

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080921\
 Data File : VU044402.D
 Acq On : 09 Aug 2021 14:06
 Operator : SY/MD
 Sample : M3263-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 02:09:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 10 02:08:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	159510	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	159256	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	78428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48476	3.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.916	69	58597	5.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.568	65	23176	4.128	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.639	46	139506	35.300	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.600%
24) Chloroform-d	5.070	84	112178	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.710	65	59431	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.735	84	234839	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.697	67	72925	4.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.906	98	205343	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.189	79	21853	3.620	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.642	63	122511	33.613	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.220%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	56202	4.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	12.201	152	78628	5.206	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2963	0.207	ug/L #	87
3) Chloromethane	1.520	50	3581	0.233	ug/L	95
5) Vinyl chloride	1.604	62	3560	0.221	ug/L #	51
6) Bromomethane	1.858	94	2031	0.224	ug/L	94
8) Chloroethane	1.935	64	3117	0.335	ug/L #	82
9) Trichlorofluoromethane	2.141	101	3990	0.225	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	3275	0.306	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	2488	0.237	ug/L #	1
13) Acetone	2.645	43	3195	1.698	ug/L	93
14) Carbon disulfide	2.793	76	5510	0.161	ug/L	96
15) Methyl Acetate	2.970	43	829	0.193	ug/L #	90
16) Methylene chloride	3.051	84	11887	0.851	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	5460	0.190	ug/L	94
18) trans-1,2-Dichloroethene	3.362	96	2405	0.215	ug/L	82
19) 1,1-Dichloroethane	3.877	63	4173	0.207	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	2805	0.229	ug/L	91
23) Bromochloromethane	4.983	128	1066	0.201	ug/L #	78
25) Chloroform	5.099	83	6298	0.303	ug/L	95
27) 1,2-Dichloroethane	5.800	62	2942	0.216	ug/L	98

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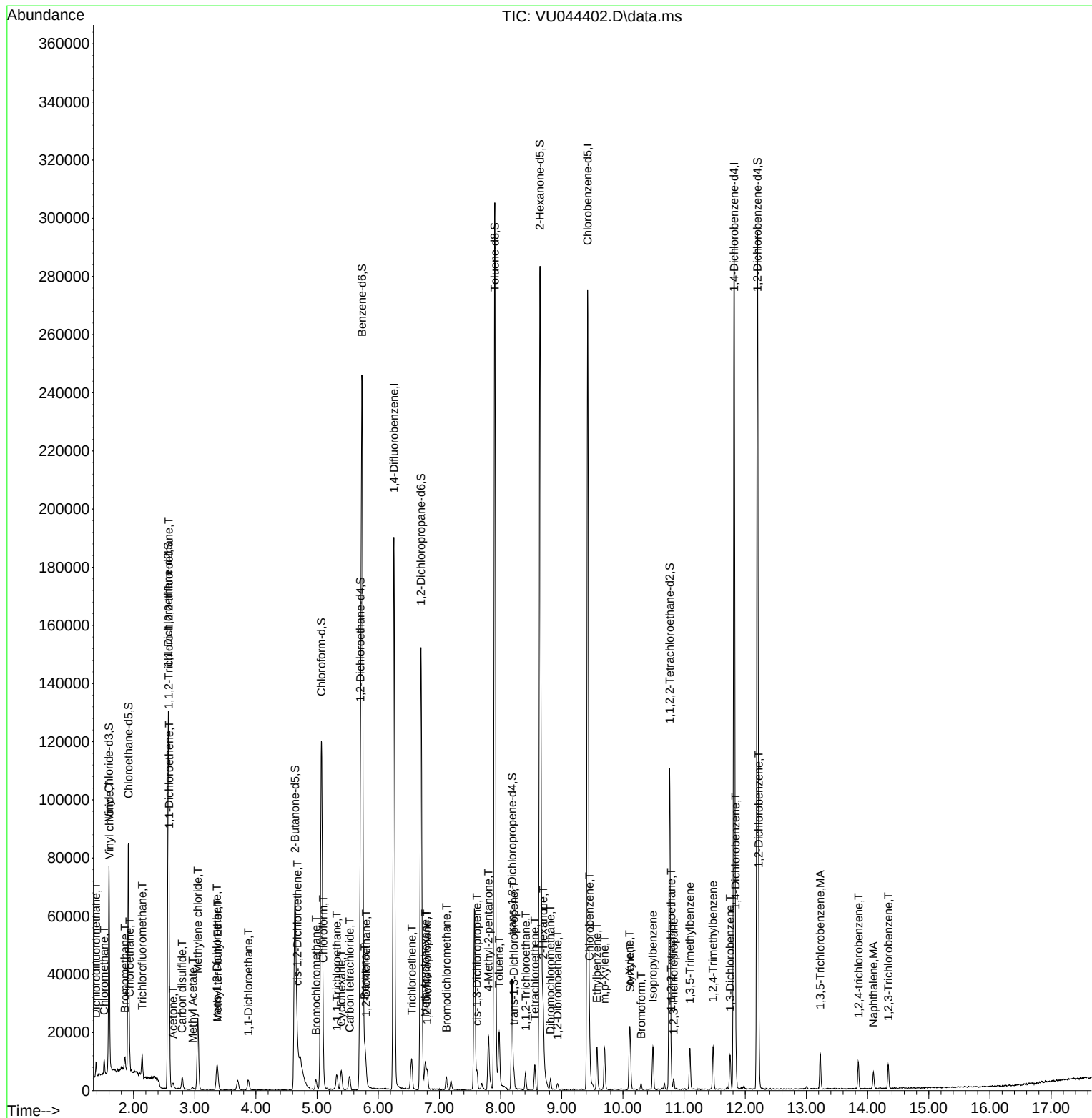
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	3585	0.207	ug/L	98
30) Cyclohexane	5.398	56	3345	0.166	ug/L	88
31) Carbon tetrachloride	5.533	117	3118	0.216	ug/L	98
33) Benzene	5.780	78	10384	0.214	ug/L	100
34) Trichloroethene	6.549	95	2437	0.201	ug/L	83
35) Methylcyclohexane	6.771	83	4067	0.192	ug/L	94
37) 1,2-Dichloropropane	6.800	63	2338	0.189	ug/L #	93
38) Bromodichloromethane	7.115	83	3431	0.229	ug/L	92
39) cis-1,3-Dichloropropene	7.613	75	3394	0.189	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	13806	1.593	ug/L #	88
42) Toluene	7.976	91	13122	0.259	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	3833	0.251	ug/L	87
45) 1,1,2-Trichloroethane	8.410	97	1878	0.205	ug/L	88
47) Tetrachloroethene	8.562	164	2026	0.228	ug/L	92
48) 2-Hexanone	8.697	43	14278	2.279	ug/L	99
49) Dibromochloromethane	8.816	129	2113	0.216	ug/L	86
50) 1,2-Dibromoethane	8.931	107	1701	0.191	ug/L #	97
51) Chlorobenzene	9.452	112	7104	0.226	ug/L	94
52) Ethylbenzene	9.574	91	11021	0.204	ug/L	99
53) m,p-Xylene	9.700	106	4095	0.196	ug/L	85
54) o-Xylene	10.108	106	4021	0.198	ug/L	100
55) Styrene	10.121	104	6429	0.185	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	2456	0.204	ug/L #	82
59) Bromoform	10.298	173	986	0.198	ug/L #	97
60) Isopropylbenzene	10.491	105	10699	0.213	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	1626	0.193	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	8230	0.196	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	8481	0.197	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	5450	0.237	ug/L	95
65) 1,4-Dichlorobenzene	11.841	146	5514	0.235	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	5174	0.234	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	4252	0.248	ug/L	96
70) 1,2,4-trichlorobenzene	13.851	180	3142	0.216	ug/L	93
71) Naphthalene	14.095	128	5411	0.190	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.339	180	3121	0.237	ug/L	93

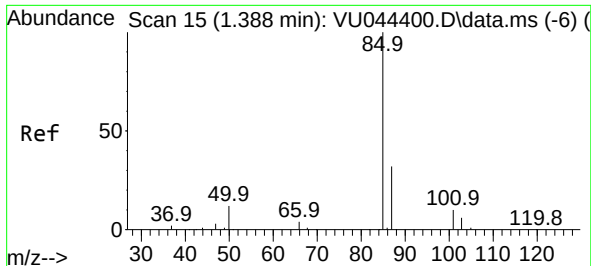
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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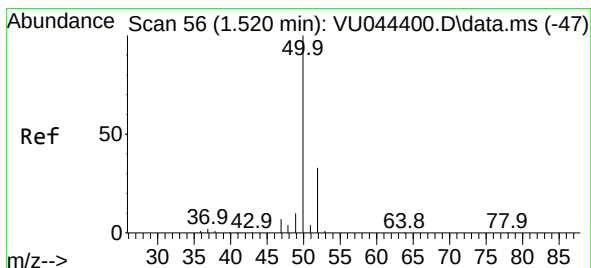
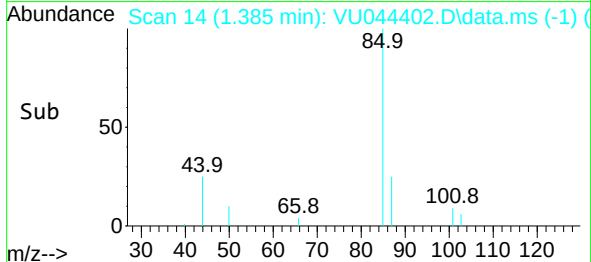
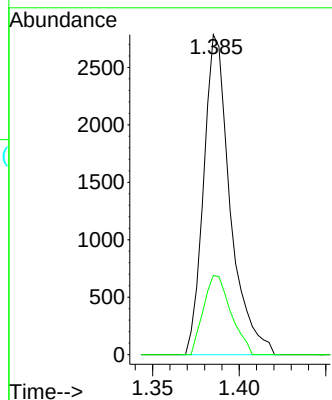
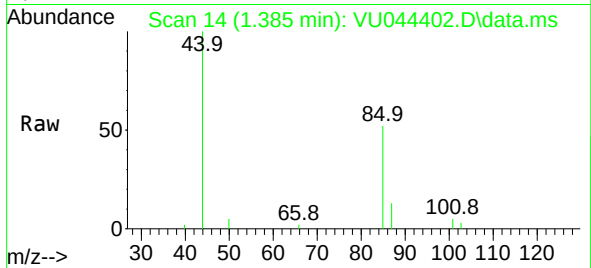




#2
Dichlorodifluoromethane
Concen: 0.207 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

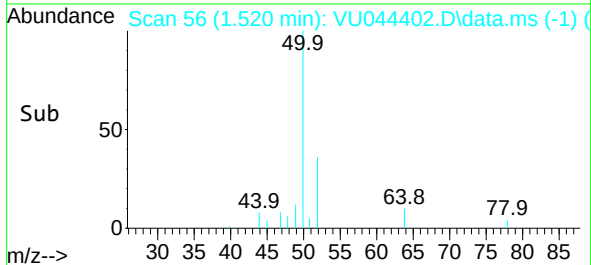
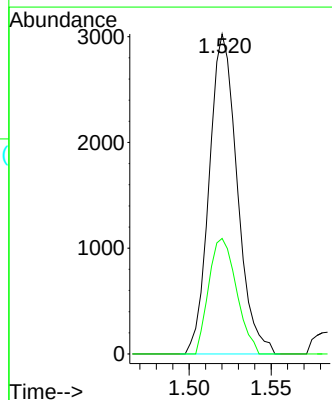
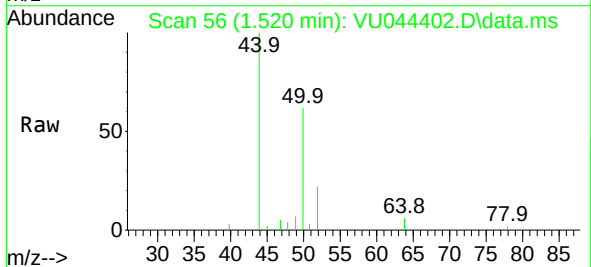
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MSVOA_U
ClientSampled :

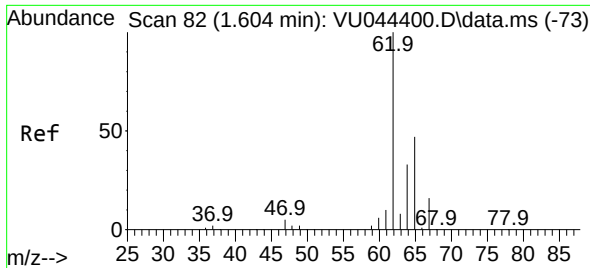
Tgt Ion: 85 Resp: 2963
Ion Ratio Lower Upper
85 100
87 25.6 26.2 39.2#



#3
Chloromethane
Concen: 0.233 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 50 Resp: 3581
Ion Ratio Lower Upper
50 100
52 36.1 23.2 43.0

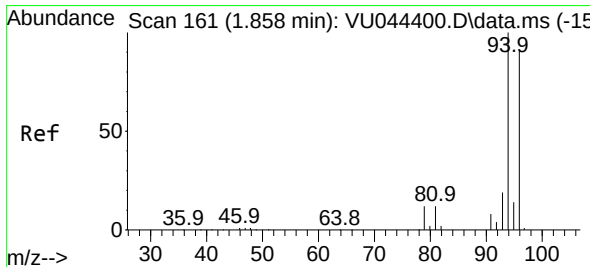
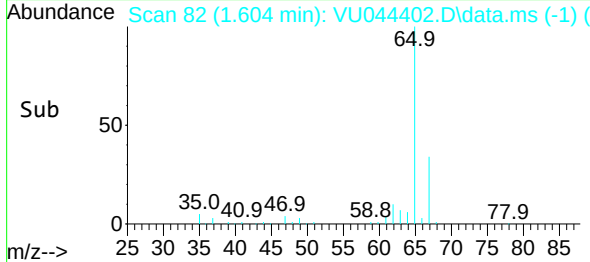
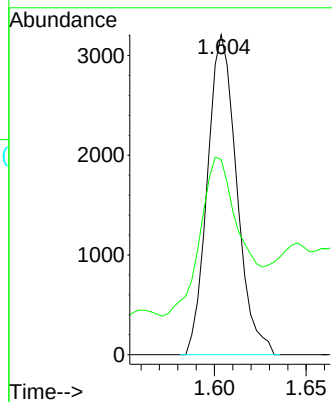
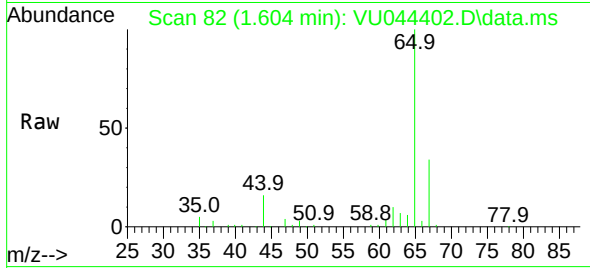




#5
 Vinyl chloride
 Concen: 0.221 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU044402.D
 Acq: 09 Aug 2021 14:06

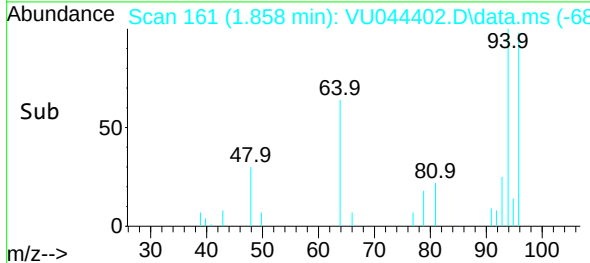
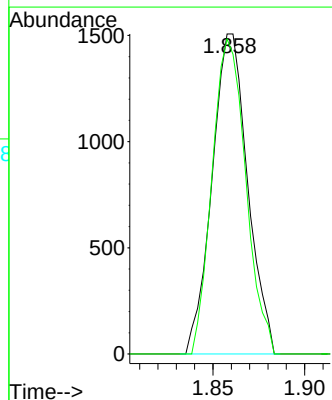
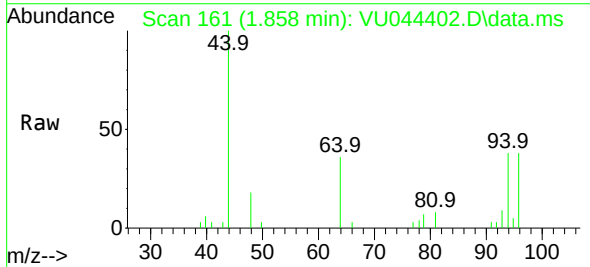
Instrument :
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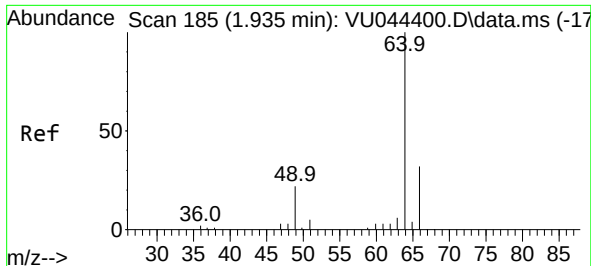
Tgt Ion: 62 Resp: 3560
 Ion Ratio Lower Upper
 62 100
 64 61.0 23.2 43.2#



