

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
 Data File : VU044627.D
 Acq On : 14 Sep 2021 13:54
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 01:43:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 15 01:41:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	133244	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	136844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	66068	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33265	4.231	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.919	69	36014	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.575	65	17319	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.645	46	130940	39.731	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.460%
24) Chloroform-d	5.073	84	77019	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.710	65	47170	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.735	84	155683	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.697	67	53761	4.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.902	98	130924	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.185	79	17729	4.389	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.645	63	125587	48.375	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.760%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	48322	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	50140	4.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2492	0.235	ug/L	98
3) Chloromethane	1.520	50	3205	0.251	ug/L	88
5) Vinyl chloride	1.607	62	3172	0.243	ug/L #	58
6) Bromomethane	1.861	94	1633	0.245	ug/L	84
8) Chloroethane	1.938	64	2741	0.330	ug/L	89
9) Trichlorofluoromethane	2.144	101	3624	0.247	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2599	0.289	ug/L	88
12) 1,1-Dichloroethene	2.584	96	2445	0.286	ug/L #	1
13) Acetone	2.645	43	3639	1.695	ug/L	95
14) Carbon disulfide	2.800	76	6006	0.222	ug/L	98
15) Methyl Acetate	2.961	43	1521	0.392	ug/L #	55
16) Methylene chloride	3.054	84	6885	0.506	ug/L	95
17) Methyl tert-butyl Ether	3.379	73	5511	0.233	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	2023	0.222	ug/L	96
19) 1,1-Dichloroethane	3.880	63	4781	0.260	ug/L	96
22) cis-1,2-Dichloroethene	4.681	96	2368	0.236	ug/L	95
23) Bromochloromethane	4.986	128	1009	0.237	ug/L	78
25) Chloroform	5.096	83	10445	0.533	ug/L	99
27) 1,2-Dichloroethane	5.800	62	3346	0.261	ug/L	96

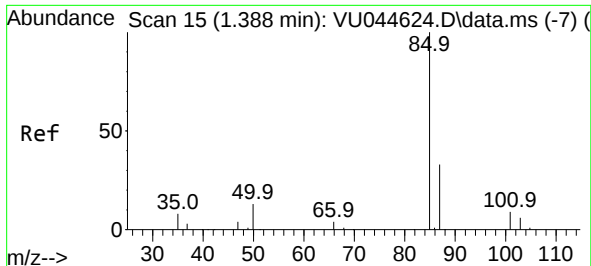
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	3422	0.229	ug/L	99
30) Cyclohexane	5.398	56	3590	0.210	ug/L	93
31) Carbon tetrachloride	5.530	117	2721	0.233	ug/L	96
33) Benzene	5.784	78	9908	0.244	ug/L	100
34) Trichloroethene	6.546	95	2394	0.238	ug/L	98
35) Methylcyclohexane	6.767	83	3879	0.235	ug/L	95
37) 1,2-Dichloropropane	6.800	63	2621	0.241	ug/L #	88
38) Bromodichloromethane	7.112	83	3114	0.236	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	3457	0.224	ug/L	93
40) 4-Methyl-2-pentanone	7.803	43	18125	2.140	ug/L #	90
42) Toluene	7.973	91	11316	0.267	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	3036	0.231	ug/L	92
45) 1,1,2-Trichloroethane	8.410	97	1765	0.228	ug/L	97
47) Tetrachloroethene	8.558	164	1569	0.225	ug/L	94
48) 2-Hexanone	8.697	43	20500	3.251	ug/L #	94
49) Dibromochloromethane	8.812	129	1851	0.228	ug/L	82
50) 1,2-Dibromoethane	8.928	107	1680	0.231	ug/L #	81
51) Chlorobenzene	9.452	112	6187	0.235	ug/L	96
52) Ethylbenzene	9.574	91	10165	0.221	ug/L	100
53) m,p-Xylene	9.700	106	3673	0.210	ug/L	95
54) o-Xylene	10.105	106	3575	0.214	ug/L	90
55) Styrene	10.121	104	5561	0.190	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	2554	0.246	ug/L	88
59) Bromoform	10.298	173	939	0.229	ug/L #	90
60) Isopropylbenzene	10.491	105	9067	0.219	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	2014	0.276	ug/L	95
62) 1,3,5-Trimethylbenzene	11.092	105	7056	0.205	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	7337	0.208	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	4669	0.242	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	4822	0.242	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	4558	0.249	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.002	75	375	0.234	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.224	180	3296	0.225	ug/L	92
70) 1,2,4-trichlorobenzene	13.844	180	2397	0.194	ug/L #	93
71) Naphthalene	14.092	128	4228	0.175	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.336	180	2374	0.209	ug/L	91

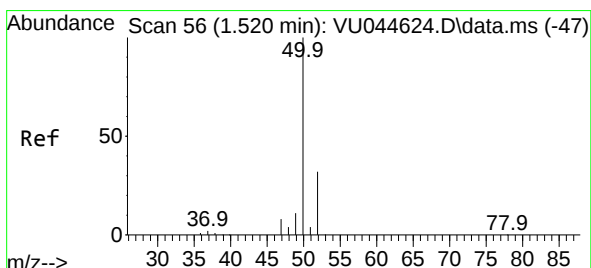
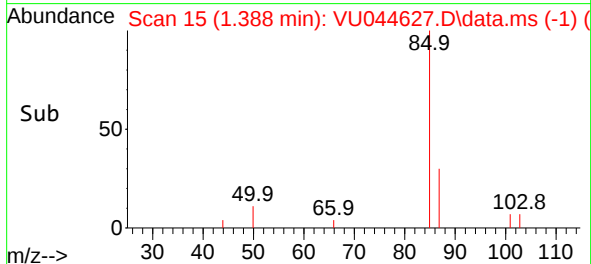
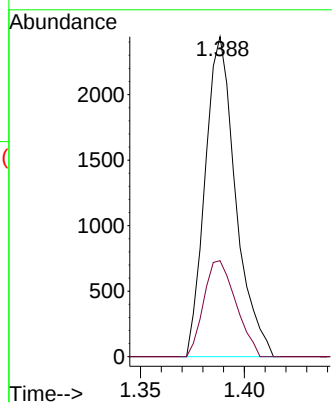
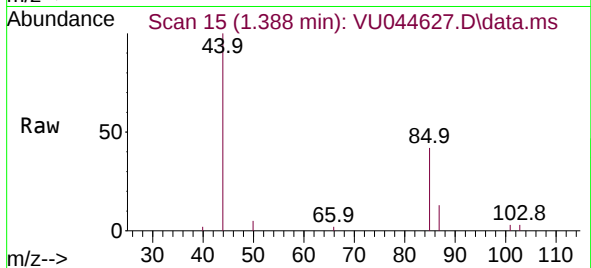
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#2
Dichlorodifluoromethane
Concen: 0.235 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

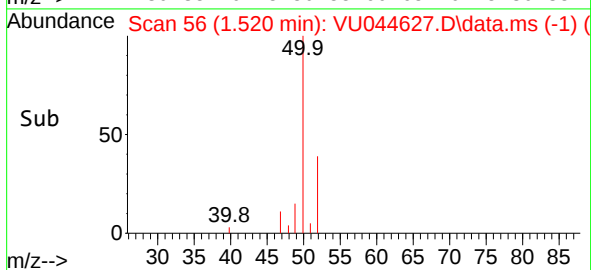
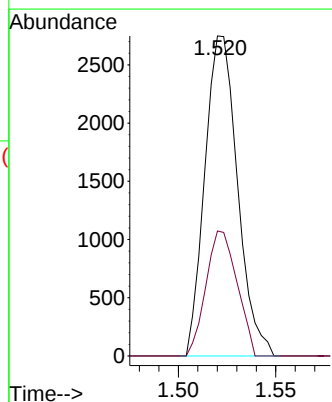
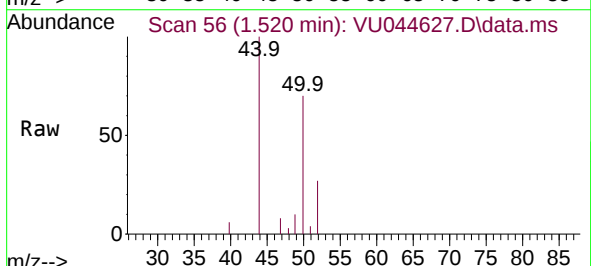
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MSVOA_U
ClientSampled :

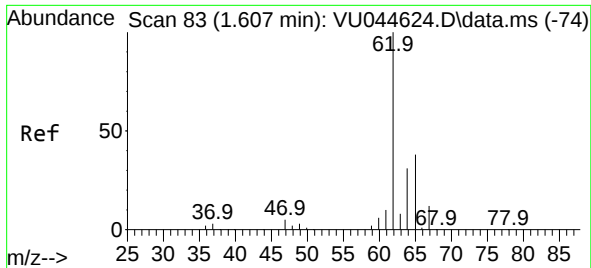
Tgt Ion: 85 Resp: 2492
Ion Ratio Lower Upper
85 100
87 31.5 26.0 39.0



#3
Chloromethane
Concen: 0.251 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 50 Resp: 3205
Ion Ratio Lower Upper
50 100
52 39.0 22.6 42.0

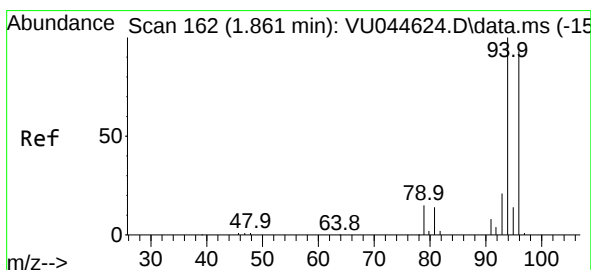
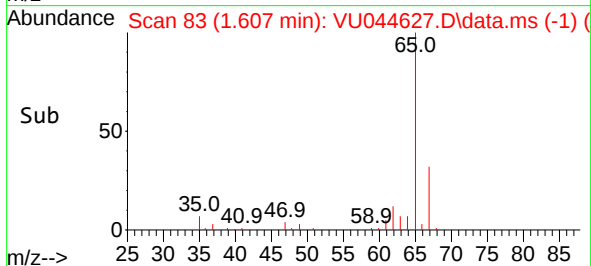
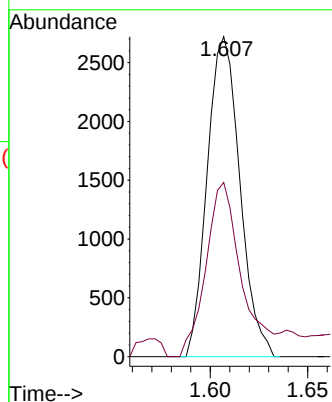
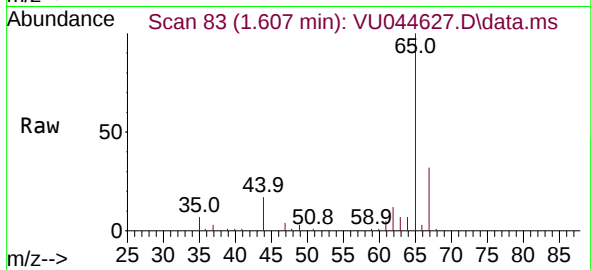




#5
 Vinyl chloride
 Concen: 0.243 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044627.D
 Acq: 14 Sep 2021 13:54

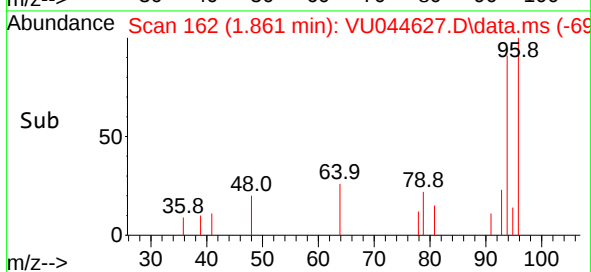
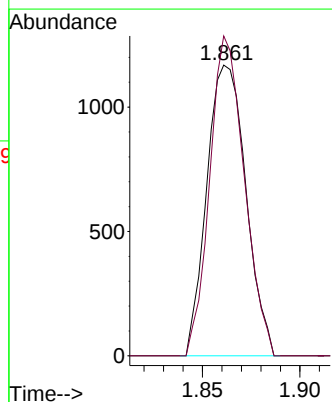
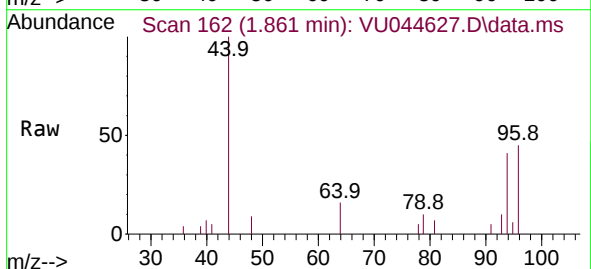
Instrument :
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 ClientSampled :

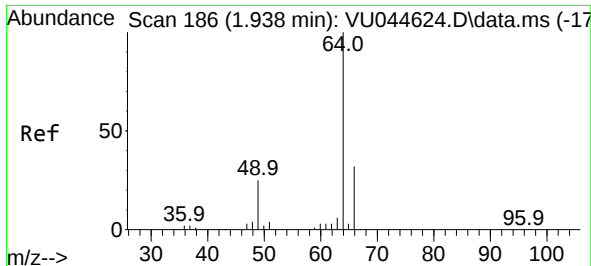
Tgt Ion: 62 Resp: 3172
 Ion Ratio Lower Upper
 62 100
 64 54.4 22.0 40.8#



#6
 Bromomethane
 Concen: 0.245 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU044627.D
 Acq: 14 Sep 2021 13:54

Tgt Ion: 94 Resp: 1633
 Ion Ratio Lower Upper
 94 100
 96 110.0 66.4 123.4

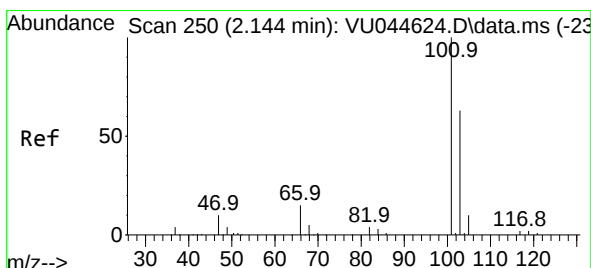
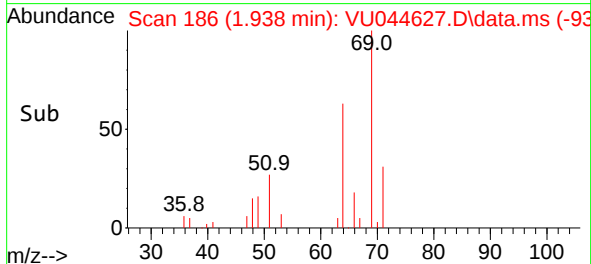
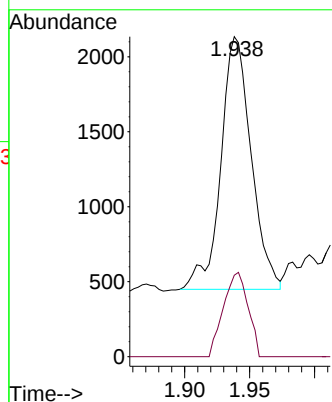
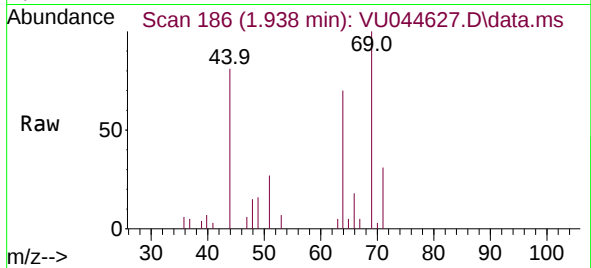




#8
Chloroethane
Concen: 0.330 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

