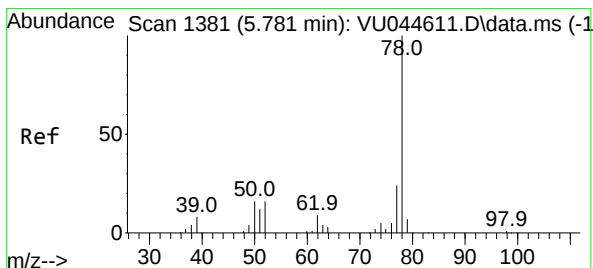
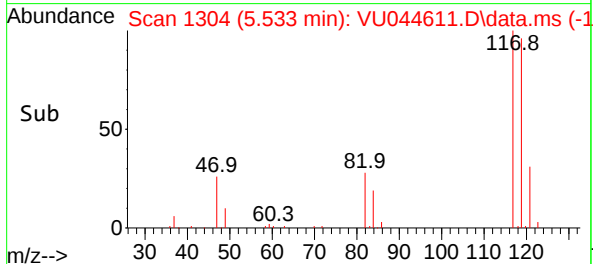
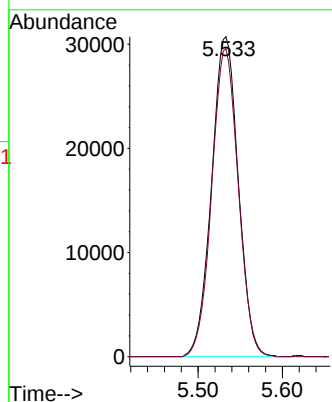
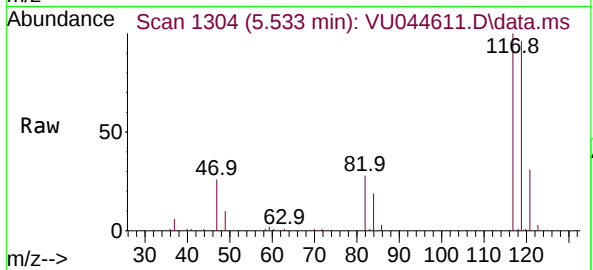




#31
Carbon tetrachloride
Concen: 4.681 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

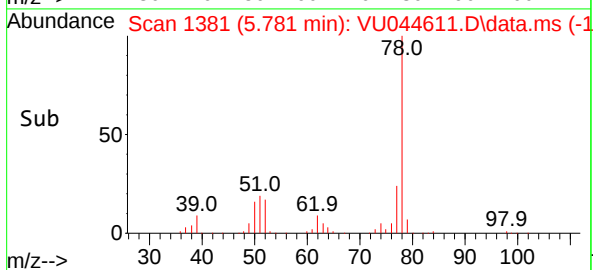
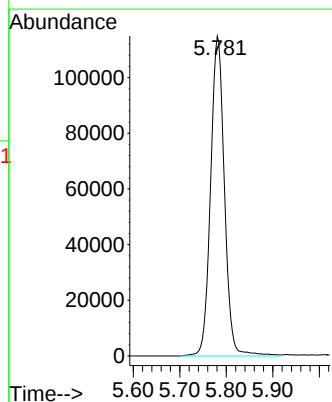
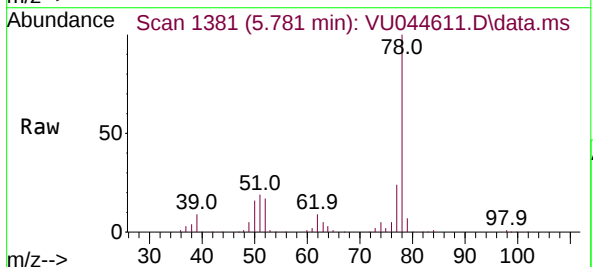
Instrument :
MSVOA_U
ClientSampled :

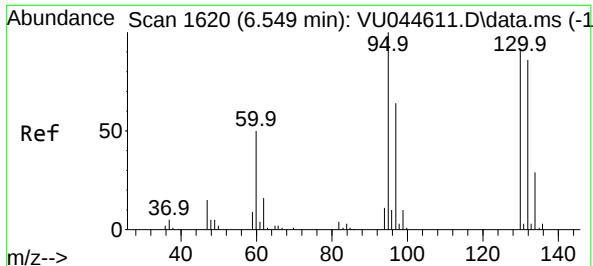
Tgt Ion:117 Resp: 67542
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6



#33
Benzene
Concen: 4.950 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion: 78 Resp: 238022



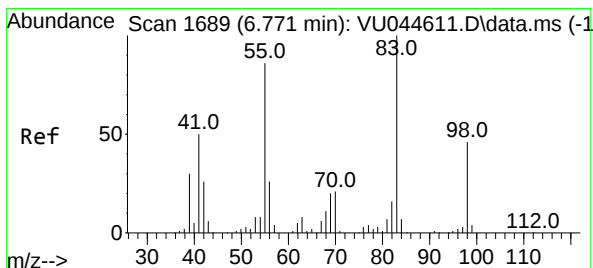
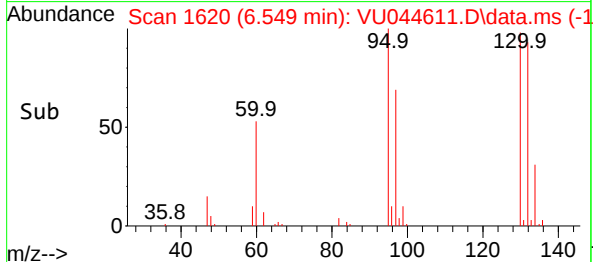
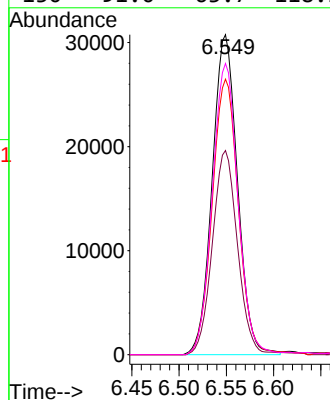
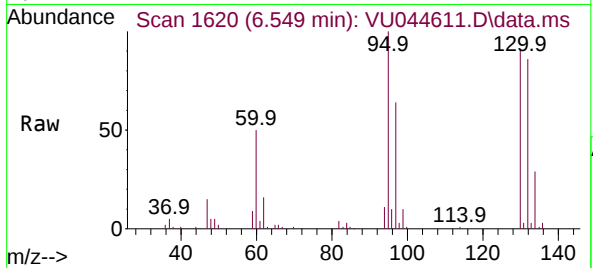


#34
Trichloroethene
Concen: 4.809 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 57315

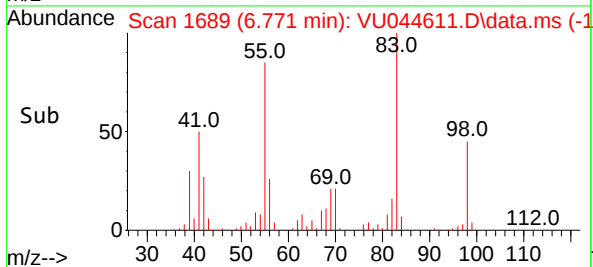
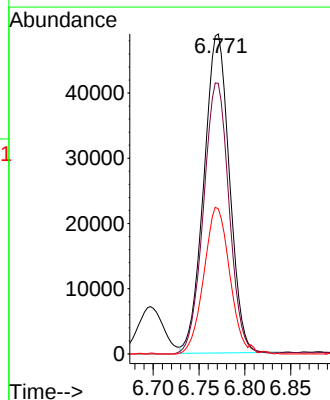
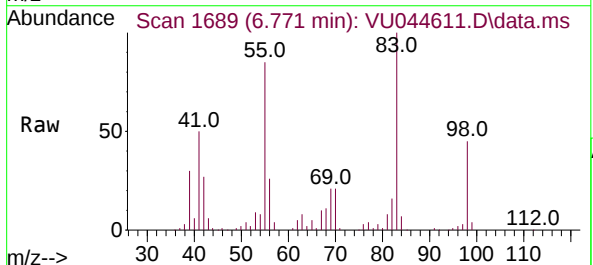
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.7	82.9
132	86.1	60.3	111.9
130	91.0	63.7	118.3

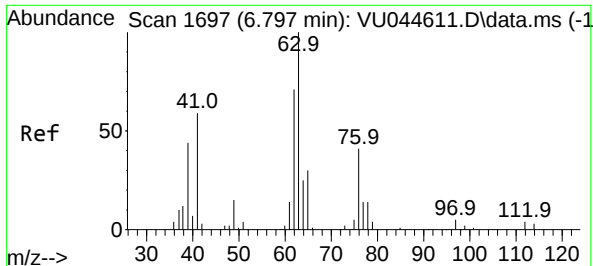


#35
Methylcyclohexane
Concen: 4.811 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion: 83 Resp: 94969

