

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044895.D
 Acq On : 27 Sep 2021 17:42
 Operator : SY/MD
 Sample : M3875-11ME
 Misc : 4.07g/5.0mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20883ME

Quant Time: Sep 27 18:52:05 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)

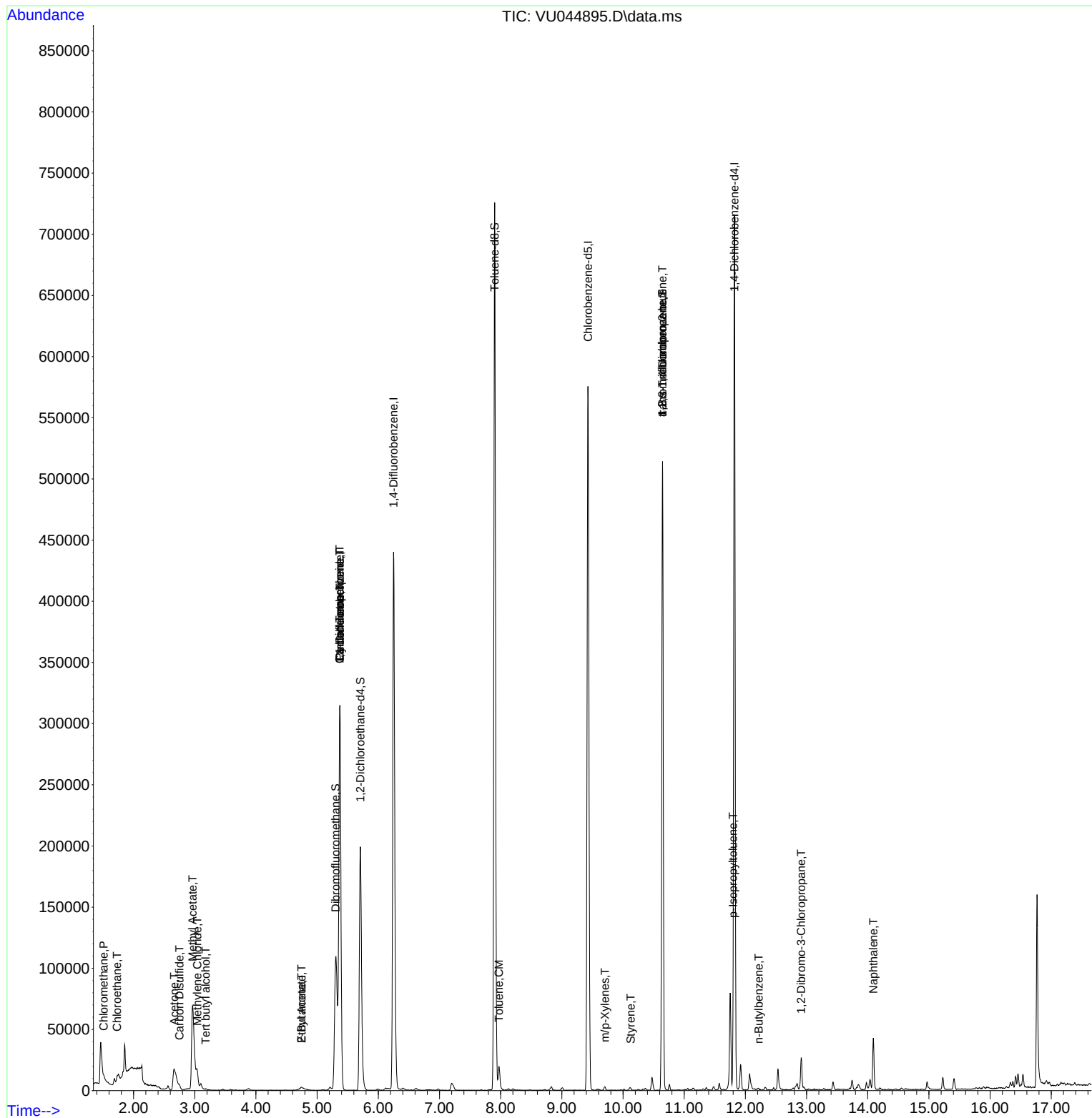
Internal Standards						
1) Pentafluorobenzene	5.372	168	226766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	404026	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	371805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	174432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	181731	45.919	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.840%	
35) Dibromofluoromethane	5.304	113	115087	41.522	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.040%	
50) Toluene-d8	7.902	98	509157	48.639	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.280%	
62) 4-Bromofluorobenzene	10.645	95	187052	48.109	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.220%	
Target Compounds					Qvalue	
3) Chloromethane	1.514	50	1594	0.387	ug/l	94
5) Bromomethane	1.829	94	887	Below Cal		100
6) Chloroethane	1.729	64	10584	3.757	ug/l #	55
11) Tert butyl alcohol	3.179	59	397	0.344	ug/l #	72
13) Acrolein	2.276	56	20	Below Cal	#	1
16) Acetone	2.665	43	45846	20.537	ug/l	99
17) Carbon Disulfide	2.752	76	2109	0.275	ug/l #	89
18) Methyl Acetate	2.964	43	144048	19.314	ug/l	99
20) Methylene Chloride	3.041	84	3984	1.102	ug/l	90
25) 2-Butanone	4.745	43	6396	1.888	ug/l #	85
31) Cyclohexane	5.372	56	5849	1.029	ug/l #	11
36) 1,1-Dichloropropene	5.369	75	21503	5.016	ug/l #	50
37) Ethyl Acetate	4.745	43	6396	1.017	ug/l #	69
38) Carbon Tetrachloride	5.369	117	23848	6.223	ug/l #	16
52) Toluene	7.973	92	8669	1.109	ug/l	100
68) m/p-Xylenes	9.706	106	1086	0.206	ug/l	85
70) Styrene	10.127	104	412	1.054	ug/l	99
76) 1,2,3-Trichloropropane	10.645	75	100683	19.061	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.645	75	100683	61.748	ug/l #	9
86) p-Isopropyltoluene	11.799	119	7556	0.710	ug/l	96
89) n-Butylbenzene	12.217	91	303	1.302	ug/l #	83
92) 1,2-Dibromo-3-Chloropr...	12.912	75	909	0.665	ug/l #	7
95) Naphthalene	14.092	128	32067	3.295	ug/l	99