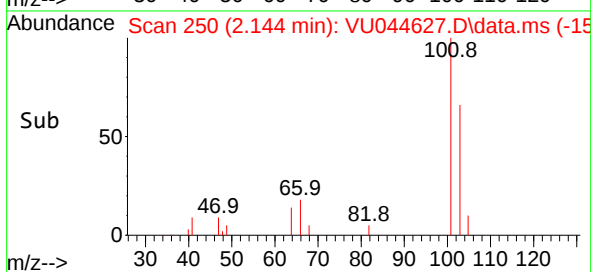
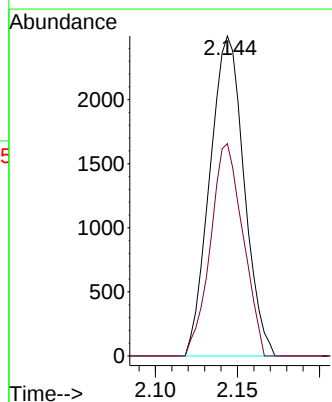
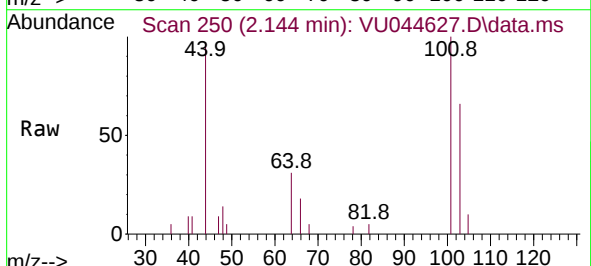
Instrument :
MSVOA_U
ClientSampled :

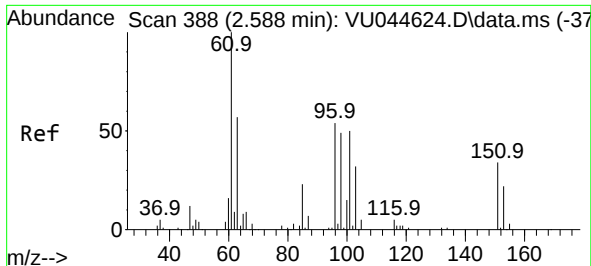
Tgt Ion: 64 Resp: 2741
Ion Ratio Lower Upper
64 100
66 25.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.247 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:101 Resp: 3624
Ion Ratio Lower Upper
101 100
103 62.8 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.289 ug/L

RT: 2.584 min Scan# 387

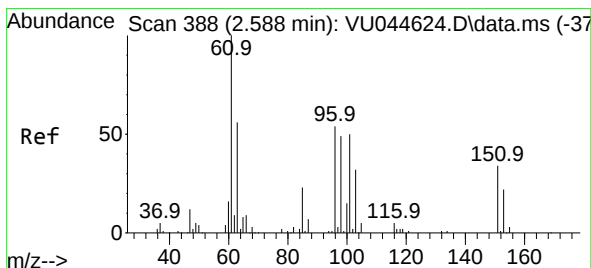
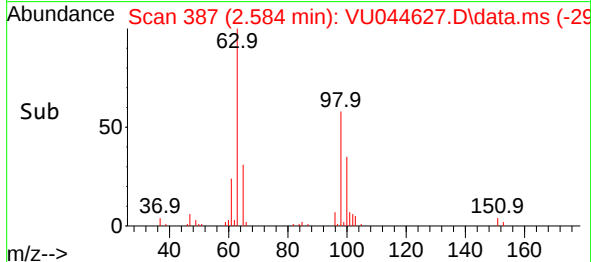
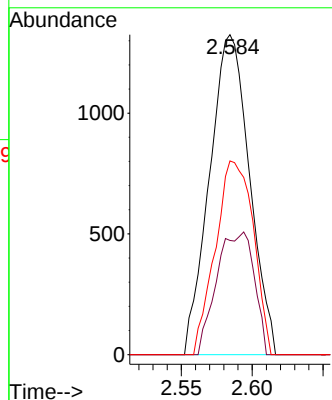
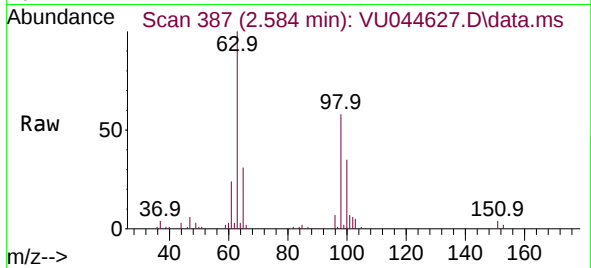
Delta R.T. -0.003 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion:	101	Resp:	2599
Ion	Ratio	Lower	Upper
101	100		
85	36.0	35.4	53.2
151	57.6	53.9	80.9

Instrument :
MSVOA_U
ClientSampleId :



#12

1,1-Dichloroethene

Concen: 0.286 ug/L

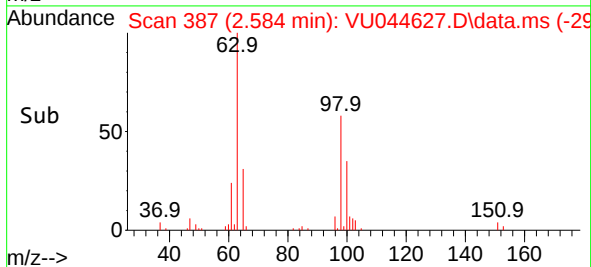
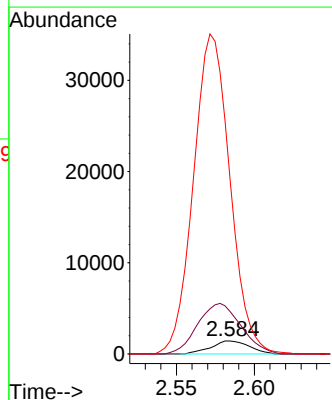
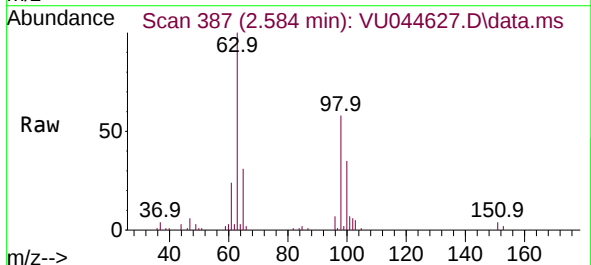
RT: 2.584 min Scan# 387

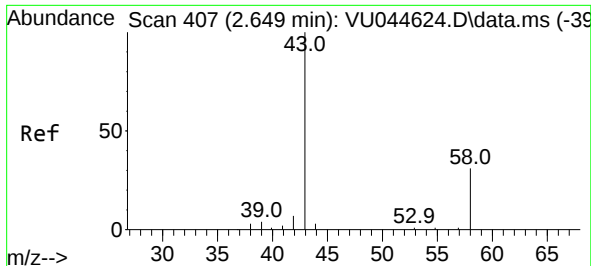
Delta R.T. -0.003 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion:	96	Resp:	2445
Ion	Ratio	Lower	Upper
96	100		
61	326.6	129.3	240.1#
63	1352.0	91.3	169.5#

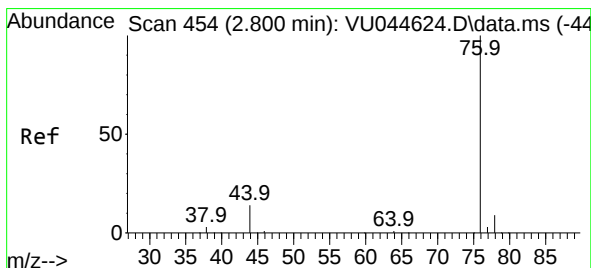
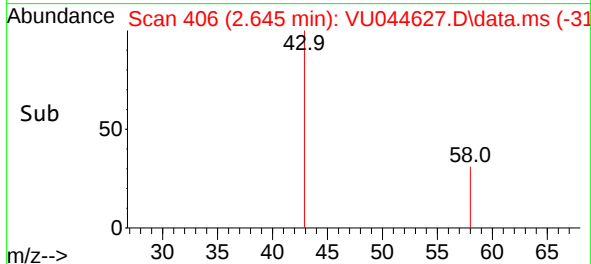
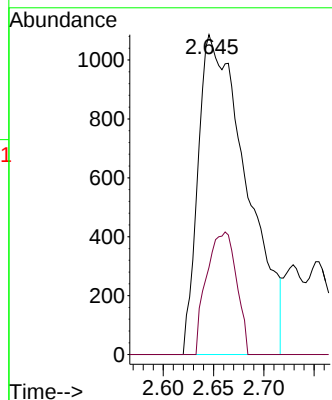
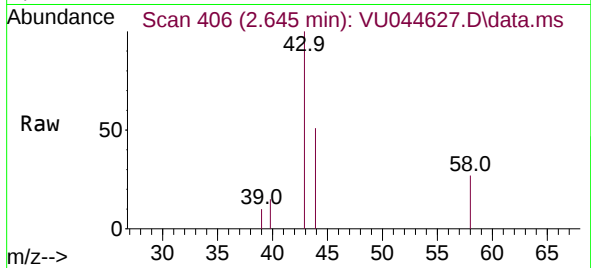




#13
Acetone
Concen: 1.695 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

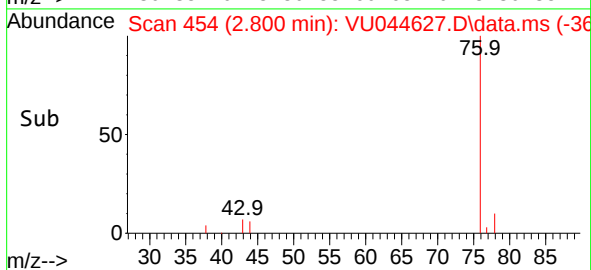
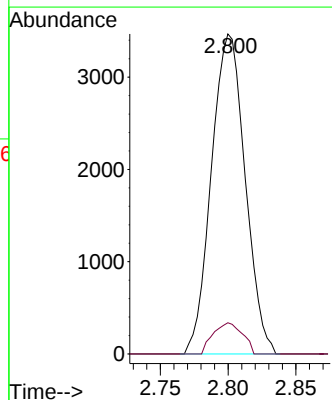
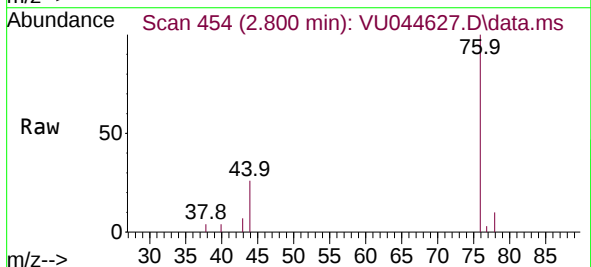
Instrument :
MSVOA_U
ClientSampleId :

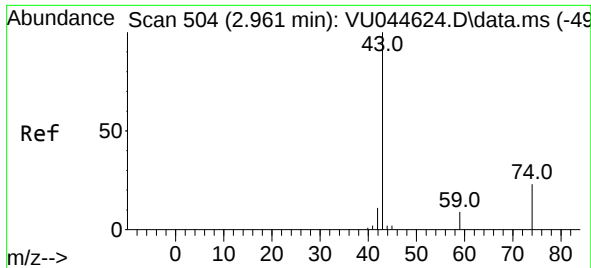
Tgt Ion: 43 Resp: 3639
Ion Ratio Lower Upper
43 100
58 23.5 0.0 42.4



#14
Carbon disulfide
Concen: 0.222 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 76 Resp: 6006
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

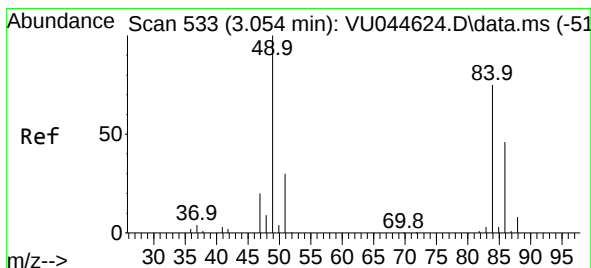
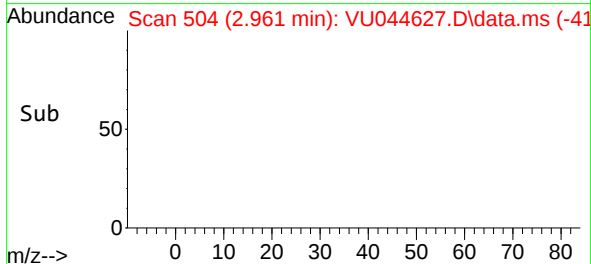
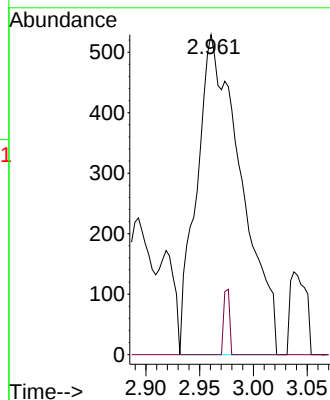
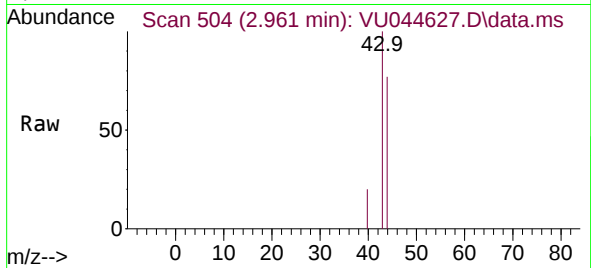




#15
Methyl Acetate
Concen: 0.392 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

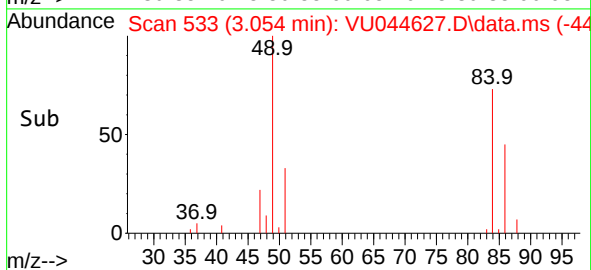
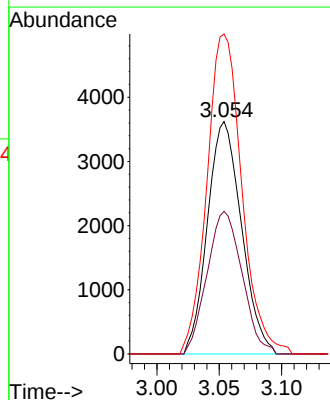
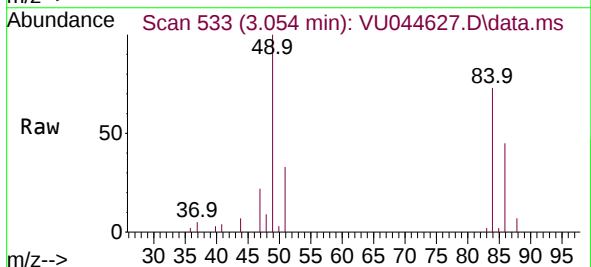
Instrument :
MSVOA_U
ClientSampled :

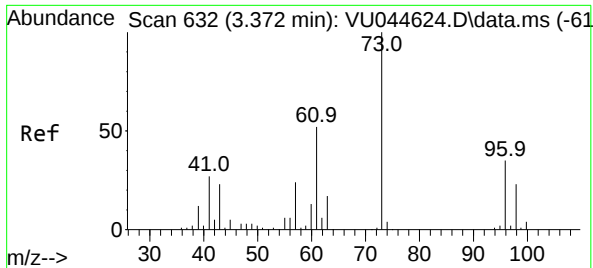
Tgt Ion: 43 Resp: 1521
Ion Ratio Lower Upper
43 100
74 2.7 20.6 30.8#



#16
Methylene chloride
Concen: 0.506 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 84 Resp: 6885
Ion Ratio Lower Upper
84 100
86 61.3 45.8 85.2
49 137.7 92.9 172.5