Ion	Ratio	Lower	Upper
83	100		
55	85.4	68.3	102.5
98	46.6	37.3	55.9

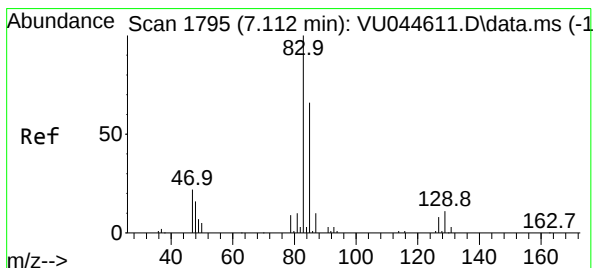
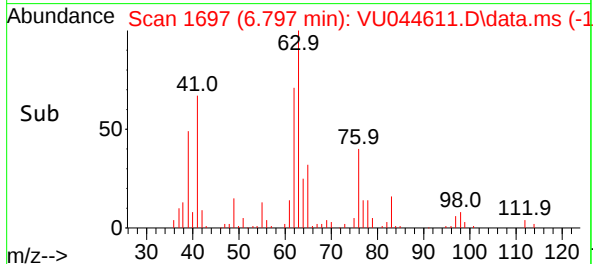
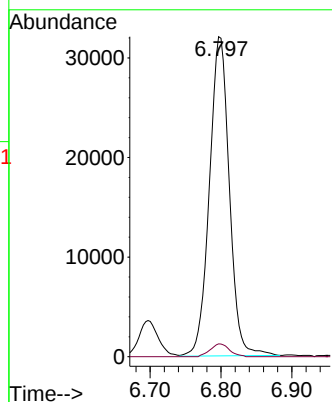
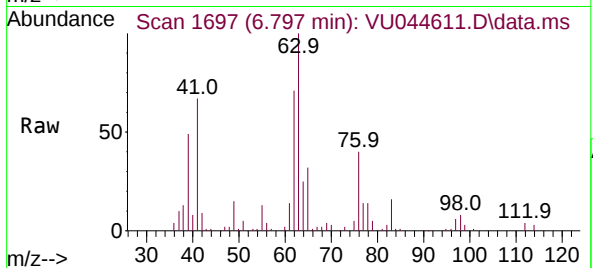




#37
1,2-Dichloropropane
Concen: 4.960 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

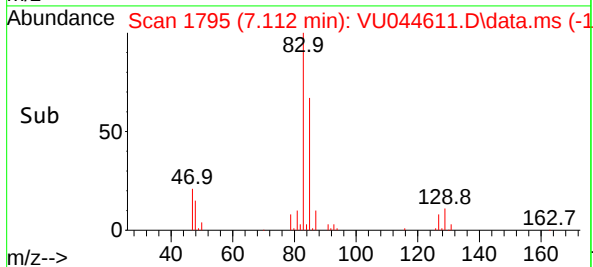
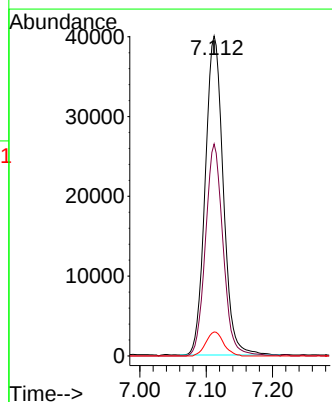
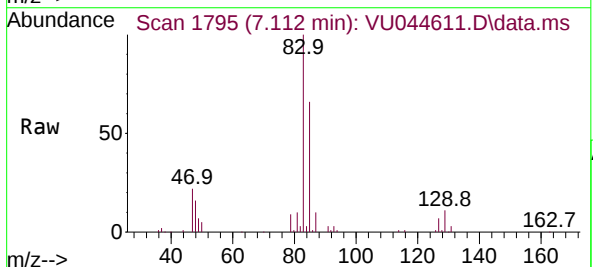
Instrument :
MSVOA_U
ClientSampleId :

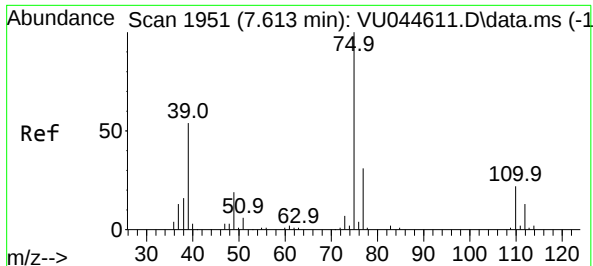
Tgt Ion: 63 Resp: 62709
Ion Ratio Lower Upper
63 100
112 3.9 3.1 4.7



#38
Bromodichloromethane
Concen: 4.897 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion: 83 Resp: 75554
Ion Ratio Lower Upper
83 100
85 66.2 46.3 86.1
127 7.5 6.0 9.0



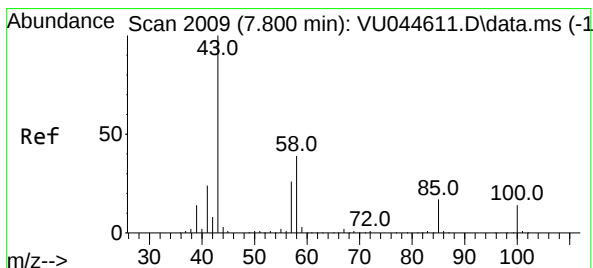
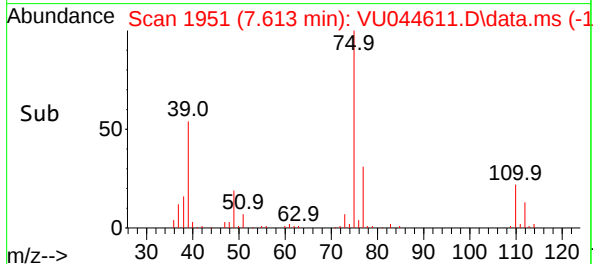
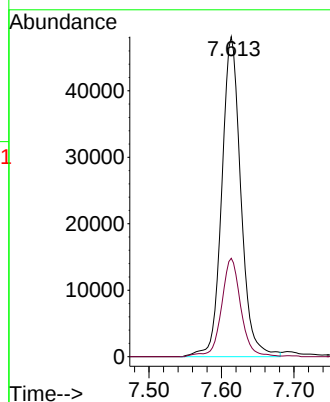
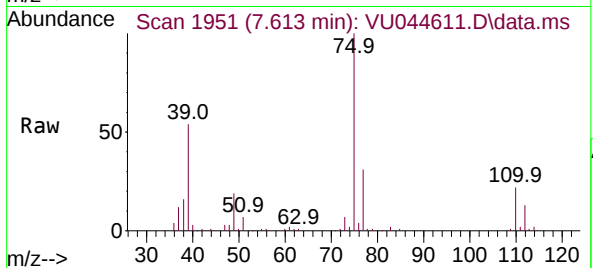


#39

cis-1,3-Dichloropropene
Concen: 4.969 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Instrument :
MSVOA_U
ClientSampled :

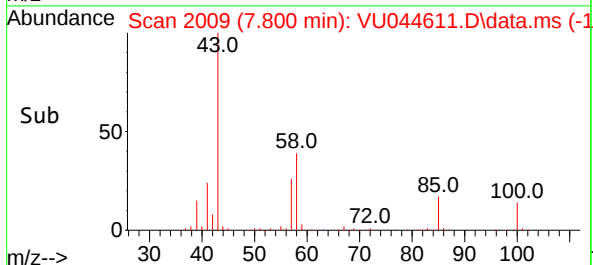
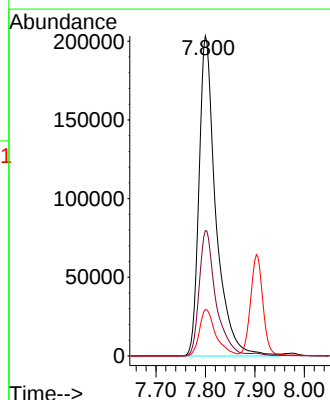
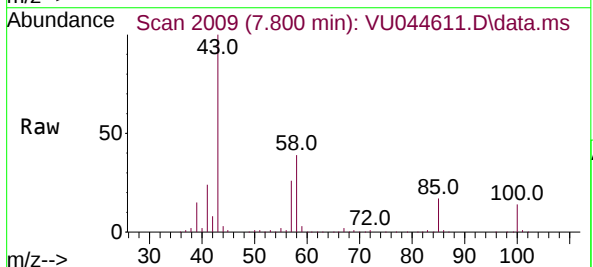
Tgt Ion: 75 Resp: 88154
Ion Ratio Lower Upper
75 100
77 30.7 21.5 39.9

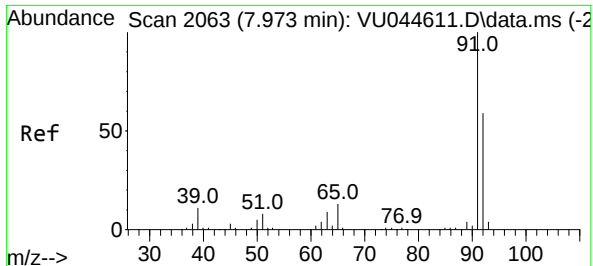


#40

4-Methyl-2-pentanone
Concen: 54.858 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion: 43 Resp: 481345
Ion Ratio Lower Upper
43 100
58 39.0 31.2 46.8
100 14.2 11.4 17.0