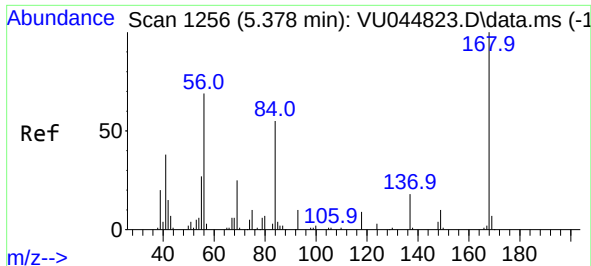
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

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Quant Time: Sep 27 18:52:05 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

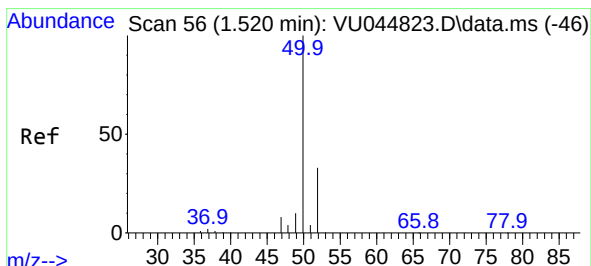
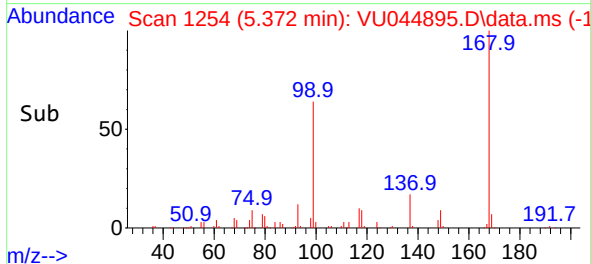
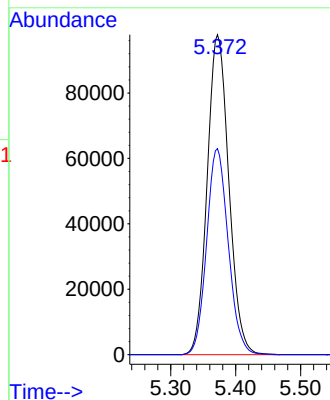
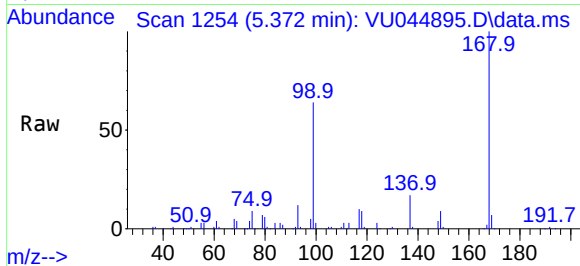