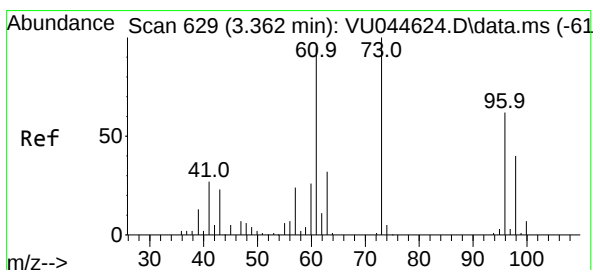
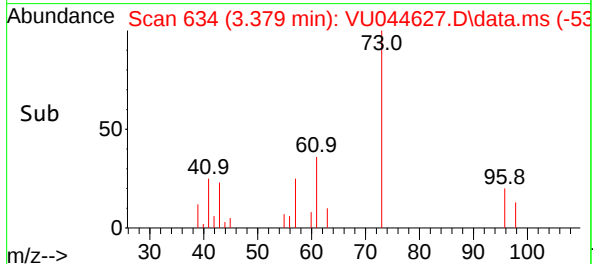
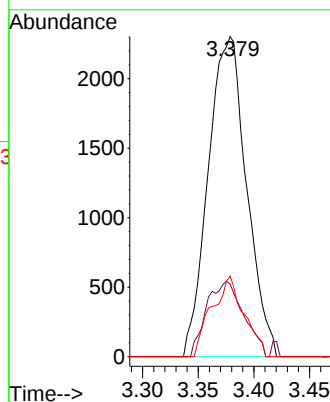
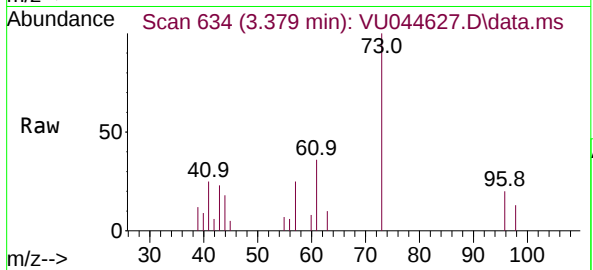




#17
Methyl tert-butyl Ether
Concen: 0.233 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.006 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

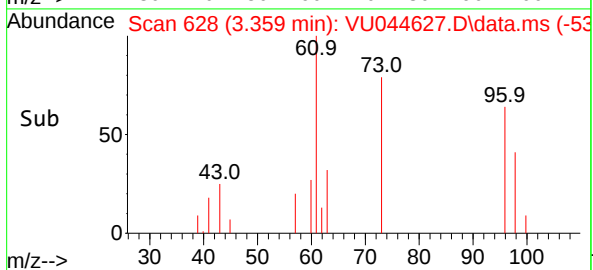
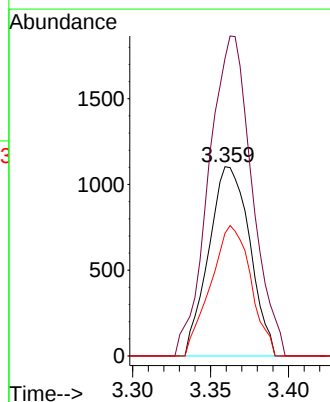
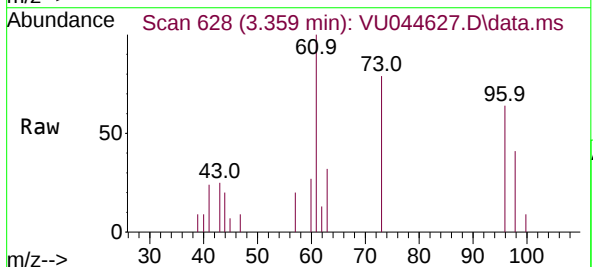
Instrument :
MSVOA_U
ClientSampled :

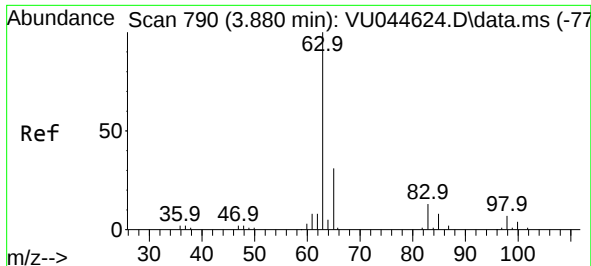
Tgt Ion: 73	Resp: 5511
Ion Ratio	Lower Upper
73 100	
43 22.9	17.8 26.6
57 21.2	18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 0.222 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 96	Resp: 2023
Ion Ratio	Lower Upper
96 100	
61 157.2	107.2 199.0
98 64.9	42.8 79.6





#19

1,1-Dichloroethane

Concen: 0.260 ug/L

RT: 3.880 min Scan# 790

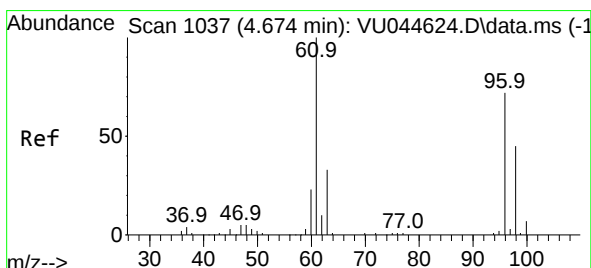
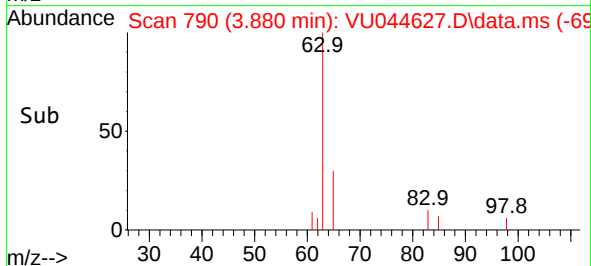
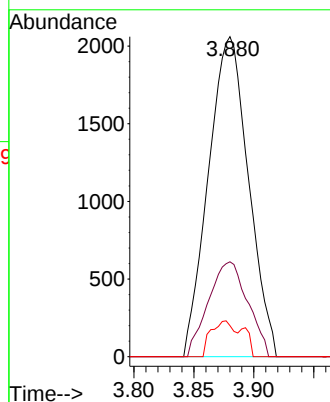
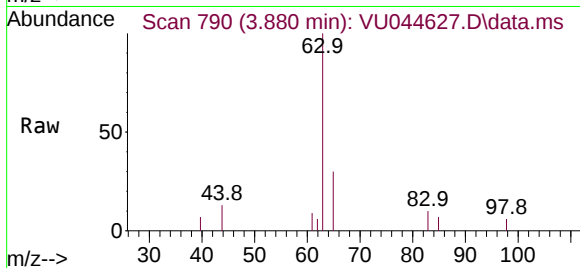
Delta R.T. -0.000 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion:	63	Resp:	4781
Ion	Ratio	Lower	Upper
63	100		
65	29.6	21.8	40.6
83	9.7	8.8	16.3

Instrument :
MSVOA_U
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 0.236 ug/L

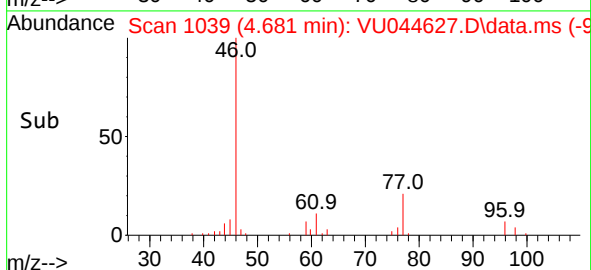
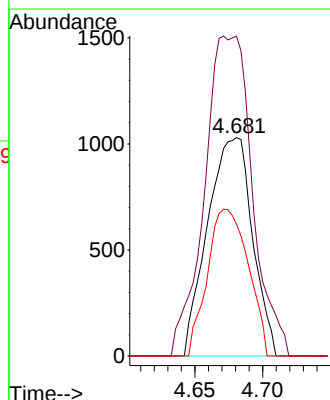
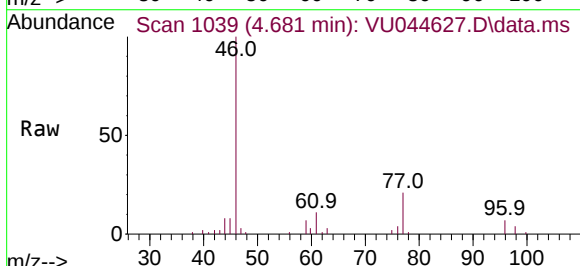
RT: 4.681 min Scan# 1039

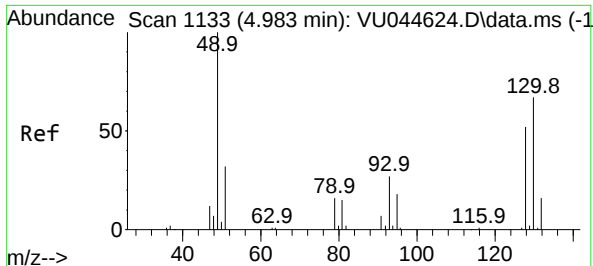
Delta R.T. 0.006 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion:	96	Resp:	2368
Ion	Ratio	Lower	Upper
96	100		
61	146.4	96.9	179.9
98	60.3	43.5	80.7





#23

Bromochloromethane

Concen: 0.237 ug/L

RT: 4.986 min Scan# 1134

Delta R.T. 0.003 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion: 128 Resp: 1009

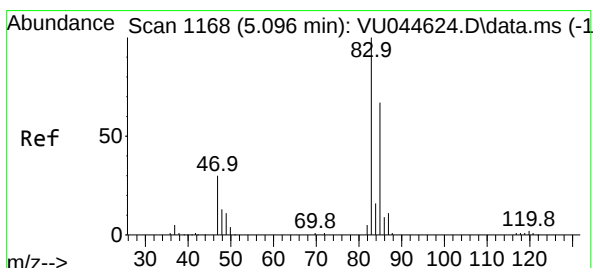
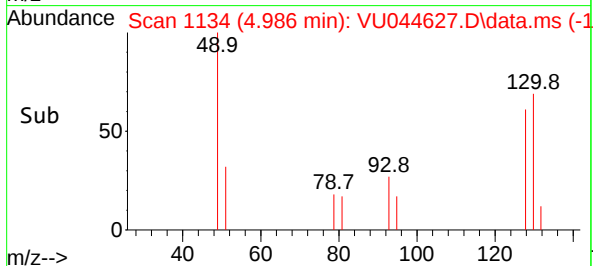
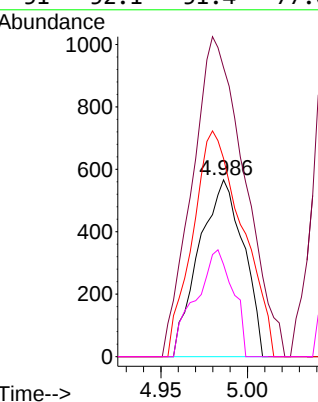
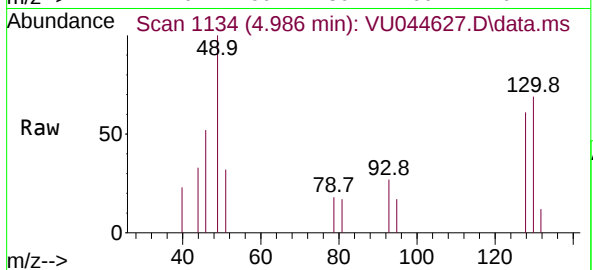
Ion Ratio Lower Upper

128 100

49 163.6 141.4 262.6

130 112.2 94.3 175.1

51 52.1 51.4 77.0



#25

Chloroform

Concen: 0.533 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU044627.D

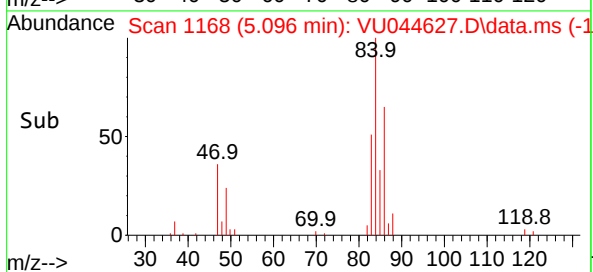
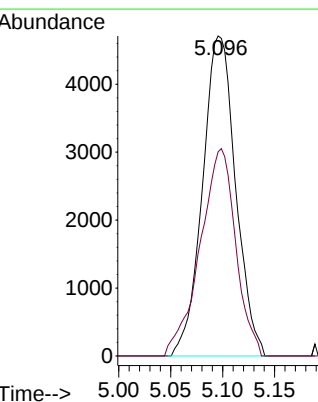
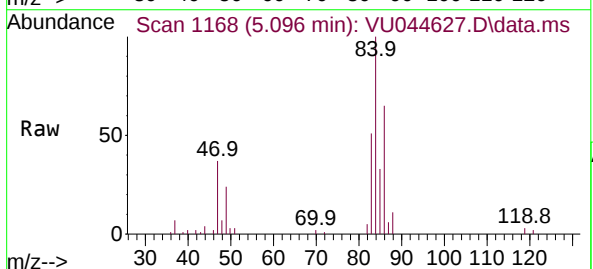
Acq: 14 Sep 2021 13:54

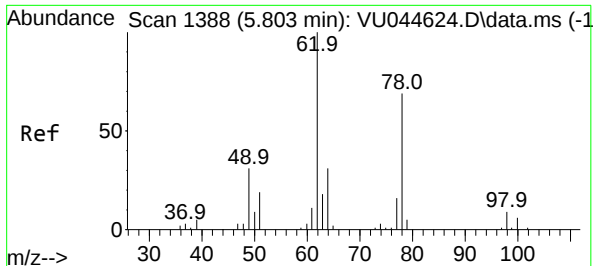
Tgt Ion: 83 Resp: 10445

Ion Ratio Lower Upper

83 100

85 63.8 44.2 82.0





#27

1,2-Dichloroethane

Concen: 0.261 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.003 min

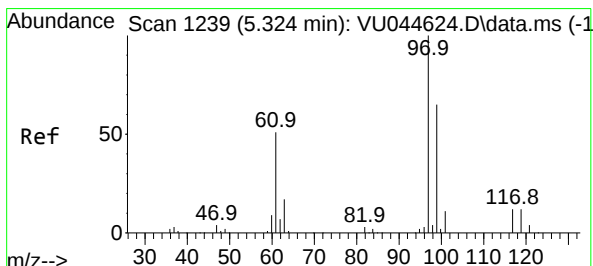
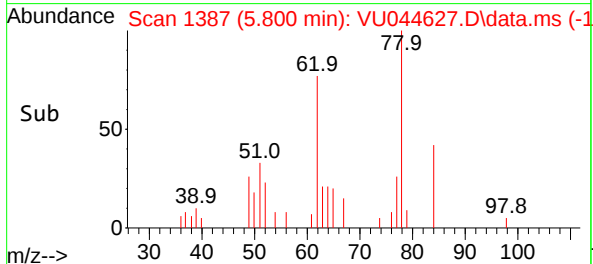
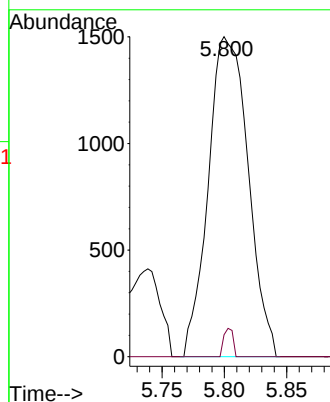
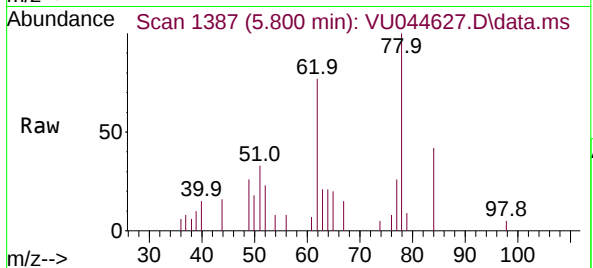
Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion: 62 Resp: 3346