#6
 Bromomethane
 Concen: 0.224 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU044402.D
 Acq: 09 Aug 2021 14:06

Tgt Ion: 94 Resp: 2031
 Ion Ratio Lower Upper
 94 100
 96 98.4 64.5 119.9

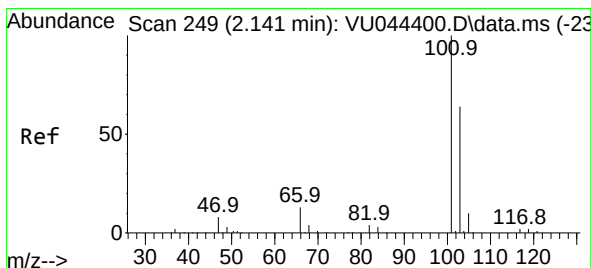
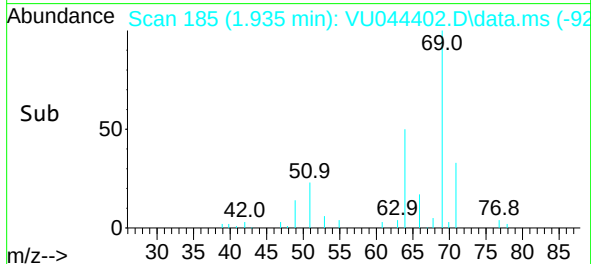
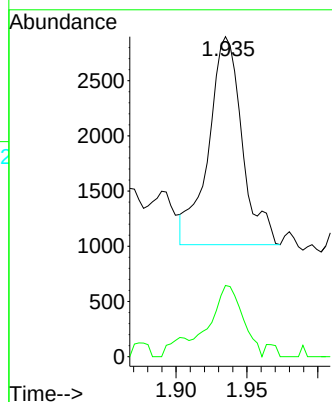
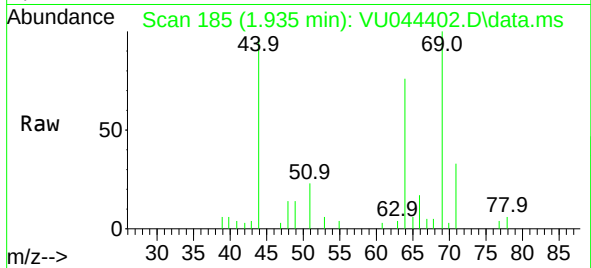




#8
Chloroethane
Concen: 0.335 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

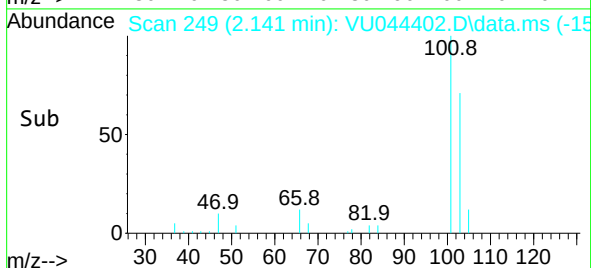
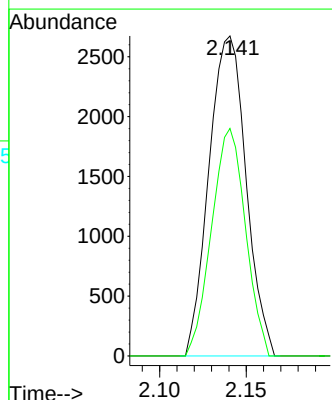
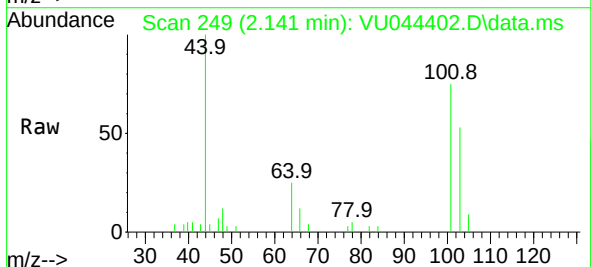
Instrument :
MSVOA_U
ClientSampled :

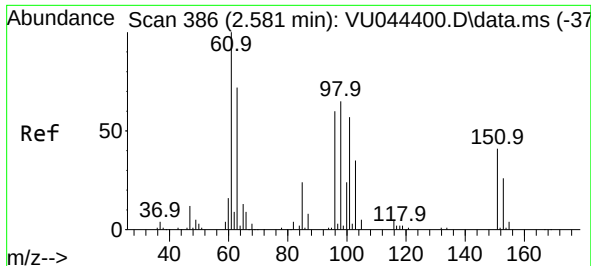
Tgt Ion: 64 Resp: 3117
Ion Ratio Lower Upper
64 100
66 22.3 22.6 42.0#



#9
Trichlorofluoromethane
Concen: 0.225 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:101 Resp: 3990
Ion Ratio Lower Upper
101 100
103 64.9 52.1 78.1

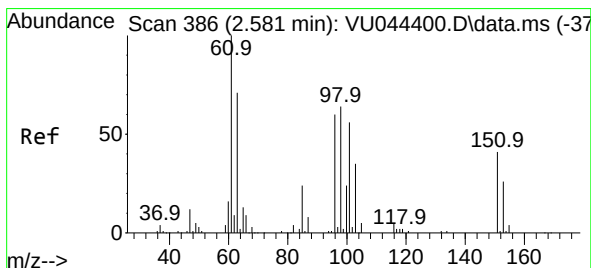
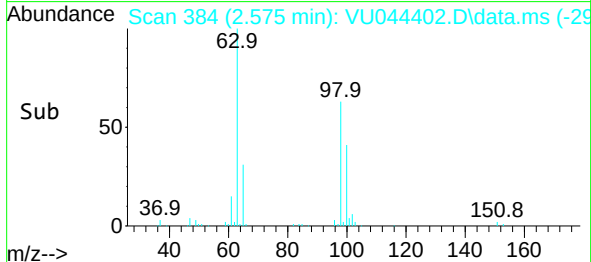
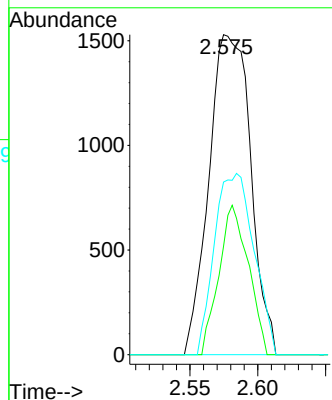
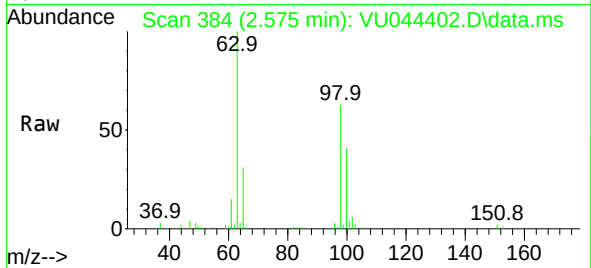




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.306 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU044402.D
 Acq: 09 Aug 2021 14:06

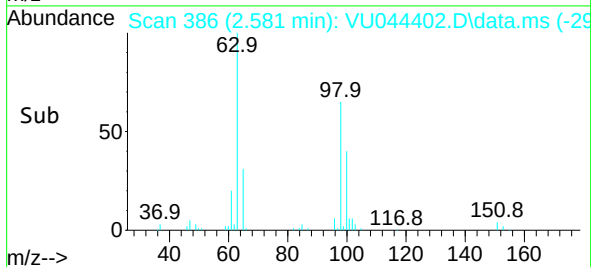
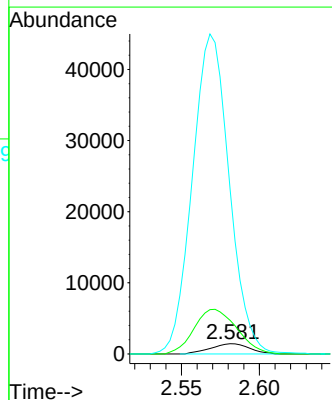
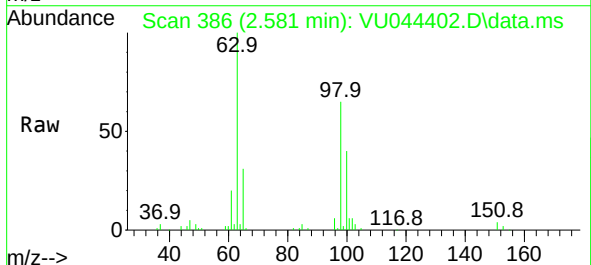
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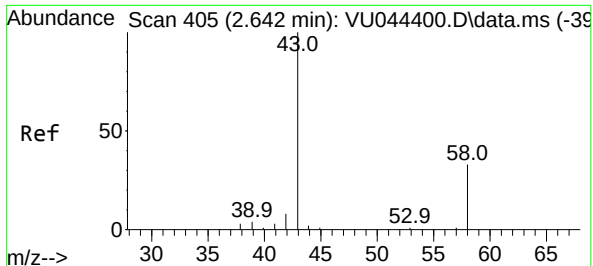
Tgt Ion:101 Resp: 3275
 Ion Ratio Lower Upper
 101 100
 85 33.0 34.2 51.4#
 151 53.6 54.8 82.2#



#12
 1,1-Dichloroethene
 Concen: 0.237 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU044402.D
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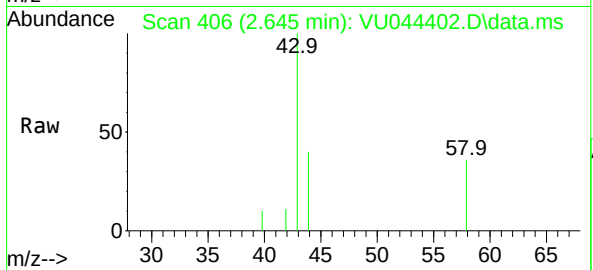
Tgt Ion: 96 Resp: 2488
 Ion Ratio Lower Upper
 96 100
 61 327.3 118.3 219.7#
 63 1604.4 85.7 159.1#



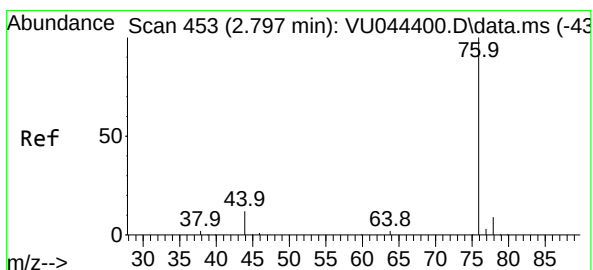
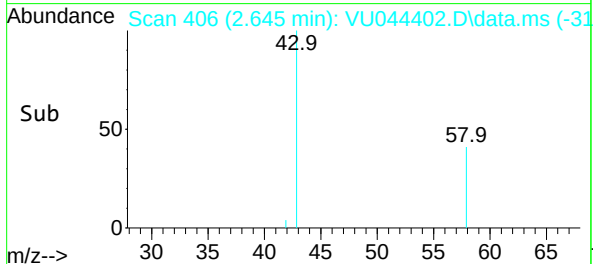
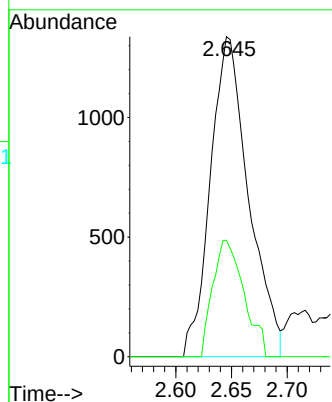


#13
Acetone
Concen: 1.698 ug/L
RT: 2.645 min Scan# 406
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

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ClientSampled :

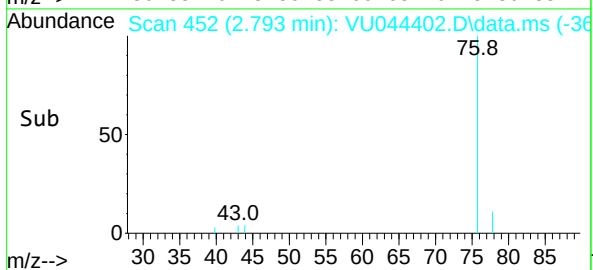
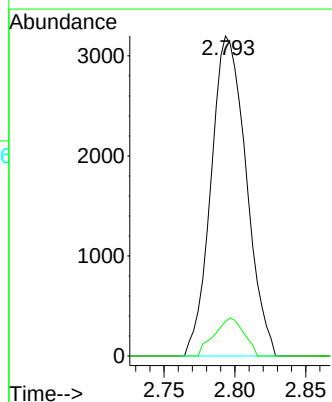
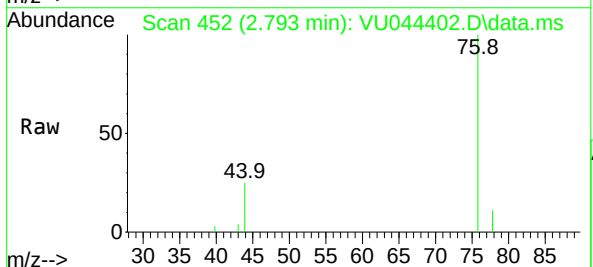


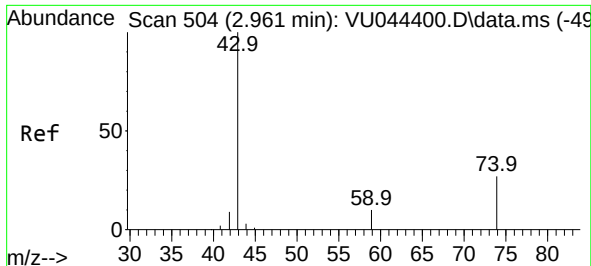
Tgt Ion: 43 Resp: 3195
Ion Ratio Lower Upper
43 100
58 29.5 0.0 67.2



#14
Carbon disulfide
Concen: 0.161 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 76 Resp: 5510
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0

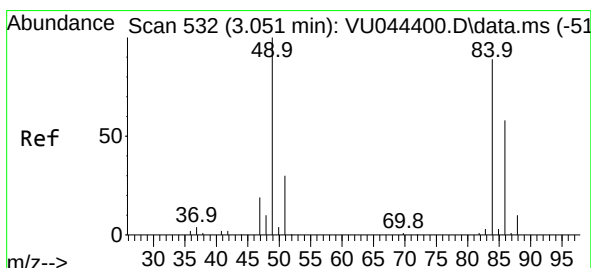
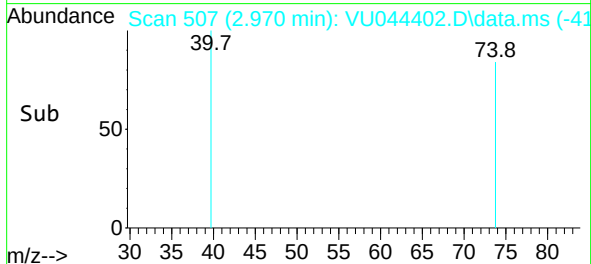
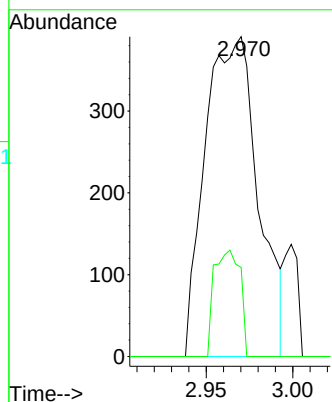
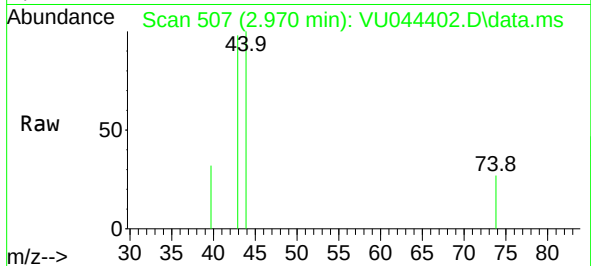