#42

Toluene

Concen: 4.967 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU044611.D

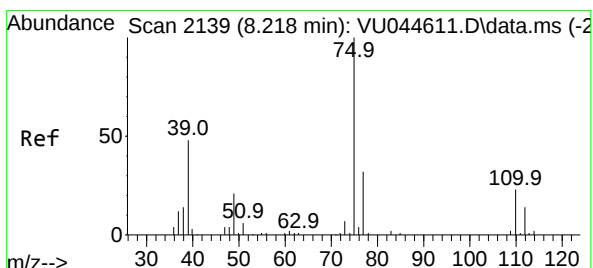
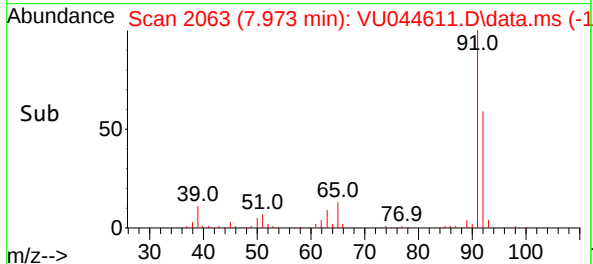
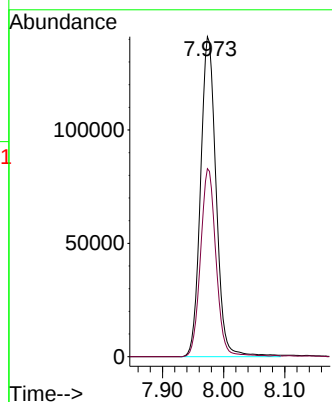
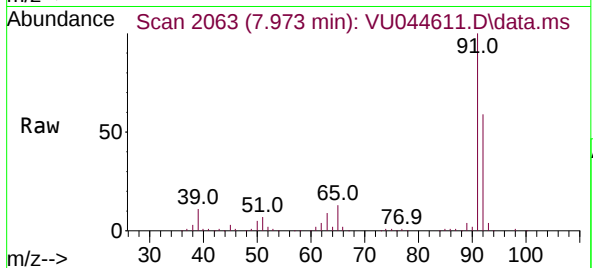
Acq: 09 Sep 2021 13:30

Tgt Ion: 91 Resp: 249799

Ion Ratio Lower Upper

91 100

92 58.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 5.089 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU044611.D

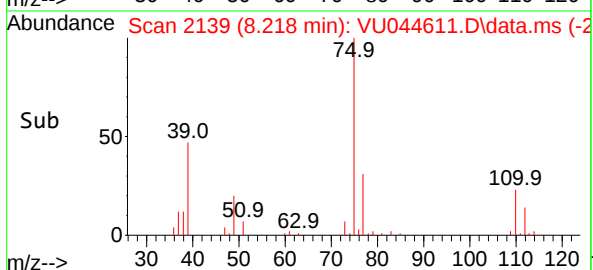
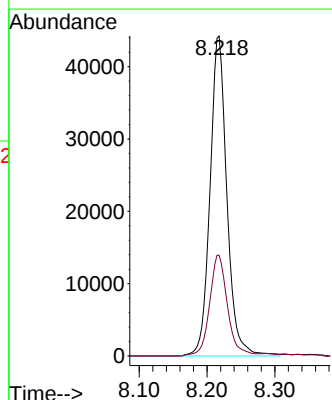
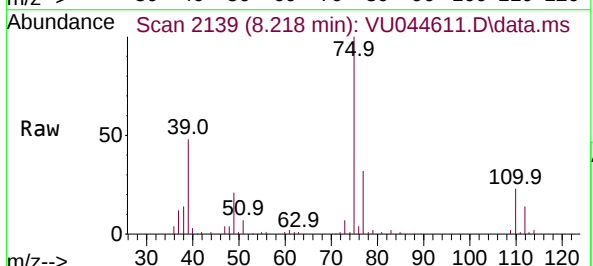
Acq: 09 Sep 2021 13:30

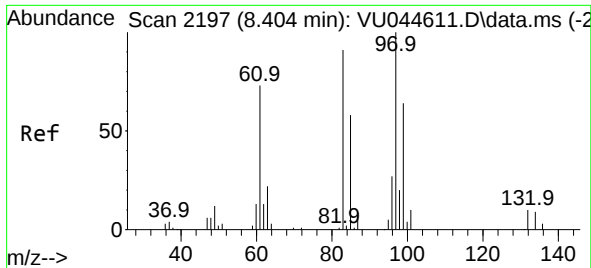
Tgt Ion: 75 Resp: 76747

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0

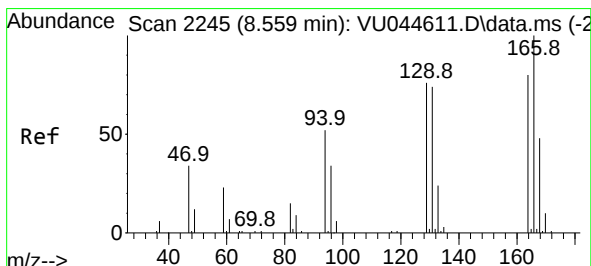
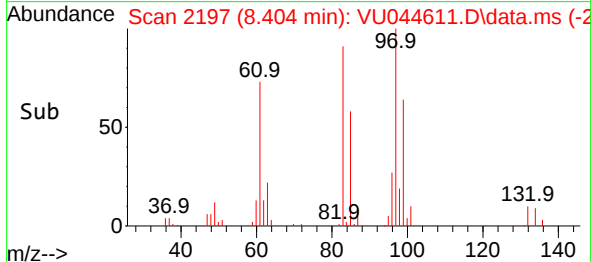
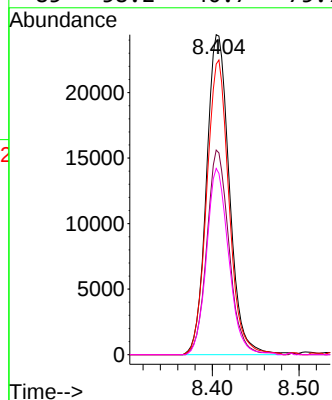
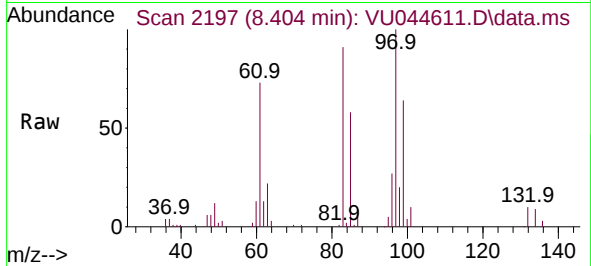




#45
1,1,2-Trichloroethane
Concen: 4.994 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

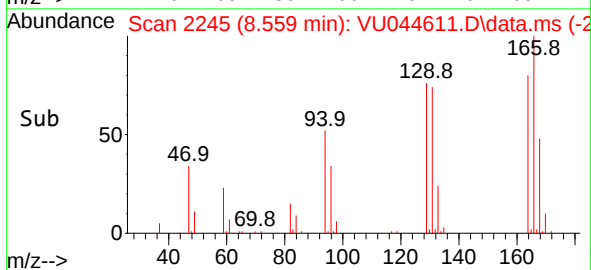
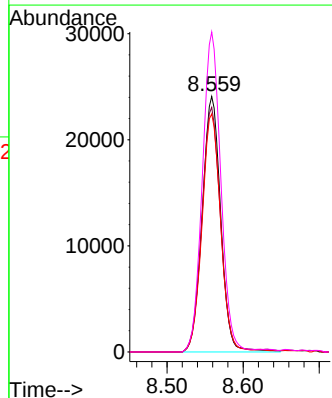
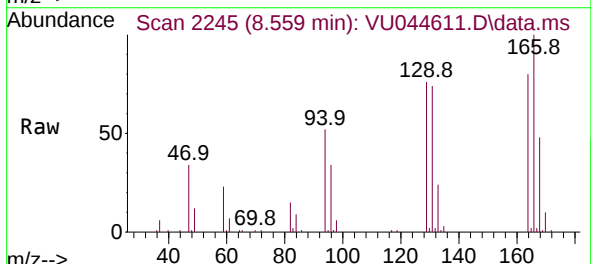
Instrument :
MSVOA_U
ClientSampleId :

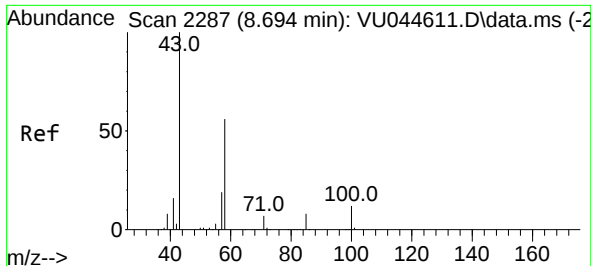
Tgt Ion:	97	Resp:	44847
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.8	83.2
83	90.8	63.6	118.0
85	58.2	40.7	75.7



#47
Tetrachloroethene
Concen: 4.920 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion:	164	Resp:	40675
Ion	Ratio	Lower	Upper
164	100		
129	95.7	67.0	124.4
131	93.1	65.2	121.0
166	125.2	87.6	162.8