Ion Ratio Lower Upper

62	100		
98	6.9	6.6	10.0



#29

1,1,1-Trichloroethane

Concen: 0.229 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.000 min

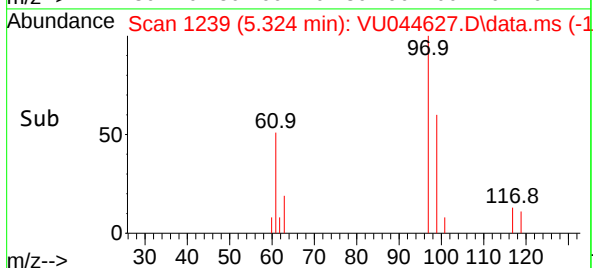
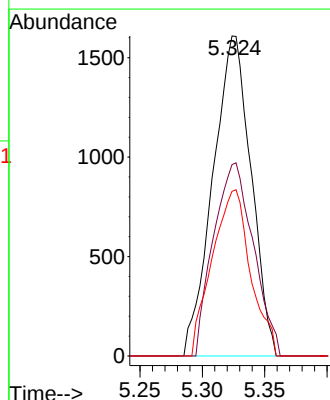
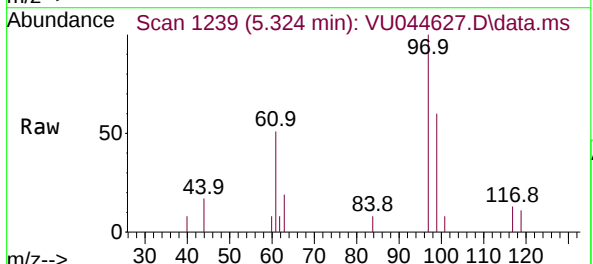
Lab File: VU044627.D

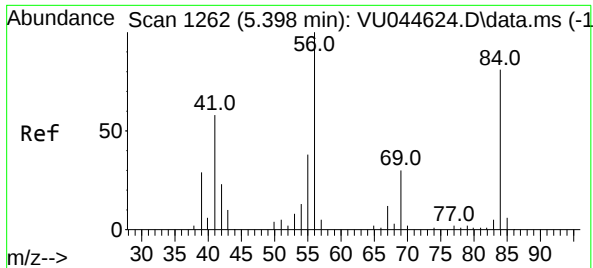
Acq: 14 Sep 2021 13:54

Tgt Ion: 97 Resp: 3422

Ion Ratio Lower Upper

97	100		
99	63.1	50.7	76.1
61	52.3	40.6	60.8





#30

Cyclohexane

Concen: 0.210 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. -0.000 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion: 56 Resp: 3590

Ion Ratio Lower Upper

56 100

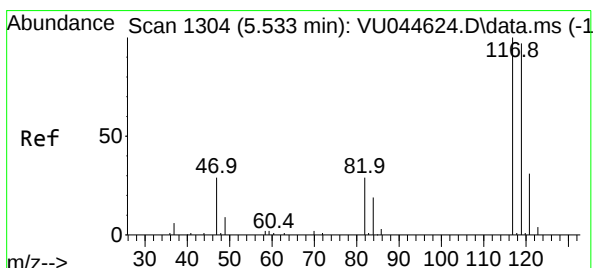
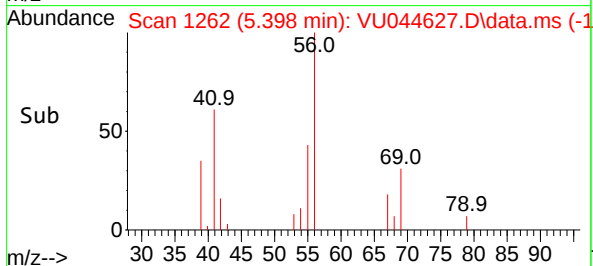
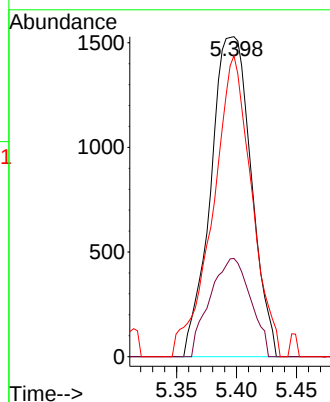
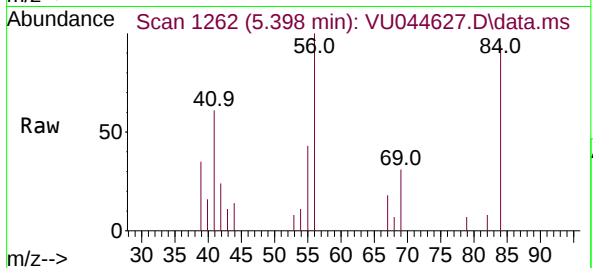
69 30.7 23.4 35.2

84 89.9 65.5 98.3

Instrument :

MSVOA_U

ClientSampled :



#31

Carbon tetrachloride

Concen: 0.233 ug/L

RT: 5.530 min Scan# 1303

Delta R.T. -0.003 min

Lab File: VU044627.D

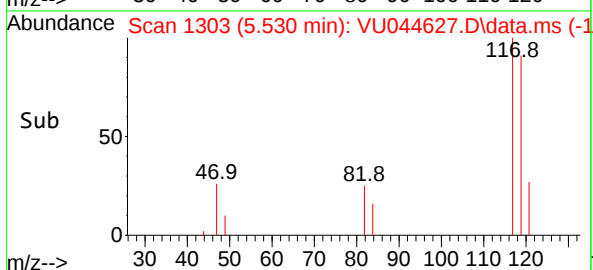
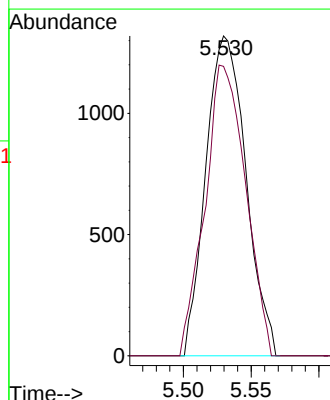
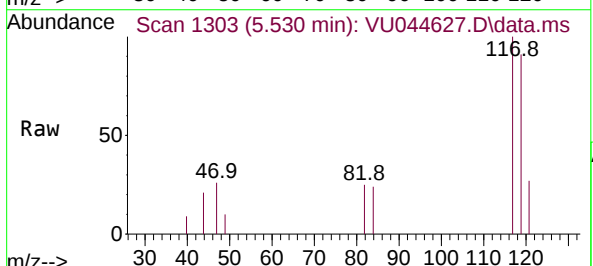
Acq: 14 Sep 2021 13:54

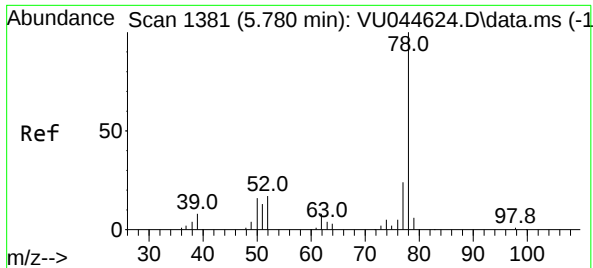
Tgt Ion: 117 Resp: 2721

Ion Ratio Lower Upper

117 100

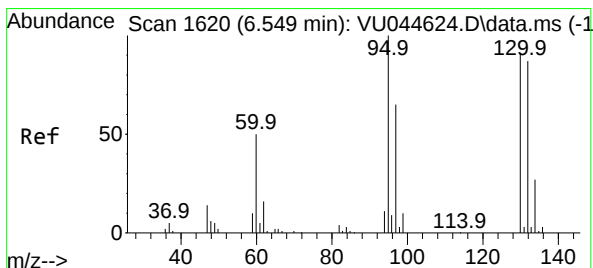
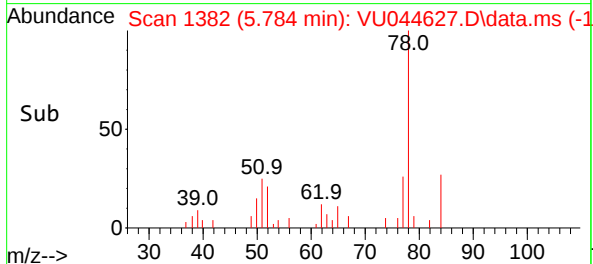
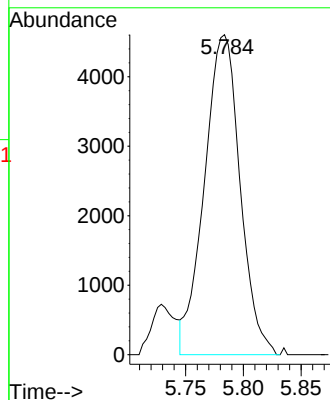
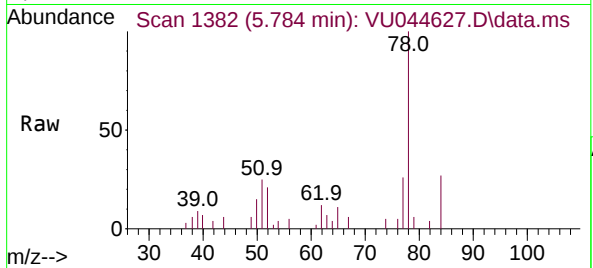
119 91.7 76.4 114.6





#33
Benzene
Concen: 0.244 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54
Tgt Ion: 78 Resp: 9908

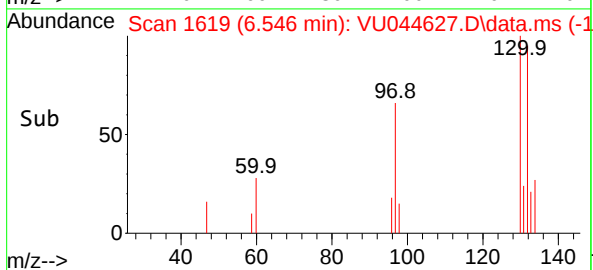
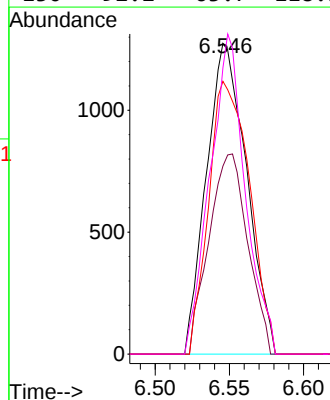
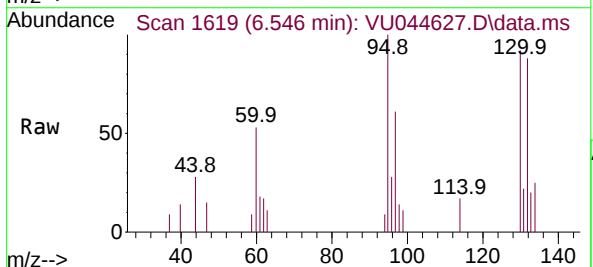
Instrument :
MSVOA_U
ClientSampled :

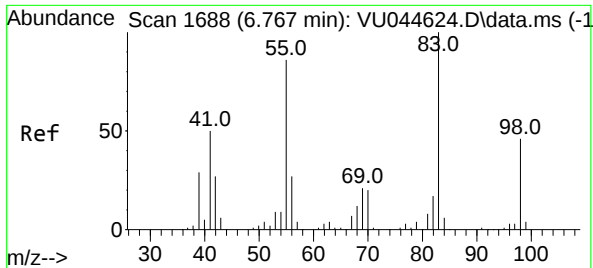


#34
Trichloroethene
Concen: 0.238 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 95 Resp: 2394

Ion	Ratio	Lower	Upper
95	100		
97	60.5	44.7	82.9
132	87.8	60.3	111.9
130	92.2	63.7	118.3





#35

Methylcyclohexane

Concen: 0.235 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

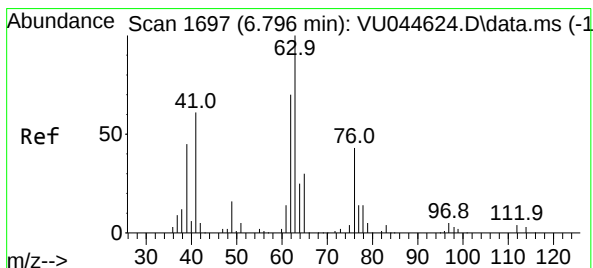
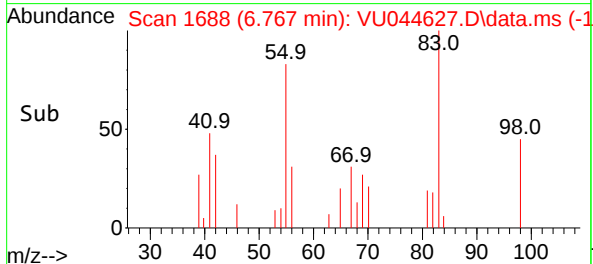
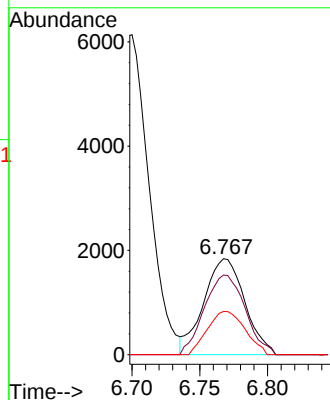
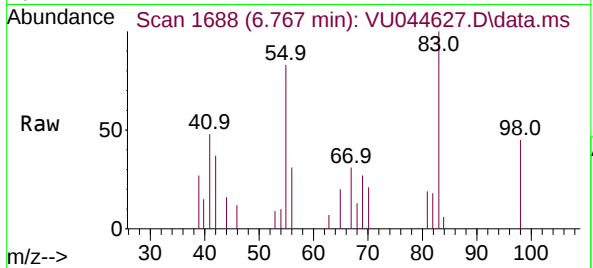
Tgt Ion: 83 Resp: 3879

Ion Ratio Lower Upper

83 100

55 82.3 68.3 102.5

98 41.4 37.3 55.9



#37

1,2-Dichloropropane

Concen: 0.241 ug/L

RT: 6.800 min Scan# 1698

Delta R.T. 0.003 min

Lab File: VU044627.D

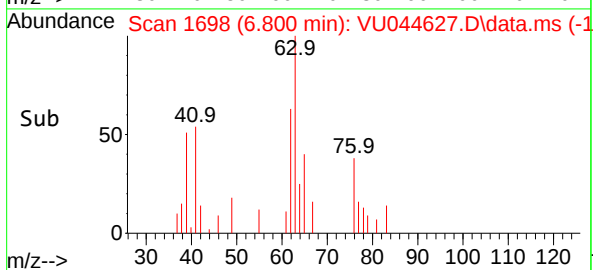
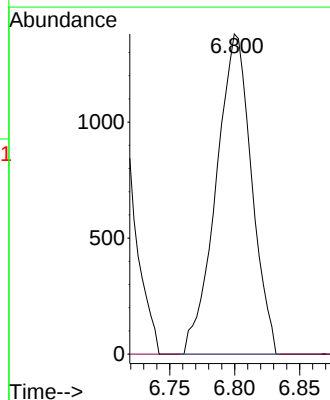
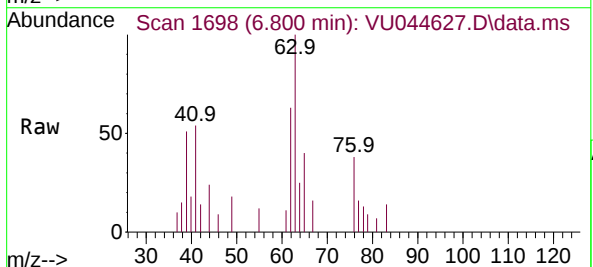
Acq: 14 Sep 2021 13:54