#15
Methyl Acetate
Concen: 0.193 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.010 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

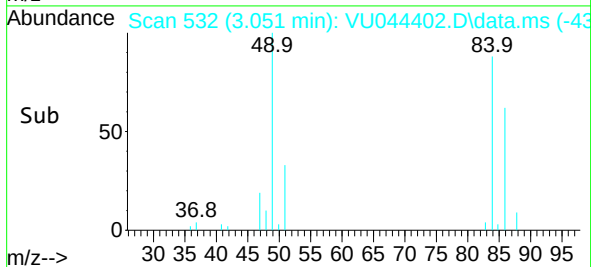
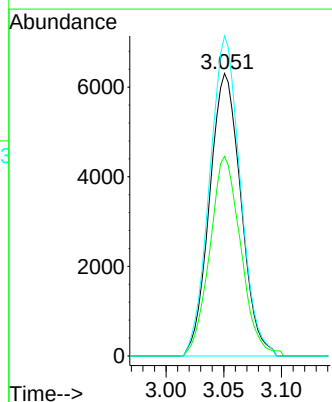
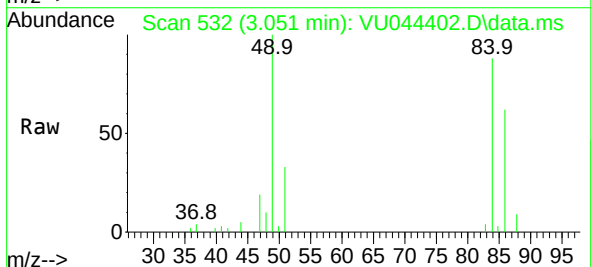
Instrument :
MSVOA_U
ClientSampled :

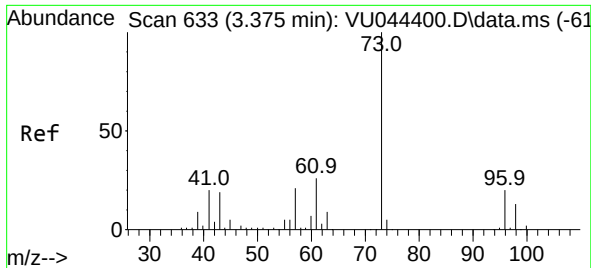
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
74 16.3 16.7 25.1#



#16
Methylene chloride
Concen: 0.851 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

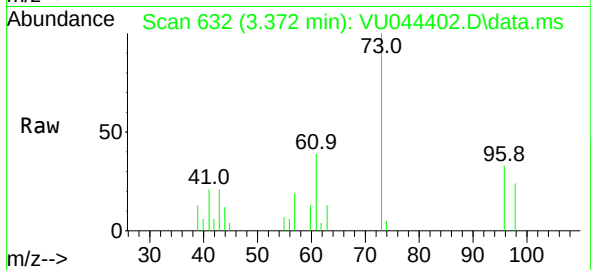
Tgt Ion: 84 Resp: 11887
Ion Ratio Lower Upper
84 100
86 70.6 45.2 84.0
49 113.3 81.8 152.0



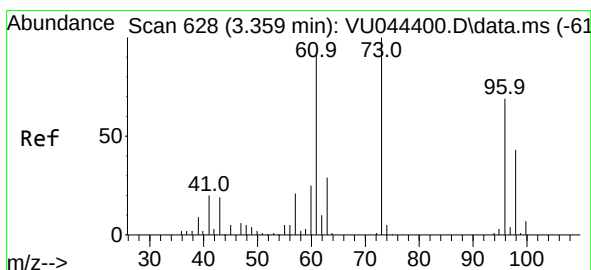
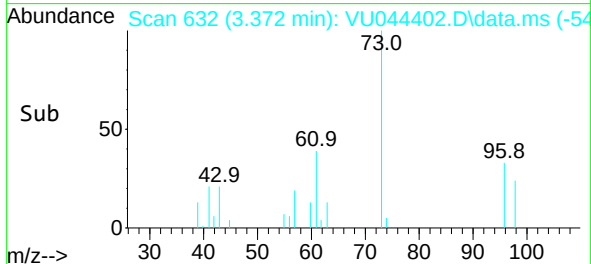
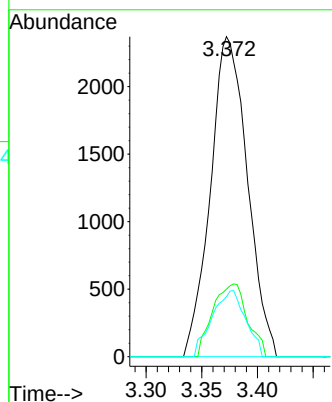


#17
Methyl tert-butyl Ether
Concen: 0.190 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Instrument :
MSVOA_U
ClientSampled :

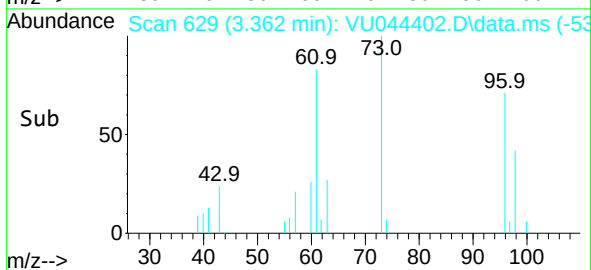
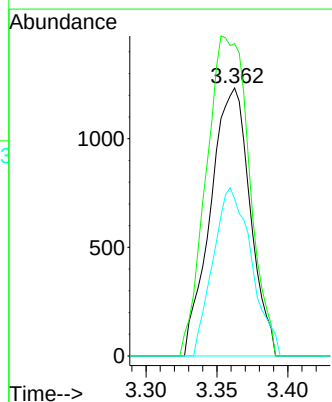
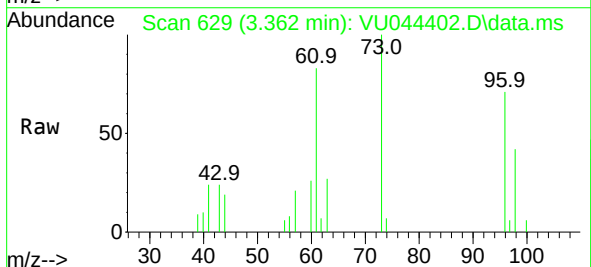


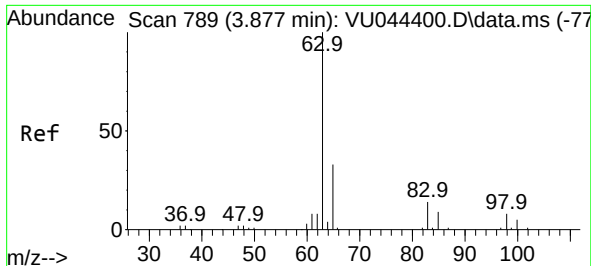
Tgt Ion: 73	Resp: 5460
Ion Ratio	Lower Upper
73	100
43	21.4 15.3 22.9
57	18.8 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 0.215 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 96	Resp: 2405
Ion Ratio	Lower Upper
96	100
61	116.5 101.4 188.4
98	58.7 44.4 82.4





#19

1,1-Dichloroethane

Concen: 0.207 ug/L

RT: 3.877 min Scan# 789

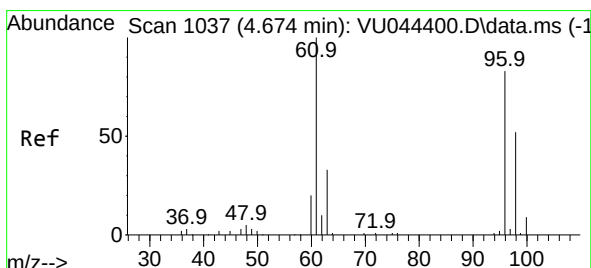
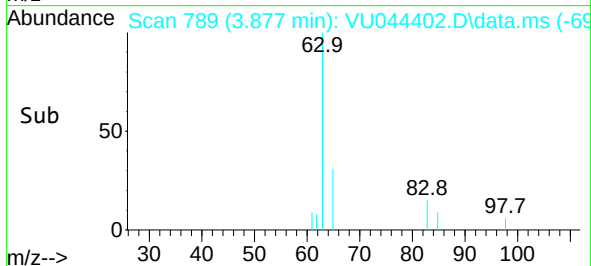
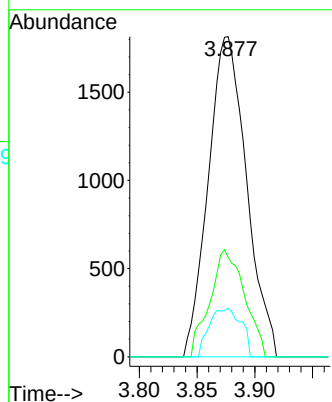
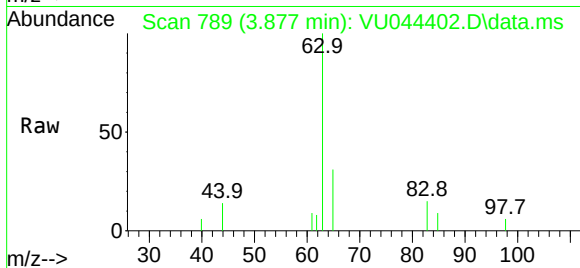
Delta R.T. 0.000 min

Lab File: VU044402.D

Acq: 09 Aug 2021 14:06

Tgt Ion:	63	Resp:	4173
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.1	41.1
83	15.2	9.7	17.9

Instrument :
MSVOA_U
ClientSampleId :



#22

cis-1,2-Dichloroethene

Concen: 0.229 ug/L

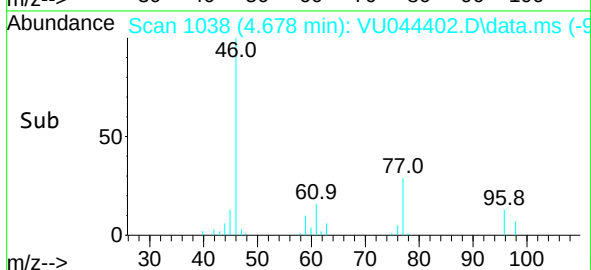
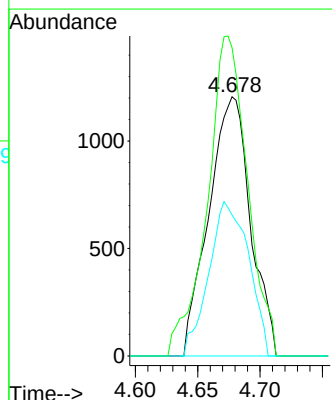
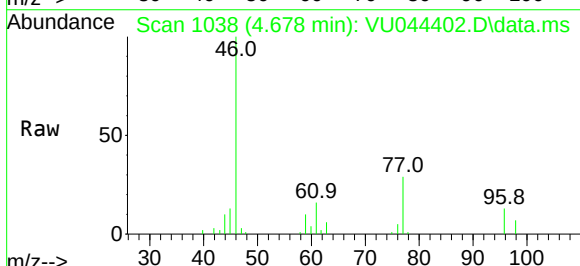
RT: 4.678 min Scan# 1038

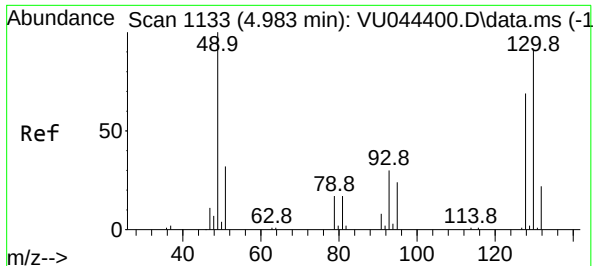
Delta R.T. 0.003 min

Lab File: VU044402.D

Acq: 09 Aug 2021 14:06

Tgt Ion:	96	Resp:	2805
Ion	Ratio	Lower	Upper
96	100		
61	119.0	89.9	166.9
98	54.4	44.1	81.9





#23

Bromochloromethane

Concen: 0.201 ug/L

RT: 4.983 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VU044402.D

Acq: 09 Aug 2021 14:06

Tgt Ion:128 Resp: 1066

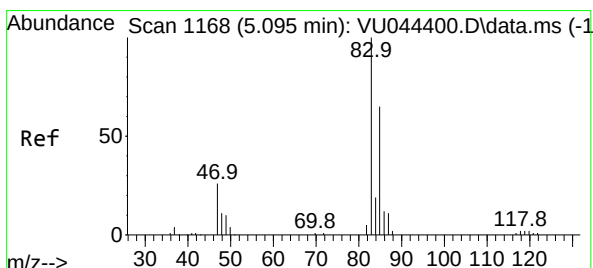
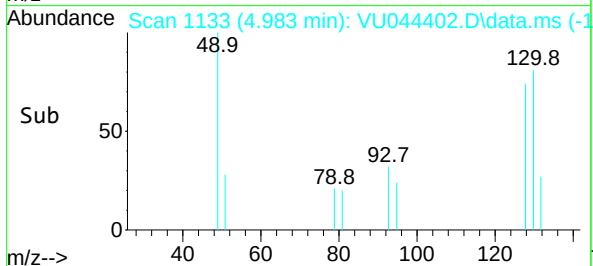
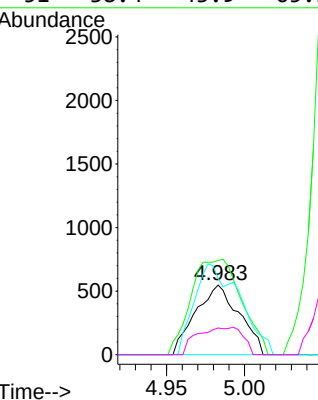
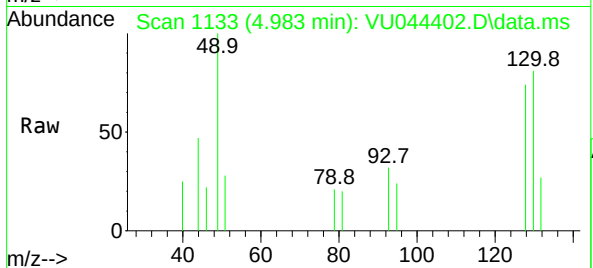
Ion Ratio Lower Upper

128 100

49 135.8 117.4 218.0

130 110.1 93.6 173.8

51 38.4 43.9 65.9#



#25

Chloroform

Concen: 0.303 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VU044402.D

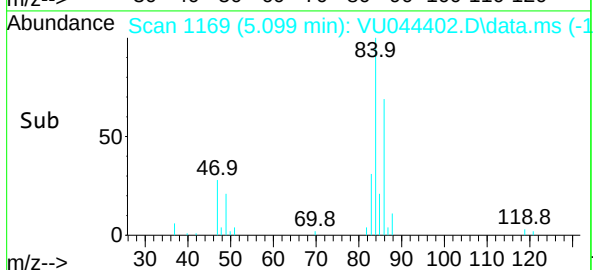
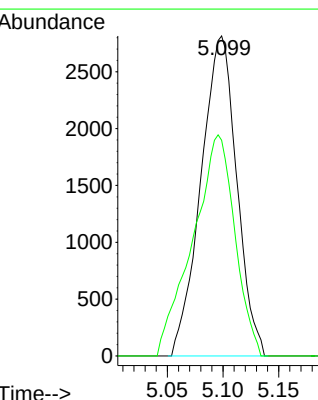
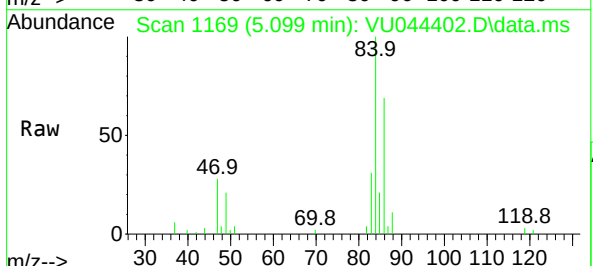
Acq: 09 Aug 2021 14:06