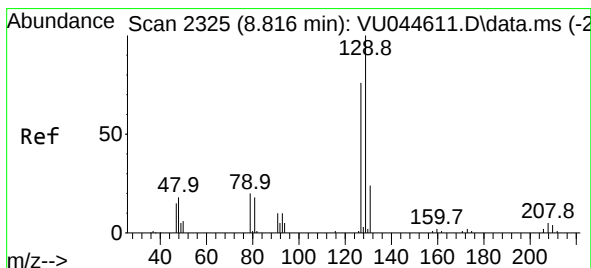
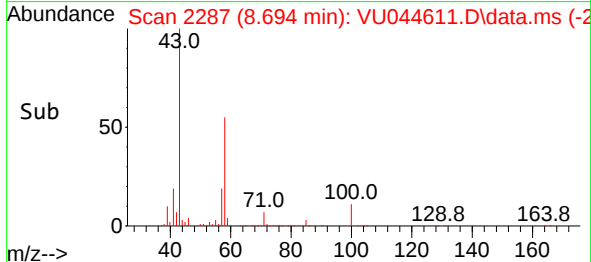
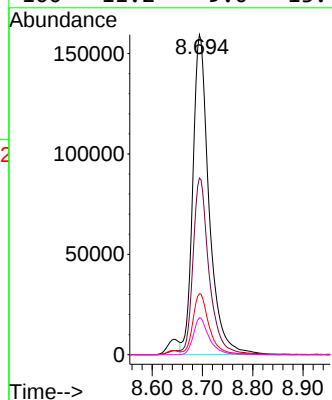
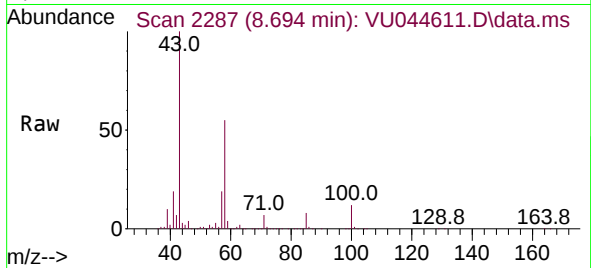




#48
2-Hexanone
Concen: 56.497 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

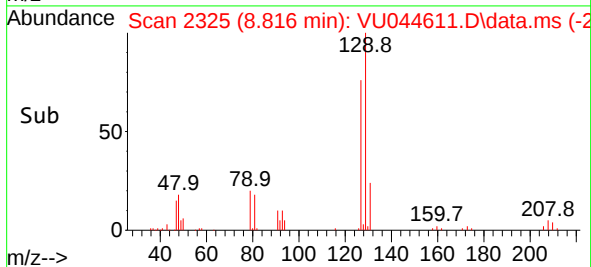
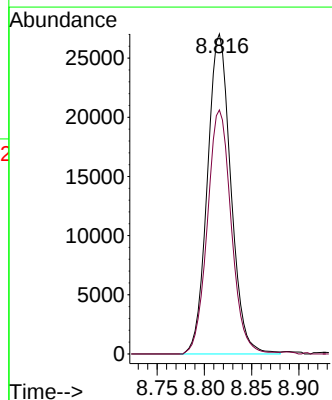
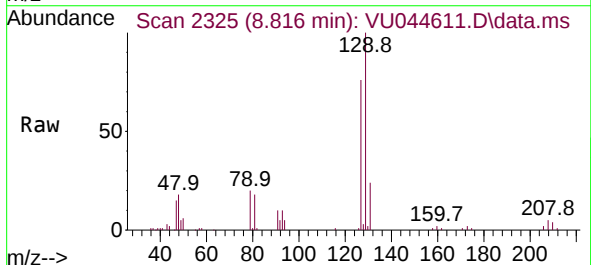
Instrument :
MSVOA_U
ClientSampleId :

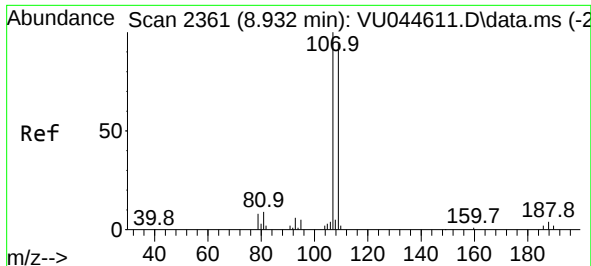
Tgt Ion: 43 Resp: 357252
Ion Ratio Lower Upper
43 100
58 55.7 44.6 66.8
57 18.5 14.8 22.2
100 11.2 9.0 13.4



#49
Dibromochloromethane
Concen: 4.929 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion: 129 Resp: 46705
Ion Ratio Lower Upper
129 100
127 76.2 53.3 99.1

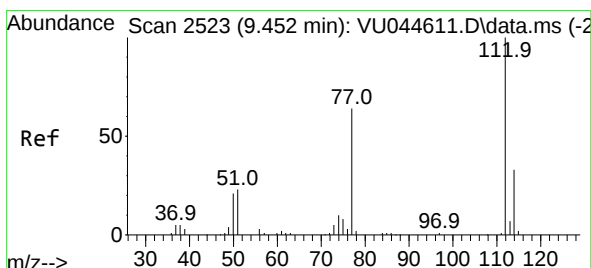
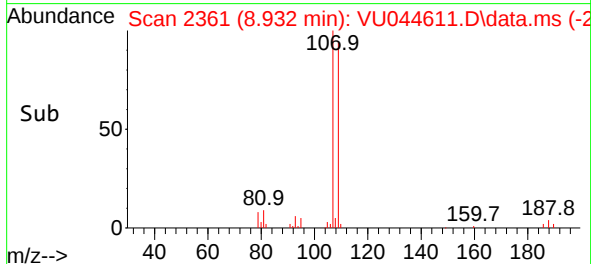
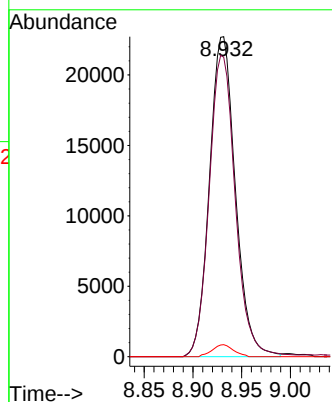
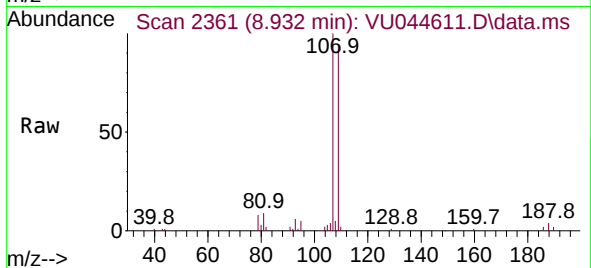




#50
1,2-Dibromoethane
Concen: 4.897 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

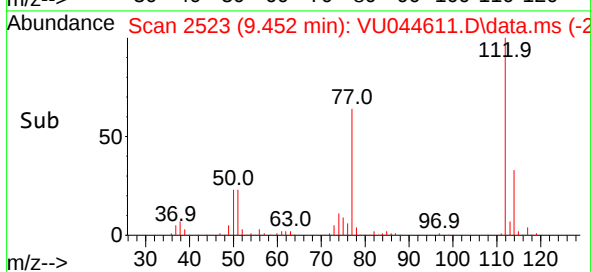
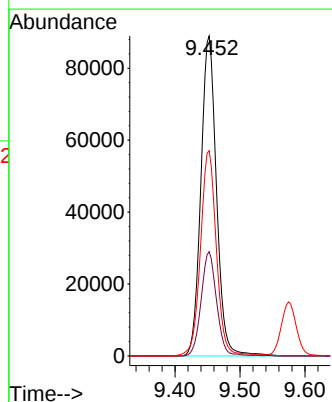
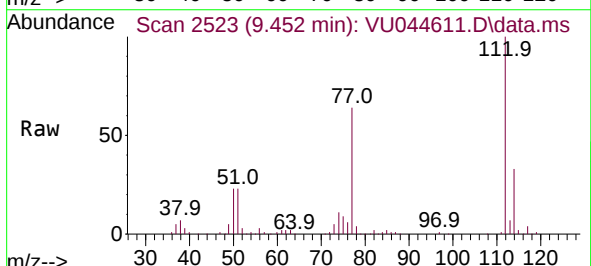
Instrument :
MSVOA_U
ClientSampleId :

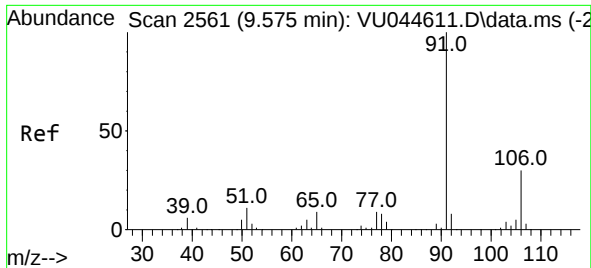
Tgt Ion:107 Resp: 42080
Ion Ratio Lower Upper
107 100
109 93.6 65.5 121.7
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 4.849 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion:112 Resp: 149055
Ion Ratio Lower Upper
112 100
114 32.6 22.8 42.4
77 64.2 51.4 77.0

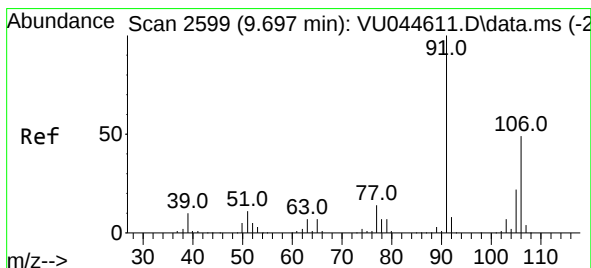
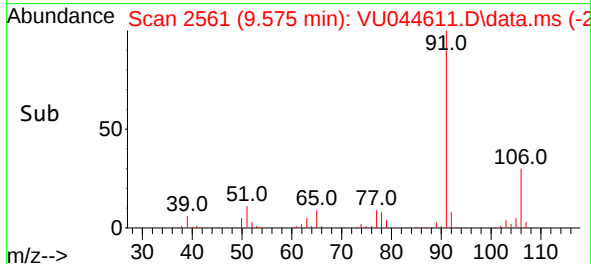
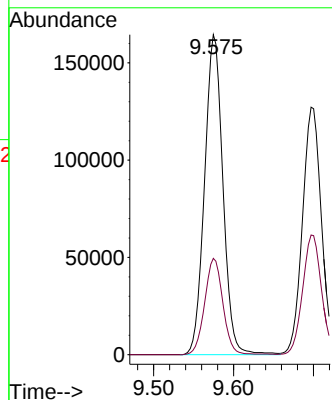
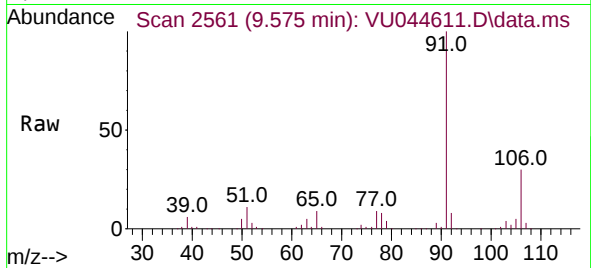