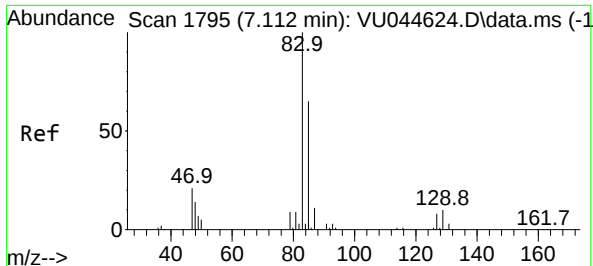
Tgt Ion: 63 Resp: 2621

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#38

Bromodichloromethane

Concen: 0.236 ug/L

RT: 7.112 min Scan# 1795

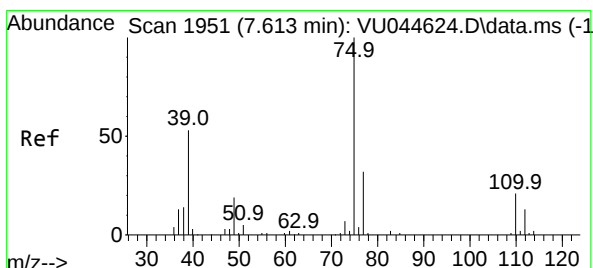
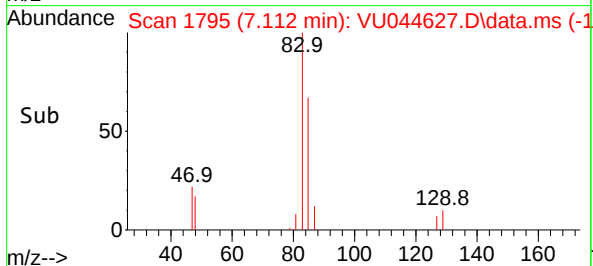
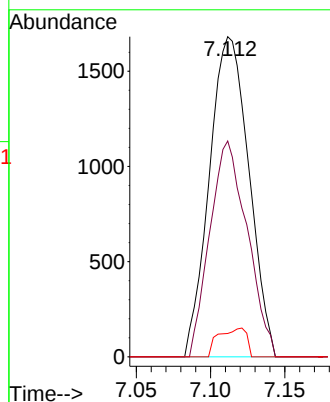
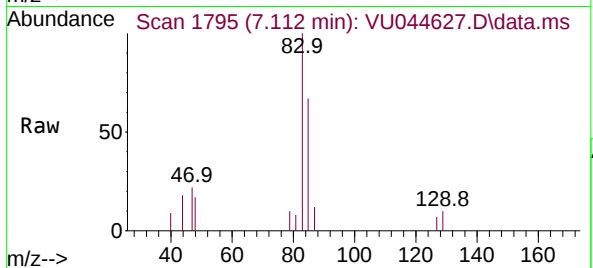
Delta R.T. -0.000 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion:	83	Resp:	3114
Ion	Ratio	Lower	Upper
83	100		
85	67.4	46.3	86.1
127	7.3	6.0	9.0

Instrument :
MSVOA_U
ClientSampled :



#39

cis-1,3-Dichloropropene

Concen: 0.224 ug/L

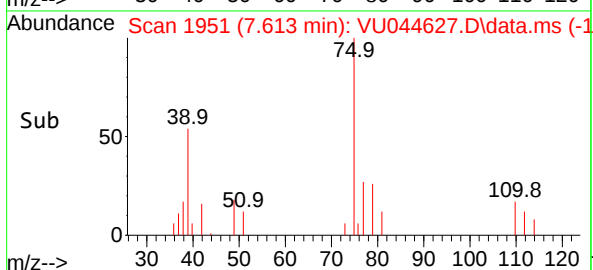
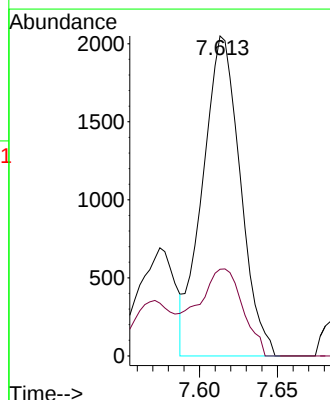
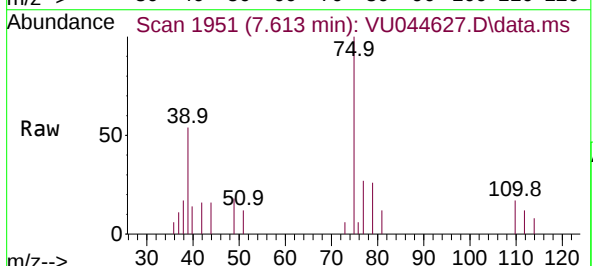
RT: 7.613 min Scan# 1951

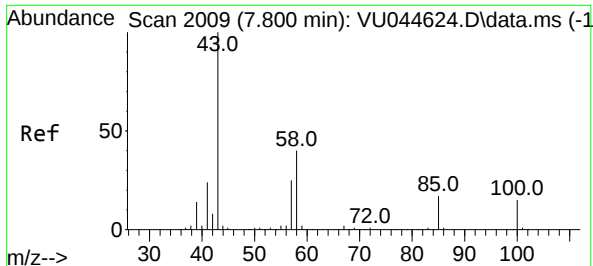
Delta R.T. -0.000 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion:	75	Resp:	3457
Ion	Ratio	Lower	Upper
75	100		
77	27.1	21.5	39.9





#40

4-Methyl-2-pentanone

Concen: 2.140 ug/L

RT: 7.803 min Scan# 2010

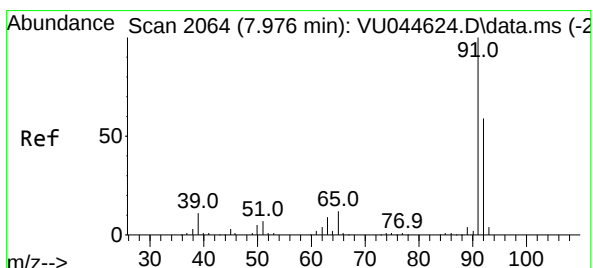
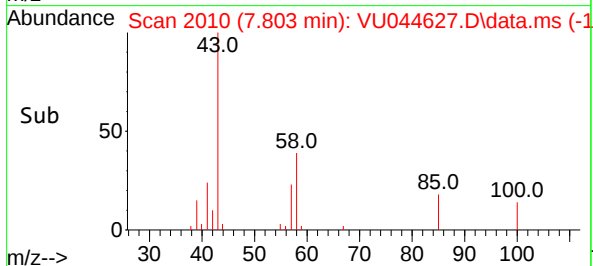
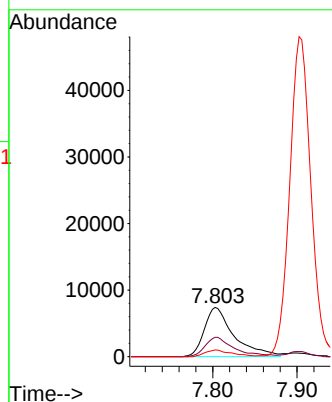
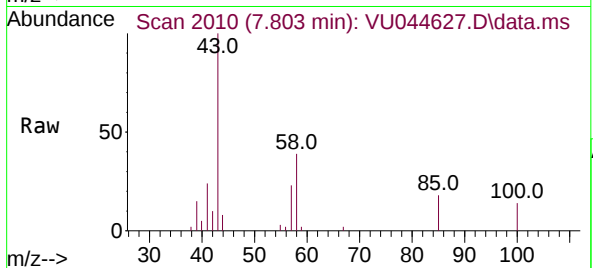
Delta R.T. 0.003 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion:	43	Resp:	18125
Ion Ratio	Lower	Upper	
43	100		
58	38.3	31.2	46.8
100	0.0	11.4	17.0#

Instrument :
MSVOA_U
ClientSampled :



#42

Toluene

Concen: 0.267 ug/L

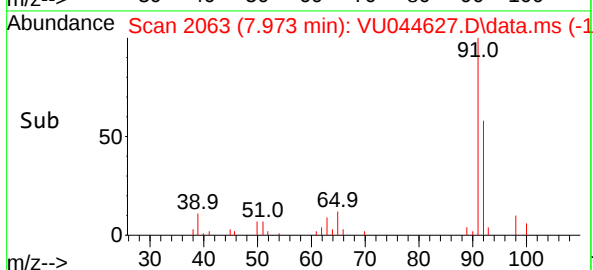
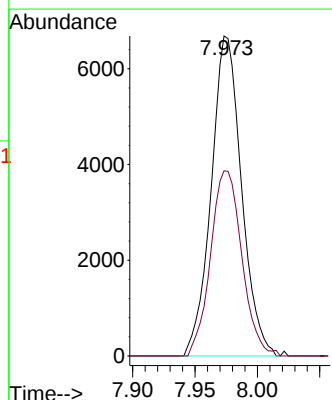
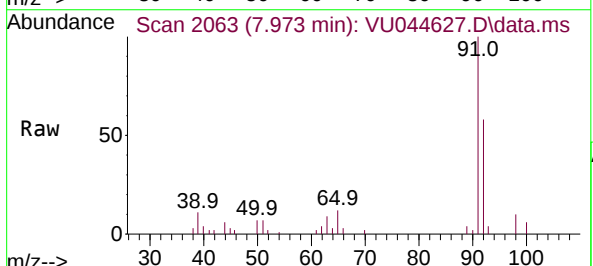
RT: 7.973 min Scan# 2063

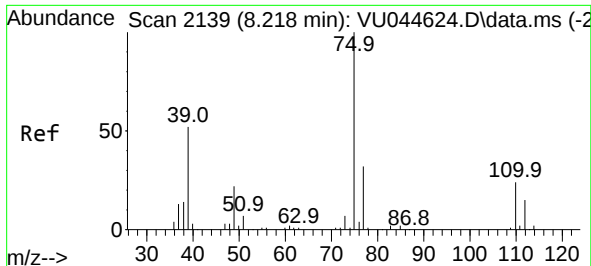
Delta R.T. -0.003 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion:	91	Resp:	11316
Ion Ratio	Lower	Upper	
91	100		
92	57.8	41.1	76.3



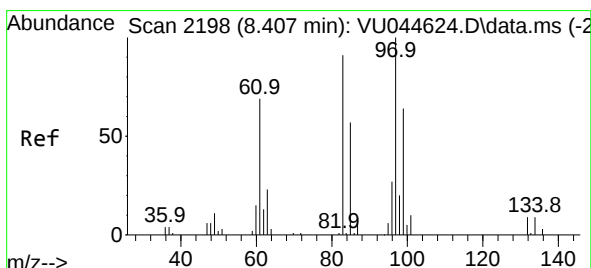
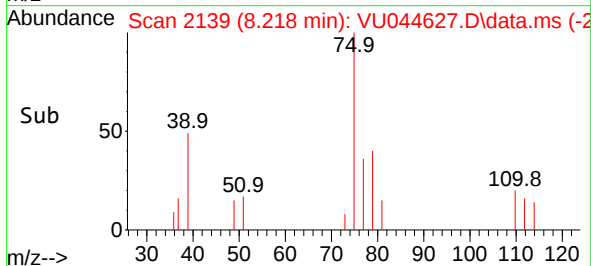
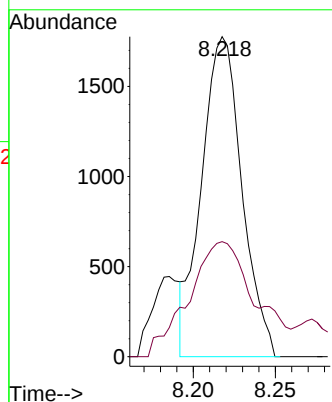
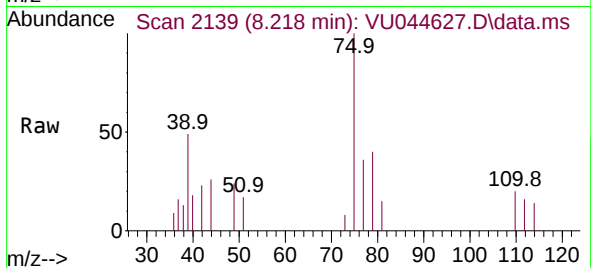


#44

trans-1,3-Dichloropropene
Concen: 0.231 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Instrument :
MSVOA_U
ClientSampleId :

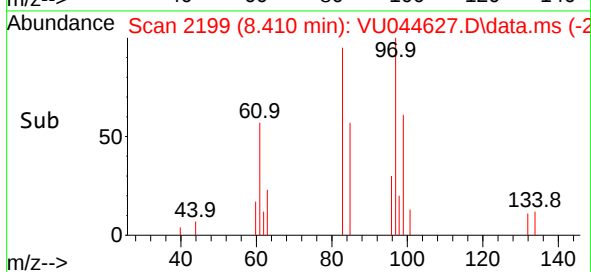
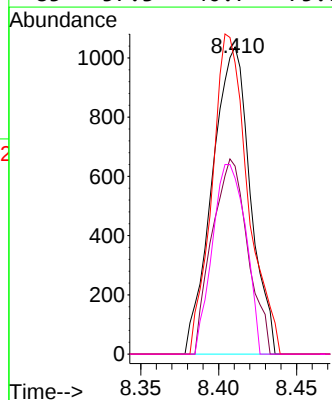
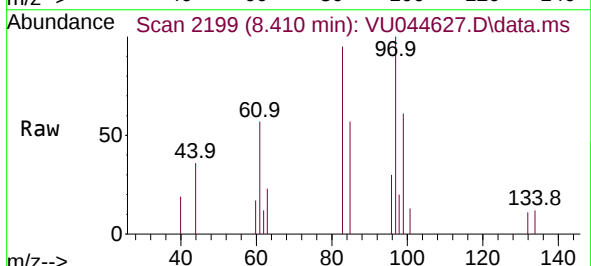
Tgt Ion: 75 Resp: 3036
Ion Ratio Lower Upper
75 100
77 36.0 22.0 41.0

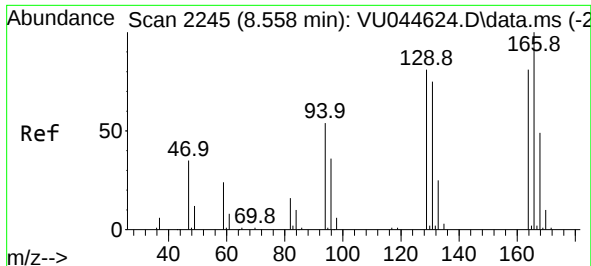


#45

1,1,2-Trichloroethane
Concen: 0.228 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 97 Resp: 1765
Ion Ratio Lower Upper
97 100
99 61.2 44.8 83.2
83 94.9 63.6 118.0
85 57.3 40.7 75.7





#47

Tetrachloroethene

Concen: 0.225 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.000 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion:164 Resp: 1569

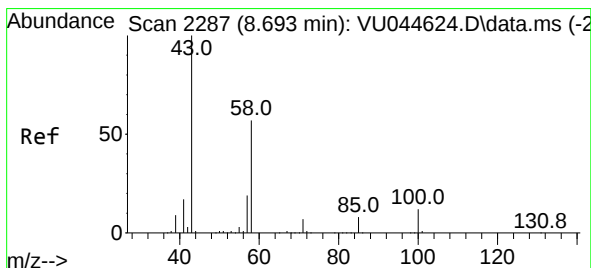
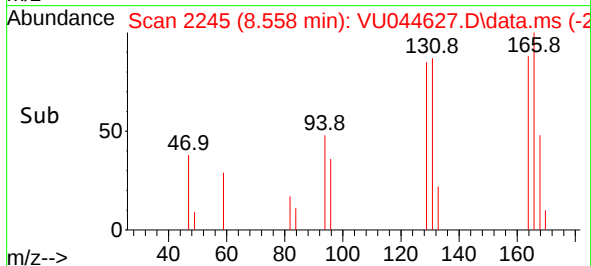
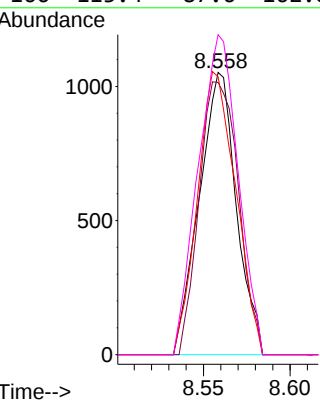
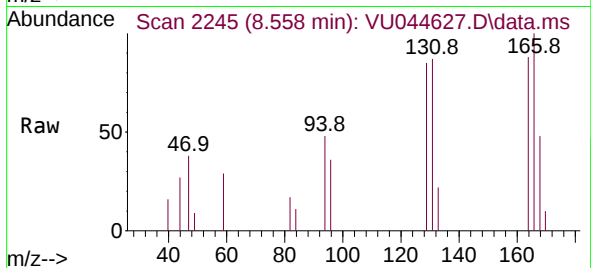
Ion Ratio Lower Upper

164 100

129 96.5 67.0 124.4

131 98.5 65.2 121.0

166 113.4 87.6 162.8



#48

2-Hexanone

Concen: 3.251 ug/L

RT: 8.697 min Scan# 2288

Delta R.T. 0.003 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion: 43 Resp: 20500