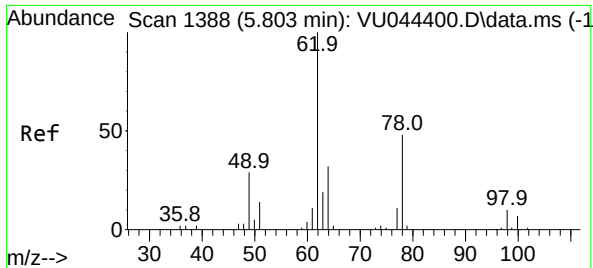
Tgt Ion: 83 Resp: 6298

Ion Ratio Lower Upper

83 100

85 67.4 44.7 82.9





#27

1,2-Dichloroethane

Concen: 0.216 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.003 min

Lab File: VU044402.D

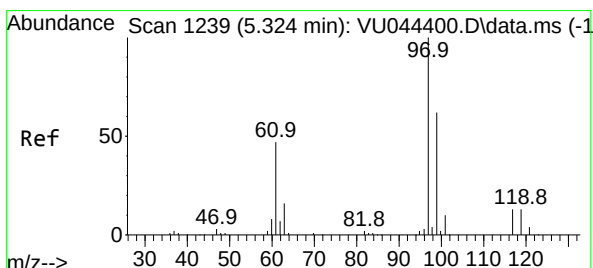
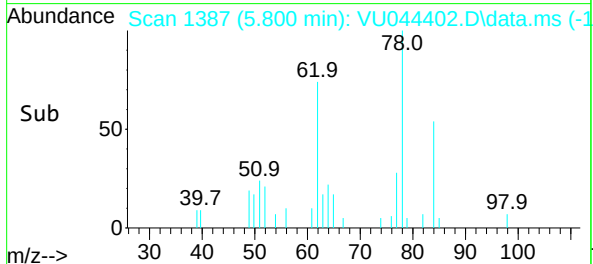
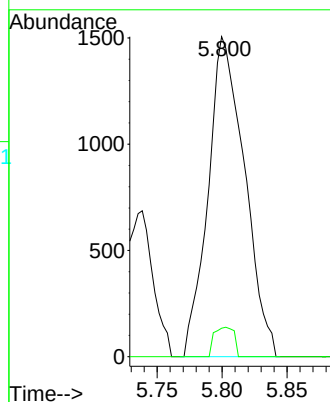
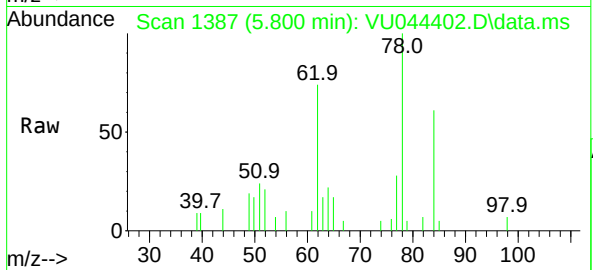
Acq: 09 Aug 2021 14:06

Tgt Ion: 62 Resp: 2942

Ion Ratio Lower Upper

62 100

98 8.9 7.8 11.6



#29

1,1,1-Trichloroethane

Concen: 0.207 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU044402.D

Acq: 09 Aug 2021 14:06

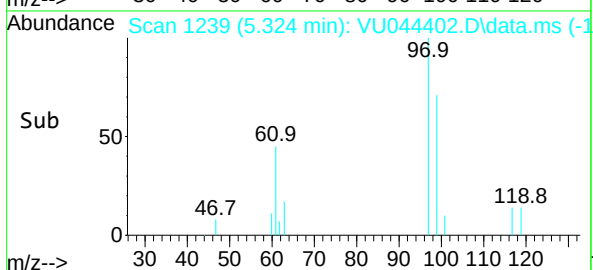
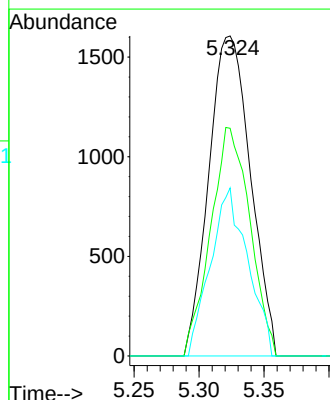
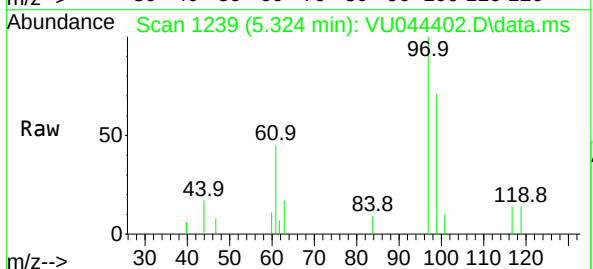
Tgt Ion: 97 Resp: 3585

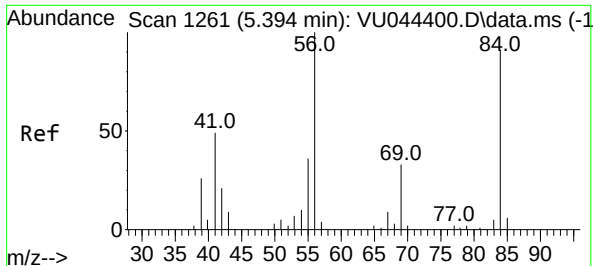
Ion Ratio Lower Upper

97 100

99 67.3 52.6 78.8

61 46.9 36.9 55.3

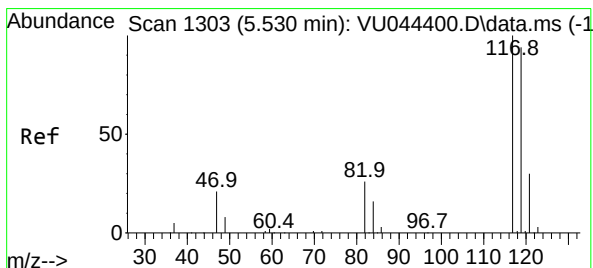
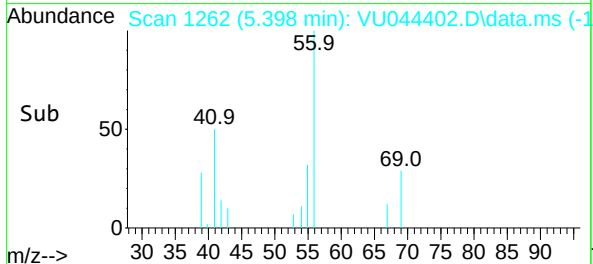
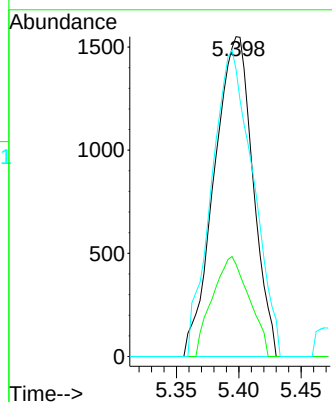
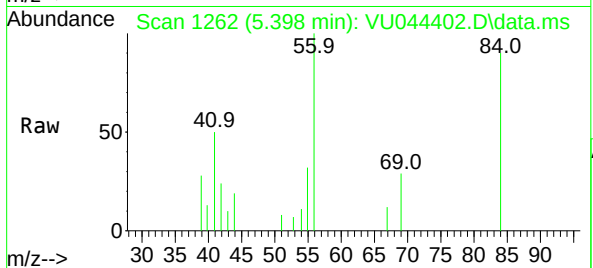




#30
Cyclohexane
Concen: 0.166 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

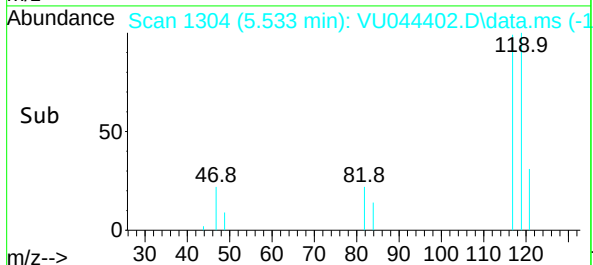
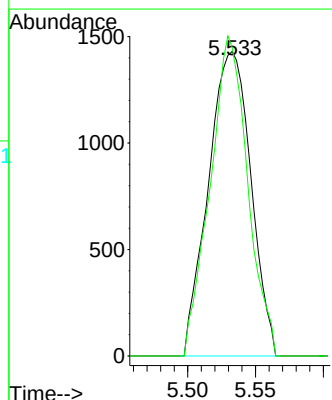
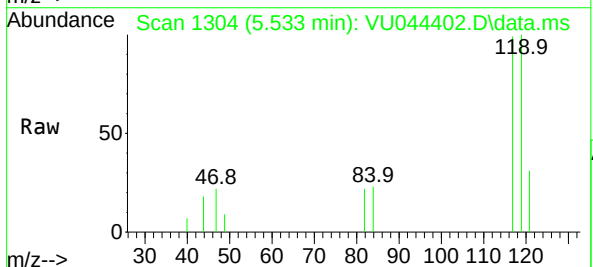
Instrument :
MSVOA_U
ClientSampled :

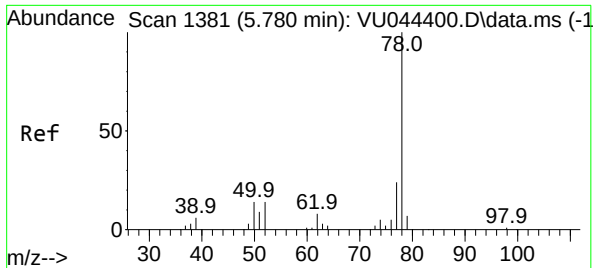
Tgt Ion: 56 Resp: 3345
Ion Ratio Lower Upper
56 100
69 29.6 24.8 37.2
84 102.6 71.0 106.6



#31
Carbon tetrachloride
Concen: 0.216 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

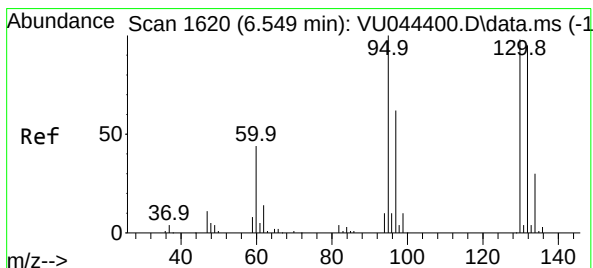
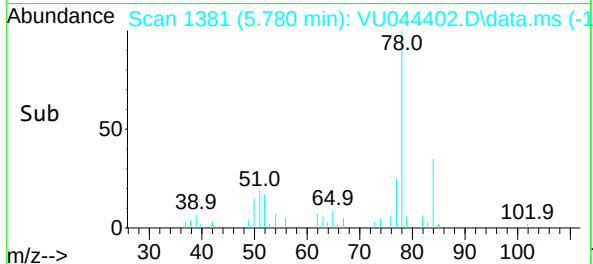
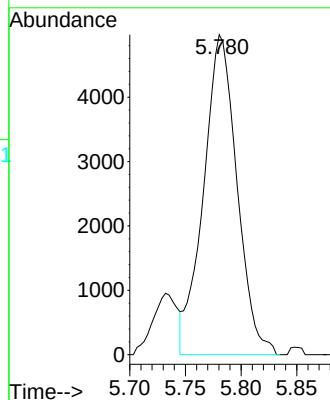
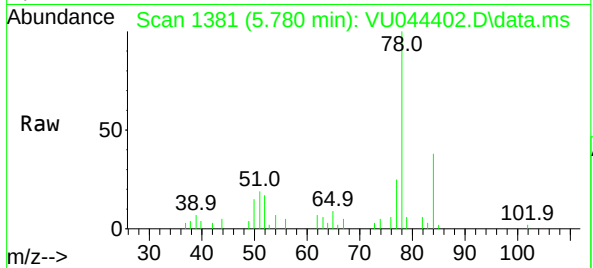
Tgt Ion: 117 Resp: 3118
Ion Ratio Lower Upper
117 100
119 93.0 75.8 113.6





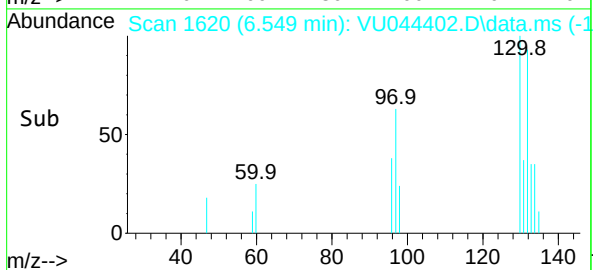
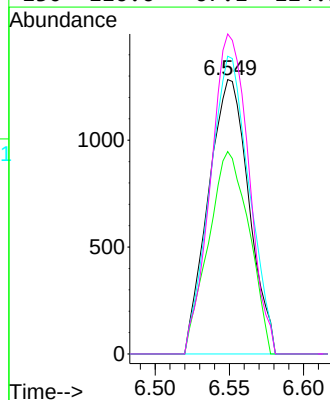
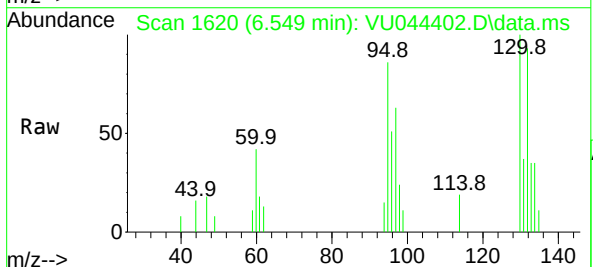
#33
Benzene
Concen: 0.214 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06
Tgt Ion: 78 Resp: 10384

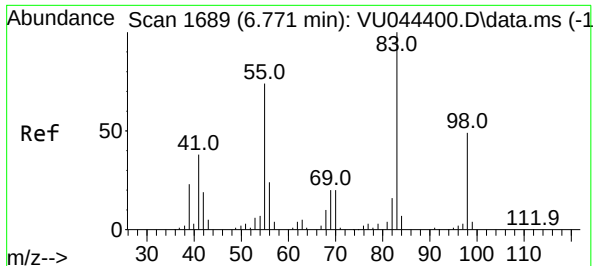
Instrument :
MSVOA_U
ClientSampled :



#34
Trichloroethene
Concen: 0.201 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06
Tgt Ion: 95 Resp: 2437

Ion	Ratio	Lower	Upper
95	100		
97	73.8	45.4	84.4
132	108.5	64.8	120.4
130	116.6	67.1	124.5

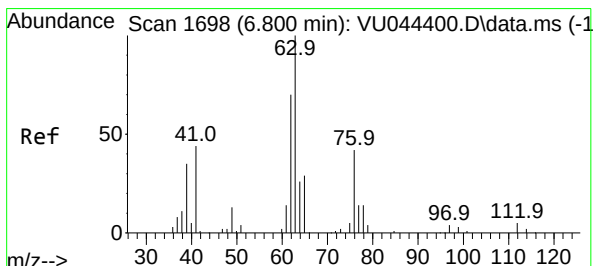
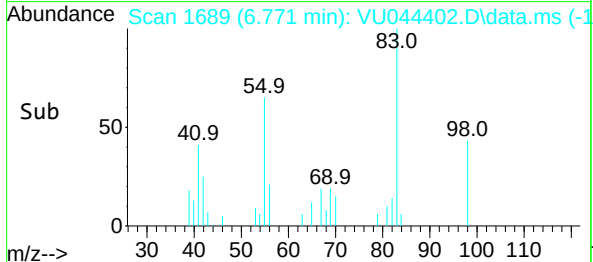
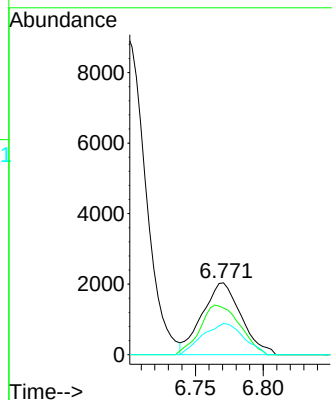
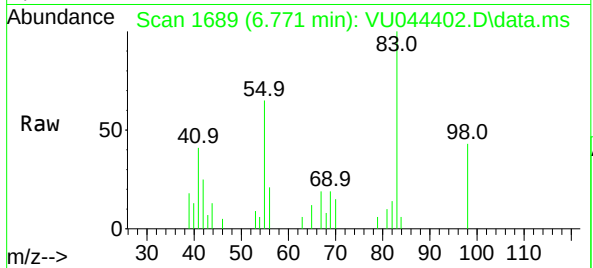