#52
Ethylbenzene
Concen: 4.964 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

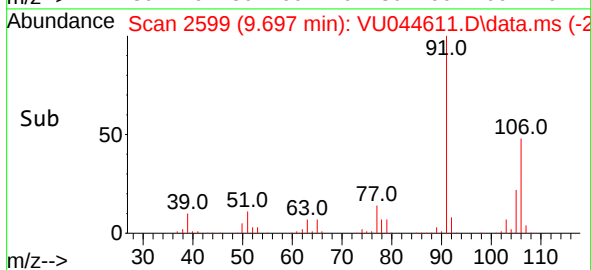
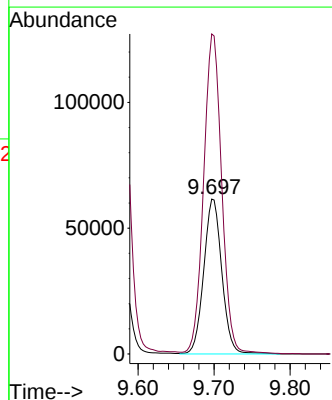
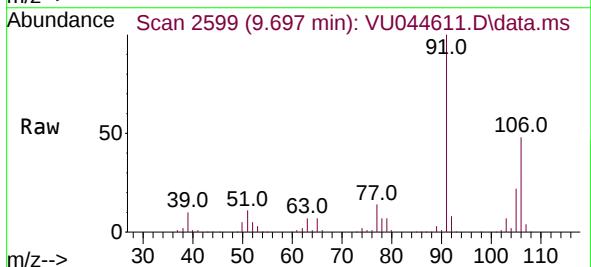
Instrument :
MSVOA_U
ClientSampled :

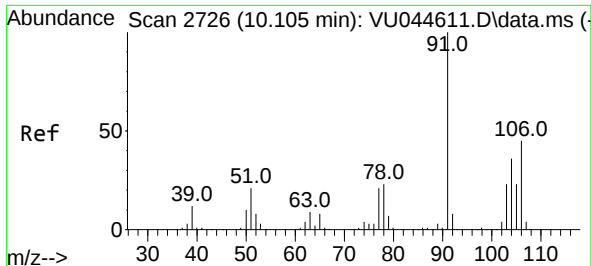
Tgt Ion: 91 Resp: 263167
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1



#53
m,p-Xylene
Concen: 5.096 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion: 106 Resp: 101777
Ion Ratio Lower Upper
106 100
91 206.6 144.6 268.6

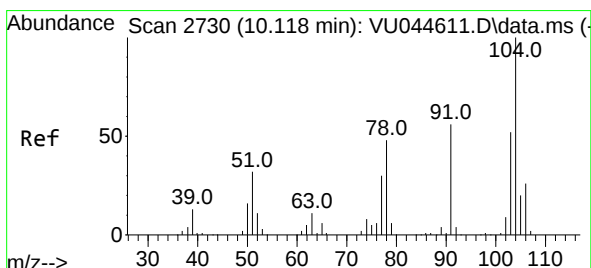
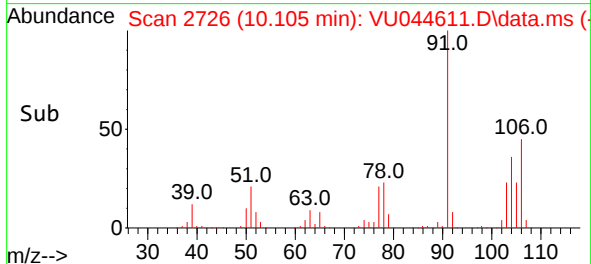
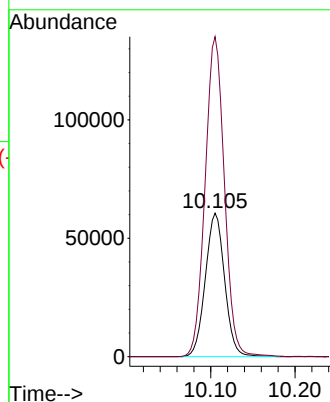
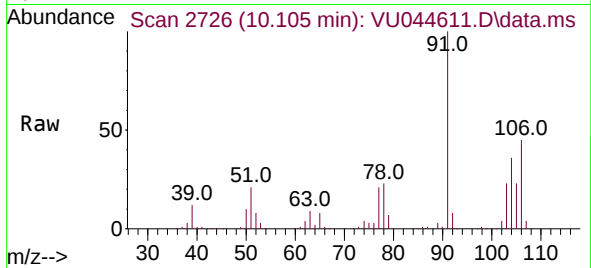




#54
o-Xylene
Concen: 5.006 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

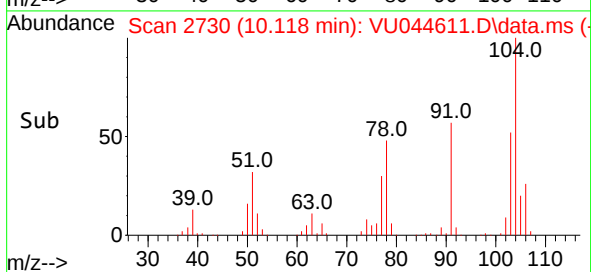
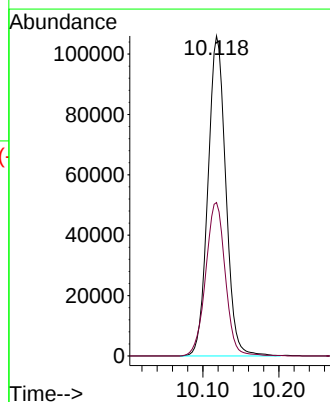
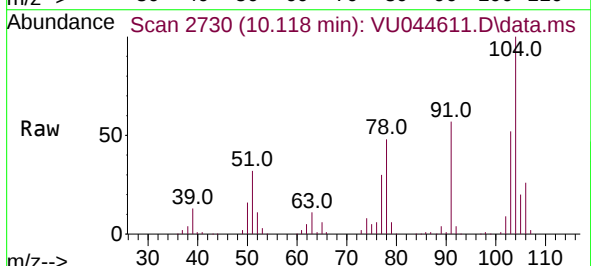
Instrument :
MSVOA_U
ClientSampleId :

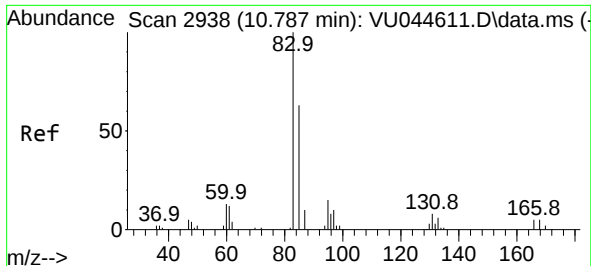
Tgt Ion:106 Resp: 96736
Ion Ratio Lower Upper
106 100
91 223.1 156.2 290.0



#55
Styrene
Concen: 5.337 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion:104 Resp: 172649
Ion Ratio Lower Upper
104 100
78 48.0 33.6 62.4

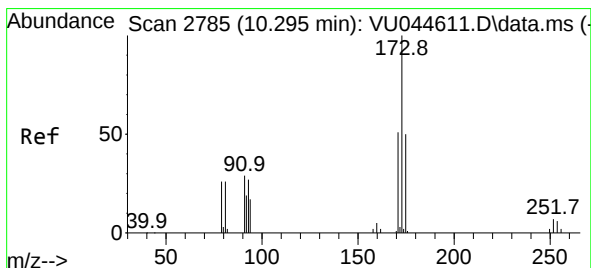
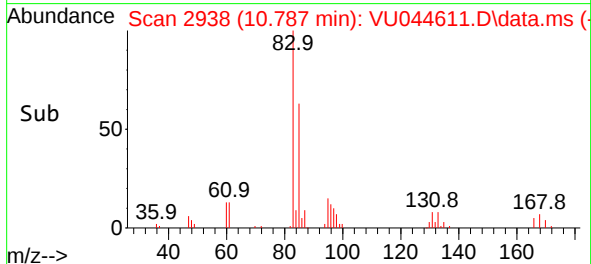
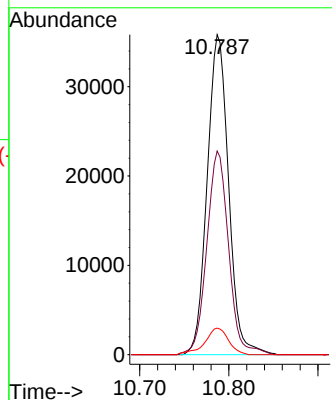
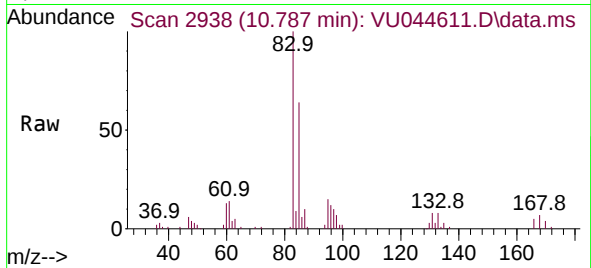