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

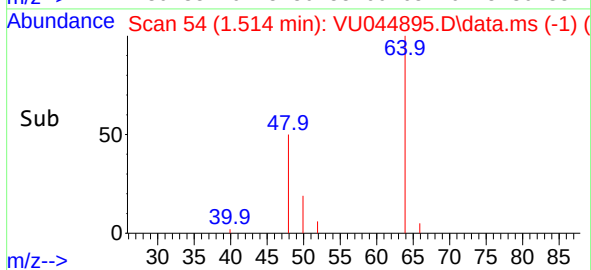
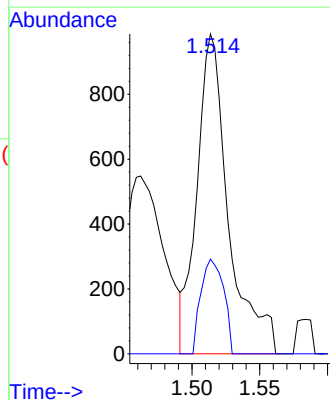
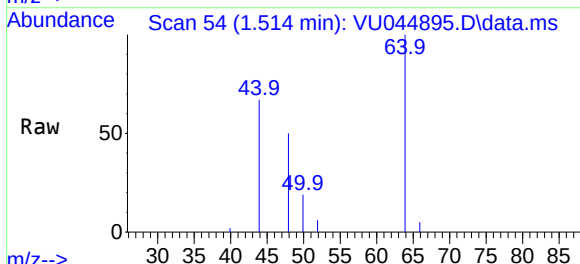
Instrument :
MSVOA_U
ClientSampleId :
20883ME

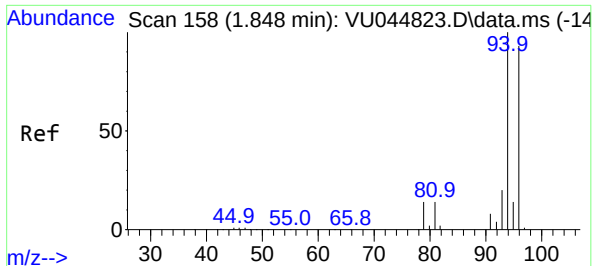
Tgt Ion:168 Resp: 226766
Ion Ratio Lower Upper
168 100
99 64.4 51.4 77.0



#3
Chloromethane
Concen: 0.387 ug/l
RT: 1.514 min Scan# 54
Delta R.T. -0.006 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Tgt Ion: 50 Resp: 1594
Ion Ratio Lower Upper
50 100
52 29.6 26.3 39.5