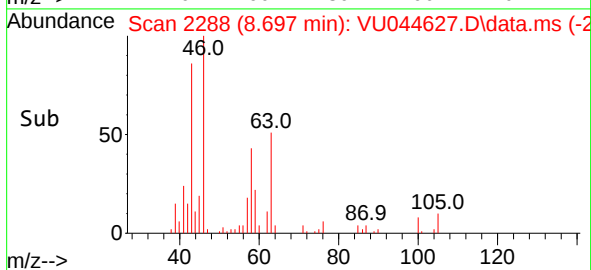
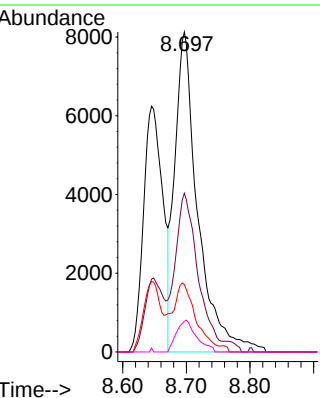
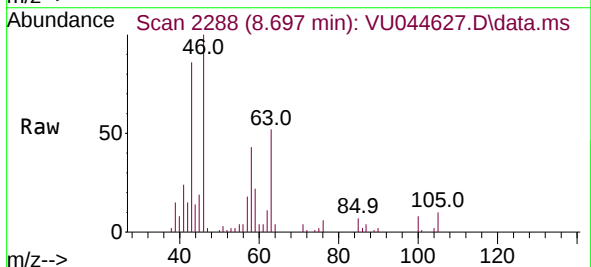
Ion Ratio Lower Upper

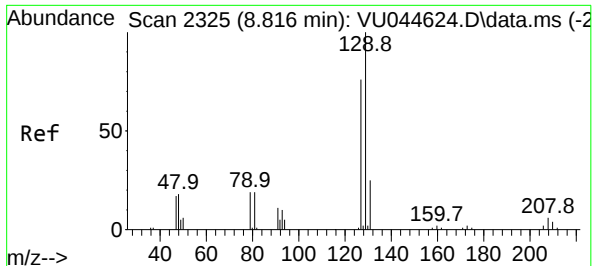
43 100

58 51.5 44.6 66.8

57 20.5 14.8 22.2

100 8.5 9.0 13.4#





#49

Dibromochloromethane

Concen: 0.228 ug/L

RT: 8.812 min Scan# 2324

Delta R.T. -0.003 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion:129 Resp: 1851

Ion Ratio Lower Upper

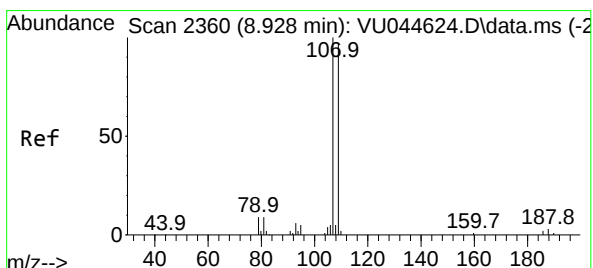
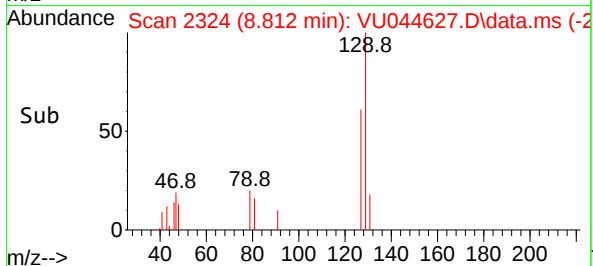
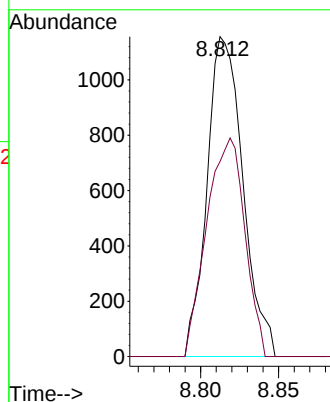
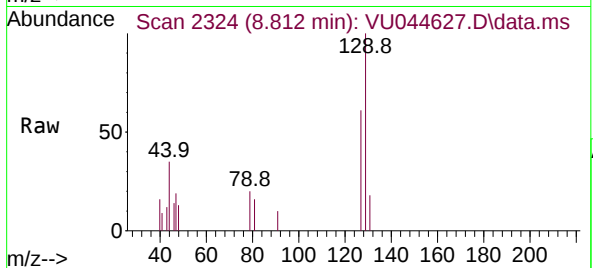
129 100

127 61.0 53.3 99.1

Instrument :

MSVOA_U

ClientSampled :



#50

1,2-Dibromoethane

Concen: 0.231 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

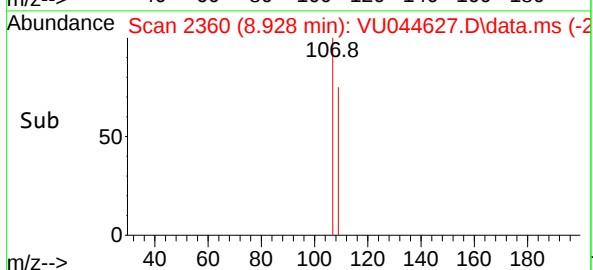
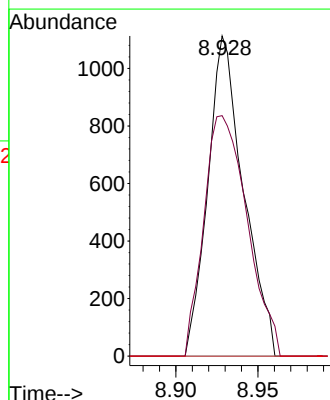
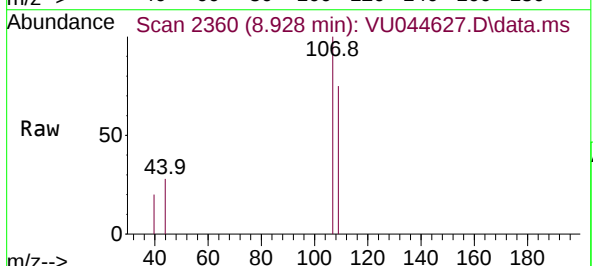
Tgt Ion:107 Resp: 1680

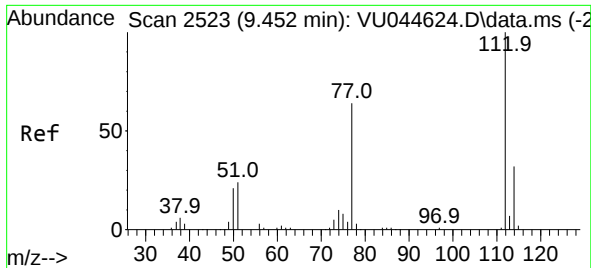
Ion Ratio Lower Upper

107 100

109 75.1 65.5 121.7

188 0.0 3.0 4.4#

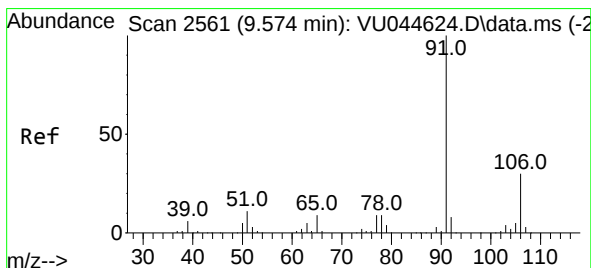
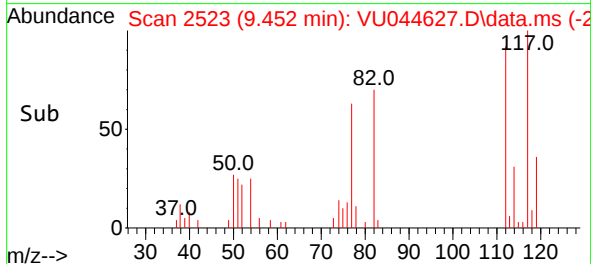
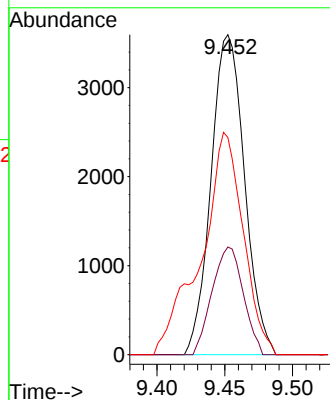
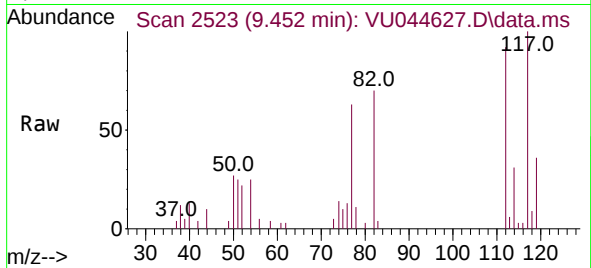




#51
Chlorobenzene
Concen: 0.235 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

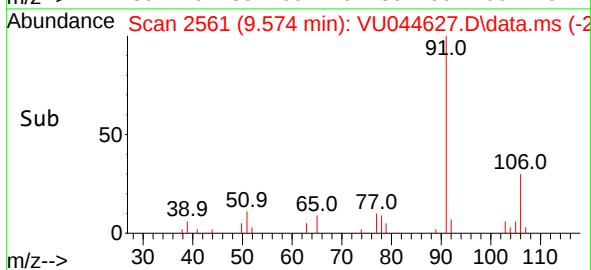
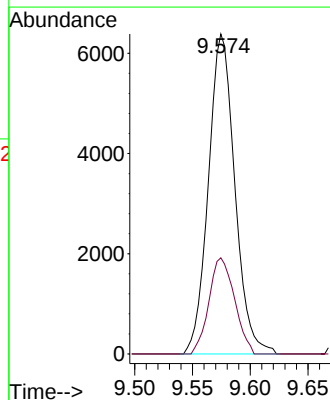
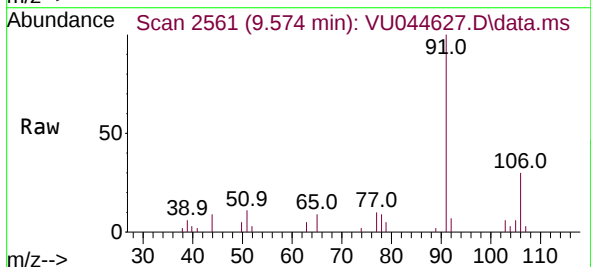
Instrument :
MSVOA_U
ClientSampled :

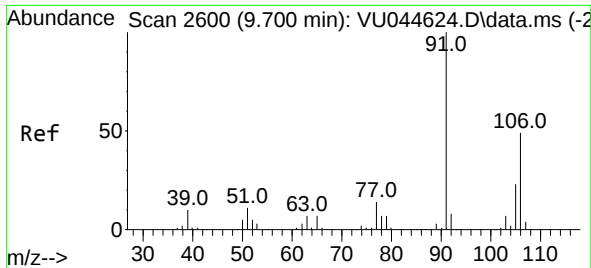
Tgt Ion:	112	Resp:	6187
Ion Ratio	Lower	Upper	
112	100		
114	33.6	22.8	42.4
77	67.8	51.4	77.0



#52
Ethylbenzene
Concen: 0.221 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:	91	Resp:	10165
Ion Ratio	Lower	Upper	
91	100		
106	30.1	21.1	39.1

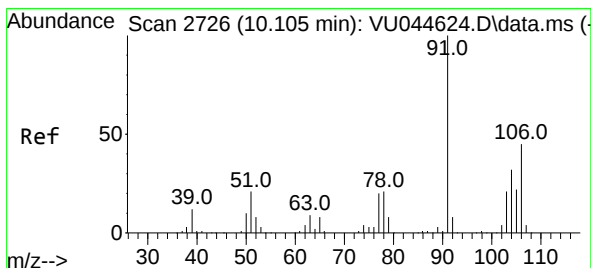
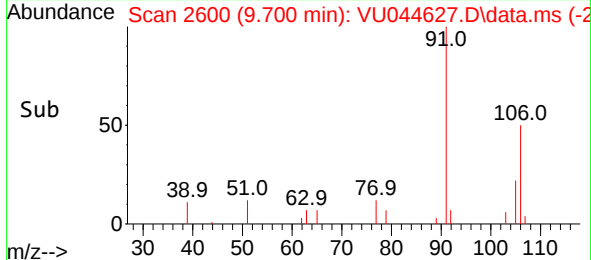
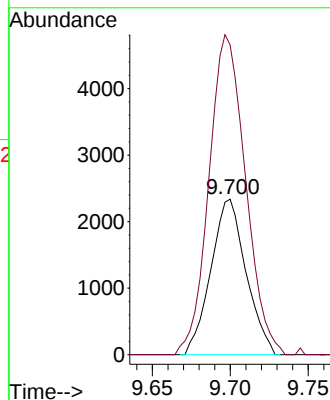
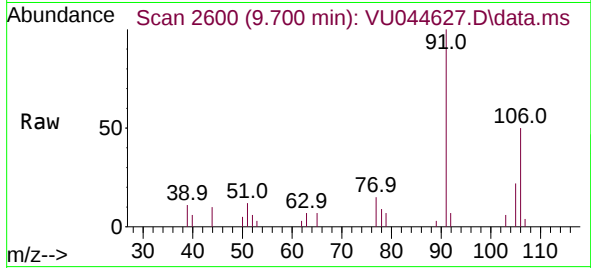




#53
m,p-Xylene
Concen: 0.210 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

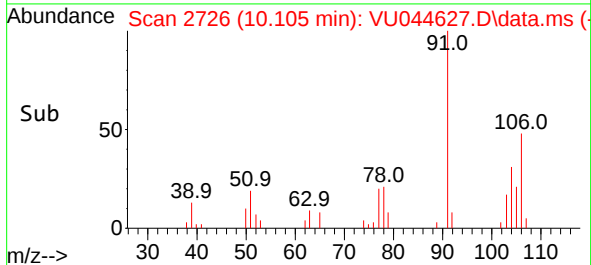
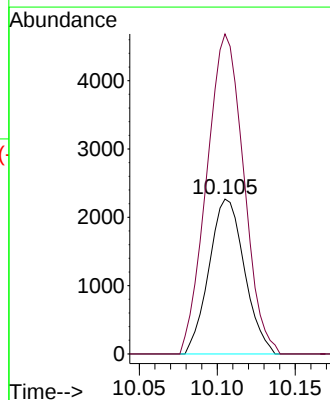
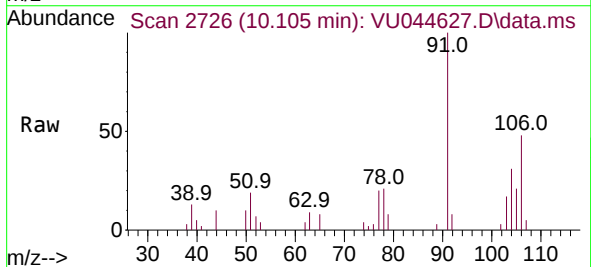
Instrument :
MSVOA_U
ClientSampled :

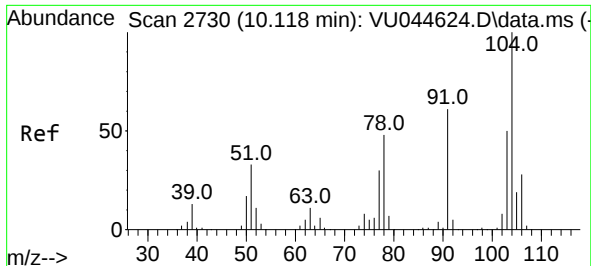
Tgt Ion:106 Resp: 3673
Ion Ratio Lower Upper
106 100
91 199.2 144.6 268.6



#54
o-Xylene
Concen: 0.214 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:106 Resp: 3575
Ion Ratio Lower Upper
106 100
91 206.7 156.2 290.0

