

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044838.D
 Acq On : 25 Sep 2021 15:47
 Operator : SY/MD
 Sample : M3784-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Sep 27 01:32:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

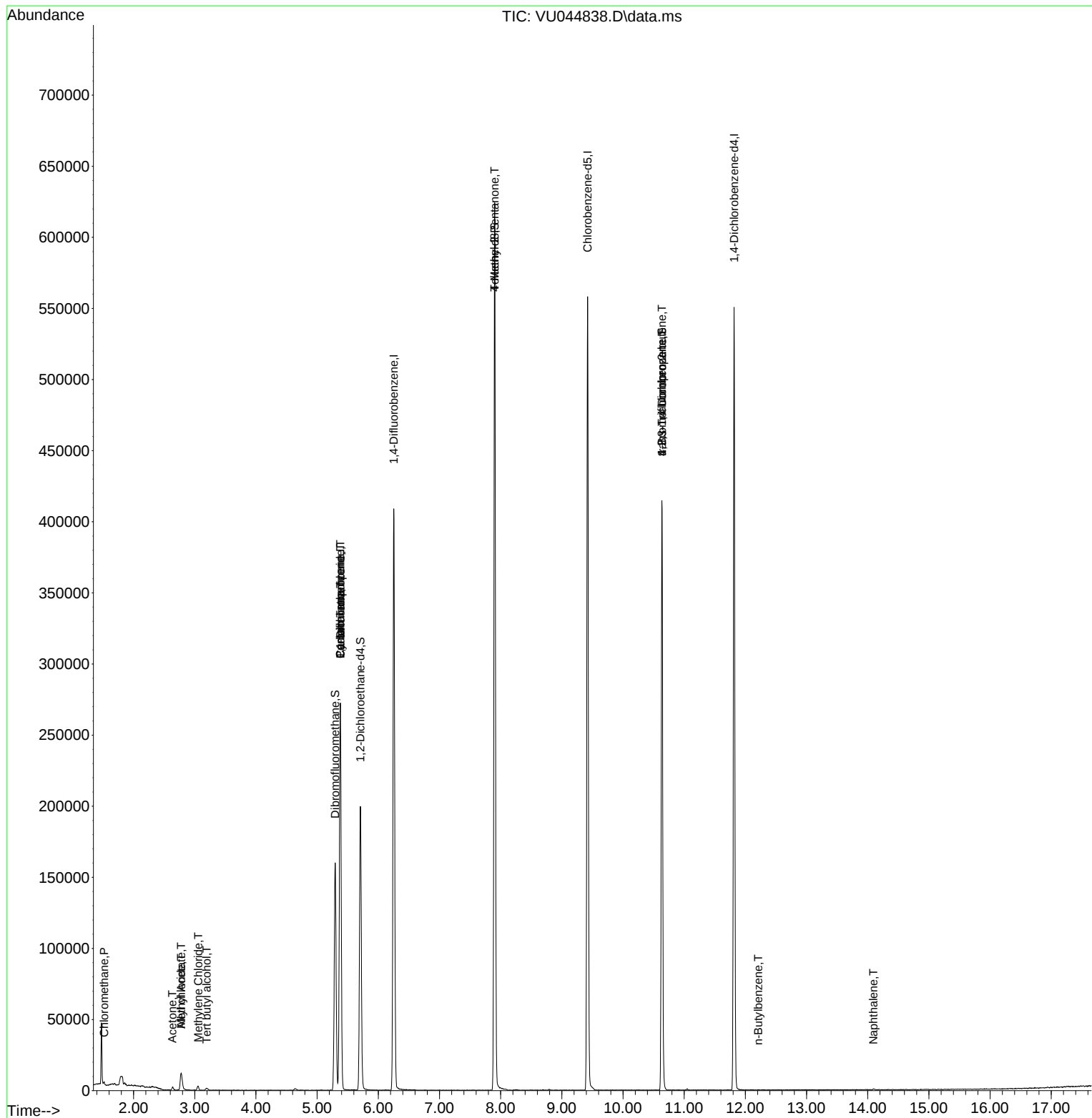
Internal Standards						
1) Pentafluorobenzene	5.378	168	174869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	308922	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	290805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	131089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	150280	49.241	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.480%	
35) Dibromofluoromethane	5.295	113	102875	48.543	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.080%	
50) Toluene-d8	7.902	98	396541	49.543	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.080%	
62) 4-Bromofluorobenzene	10.635	95	135384	45.540	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1304	0.410	ug/l	100
5) Bromomethane	1.854	94	684	Below Cal		97
6) Chloroethane	1.928	64	181	Below Cal	#	42
11) Tert butyl alcohol	3.195	59	1175	1.319	ug/l #	72
14) Allyl chloride	2.777	41	1681	0.411	ug/l #	70
16) Acetone	2.636	43	2432	1.413	ug/l	99
18) Methyl Acetate	2.777	43	4721	0.821	ug/l #	52
20) Methylene Chloride	3.057	84	1385	0.497	ug/l	87
31) Cyclohexane	5.378	56	4783	1.092	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	16756	5.112	ug/l #	47
38) Carbon Tetrachloride	5.378	117	18778	6.408	ug/l #	16
51) 4-Methyl-2-Pentanone	7.899	43	2040	0.425	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	75063	18.910	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	75063	61.256	ug/l #	9
89) n-Butylbenzene	12.211	91	61	1.283	ug/l #	33
95) Naphthalene	14.092	128	793	1.020	ug/l #	69

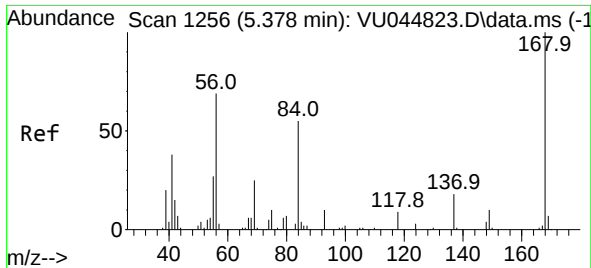
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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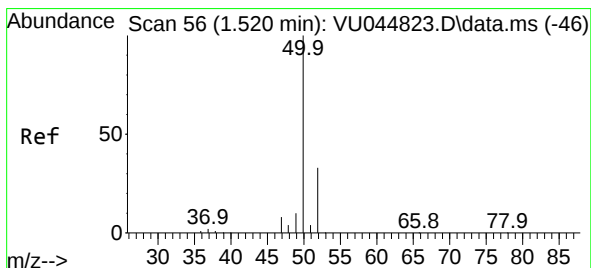
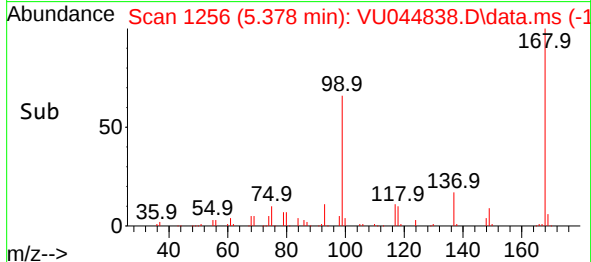
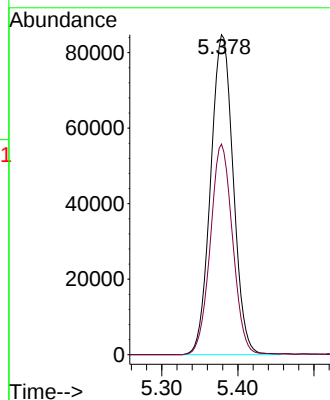
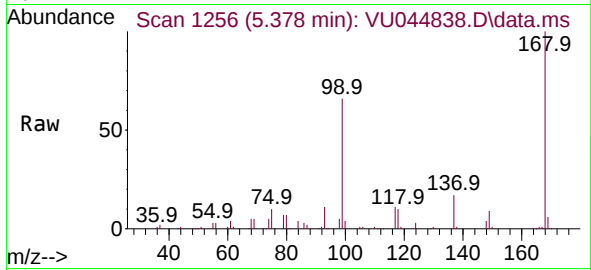