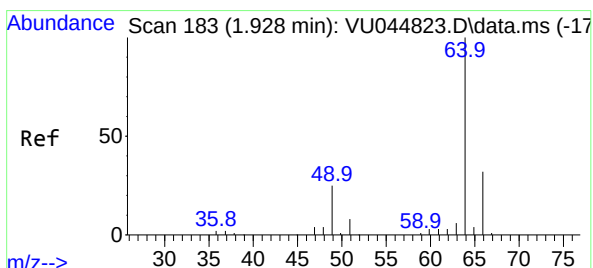
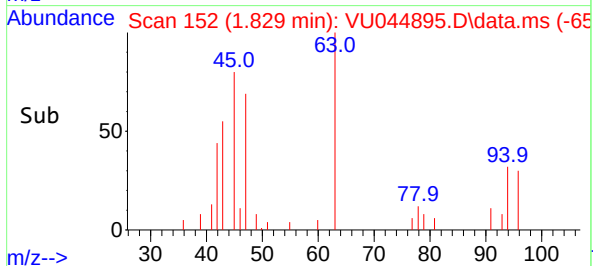
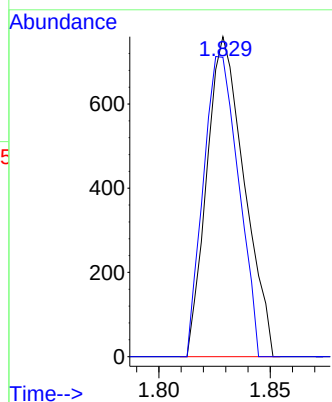
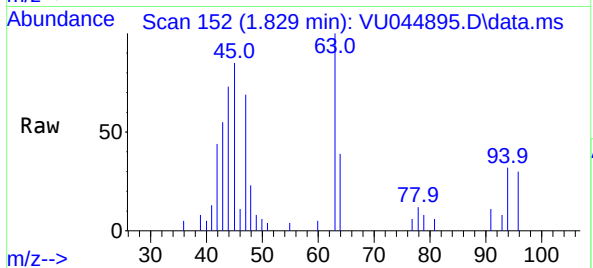




#5
Bromomethane
Concen: Below Cal
RT: 1.829 min Scan# 152
Delta R.T. -0.019 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

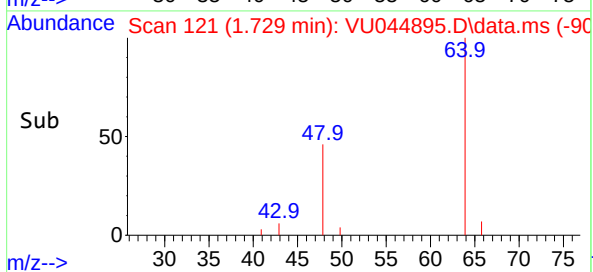
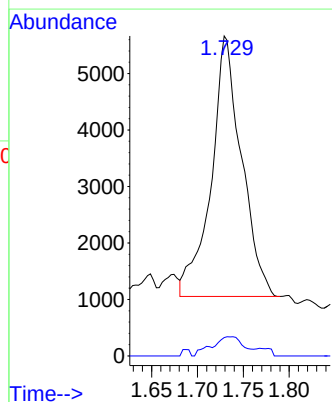
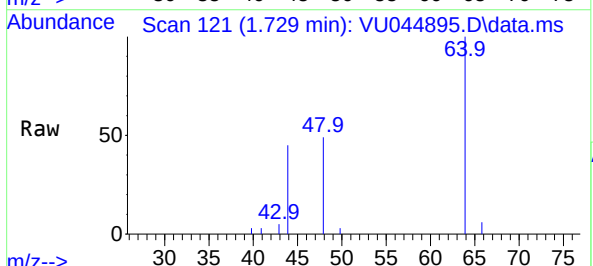
Instrument :
MSVOA_U
ClientSampleId :
20883ME

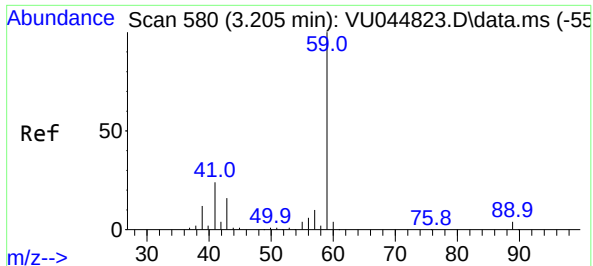
Tgt Ion: 94 Resp: 887
Ion Ratio Lower Upper
94 100
96 93.6 74.5 111.7