#35
Methylcyclohexane
Concen: 0.192 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

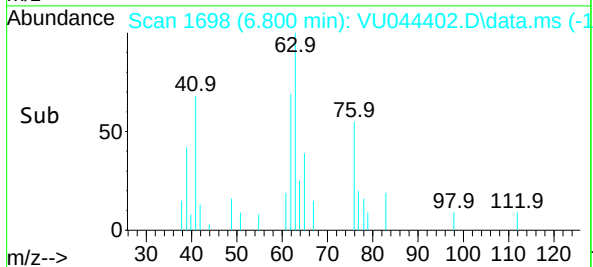
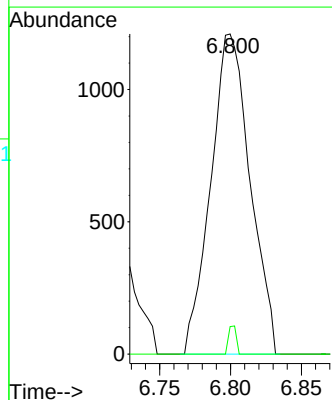
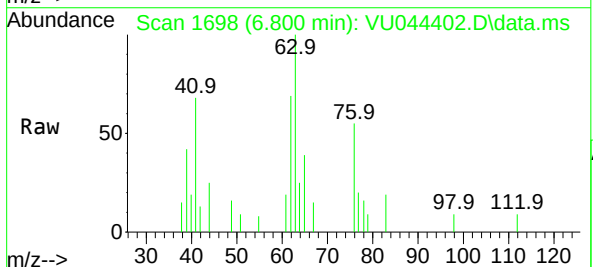
Instrument :
MSVOA_U
ClientSampled :

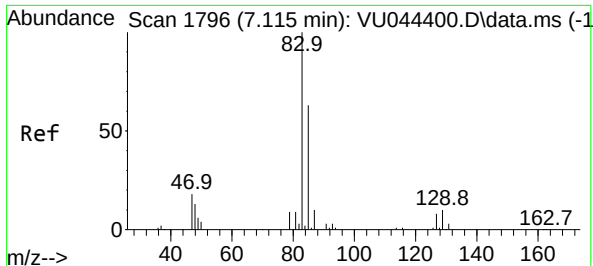
Tgt Ion: 83 Resp: 4067
Ion Ratio Lower Upper
83 100
55 70.2 61.4 92.0
98 45.7 38.2 57.2



#37
1,2-Dichloropropane
Concen: 0.189 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 63 Resp: 2338
Ion Ratio Lower Upper
63 100
112 1.8 3.2 4.8#

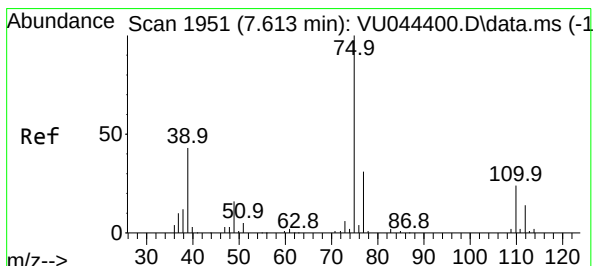
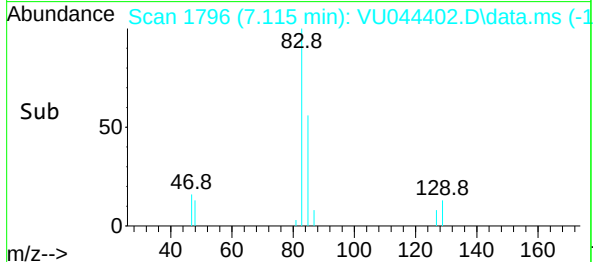
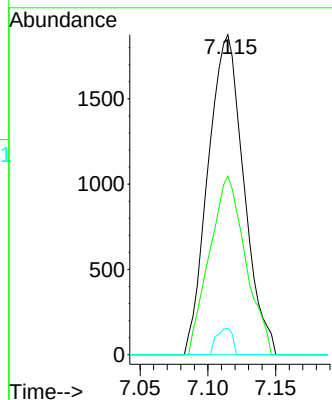
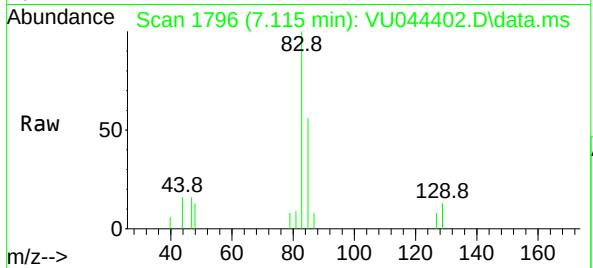




#38
Bromodichloromethane
Concen: 0.229 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

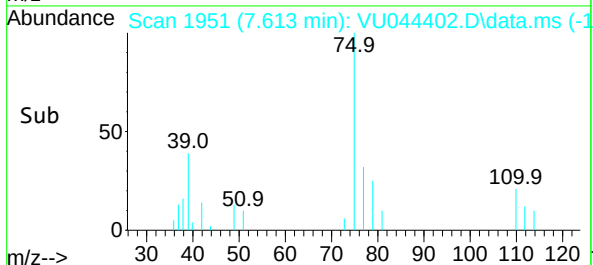
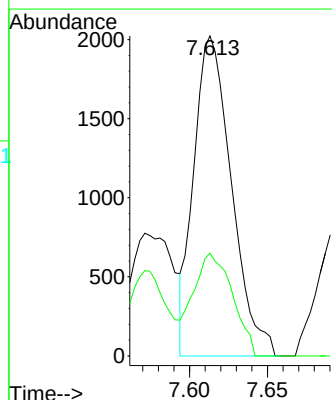
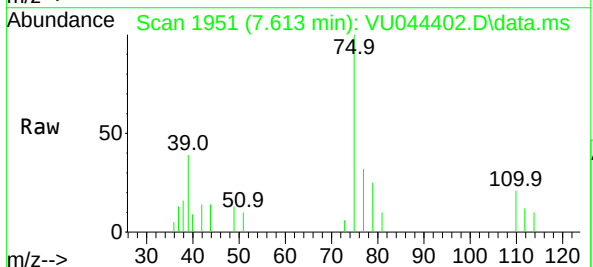
Instrument :
MSVOA_U
ClientSampled :

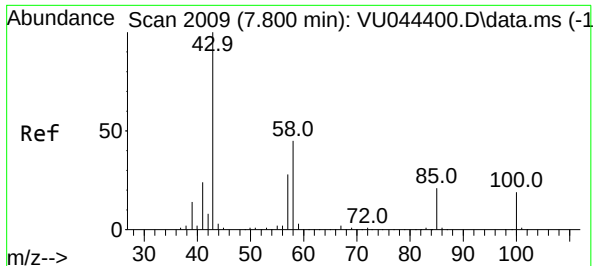
Tgt Ion: 83	Resp: 3431
Ion Ratio	Lower Upper
83 100	
85 55.8	44.0 81.6
127 8.3	6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 0.189 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 75	Resp: 3394
Ion Ratio	Lower Upper
75 100	
77 32.1	22.3 41.5

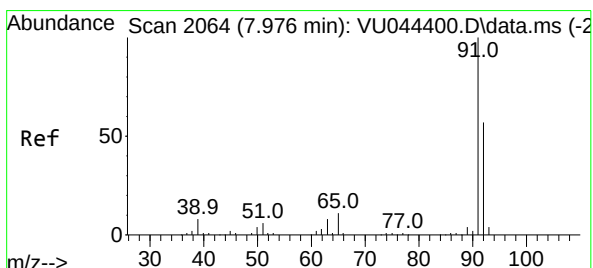
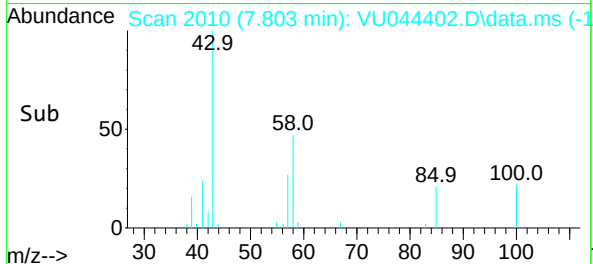
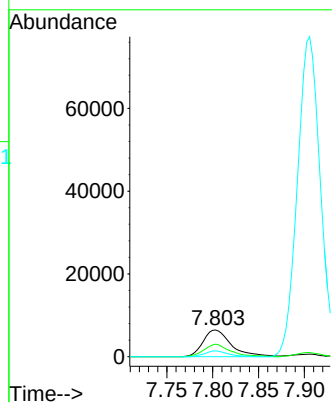
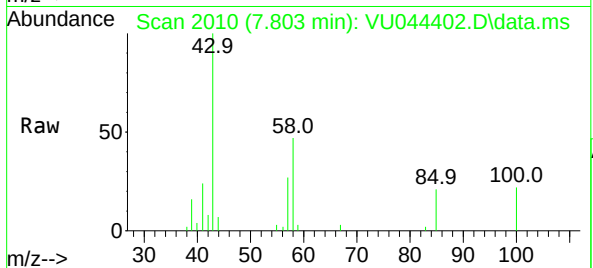




#40
4-Methyl-2-pentanone
Concen: 1.593 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

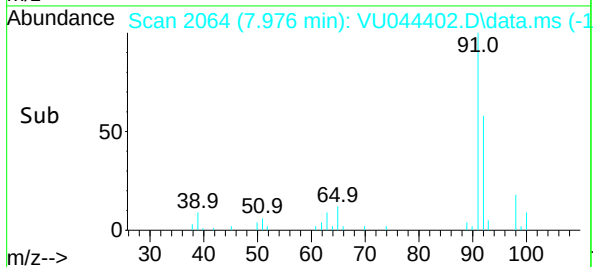
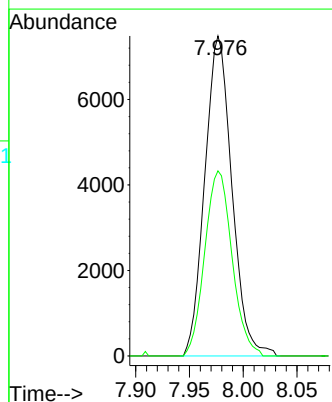
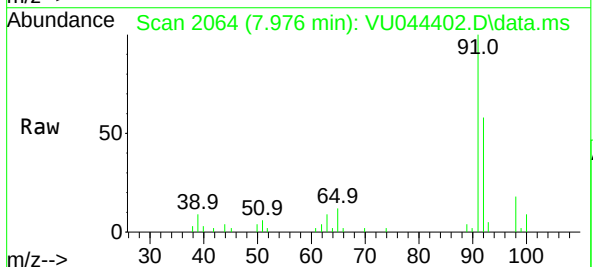
Instrument :
MSVOA_U
ClientSampleId :

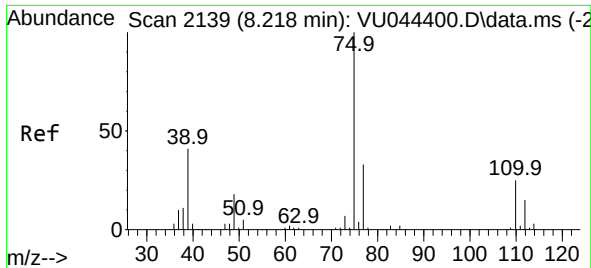
Tgt Ion: 43 Resp: 13806
Ion Ratio Lower Upper
43 100
58 43.8 34.6 52.0
100 0.0 13.9 20.9#



#42
Toluene
Concen: 0.259 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 91 Resp: 13122
Ion Ratio Lower Upper
91 100
92 57.9 41.3 76.7

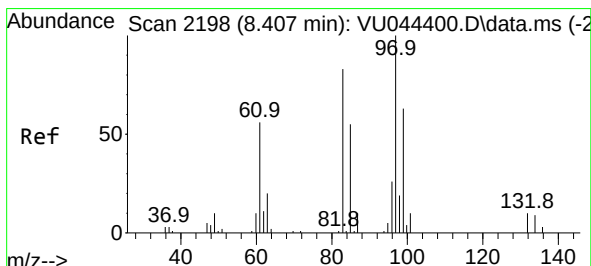
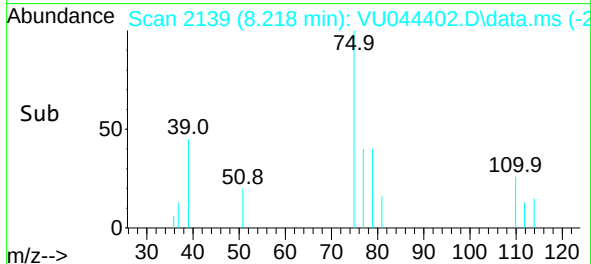
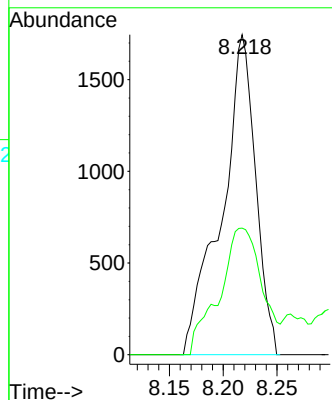
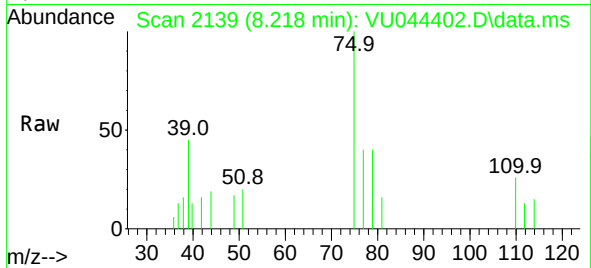




#44
trans-1,3-Dichloropropene
Concen: 0.251 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

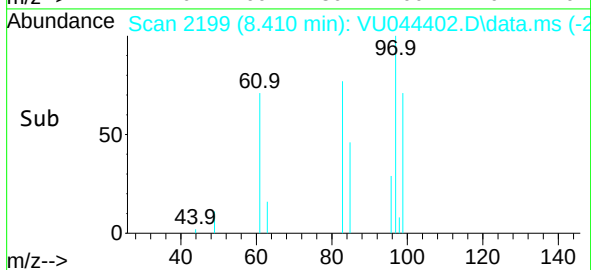
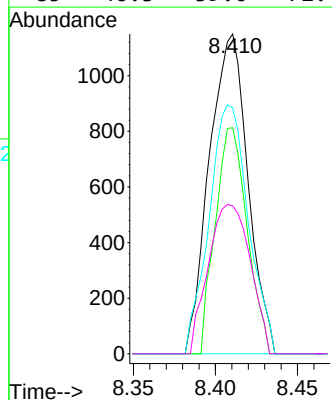
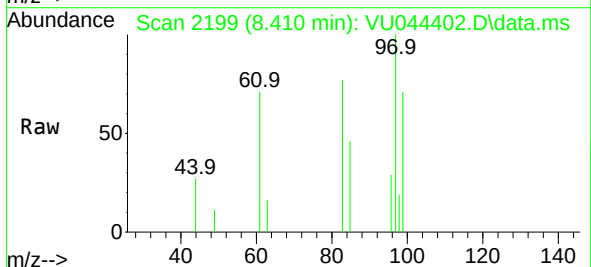
Instrument :
MSVOA_U
ClientSampled :

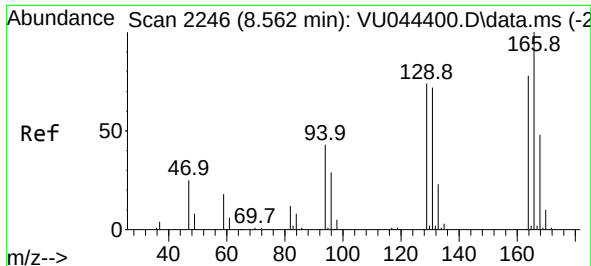
Tgt Ion: 75 Resp: 3833
Ion Ratio Lower Upper
75 100
77 39.5 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 0.205 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 97 Resp: 1878
Ion Ratio Lower Upper
97 100
99 70.7 44.0 81.6
83 77.0 62.2 115.4
85 46.3 39.0 72.4