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.000 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

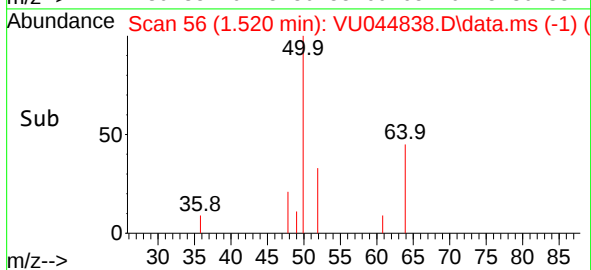
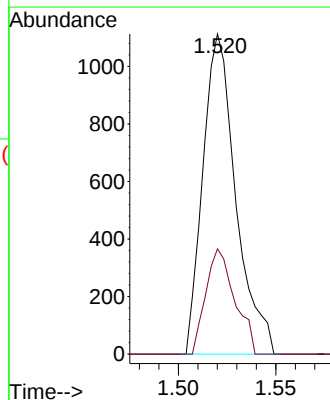
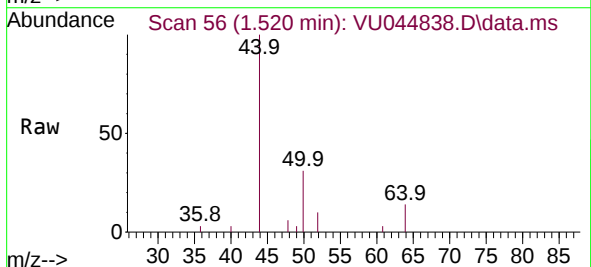
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

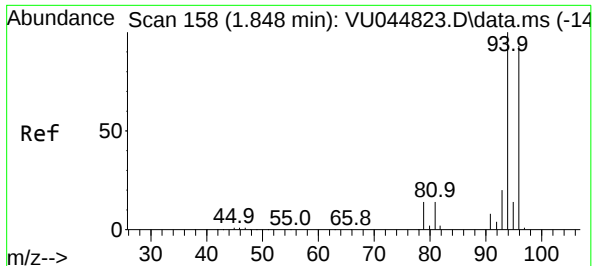
Tgt Ion:168 Resp: 174869
Ion Ratio Lower Upper
168 100
99 65.8 51.4 77.0



#3
Chloromethane
Concen: 0.410 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Tgt Ion: 50 Resp: 1304
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5

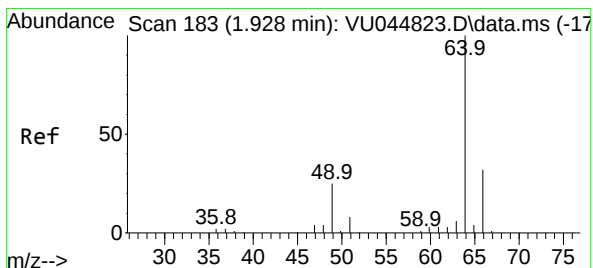
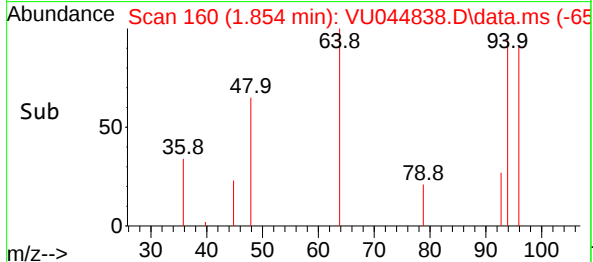
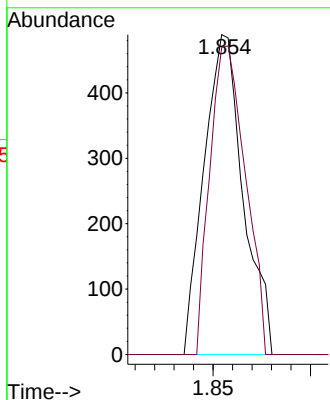
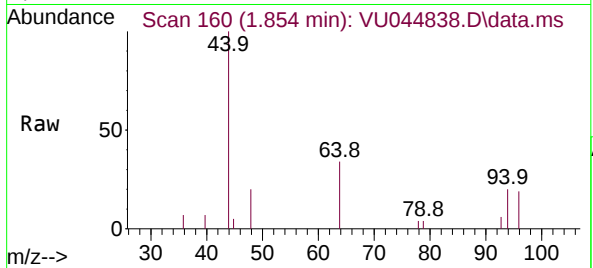




#5
Bromomethane
Concen: Below Cal
RT: 1.854 min Scan# 160
Delta R.T. 0.006 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

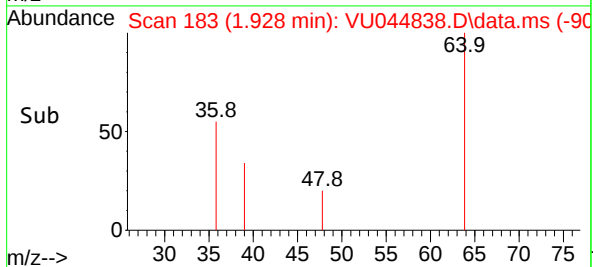
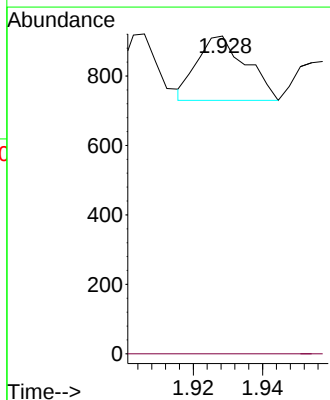
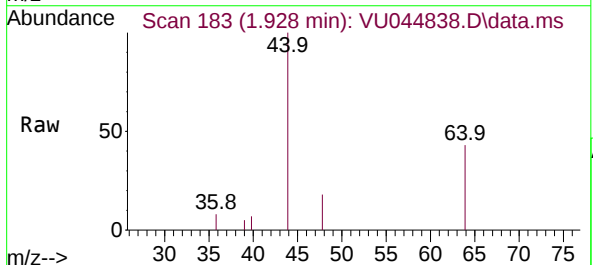
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

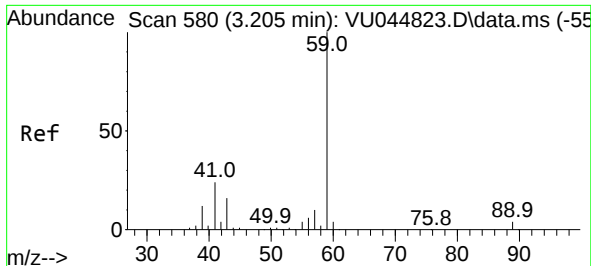
Tgt Ion: 94 Resp: 684
Ion Ratio Lower Upper
94 100
96 96.1 74.5 111.7