#6
Chloroethane
Concen: 3.757 ug/l
RT: 1.729 min Scan# 121
Delta R.T. -0.199 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Tgt Ion: 64 Resp: 10584
Ion Ratio Lower Upper
64 100
66 7.0 25.8 38.8#



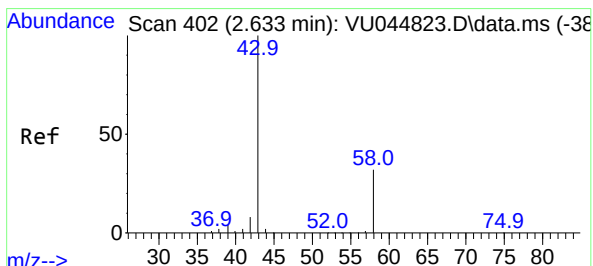
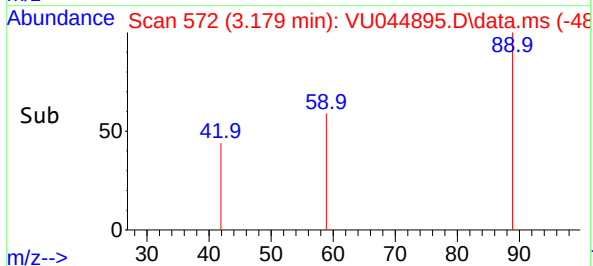
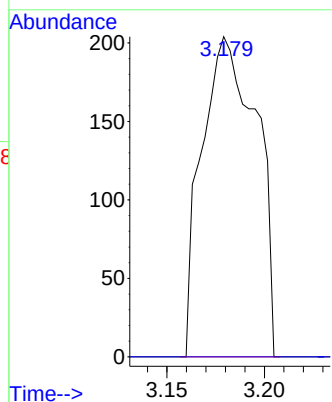
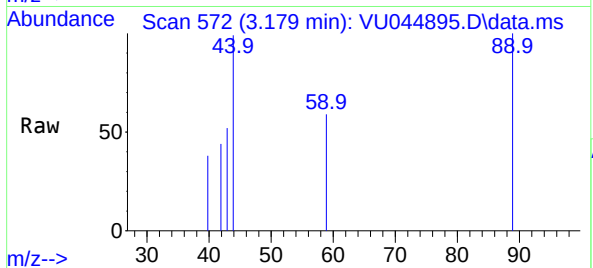


#11

Tert butyl alcohol
Concen: 0.344 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.026 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Instrument :
MSVOA_U
ClientSampleId :
20883ME

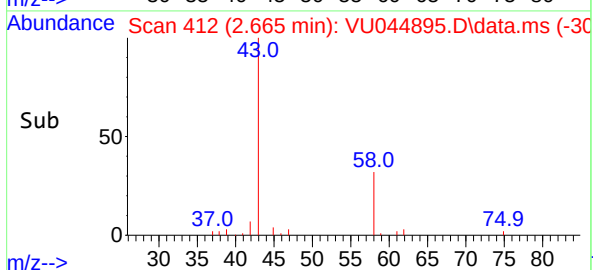
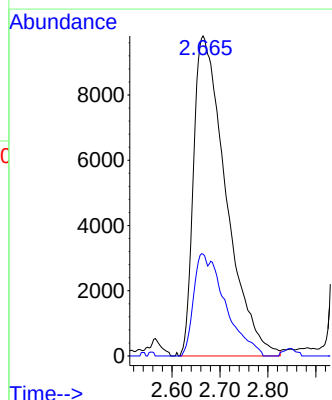
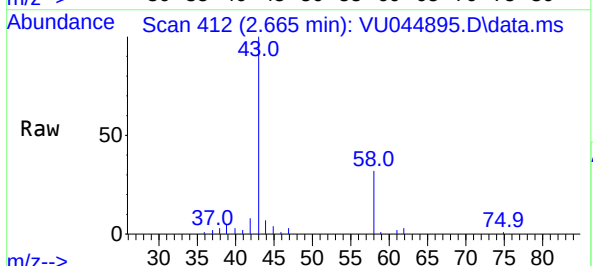
Tgt Ion: 59 Resp: 397
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