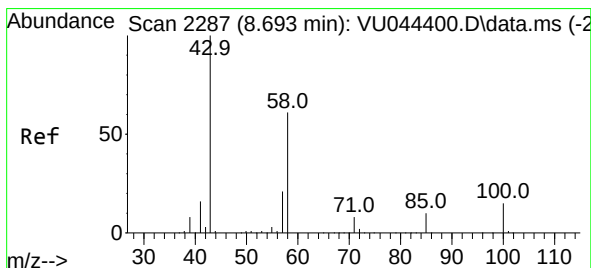
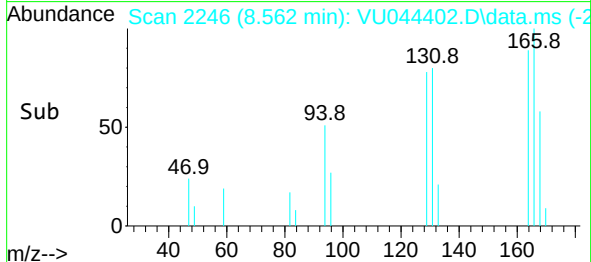
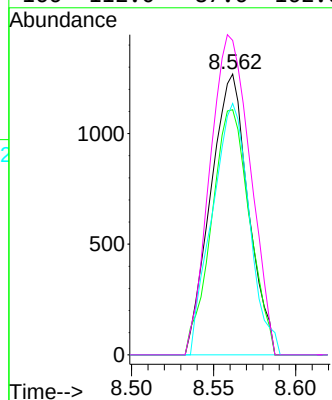
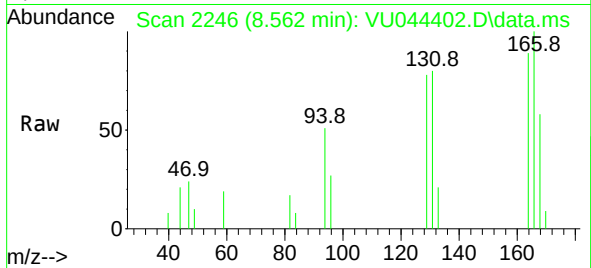


#47
Tetrachloroethene
Concen: 0.228 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:164 Resp: 2026

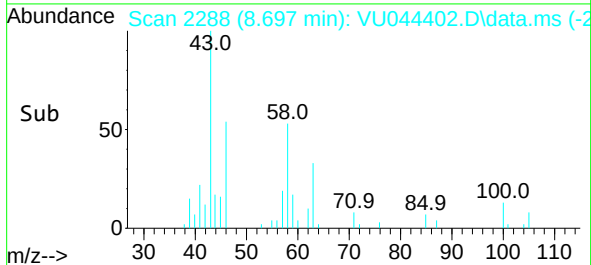
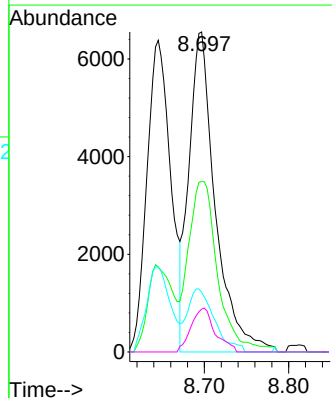
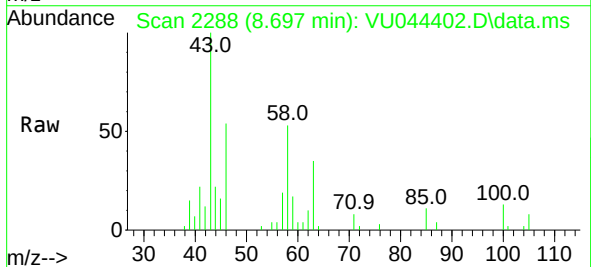
Ion	Ratio	Lower	Upper
164	100		
129	87.3	67.8	126.0
131	89.5	64.7	120.1
166	112.0	87.6	162.6

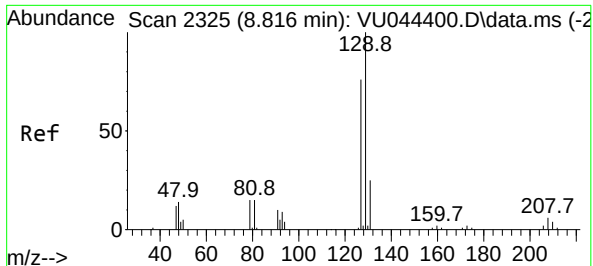


#48
2-Hexanone
Concen: 2.279 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 43 Resp: 14278

Ion	Ratio	Lower	Upper
43	100		
58	60.0	47.3	70.9
57	20.3	16.6	24.8
100	12.4	10.7	16.1





#49

Dibromochloromethane

Concen: 0.216 ug/L

RT: 8.816 min Scan# 2325

Delta R.T. 0.000 min

Lab File: VU044402.D

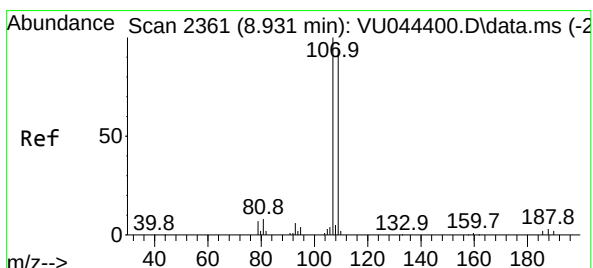
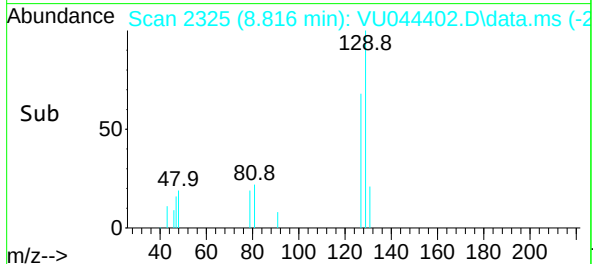
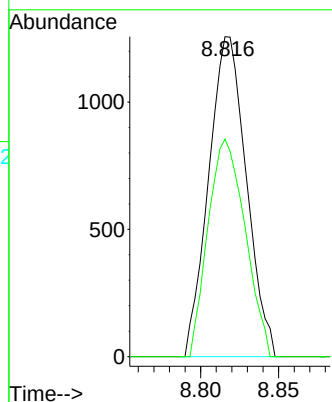
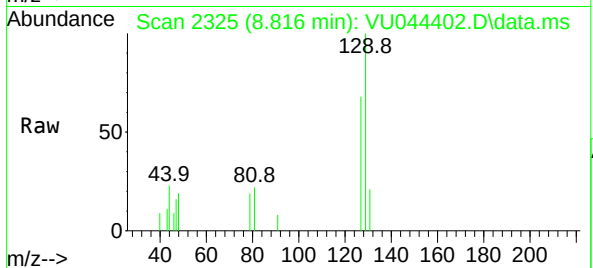
Acq: 09 Aug 2021 14:06

Tgt Ion:129 Resp: 2113

Ion Ratio Lower Upper

129 100

127 67.9 56.4 104.8



#50

1,2-Dibromoethane

Concen: 0.191 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU044402.D

Acq: 09 Aug 2021 14:06

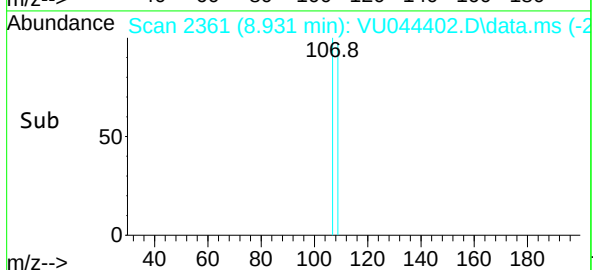
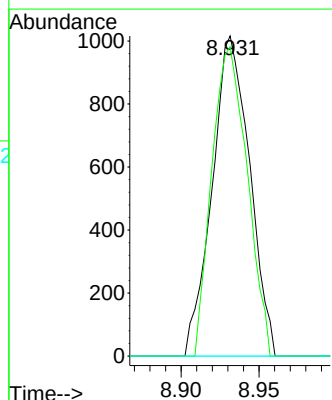
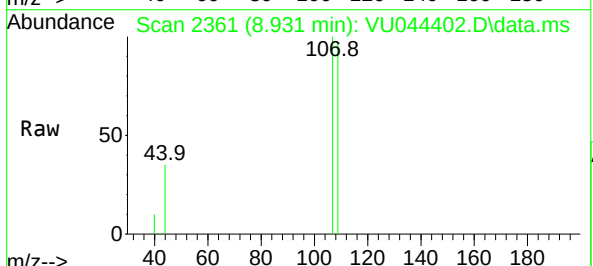
Tgt Ion:107 Resp: 1701

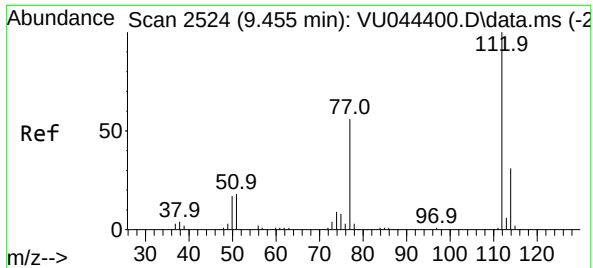
Ion Ratio Lower Upper

107 100

109 96.7 66.0 122.6

188 0.0 2.8 4.2#

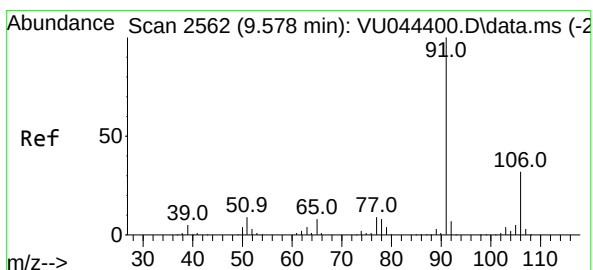
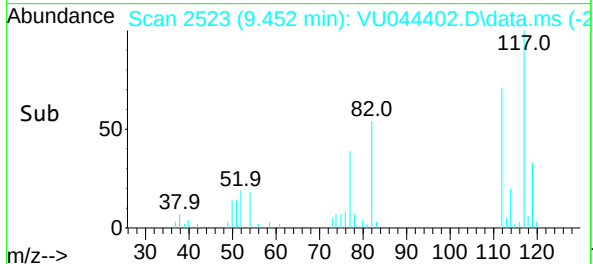
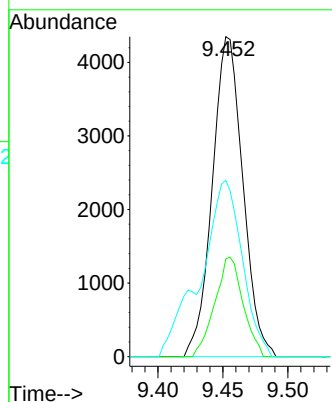
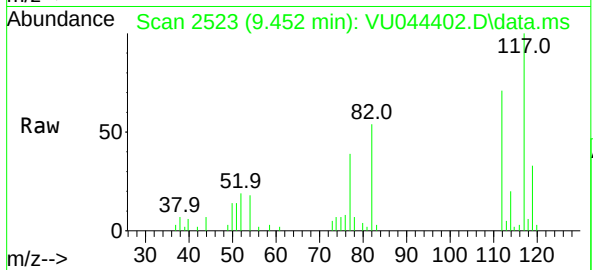




#51
Chlorobenzene
Concen: 0.226 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

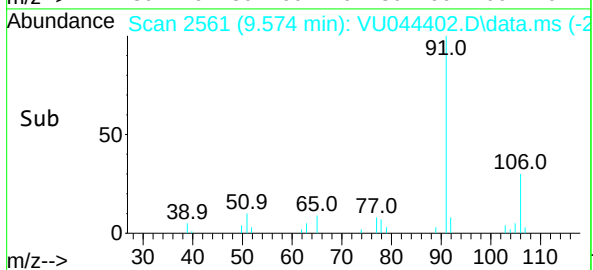
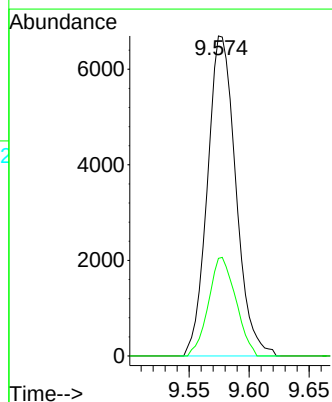
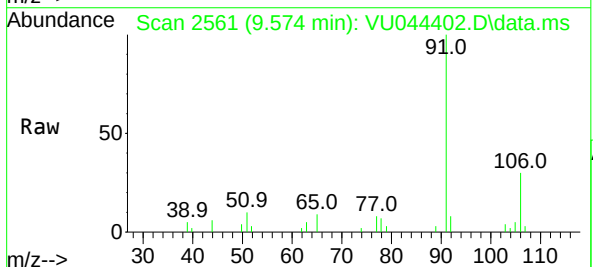
Instrument :
MSVOA_U
ClientSampled :

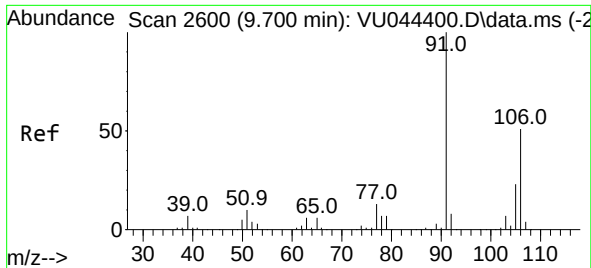
Tgt Ion:112 Resp: 7104
Ion Ratio Lower Upper
112 100
114 30.6 22.5 41.7
77 55.1 48.9 73.3



#52
Ethylbenzene
Concen: 0.204 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 91 Resp: 11021
Ion Ratio Lower Upper
91 100
106 30.5 20.9 38.9

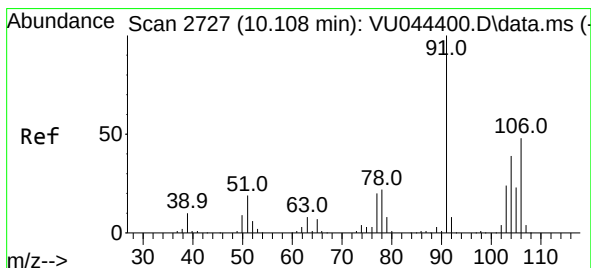
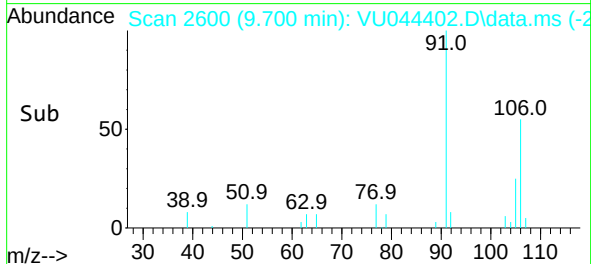
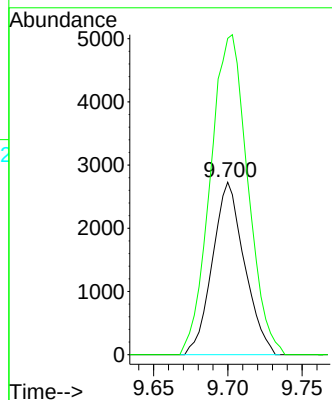
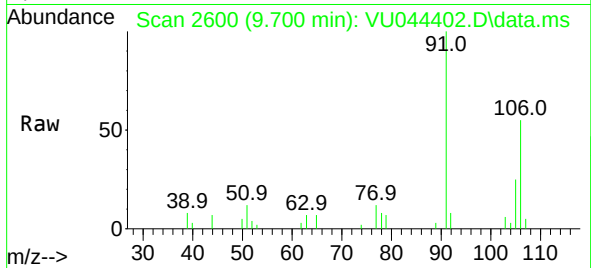