#6
Chloroethane
Concen: Below Cal
RT: 1.928 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Tgt Ion: 64 Resp: 181
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#

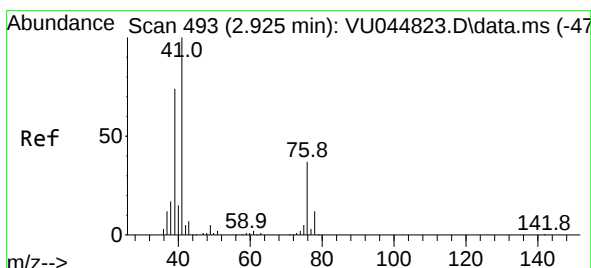
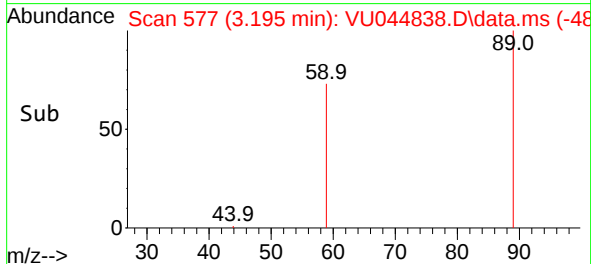
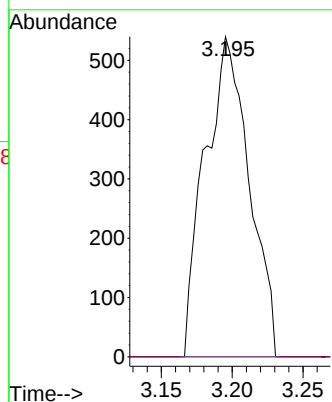
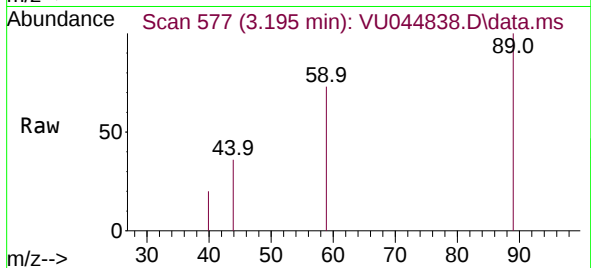




#11
Tert butyl alcohol
Concen: 1.319 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.010 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

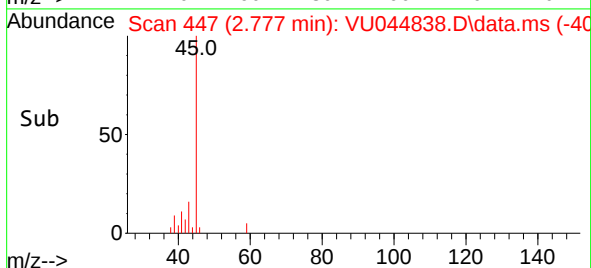
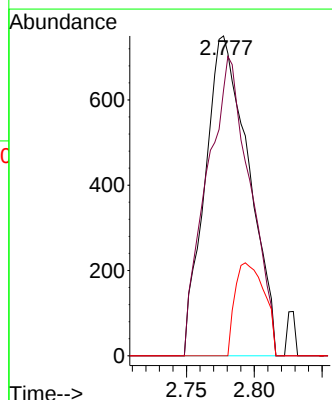
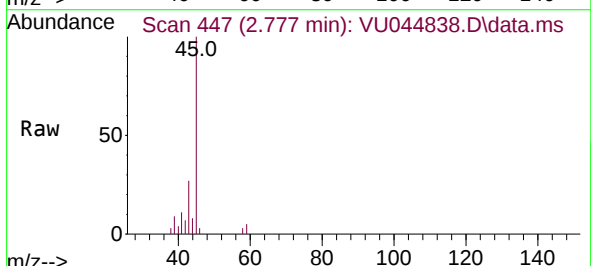
Instrument :
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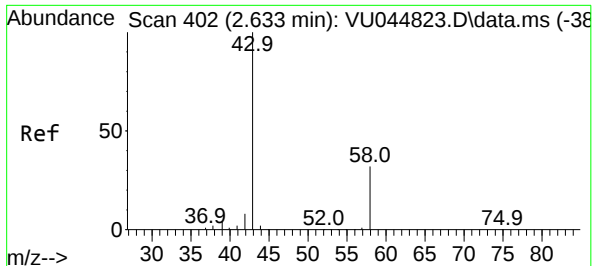
Tgt Ion: 59 Resp: 1175
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.411 ug/l
RT: 2.777 min Scan# 447
Delta R.T. -0.148 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Tgt Ion: 41 Resp: 1681
Ion Ratio Lower Upper
41 100
39 92.7 53.0 79.6#
76 19.5 25.7 38.5#

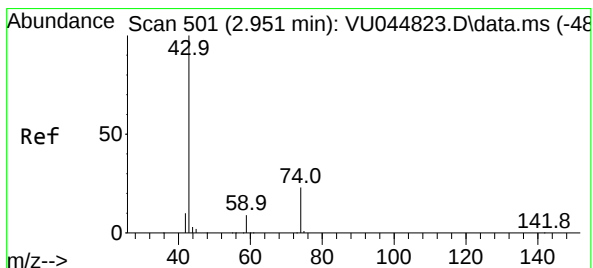
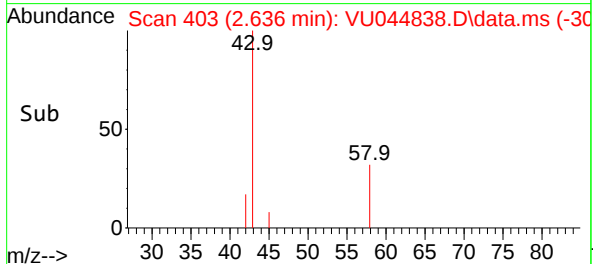
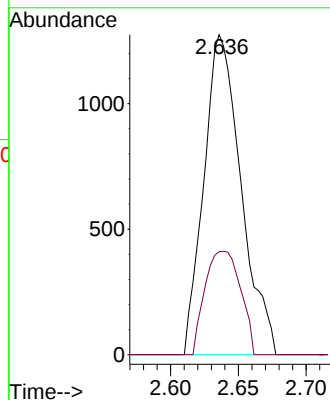
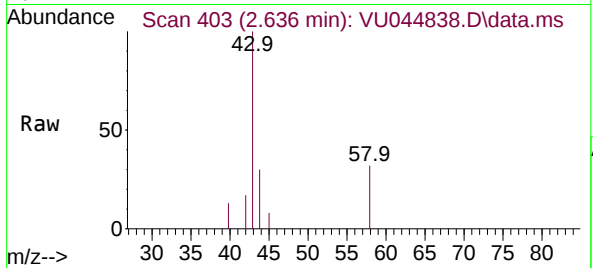




#16
Acetone
Concen: 1.413 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.003 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