#57
1,1,2,2-Tetrachloroethane
Concen: 5.053 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

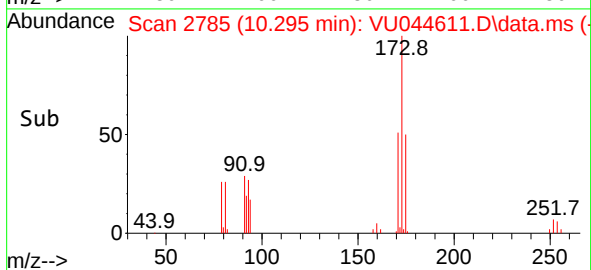
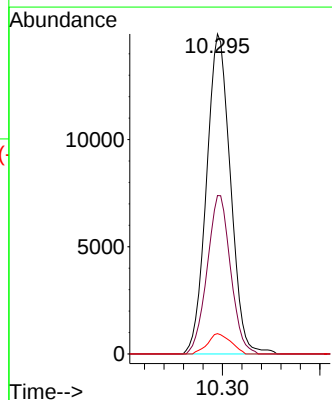
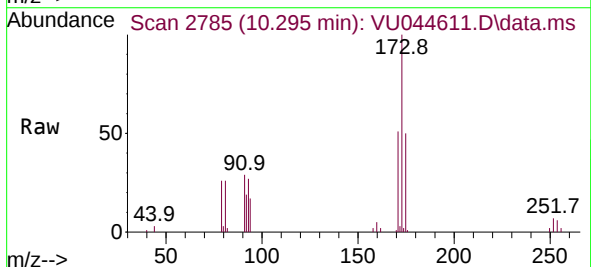
Instrument :
MSVOA_U
ClientSampleId :

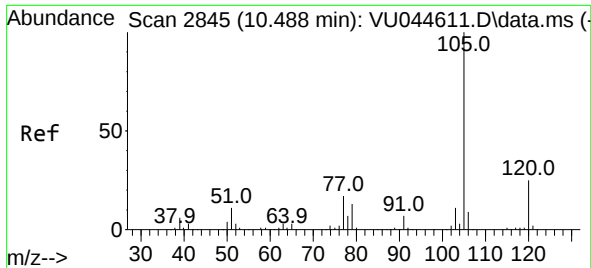
Tgt Ion:	83	Resp:	59715
Ion	Ratio	Lower	Upper
83	100		
85	63.6	44.5	82.7
131	8.3	6.6	10.0



#59
Bromoform
Concen: 4.886 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion:	173	Resp:	25362
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.8	58.2
254	6.1	4.9	7.3

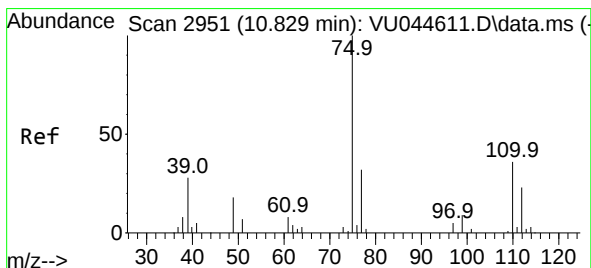
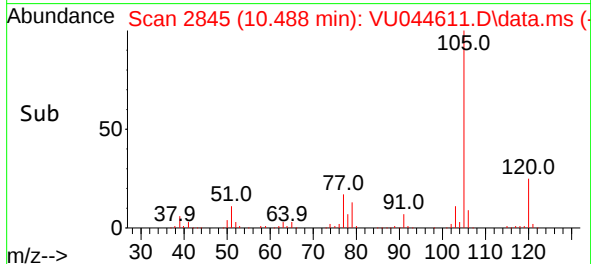
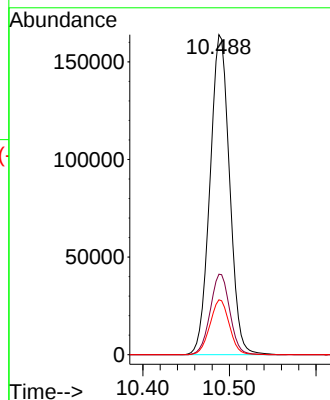
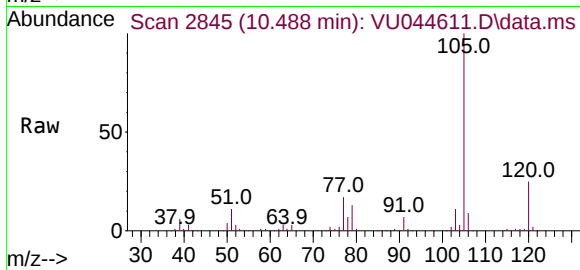




#60
Isopropylbenzene
Concen: 4.803 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

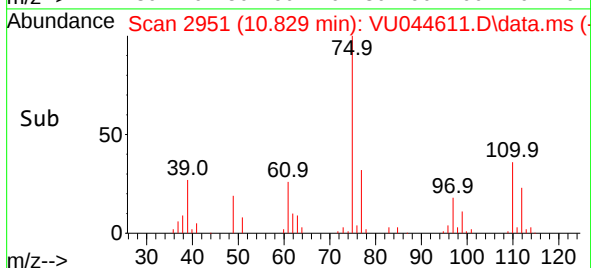
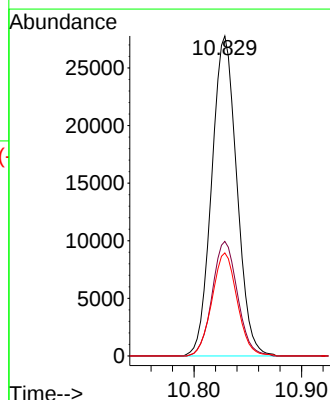
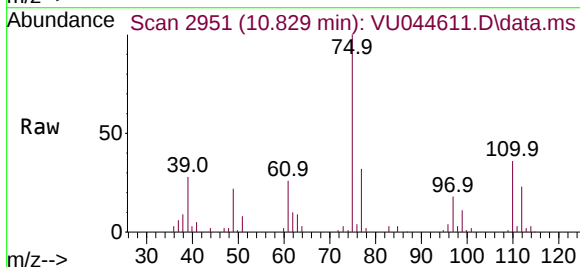
Instrument :
MSVOA_U
ClientSampleId :

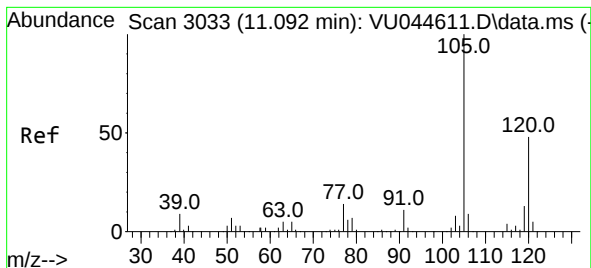
Tgt Ion:105 Resp: 256973
Ion Ratio Lower Upper
105 100
120 25.2 20.2 30.2
77 17.0 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 4.862 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion: 75 Resp: 45007
Ion Ratio Lower Upper
75 100
110 36.0 28.8 43.2
77 32.4 25.9 38.9

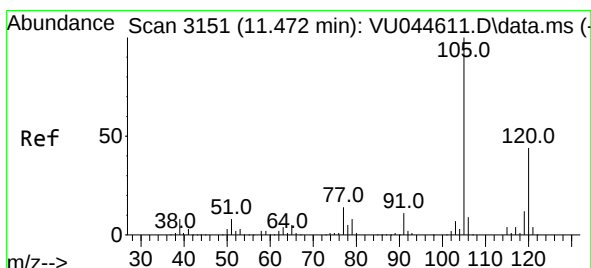
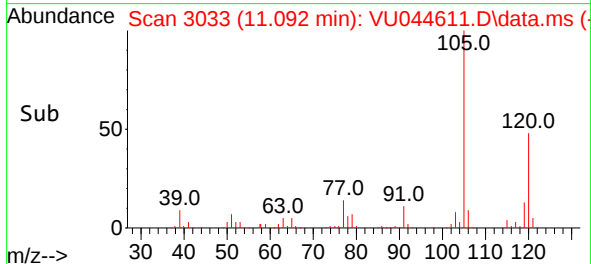
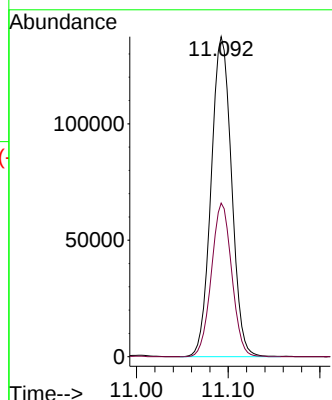
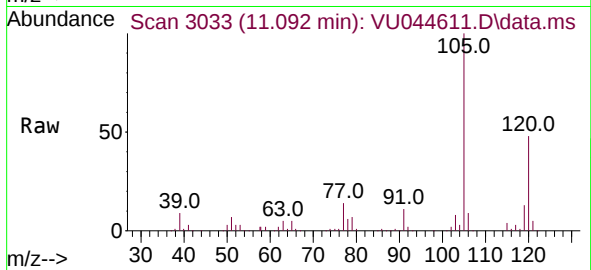