#53
m,p-Xylene
Concen: 0.196 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

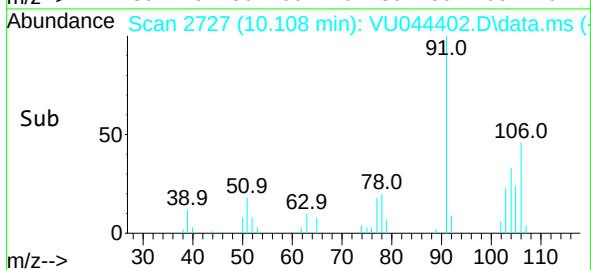
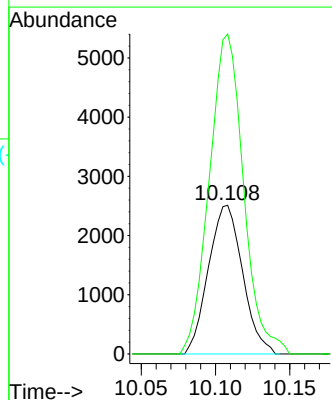
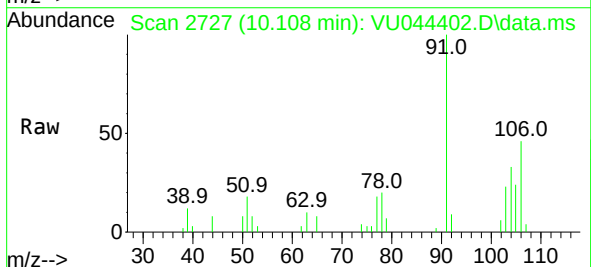
Instrument :
MSVOA_U
ClientSampled :

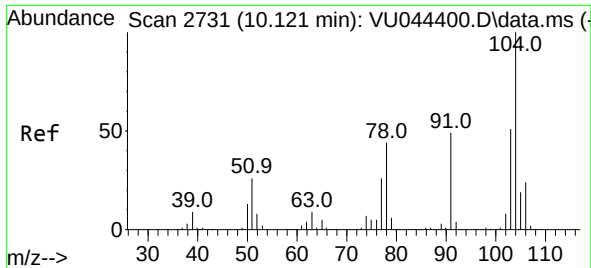
Tgt Ion:106 Resp: 4095
Ion Ratio Lower Upper
106 100
91 183.4 144.1 267.5



#54
o-Xylene
Concen: 0.198 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:106 Resp: 4021
Ion Ratio Lower Upper
106 100
91 215.2 151.0 280.4

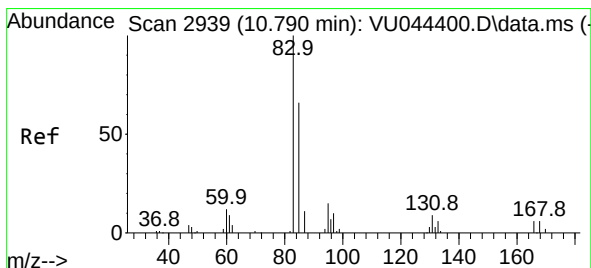
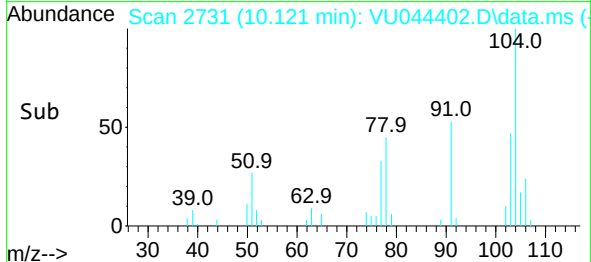
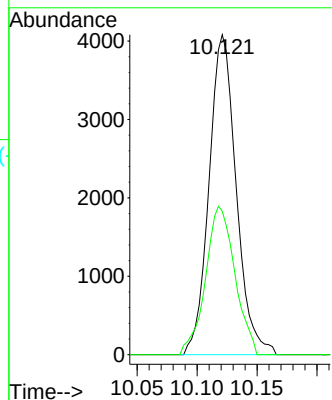
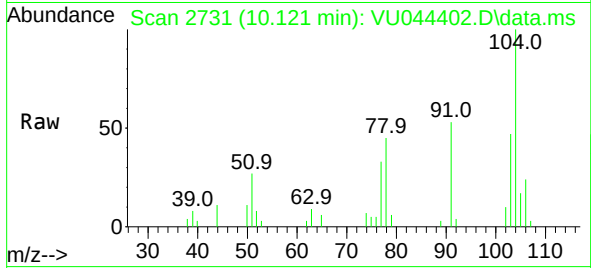




#55
Styrene
Concen: 0.185 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

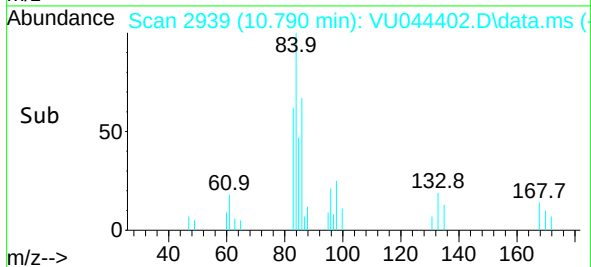
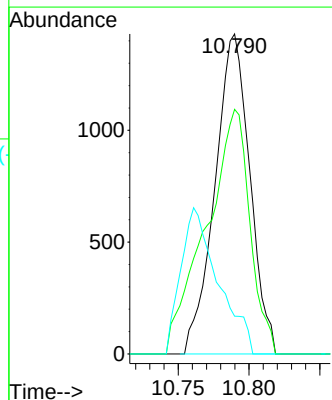
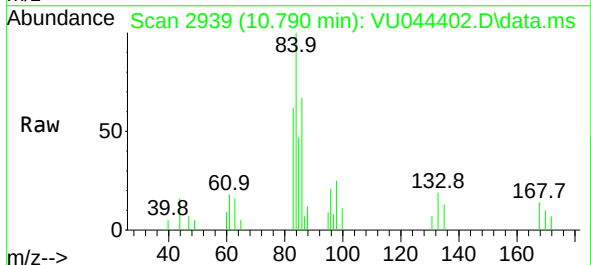
Instrument :
MSVOA_U
ClientSampled :

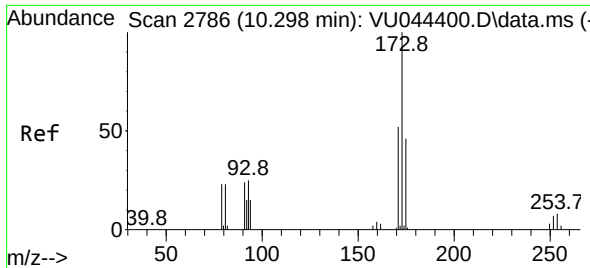
Tgt Ion:104 Resp: 6429
Ion Ratio Lower Upper
104 100
78 44.8 32.1 59.5



#57
1,1,2,2-Tetrachloroethane
Concen: 0.204 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 83 Resp: 2456
Ion Ratio Lower Upper
83 100
85 76.5 43.4 80.6
131 11.8 6.6 9.8#

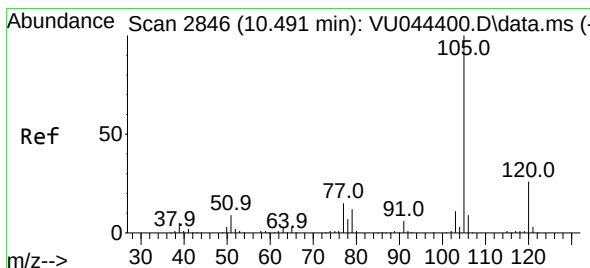
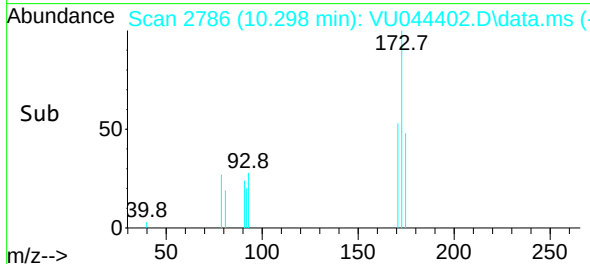
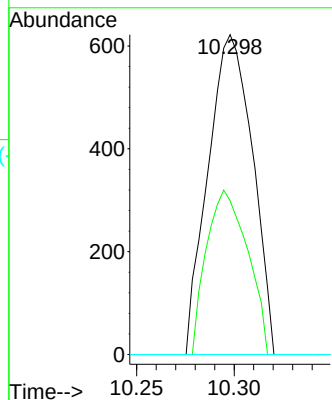
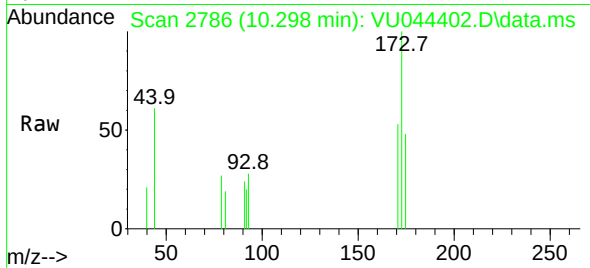




#59
Bromoform
Concen: 0.198 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

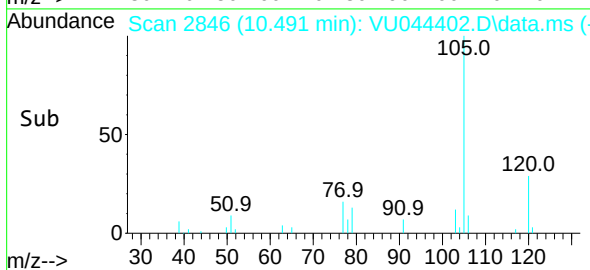
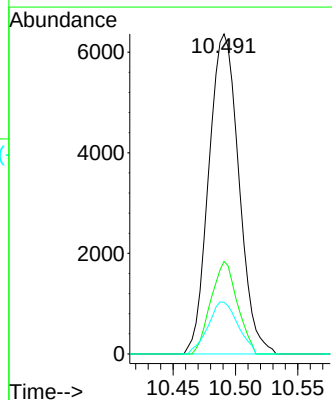
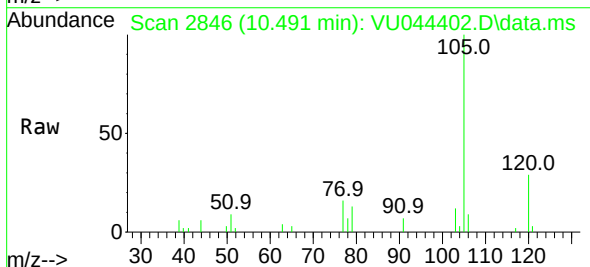
Instrument :
MSVOA_U
ClientSampled :

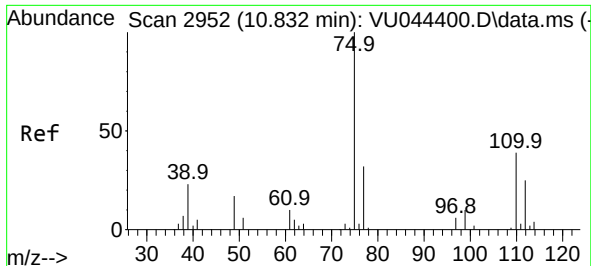
Tgt Ion:173 Resp: 986
Ion Ratio Lower Upper
173 100
175 47.5 38.6 57.8
254 0.0 5.4 8.2#



#60
Isopropylbenzene
Concen: 0.213 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:105 Resp: 10699
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 16.0 12.7 19.1

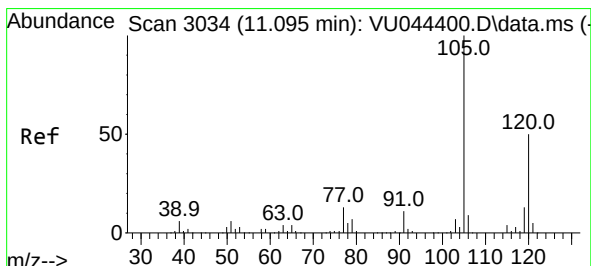
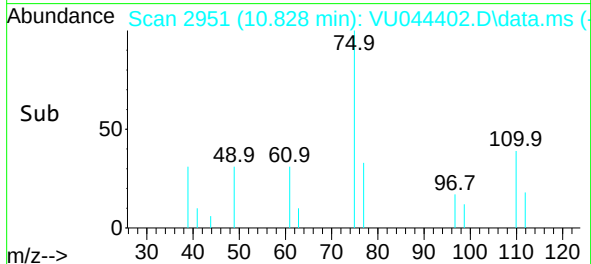
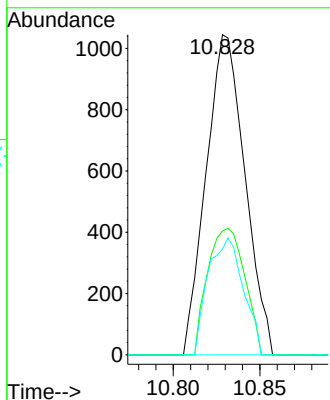
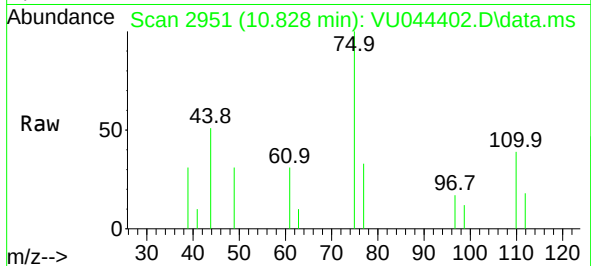




#61
1,2,3-Trichloropropane
Concen: 0.193 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

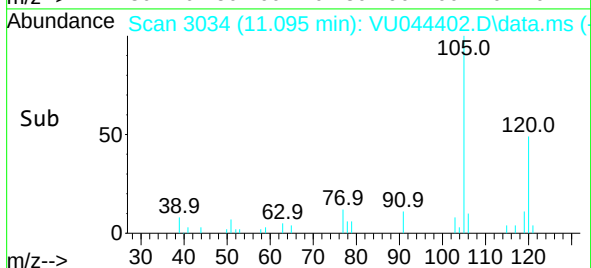
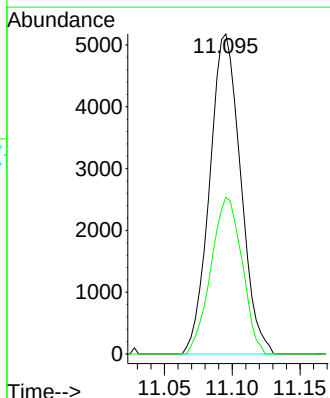
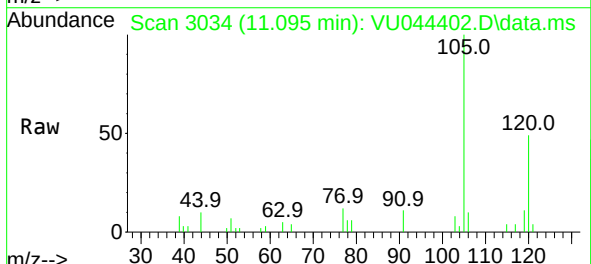
Instrument :
MSVOA_U
ClientSampled :

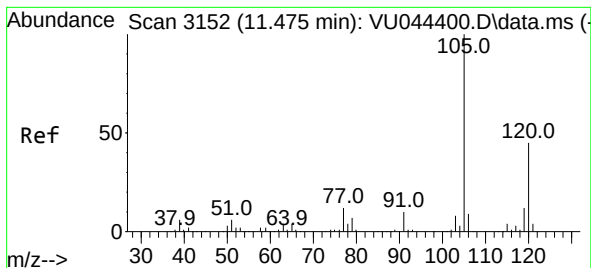
Tgt Ion: 75 Resp: 1626
Ion Ratio Lower Upper
75 100
110 37.8 30.2 45.2
77 33.2 26.2 39.2



#62
1,3,5-Trimethylbenzene
Concen: 0.196 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 105 Resp: 8230
Ion Ratio Lower Upper
105 100
120 49.1 38.8 58.2