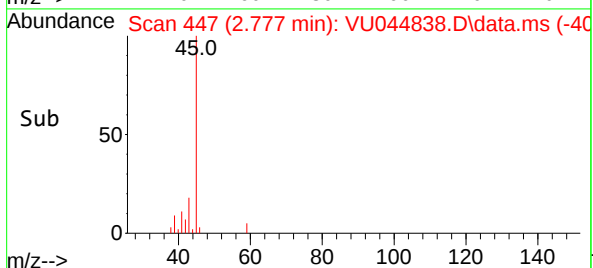
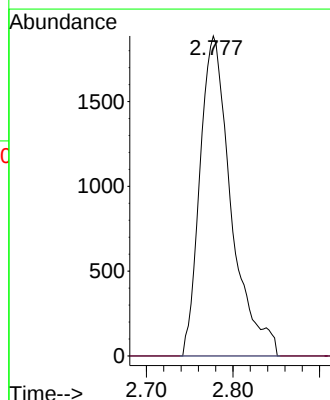
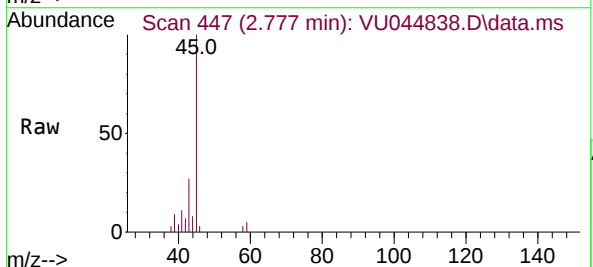
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

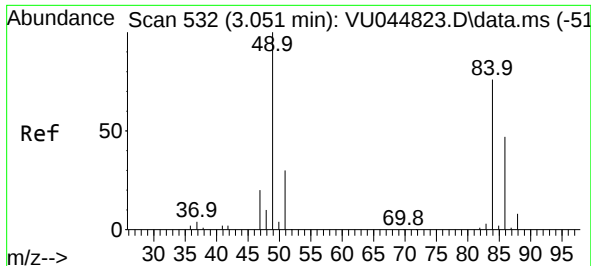
Tgt Ion: 43 Resp: 2432
Ion Ratio Lower Upper
43 100
58 32.2 25.2 37.8



#18
Methyl Acetate
Concen: 0.821 ug/l
RT: 2.777 min Scan# 447
Delta R.T. -0.174 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Tgt Ion: 43 Resp: 4721
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



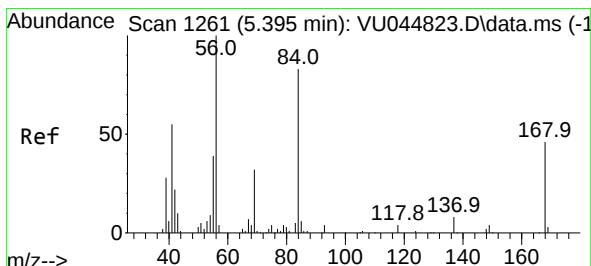
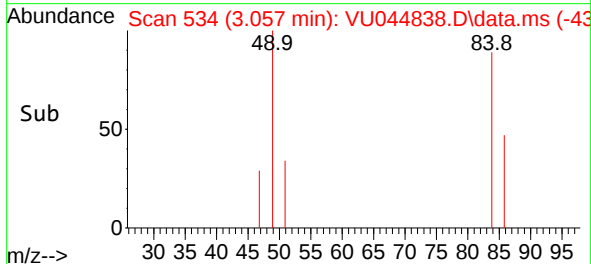
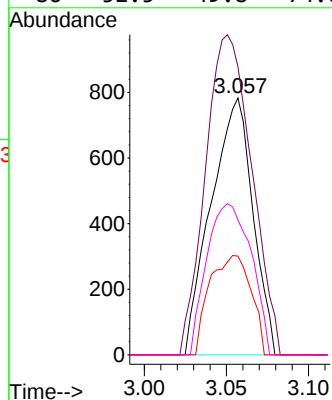
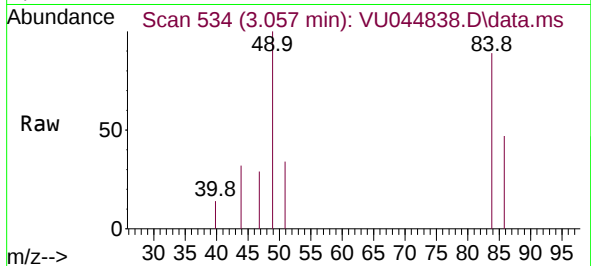


#20
Methylene Chloride
Concen: 0.497 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 84 Resp: 1385

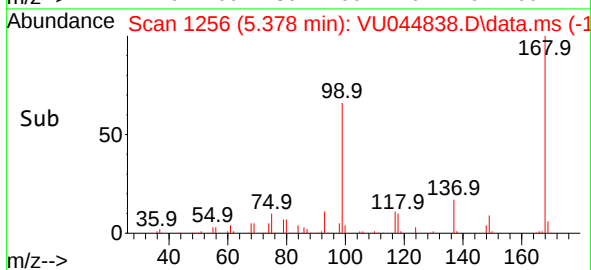
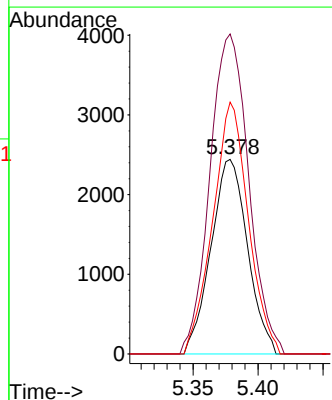
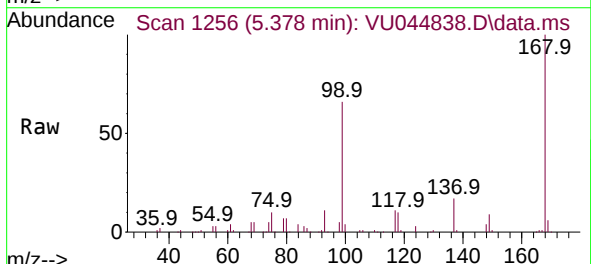
Ion	Ratio	Lower	Upper
84	100		
49	112.1	104.9	157.3
51	38.4	31.8	47.8
86	52.5	49.8	74.6

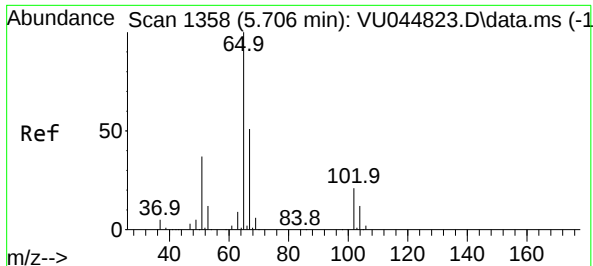


#31
Cyclohexane
Concen: 1.092 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Tgt Ion: 56 Resp: 4783