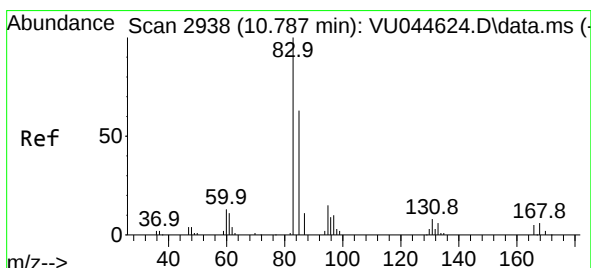
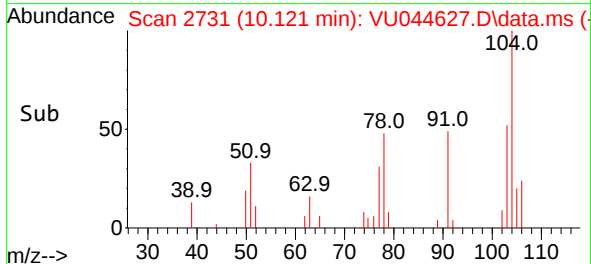
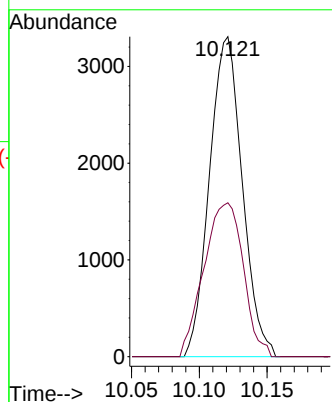
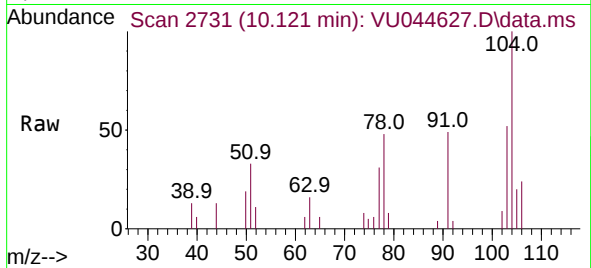




#55
Styrene
Concen: 0.190 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

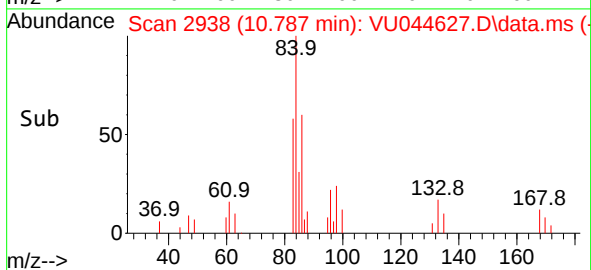
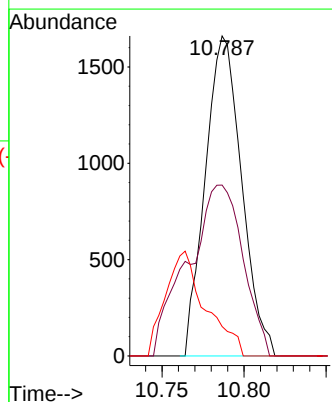
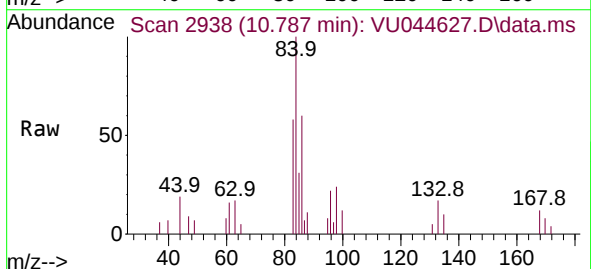
Instrument :
MSVOA_U
ClientSampled :

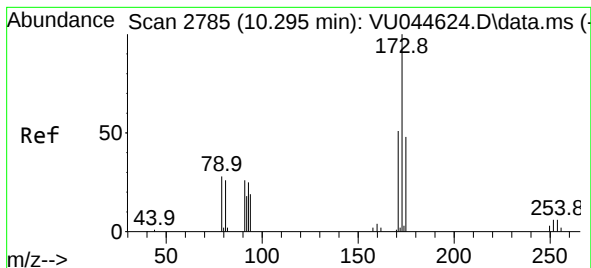
Tgt Ion:104 Resp: 5561
Ion Ratio Lower Upper
104 100
78 48.1 33.6 62.4



#57
1,1,2,2-Tetrachloroethane
Concen: 0.246 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 83 Resp: 2554
Ion Ratio Lower Upper
83 100
85 53.4 44.5 82.7
131 9.2 6.6 10.0





#59

Bromoform

Concen: 0.229 ug/L

RT: 10.298 min Scan# 2786

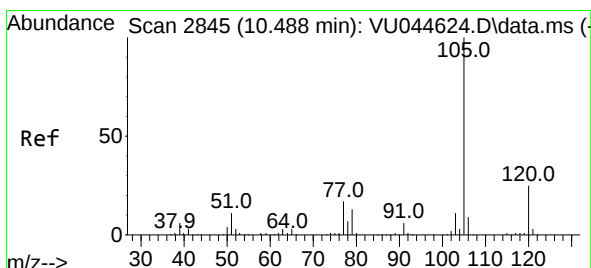
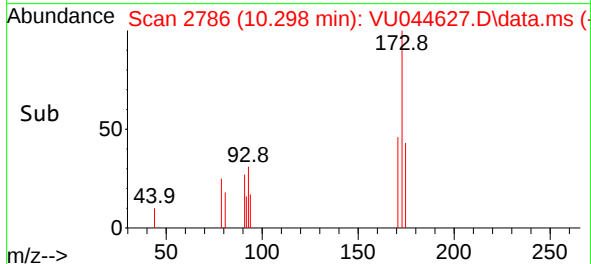
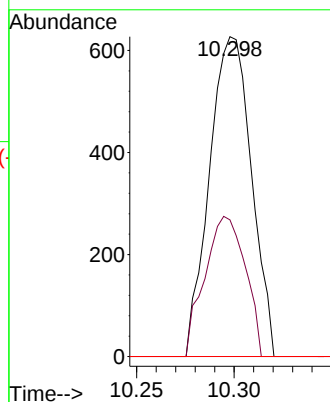
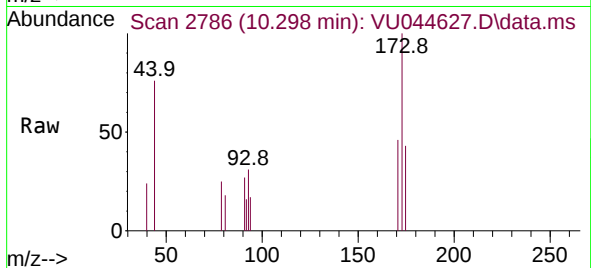
Delta R.T. 0.003 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion:	173	Resp:	939
Ion	Ratio	Lower	Upper
173	100		
175	42.4	38.8	58.2
254	0.0	4.9	7.3#

Instrument :
MSVOA_U
ClientSampled :



#60

Isopropylbenzene

Concen: 0.219 ug/L

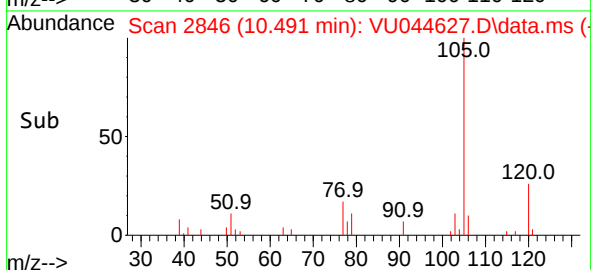
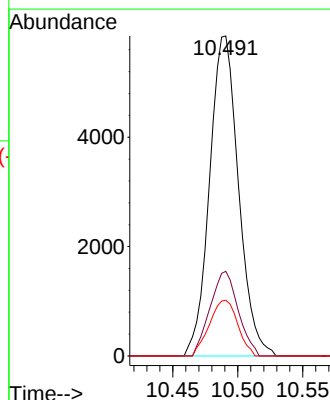
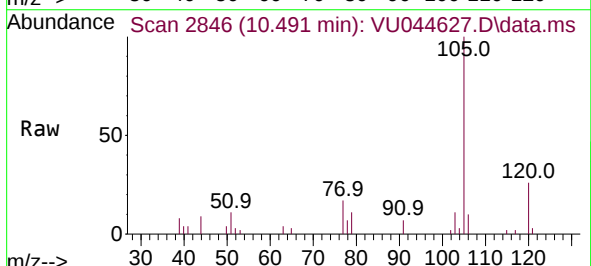
RT: 10.491 min Scan# 2846

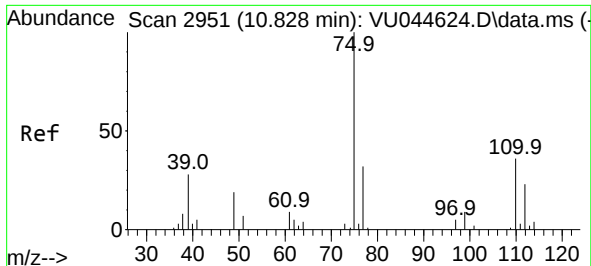
Delta R.T. 0.003 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion:	105	Resp:	9067
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.2	30.2
77	17.0	13.6	20.4

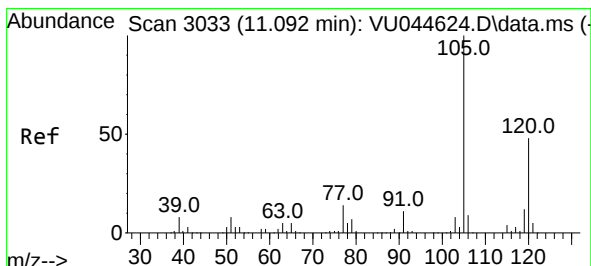
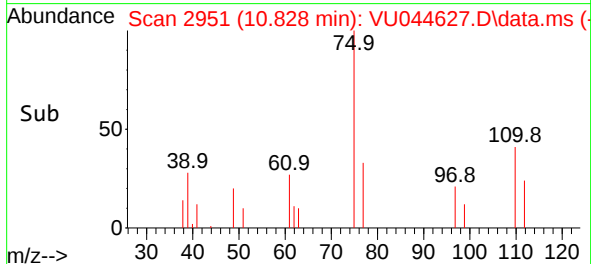
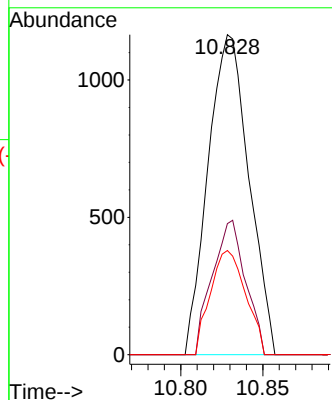
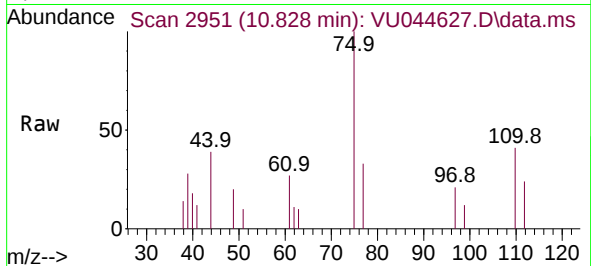




#61
1,2,3-Trichloropropane
Concen: 0.276 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

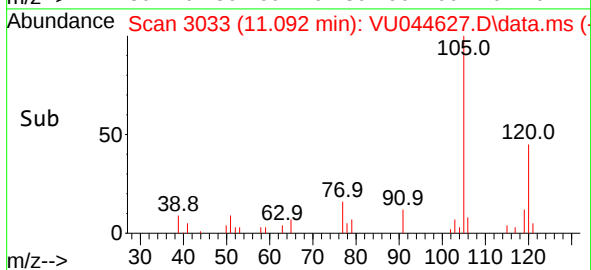
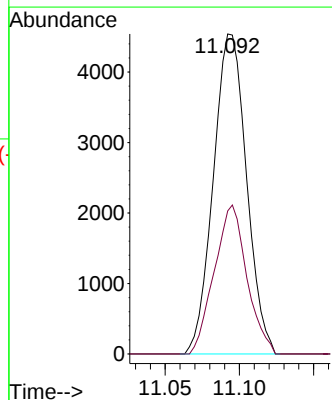
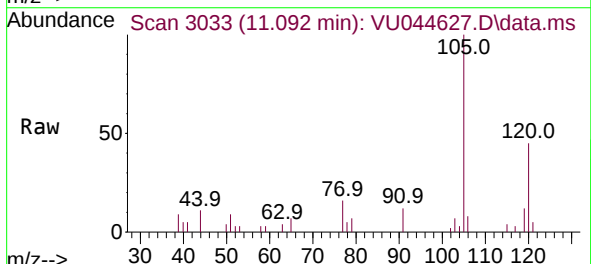
Instrument :
MSVOA_U
ClientSampled :

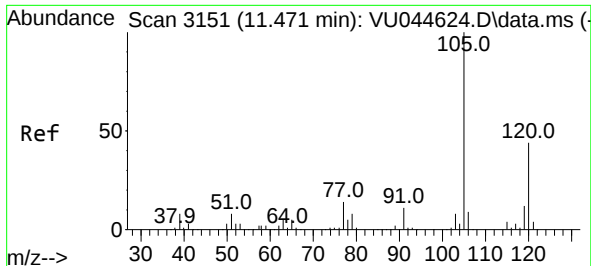
Tgt Ion: 75 Resp: 2014
Ion Ratio Lower Upper
75 100
110 34.3 28.8 43.2
77 28.2 25.9 38.9



#62
1,3,5-Trimethylbenzene
Concen: 0.205 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 105 Resp: 7056
Ion Ratio Lower Upper
105 100
120 45.6 38.2 57.2

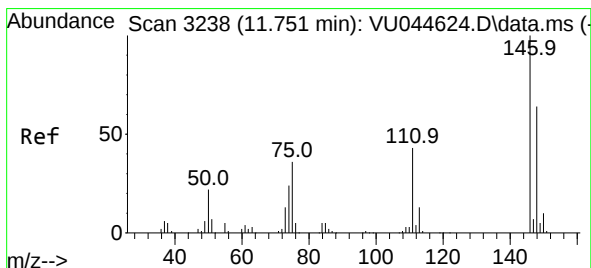
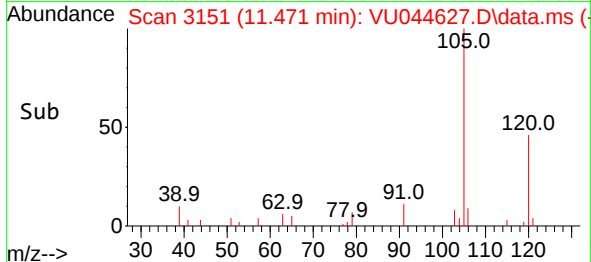
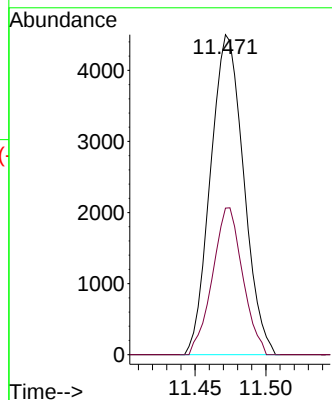
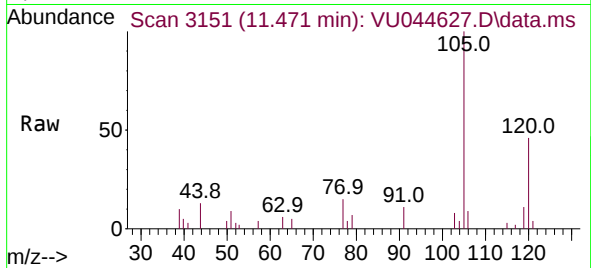




#63
1,2,4-Trimethylbenzene
Concen: 0.208 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

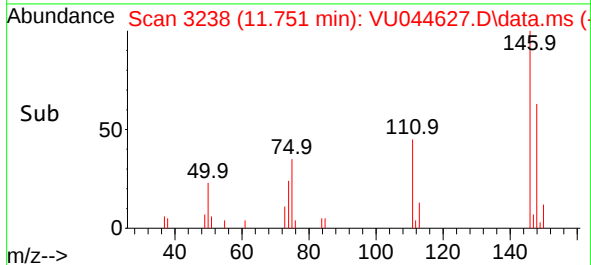
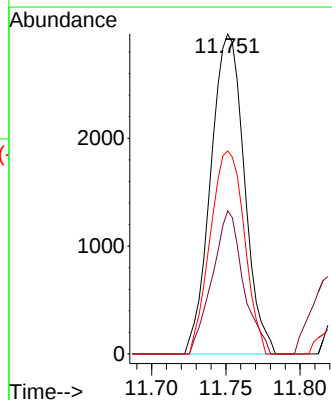
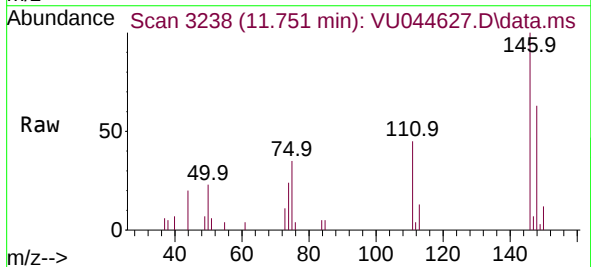
Instrument :
MSVOA_U
ClientSampled :