#62
1,3,5-Trimethylbenzene
Concen: 4.854 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

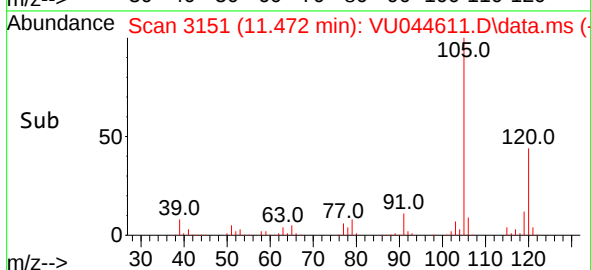
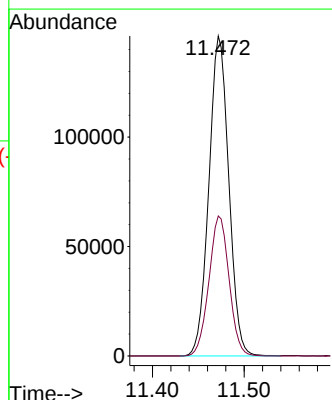
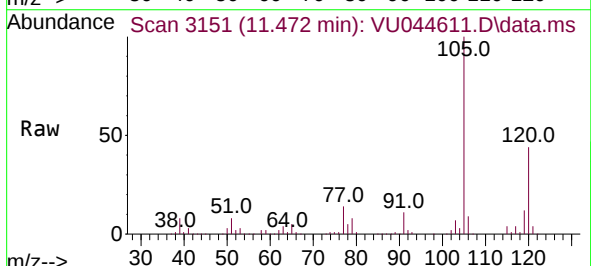
Instrument :
MSVOA_U
ClientSampleId :

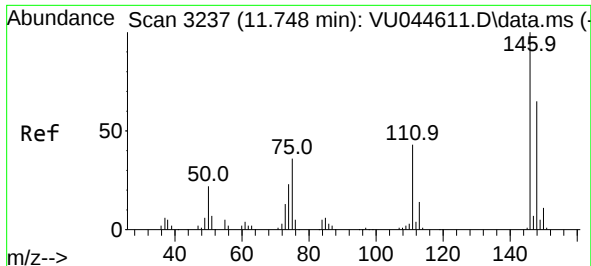
Tgt Ion:105 Resp: 212514
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 4.912 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion:105 Resp: 220401
Ion Ratio Lower Upper
105 100
120 44.3 35.4 53.2

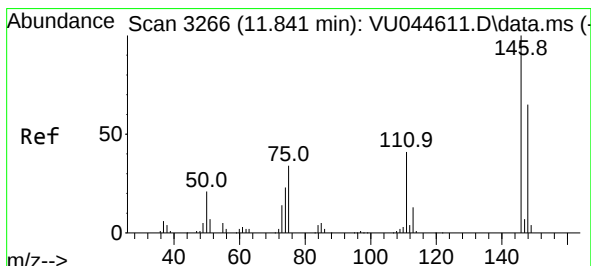
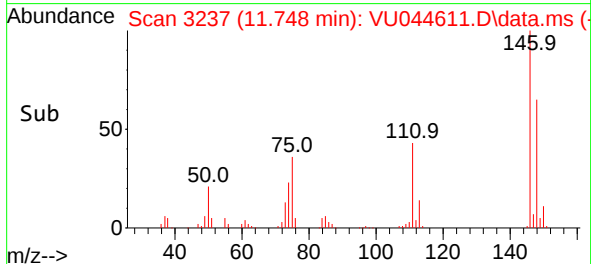
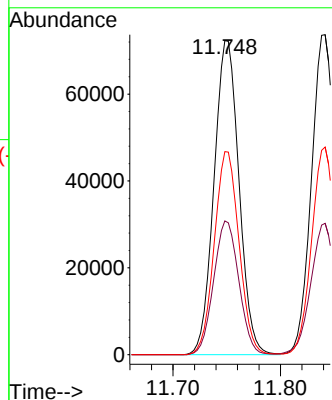
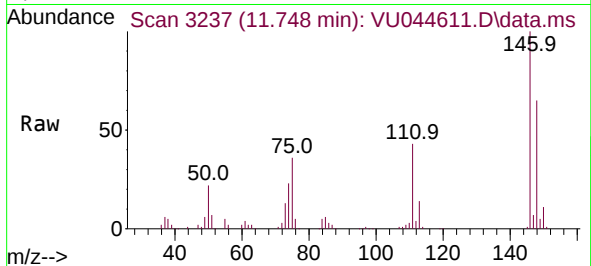




#64
1,3-Dichlorobenzene
Concen: 4.939 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

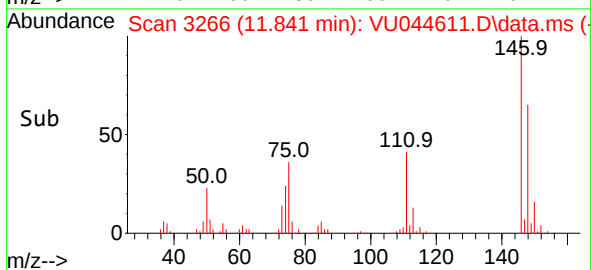
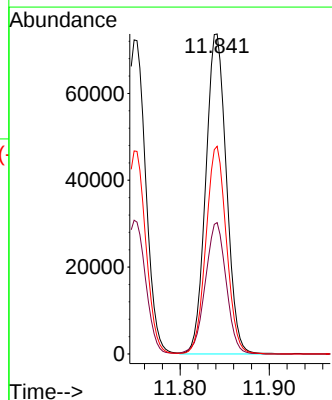
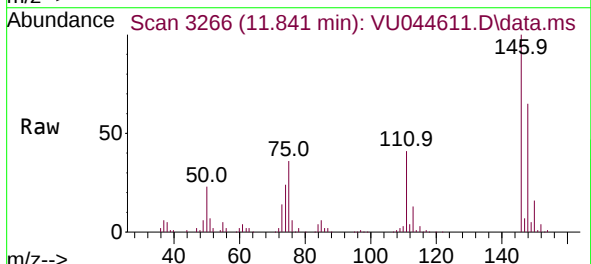
Instrument :
MSVOA_U
ClientSampleId :

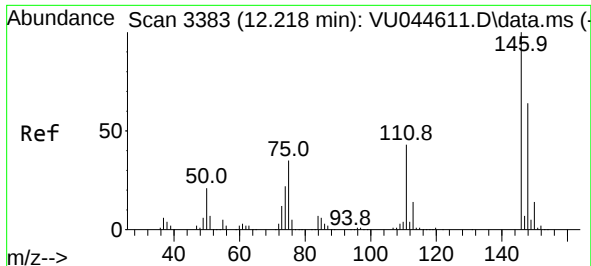
Tgt Ion:146 Resp: 116921
Ion Ratio Lower Upper
146 100
111 42.6 29.8 55.4
148 64.6 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.939 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion:146 Resp: 118638
Ion Ratio Lower Upper
146 100
111 41.0 28.7 53.3
148 64.9 45.4 84.4

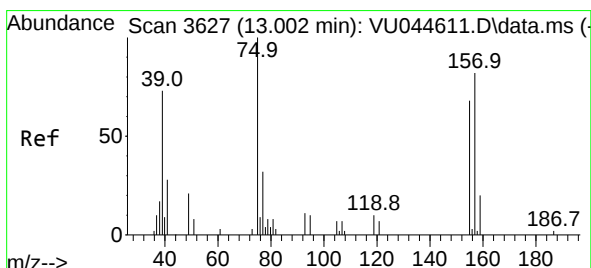
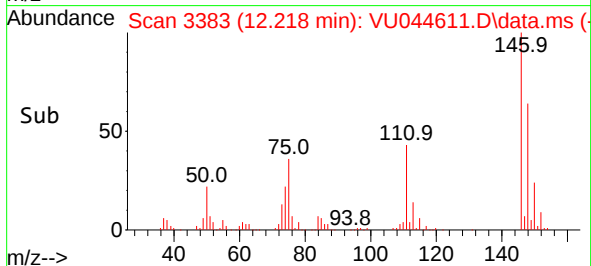
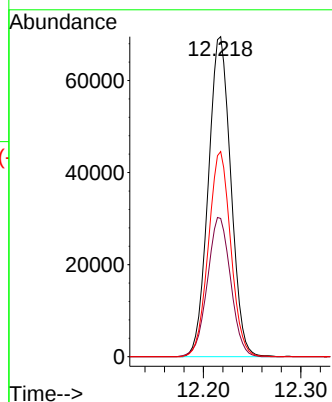
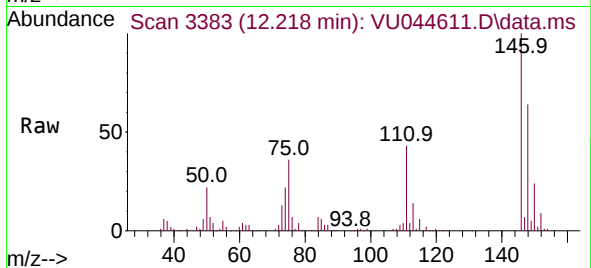