Ion	Ratio	Lower	Upper
56	100		
69	164.5	25.2	37.8#
84	129.4	66.4	99.6#



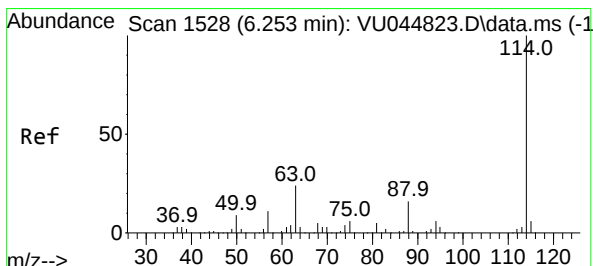
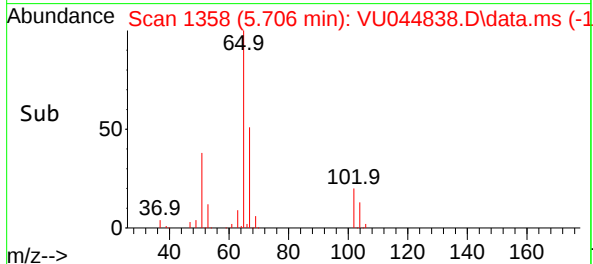
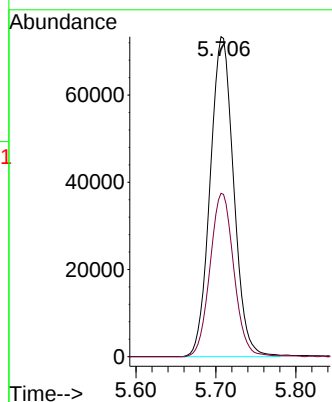
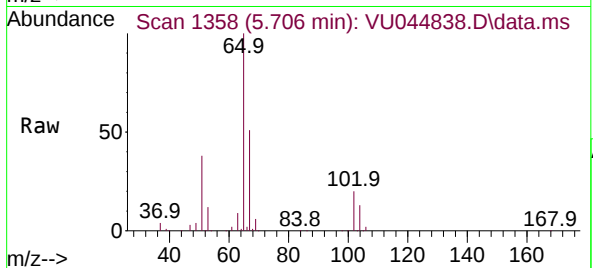


#33

1,2-Dichloroethane-d4
Concen: 49.241 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Instrument :
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ClientSampleId :
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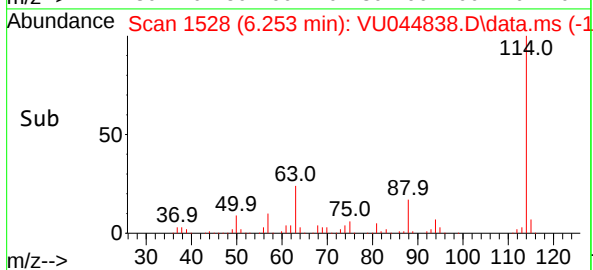
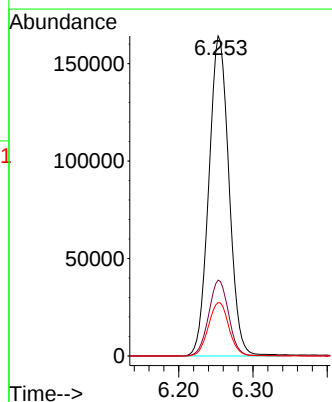
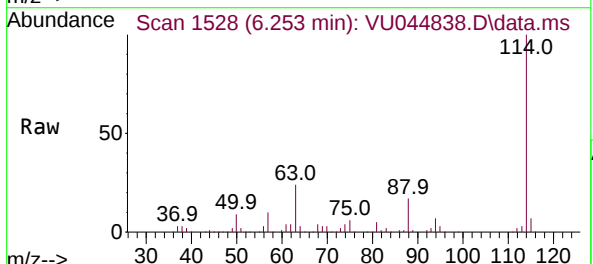
Tgt Ion: 65 Resp: 150280
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

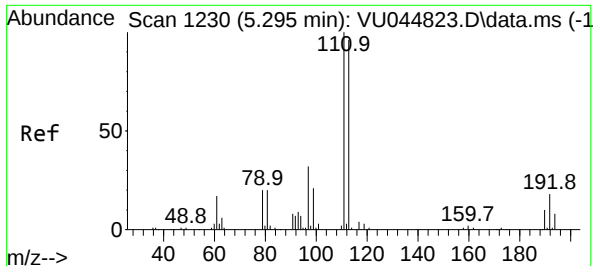


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Tgt Ion: 114 Resp: 308922
Ion Ratio Lower Upper
114 100
63 23.7 0.0 47.8
88 16.7 0.0 32.8

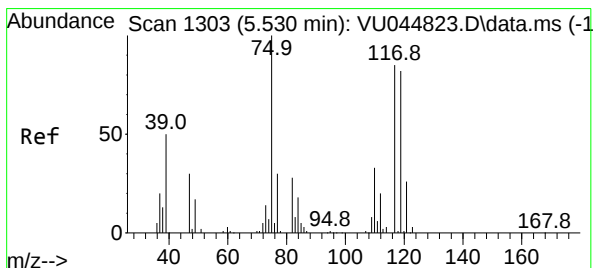
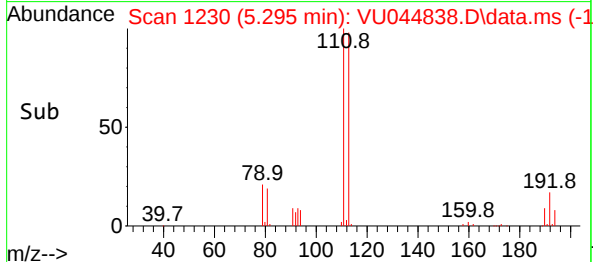
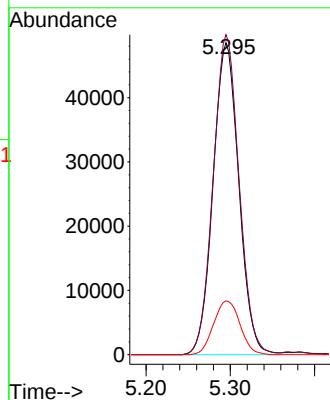
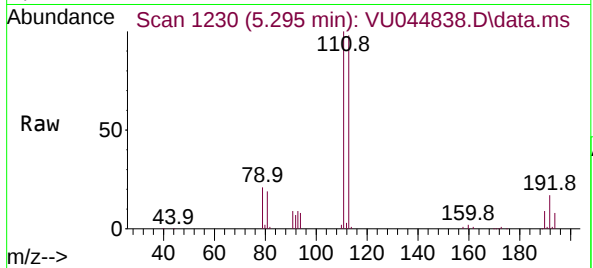




#35
Dibromofluoromethane
Concen: 48.543 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

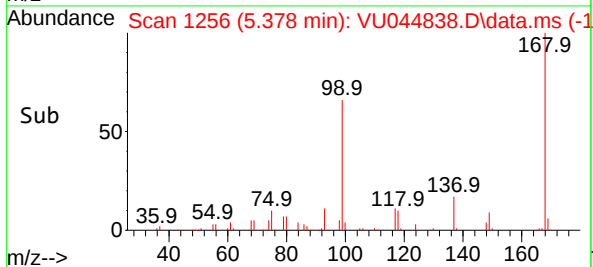
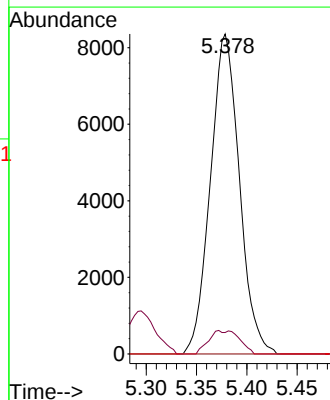
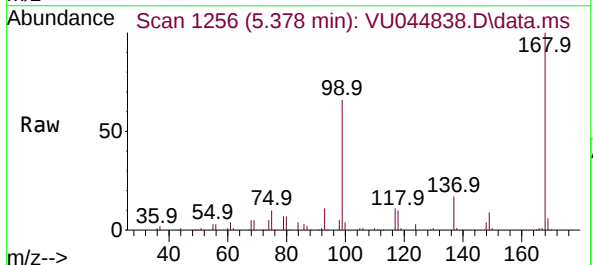
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