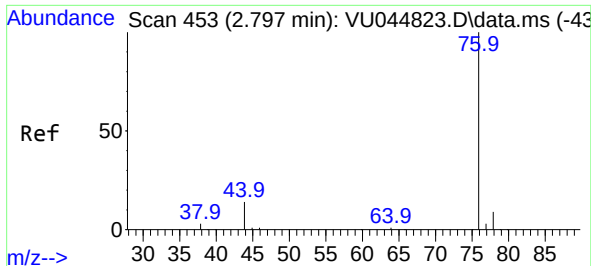


#16

Acetone
Concen: 20.537 ug/l
RT: 2.665 min Scan# 412
Delta R.T. 0.032 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Tgt Ion: 43 Resp: 45846
Ion Ratio Lower Upper
43 100
58 31.8 25.2 37.8

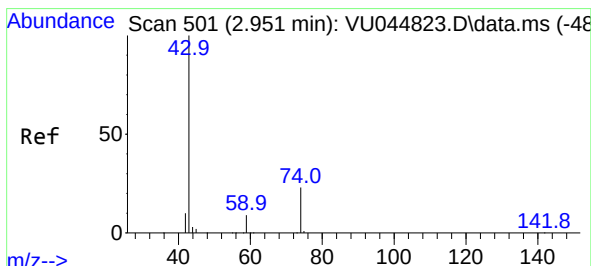
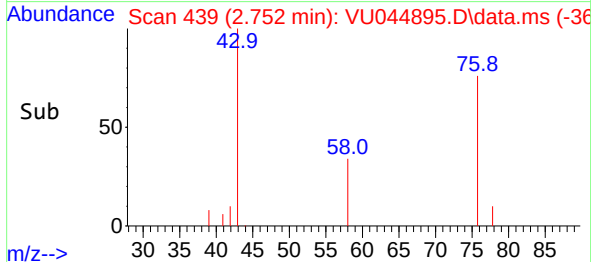
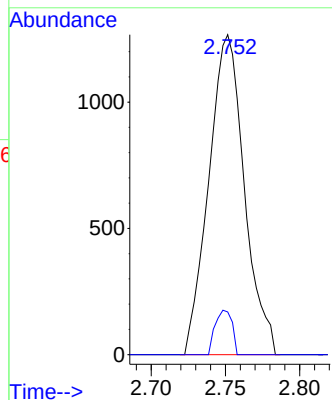
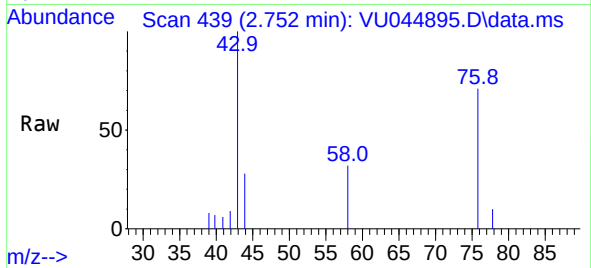




#17
Carbon Disulfide
Concen: 0.275 ug/l
RT: 2.752 min Scan# 439
Delta R.T. -0.045 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