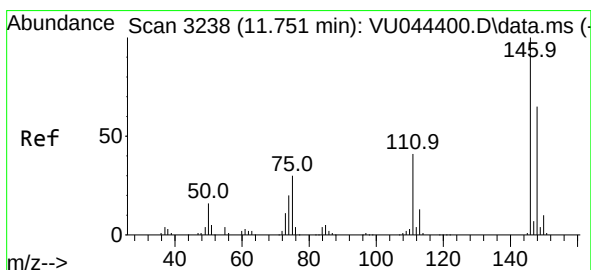
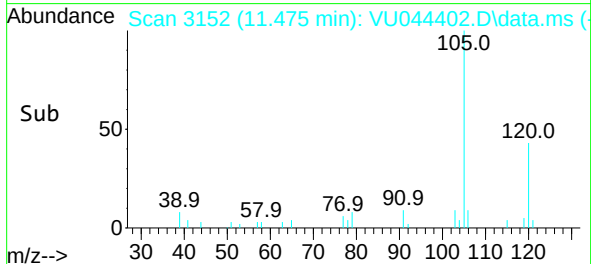
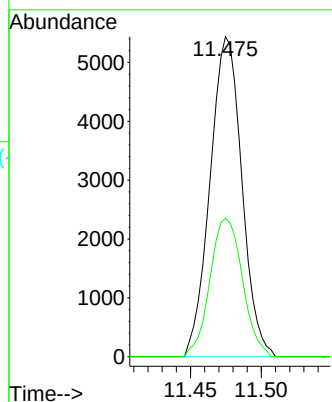
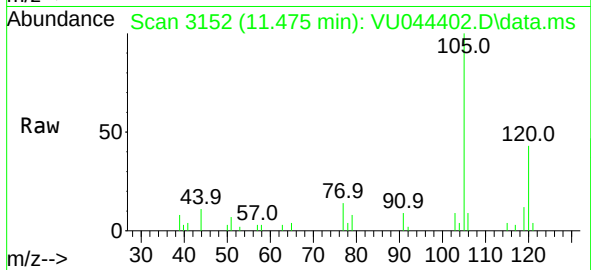




#63
1,2,4-Trimethylbenzene
Concen: 0.197 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

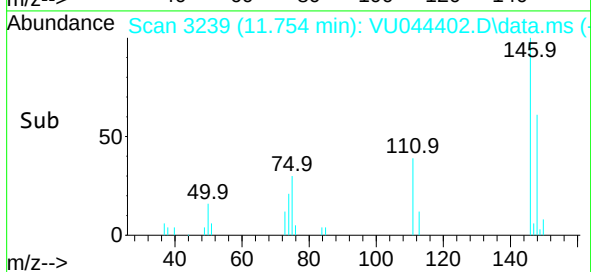
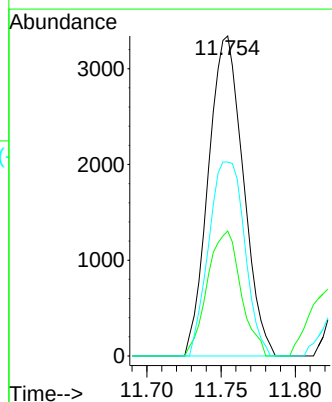
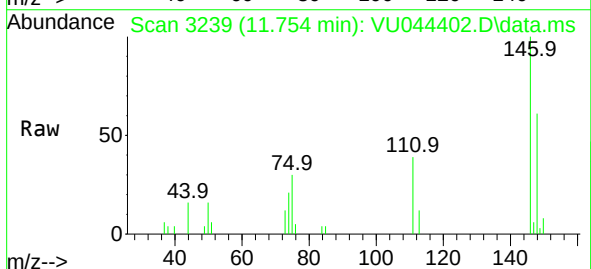
Instrument :
MSVOA_U
ClientSampled :

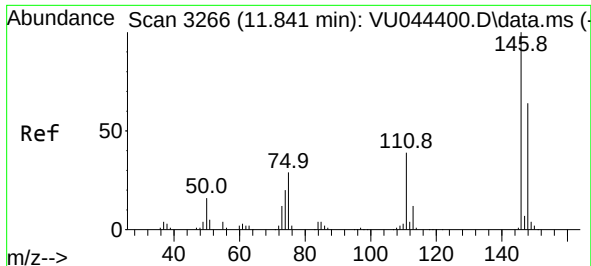
Tgt Ion:105 Resp: 8481
Ion Ratio Lower Upper
105 100
120 44.3 36.0 54.0



#64
1,3-Dichlorobenzene
Concen: 0.237 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:146 Resp: 5450
Ion Ratio Lower Upper
146 100
111 39.1 29.5 54.7
148 60.6 45.1 83.9

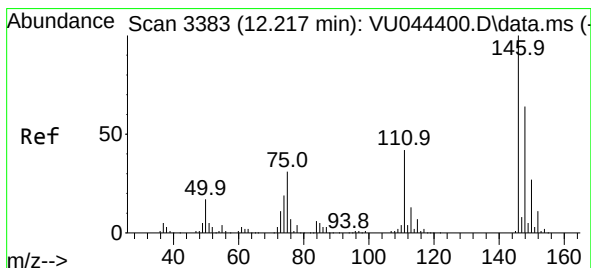
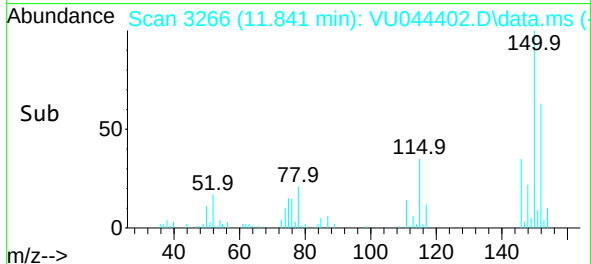
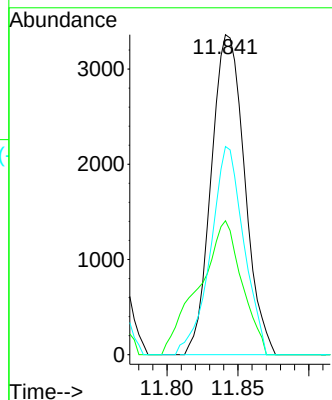
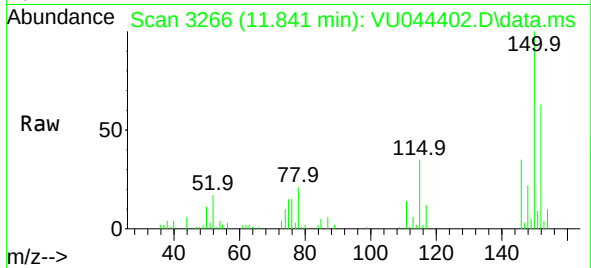




#65
1,4-Dichlorobenzene
Concen: 0.235 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

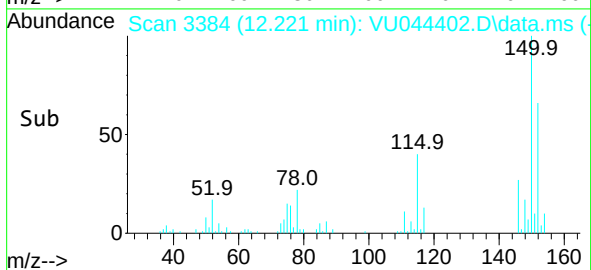
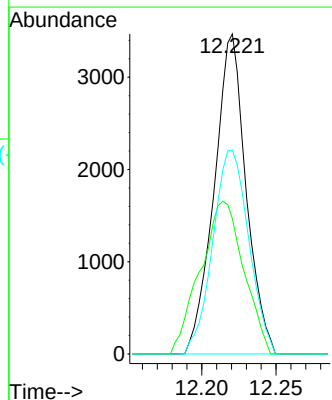
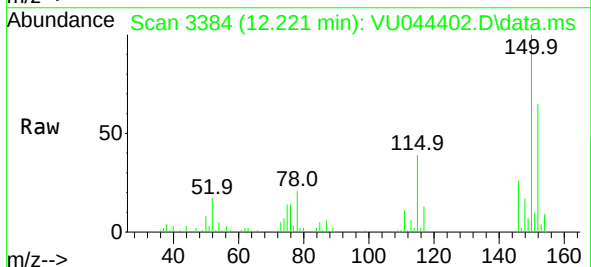
Instrument :
MSVOA_U
ClientSampled :

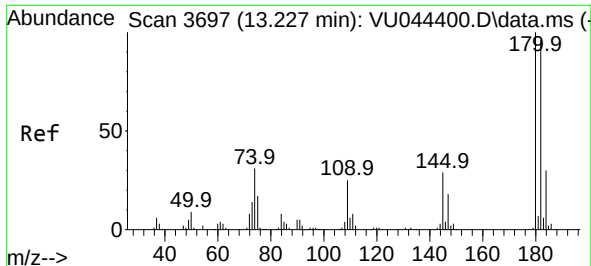
Tgt Ion:146 Resp: 5514
Ion Ratio Lower Upper
146 100
111 41.8 28.8 53.4
148 65.1 44.9 83.3



#67
1,2-Dichlorobenzene
Concen: 0.234 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:146 Resp: 5174
Ion Ratio Lower Upper
146 100
111 42.3 35.1 52.7
148 63.8 52.0 78.0

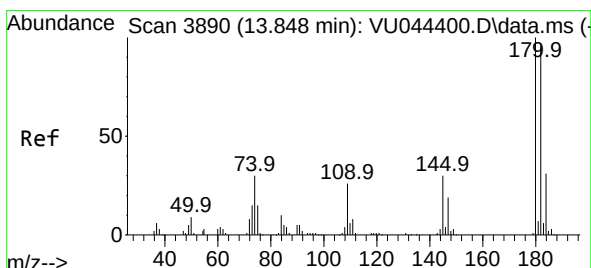
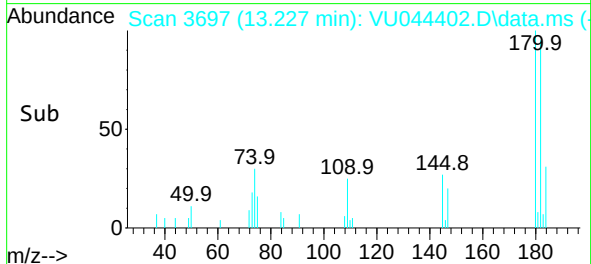
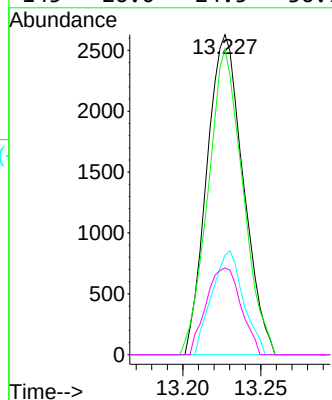
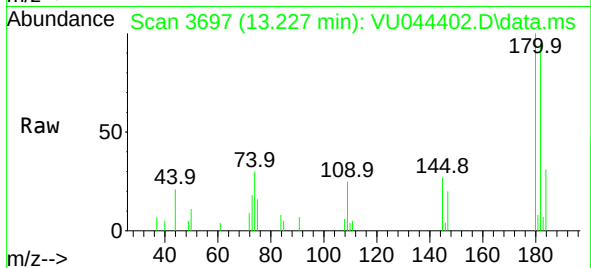




#69
 1,3,5-Trichlorobenzene
 Concen: 0.248 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU044402.D
 Acq: 09 Aug 2021 14:06

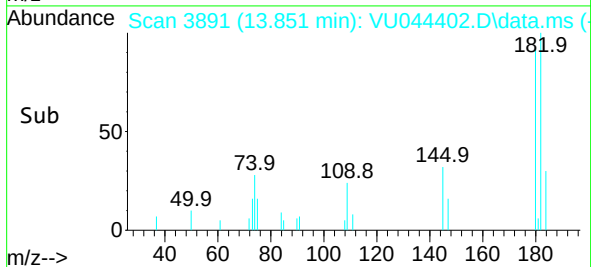
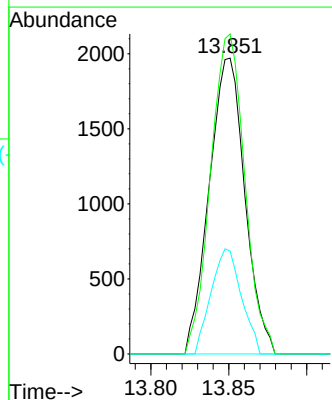
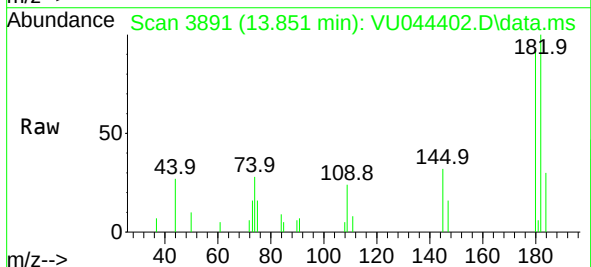
Instrument :
 MSVOA_U
 ClientSampled :

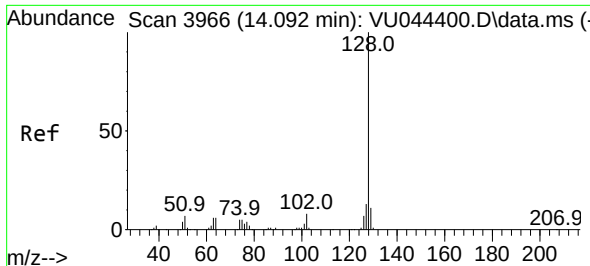
Tgt Ion:180	Resp:	4252
Ion	Ratio	Lower Upper
180	100	
182	91.5	75.6 113.4
184	28.2	23.8 35.6
145	26.0	24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 0.216 ug/L
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.003 min
 Lab File: VU044402.D
 Acq: 09 Aug 2021 14:06

Tgt Ion:180	Resp:	3142
Ion	Ratio	Lower Upper
180	100	
182	103.4	76.3 114.5
145	30.1	24.7 37.1

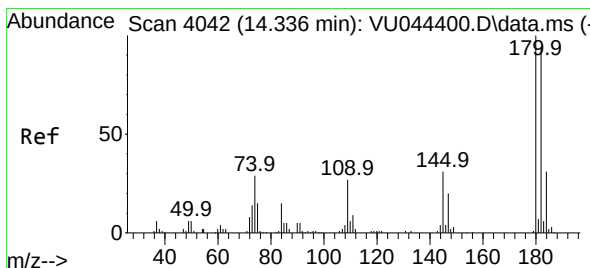
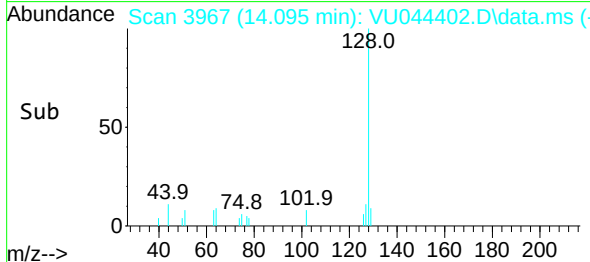
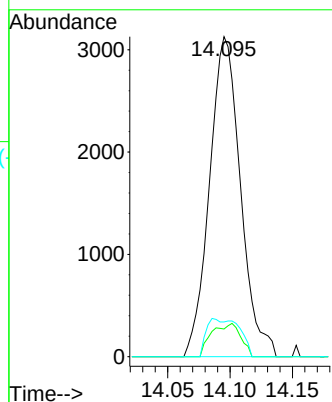
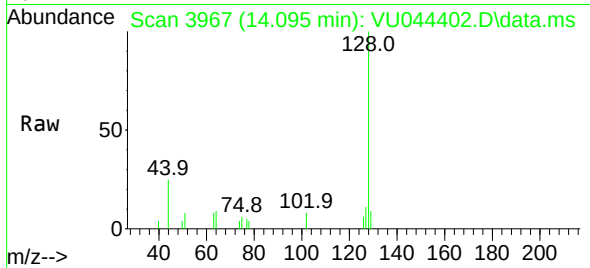




#71
Naphthalene
Concen: 0.190 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 5411
Ion Ratio Lower Upper
128 100
129 9.8 8.6 13.0
127 6.8 10.2 15.4#



#72
1,2,3-Trichlorobenzene
Concen: 0.237 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:180 Resp: 3121
Ion Ratio Lower Upper
180 100
182 88.0 76.6 115.0
145 30.5 27.0 40.4