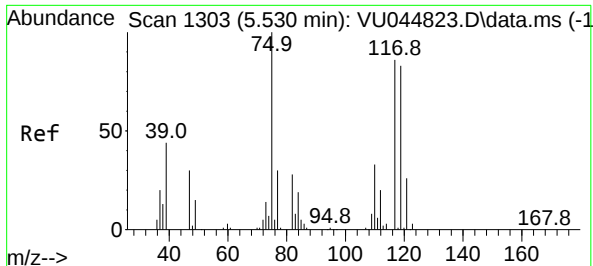
Tgt Ion:113 Resp: 102875
Ion Ratio Lower Upper
113 100
111 103.2 84.1 126.1
192 17.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.112 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

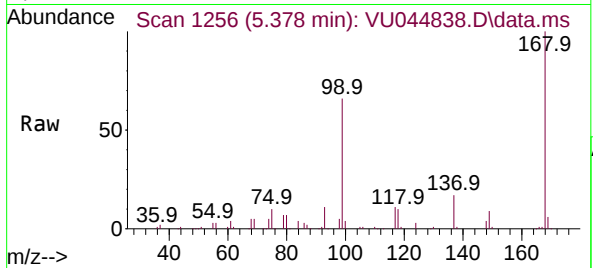
Tgt Ion: 75 Resp: 16756
Ion Ratio Lower Upper
75 100
110 4.3 16.3 48.9#
77 0.0 25.0 37.4#



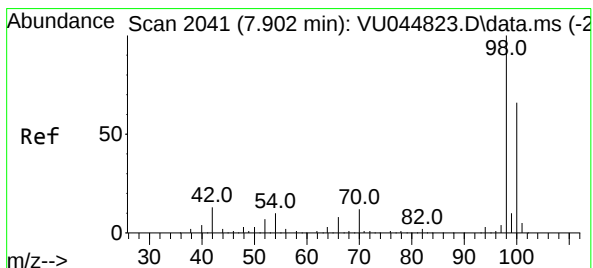
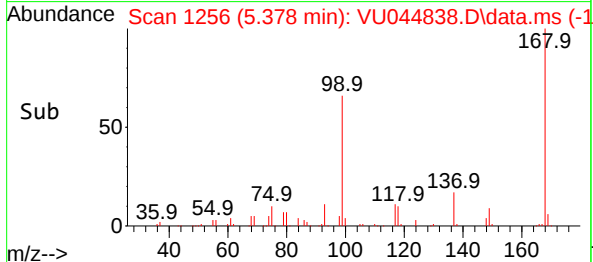
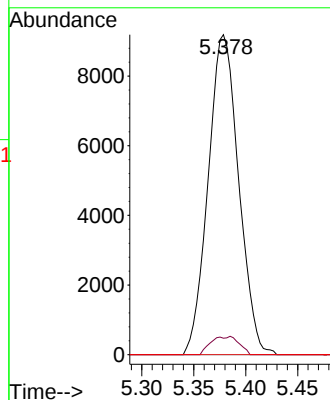


#38
Carbon Tetrachloride
Concen: 6.408 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

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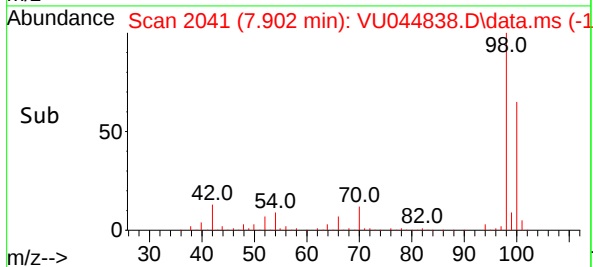
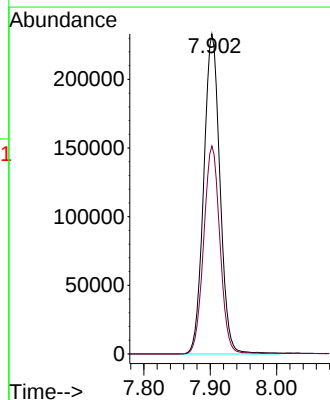
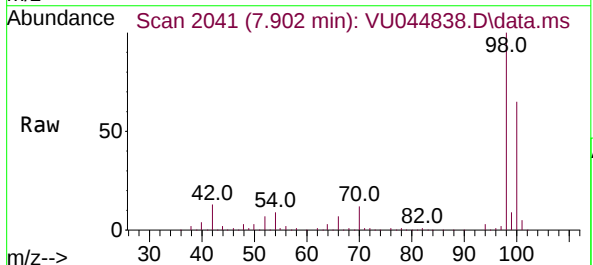


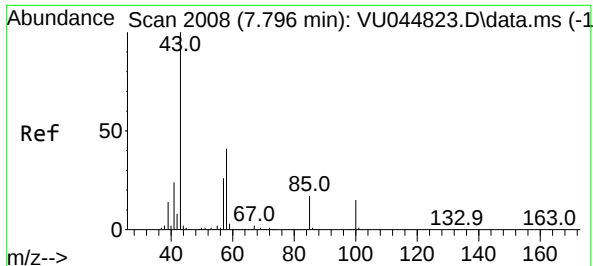
Tgt Ion:117 Resp: 18778
Ion Ratio Lower Upper
117 100
119 5.1 77.4 116.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.543 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Tgt Ion: 98 Resp: 396541
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

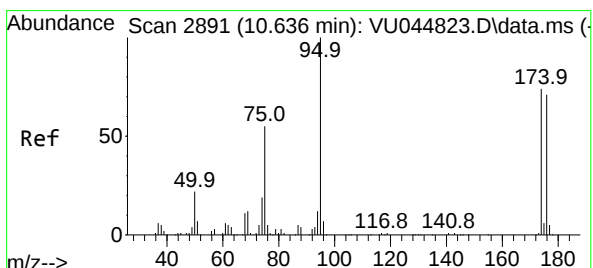
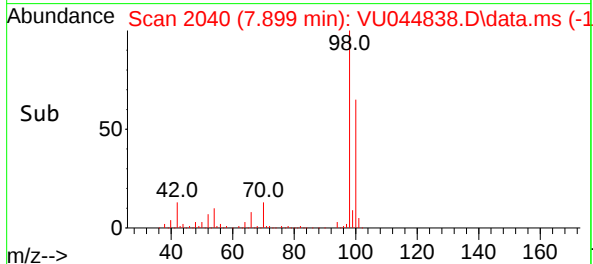
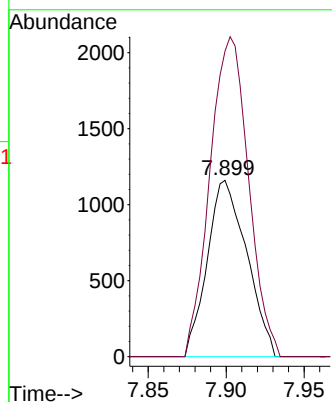
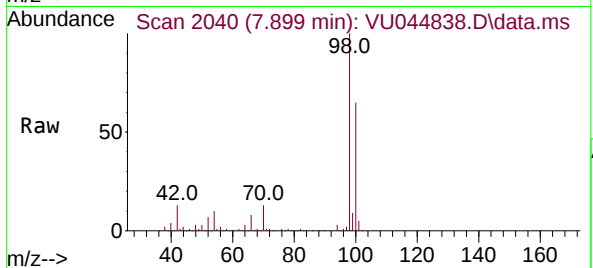