#67
1,2-Dichlorobenzene
Concen: 4.961 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

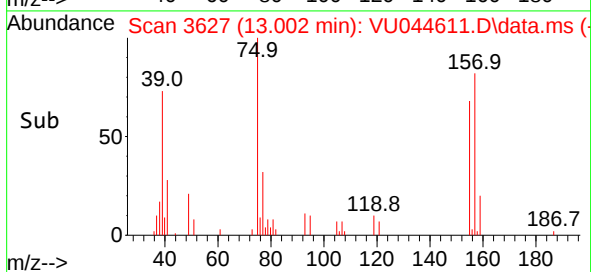
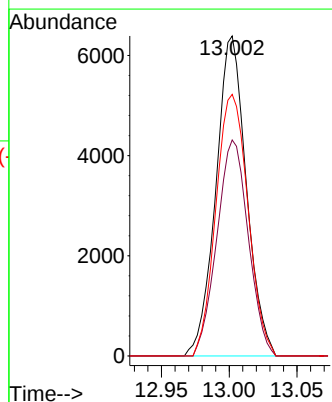
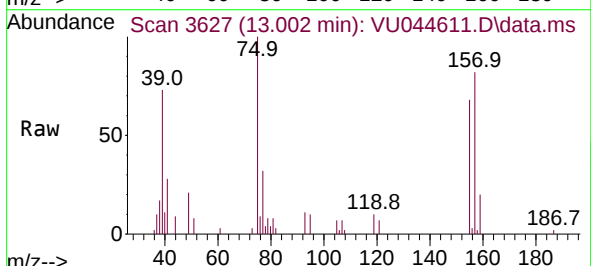
Instrument :
MSVOA_U
ClientSampleId :

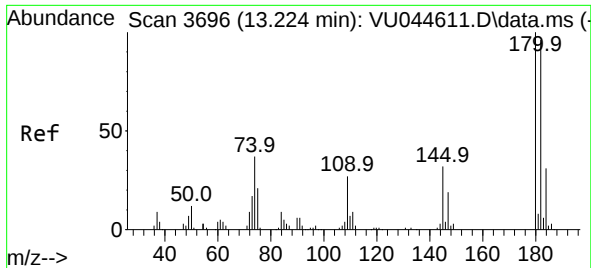
Tgt Ion:146 Resp: 111805
Ion Ratio Lower Upper
146 100
111 43.2 34.6 51.8
148 64.1 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.200 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion: 75 Resp: 9984
Ion Ratio Lower Upper
75 100
155 67.5 54.0 81.0
157 81.8 65.4 98.2

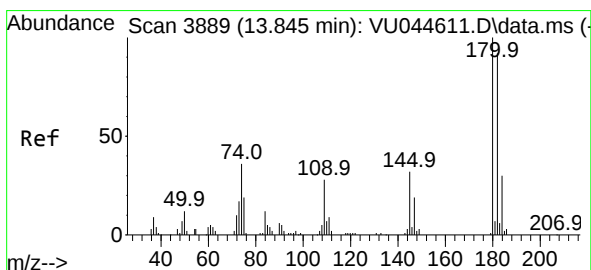
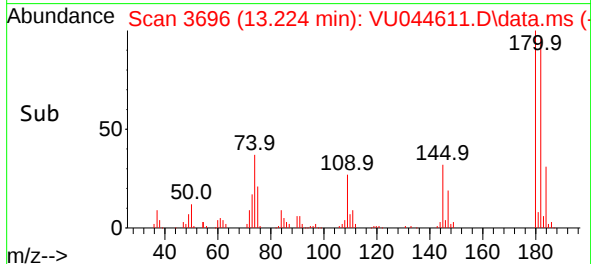
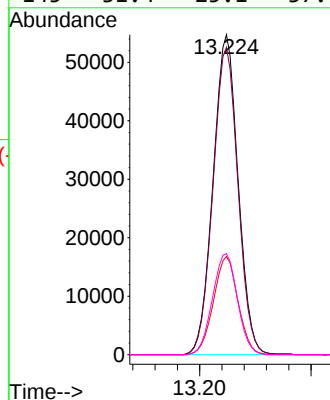
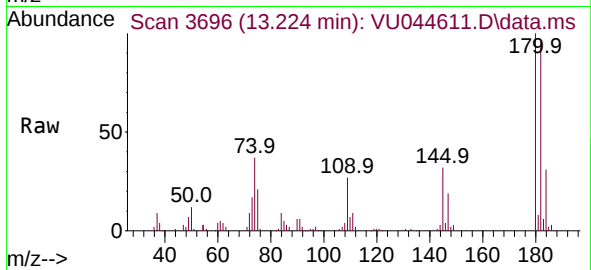




#69
1,3,5-Trichlorobenzene
Concen: 5.048 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

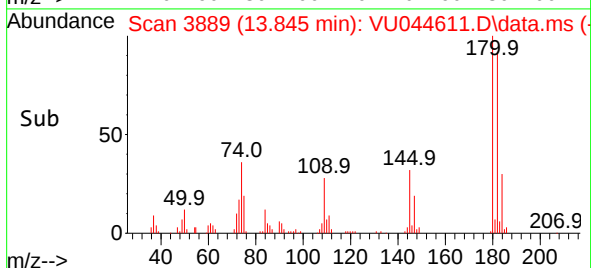
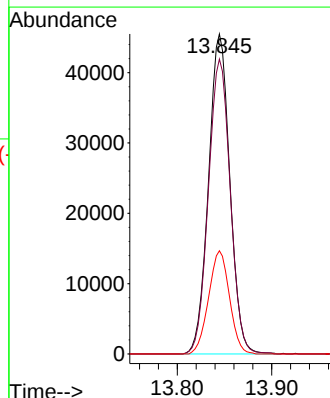
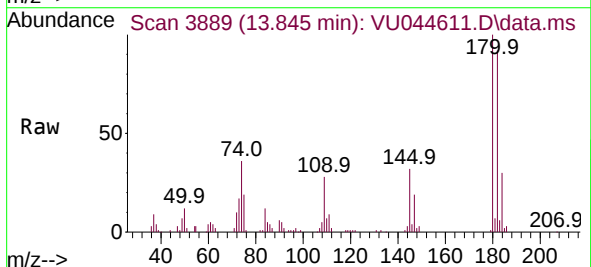
Instrument :
MSVOA_U
ClientSampleId :

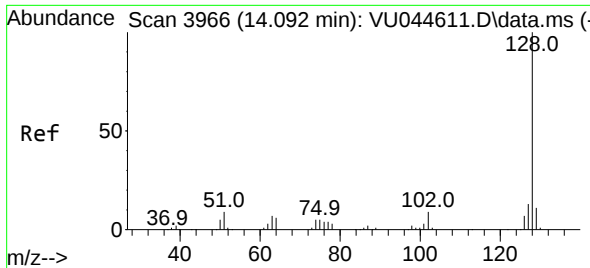
Tgt Ion:	180	Resp:	85167
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.9	115.3
184	30.1	24.1	36.1
145	31.4	25.1	37.7



#70
1,2,4-trichlorobenzene
Concen: 5.343 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion:	180	Resp:	71364
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.4	113.0
145	31.5	25.2	37.8

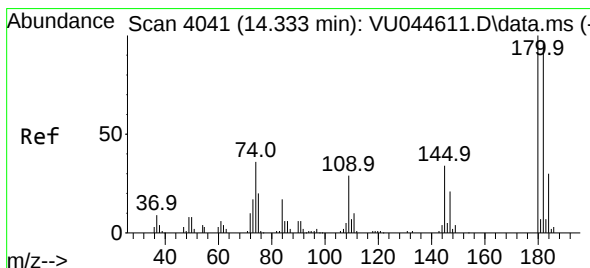
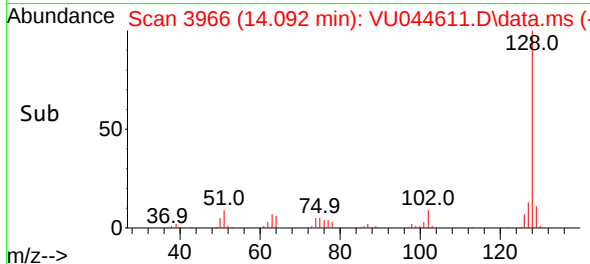
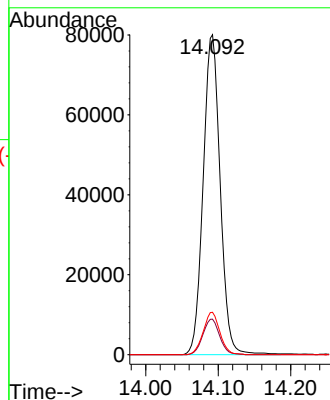
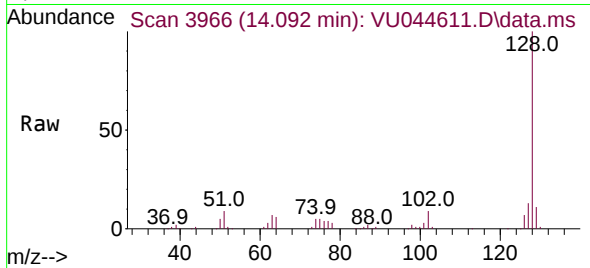




#71
Naphthalene
Concen: 5.168 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 130583
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.405 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044611.D
Acq: 09 Sep 2021 13:30

Tgt Ion:180 Resp: 65994
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 33.8 27.0 40.6