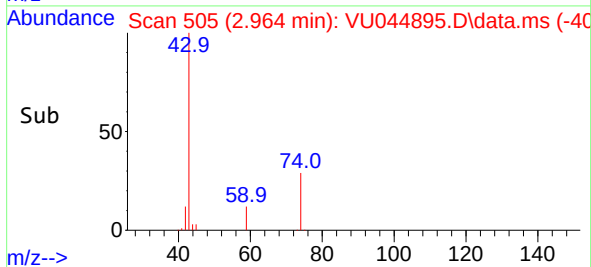
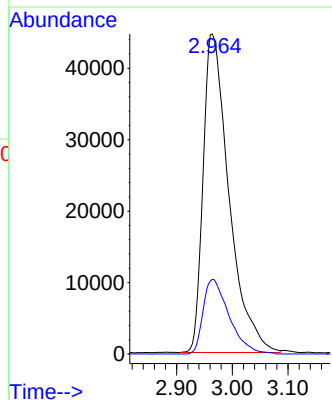
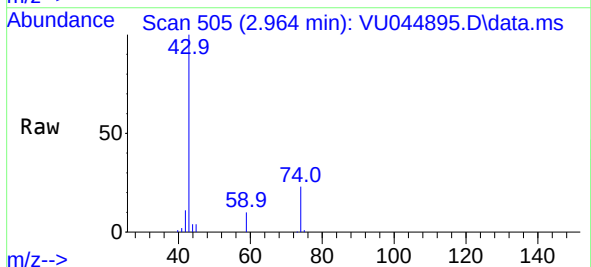
Instrument :
MSVOA_U
ClientSampled :
20883ME

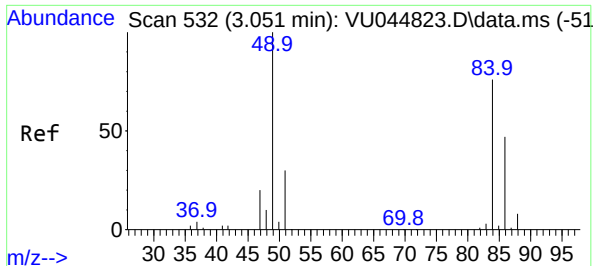
Tgt Ion: 76 Resp: 2109
Ion Ratio Lower Upper
76 100
78 13.3 7.4 11.0#



#18
Methyl Acetate
Concen: 19.314 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.013 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Tgt Ion: 43 Resp: 144048
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.6



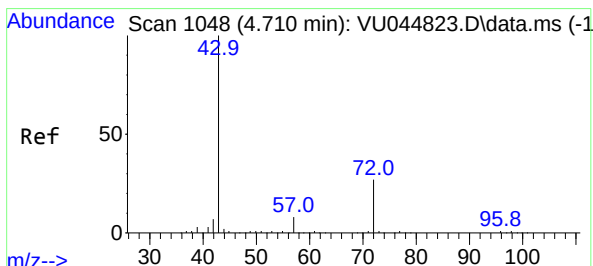
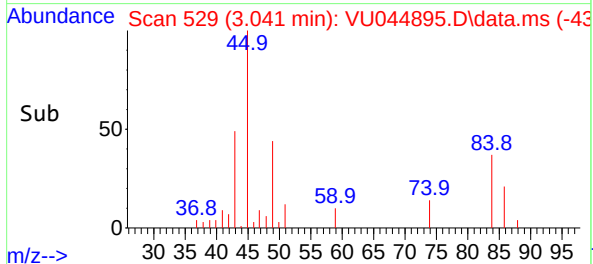
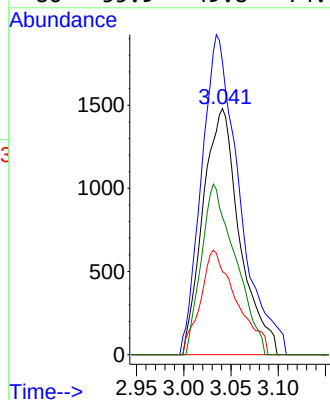
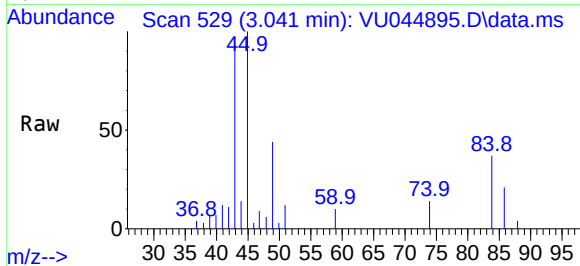


#20
Methylene Chloride
Concen: 1.102 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.010 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Instrument :
MSVOA_U
ClientSampleId :
20883ME