#51
4-Methyl-2-Pentanone
Concen: 0.425 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.103 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

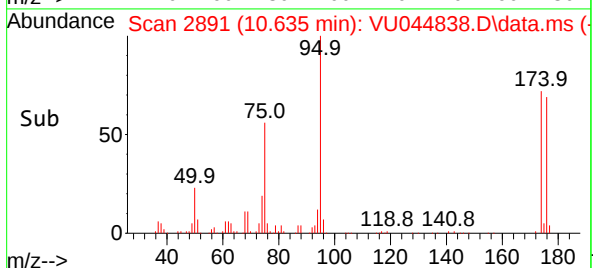
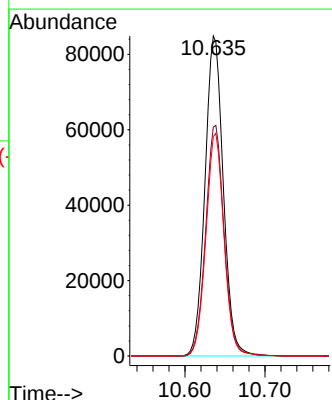
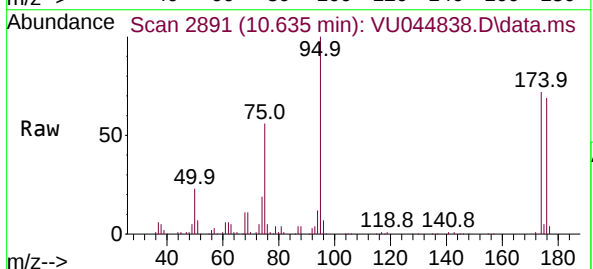
Instrument :
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ClientSampleId :
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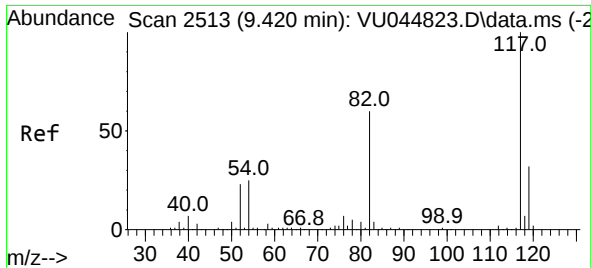
Tgt Ion: 43 Resp: 2040
Ion Ratio Lower Upper
43 100
58 177.5 32.4 48.6#



#62
4-Bromofluorobenzene
Concen: 45.540 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Tgt Ion: 95 Resp: 135384
Ion Ratio Lower Upper
95 100
174 72.7 0.0 146.6
176 68.7 0.0 141.2

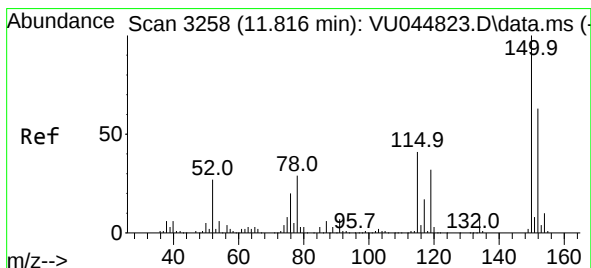
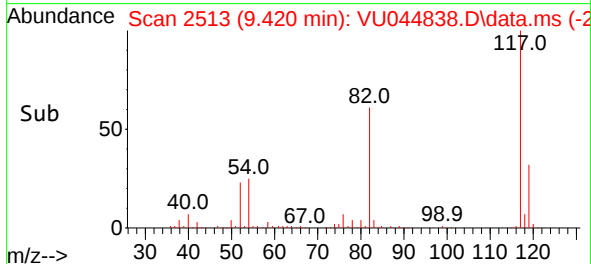
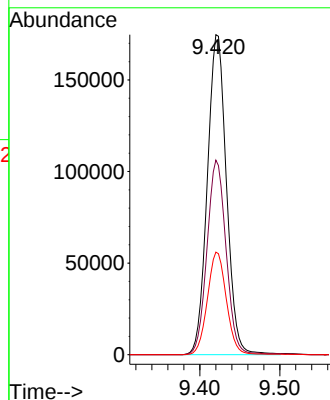
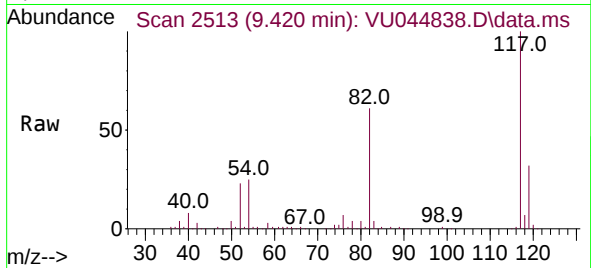




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

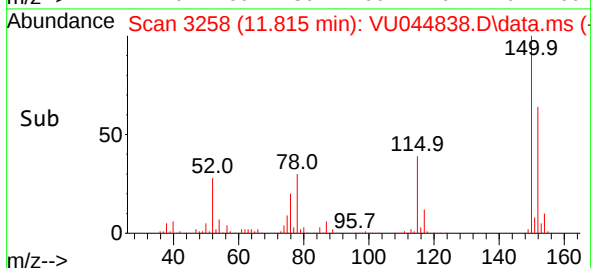
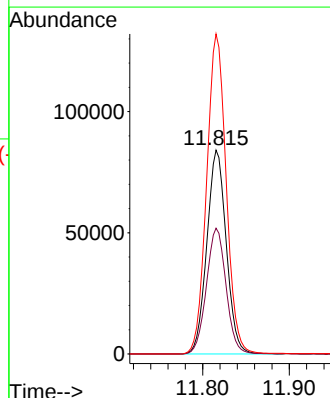
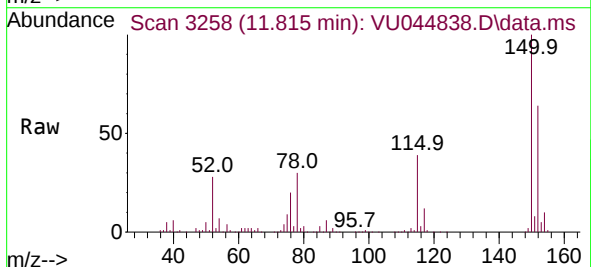
Instrument :
MSVOA_U
ClientSampleId :
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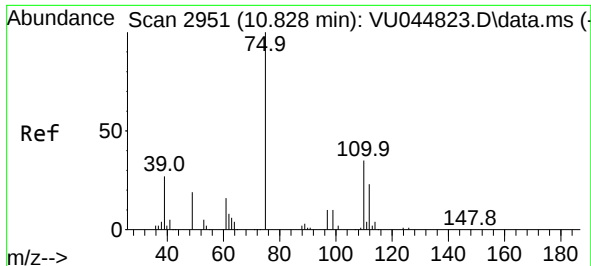
Tgt Ion:	117	Resp:	290805
Ion Ratio	Lower	Upper	
117	100		
82	60.8	47.8	71.8
119	32.0	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Tgt Ion:	152	Resp:	131089
Ion Ratio	Lower	Upper	
152	100		
115	62.3	43.5	130.7
150	157.6	0.0	350.0