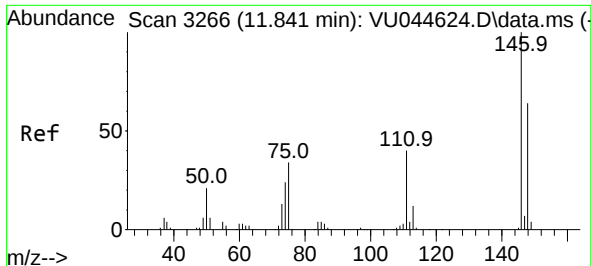
Tgt Ion:105 Resp: 7337
Ion Ratio Lower Upper
105 100
120 41.8 35.4 53.2



#64
1,3-Dichlorobenzene
Concen: 0.242 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:146 Resp: 4669
Ion Ratio Lower Upper
146 100
111 44.8 29.8 55.4
148 63.5 45.2 84.0

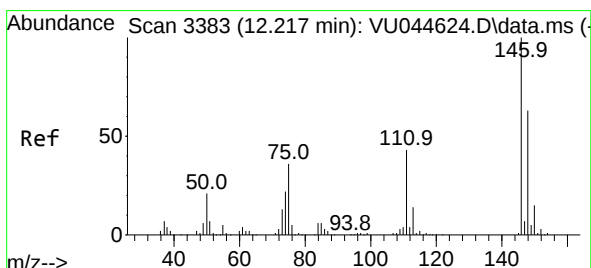
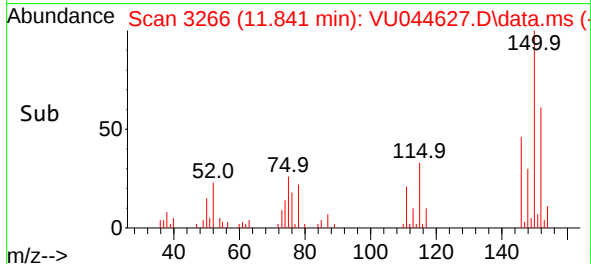
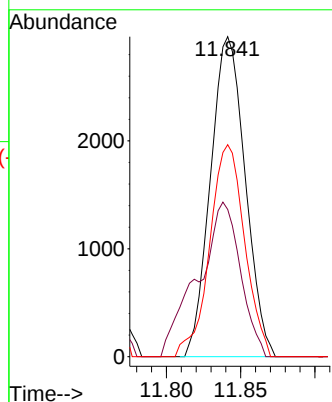
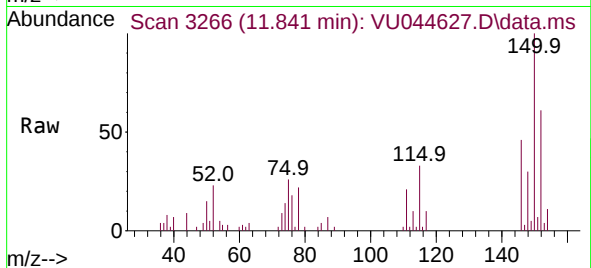




#65
1,4-Dichlorobenzene
Concen: 0.242 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

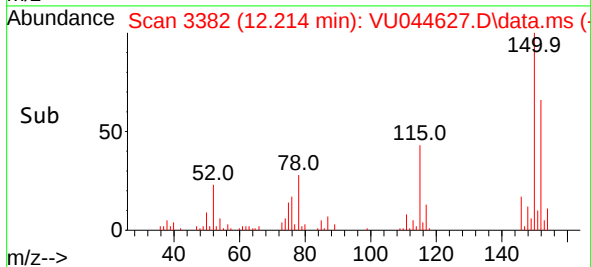
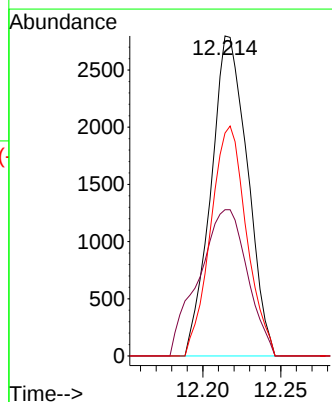
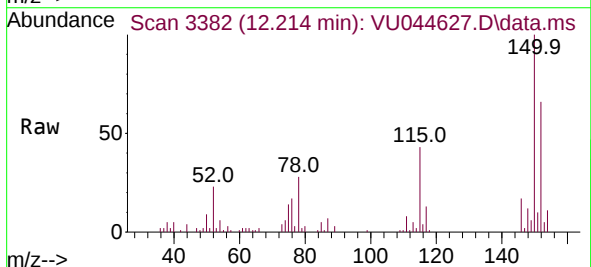
Instrument :
MSVOA_U
ClientSampled :

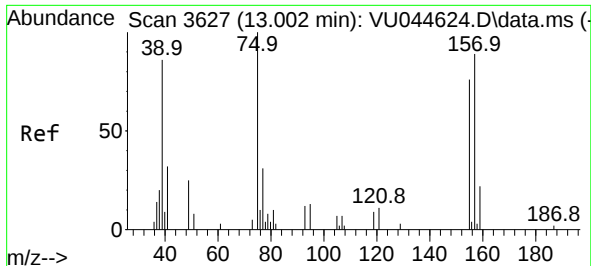
Tgt Ion:146 Resp: 4822
Ion Ratio Lower Upper
146 100
111 46.0 28.7 53.3
148 66.3 45.4 84.4



#67
1,2-Dichlorobenzene
Concen: 0.249 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:146 Resp: 4558
Ion Ratio Lower Upper
146 100
111 45.7 34.6 51.8
148 69.7 51.3 76.9

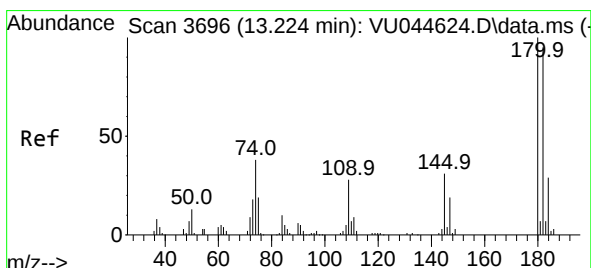
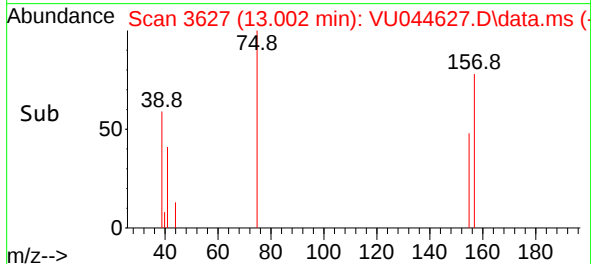
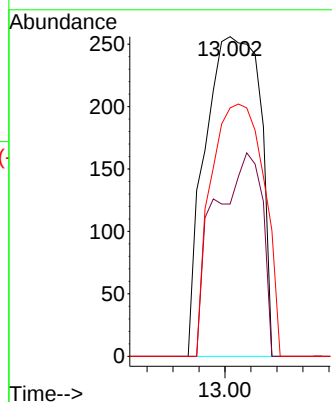
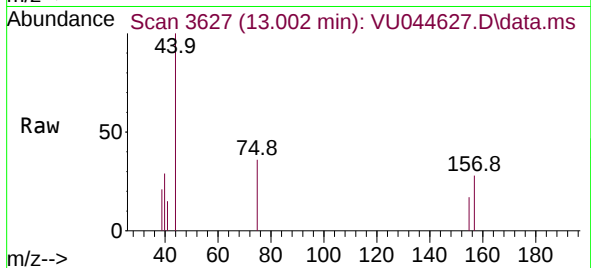




#68
1,2-Dibromo-3-chloropropane
Concen: 0.234 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

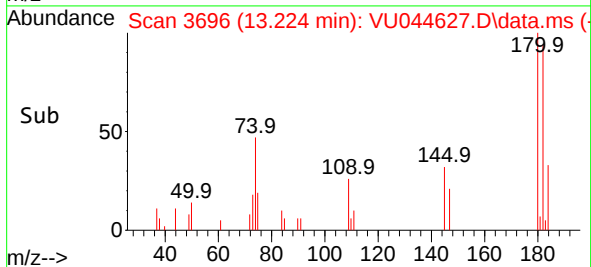
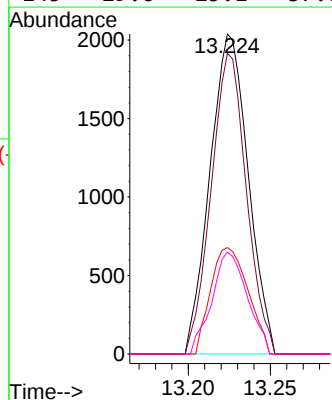
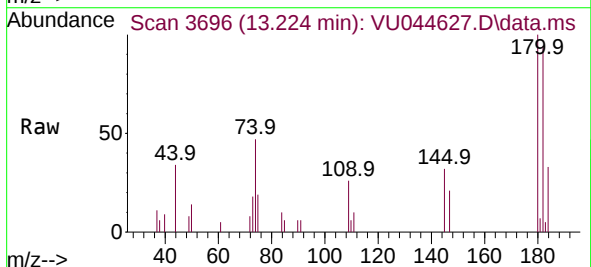
Instrument :
MSVOA_U
ClientSampleId :

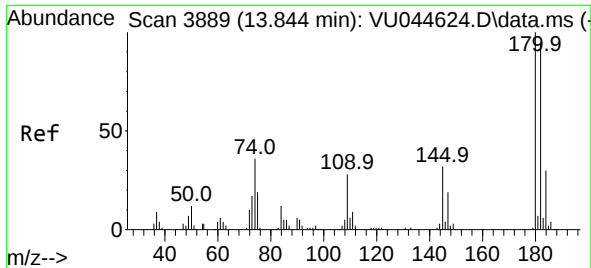
Tgt Ion: 75 Resp: 375
Ion Ratio Lower Upper
75 100
155 47.7 54.0 81.0#
157 77.7 65.4 98.2



#69
1,3,5-Trichlorobenzene
Concen: 0.225 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:180 Resp: 3296
Ion Ratio Lower Upper
180 100
182 86.4 76.9 115.3
184 32.6 24.1 36.1
145 29.6 25.1 37.7

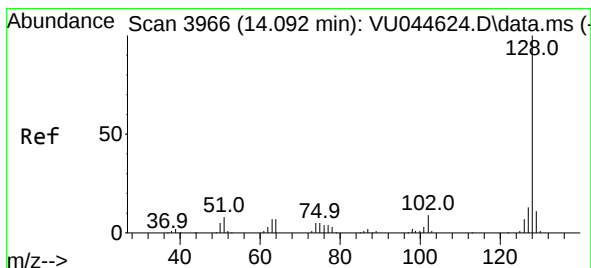
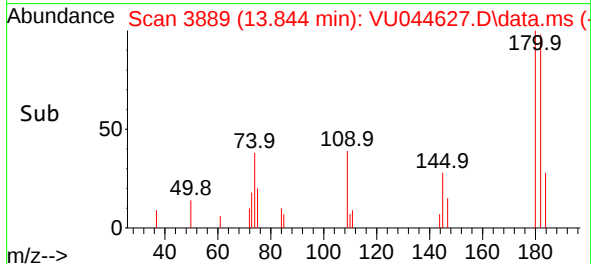
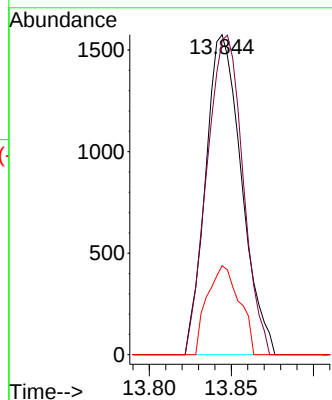
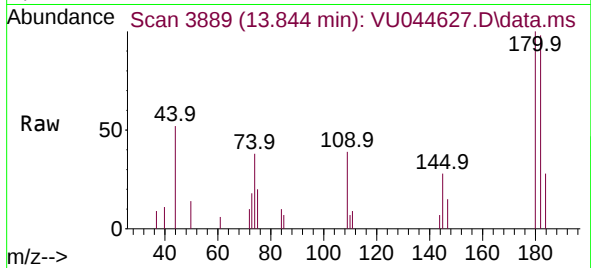




#70
1,2,4-trichlorobenzene
Concen: 0.194 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

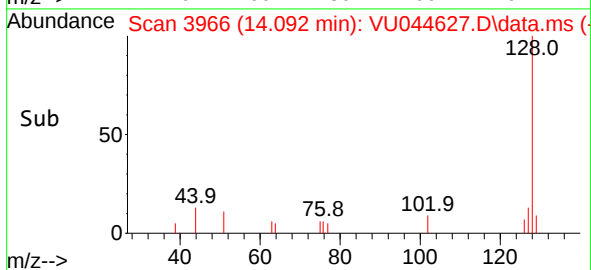
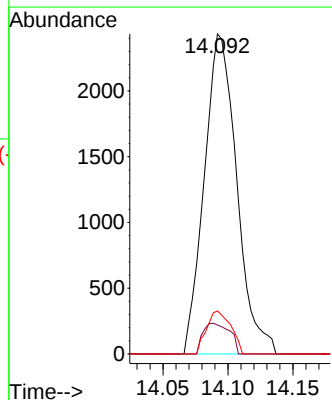
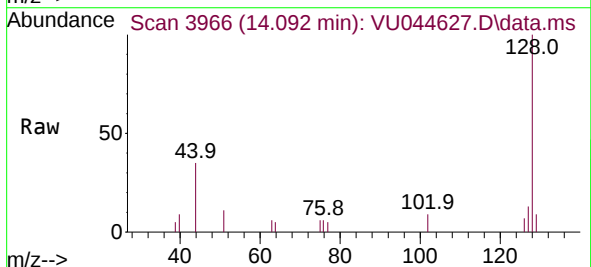
Instrument :
MSVOA_U
ClientSampled :

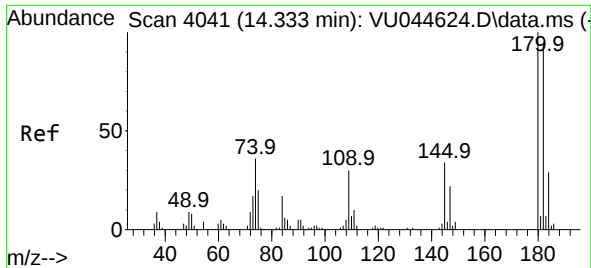
Tgt Ion:180 Resp: 2397
Ion Ratio Lower Upper
180 100
182 99.7 75.4 113.0
145 24.9 25.2 37.8#



#71
Naphthalene
Concen: 0.175 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

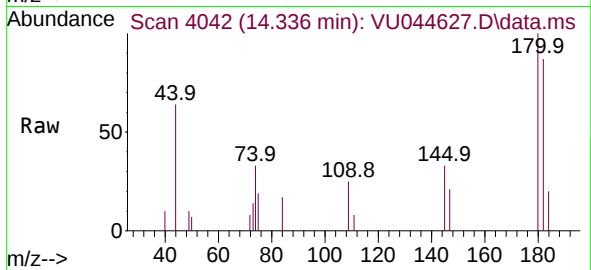
Tgt Ion:128 Resp: 4228
Ion Ratio Lower Upper
128 100
129 7.9 8.7 13.1#
127 10.1 10.4 15.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.209 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU044627.D
 Acq: 14 Sep 2021 13:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	2374
Ion	Ratio	Lower	Upper
180	100		
182	86.7	75.9	113.9
145	28.4	27.0	40.6