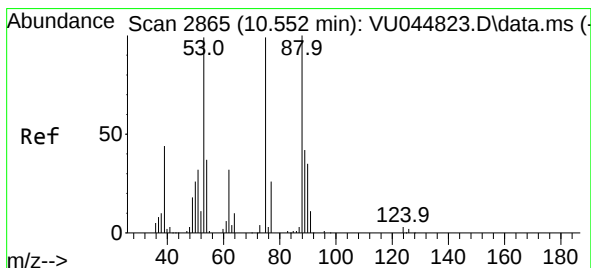
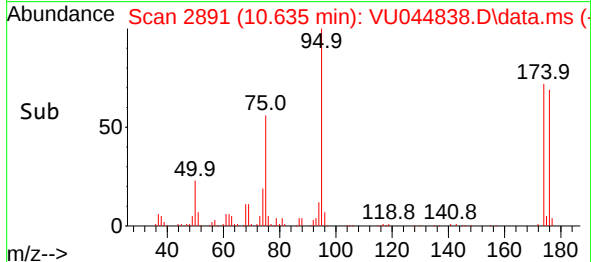
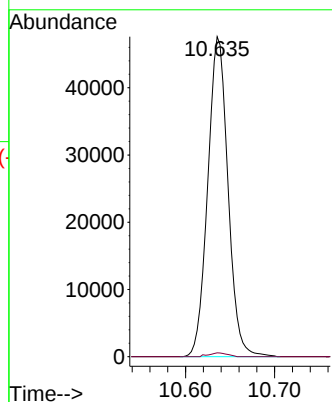
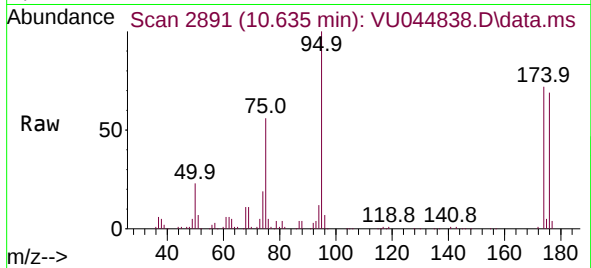




#76
1,2,3-Trichloropropane
Concen: 18.910 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

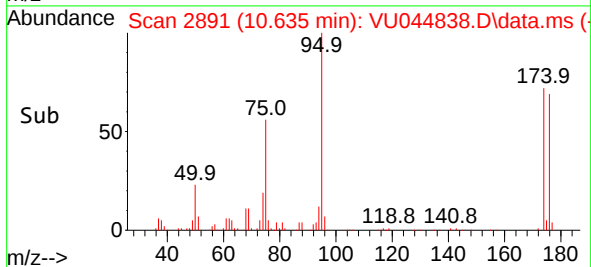
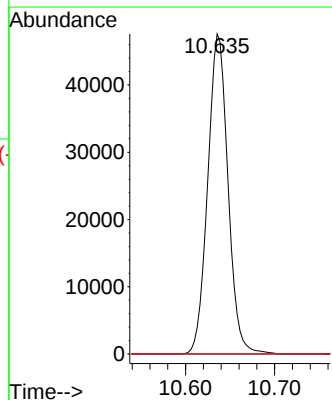
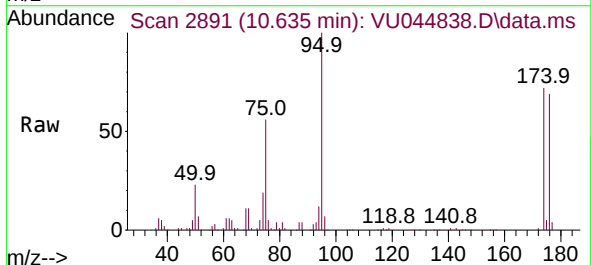
Instrument :
MSVOA_U
ClientSampleId :
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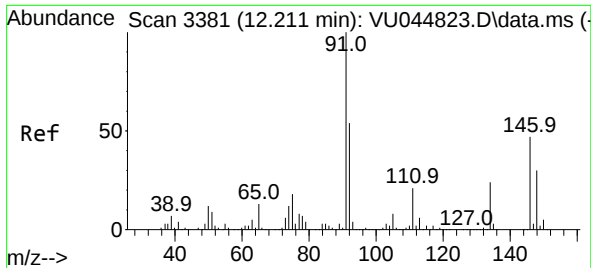
Tgt Ion: 75 Resp: 75063
Ion Ratio Lower Upper
75 100
77 1.1 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.256 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Tgt Ion: 75 Resp: 75063
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

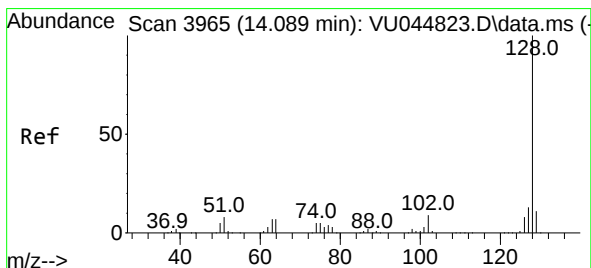
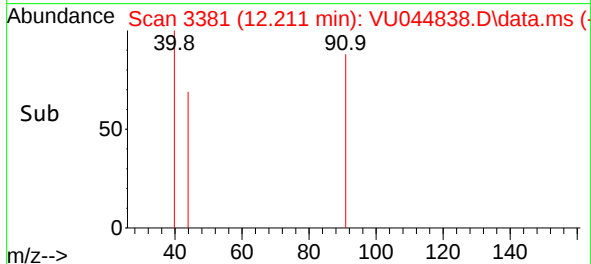
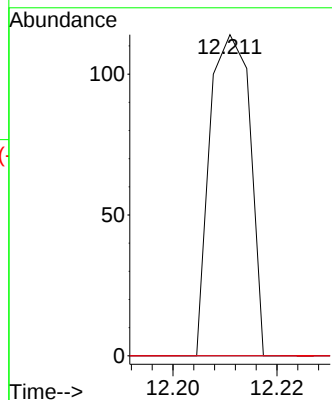
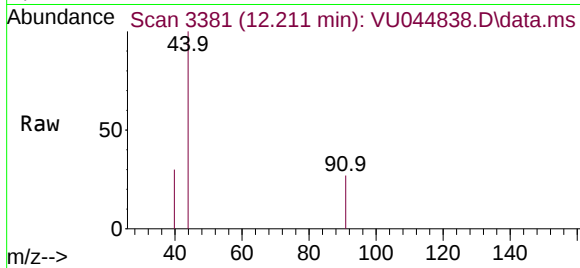




#89
n-Butylbenzene
Concen: 1.283 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:	91	Resp:	61
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.8	80.4#
134	0.0	11.8	35.4#



#95
Naphthalene
Concen: 1.020 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044838.D
Acq: 25 Sep 2021 15:47

Tgt Ion:	128	Resp:	793
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	13.0#