Tgt Ion: 84 Resp: 3984

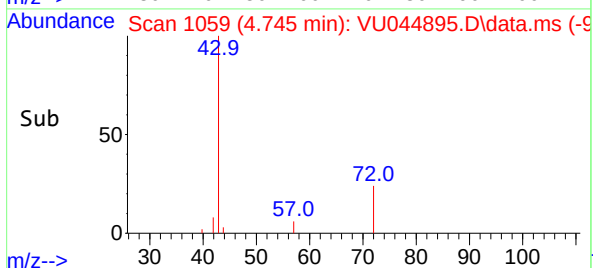
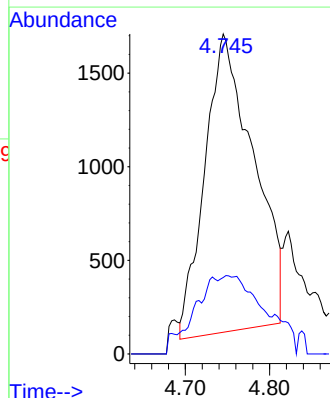
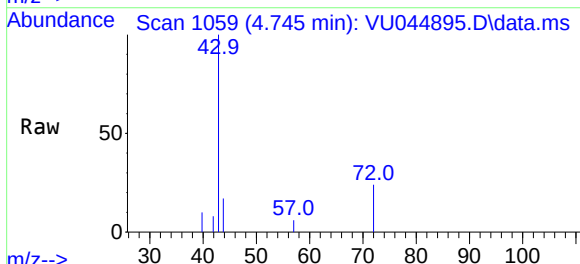
Ion	Ratio	Lower	Upper
84	100		
49	118.9	104.9	157.3
51	33.7	31.8	47.8
86	55.9	49.8	74.6

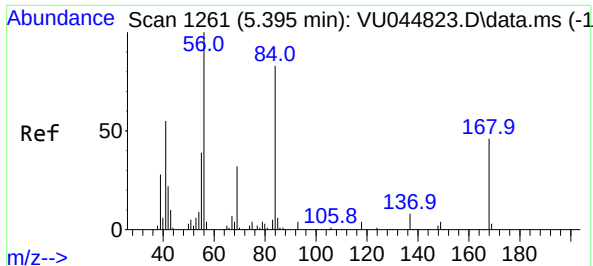


#25
2-Butanone
Concen: 1.888 ug/l
RT: 4.745 min Scan# 1059
Delta R.T. 0.035 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Tgt Ion: 43 Resp: 6396

Ion	Ratio	Lower	Upper
43	100		
72	19.0	21.3	31.9#

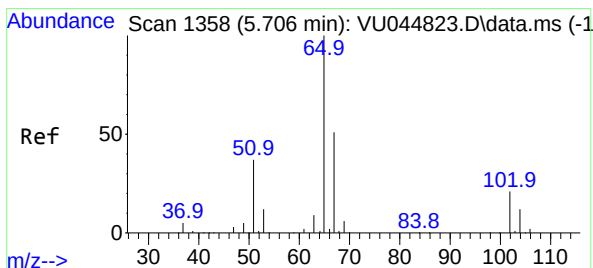
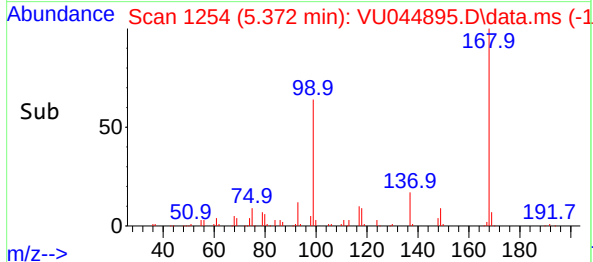
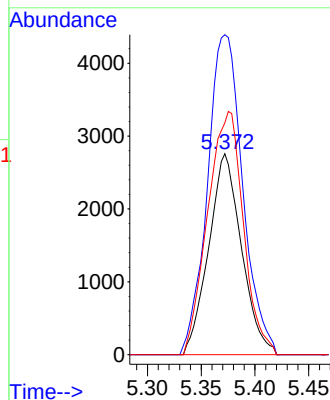
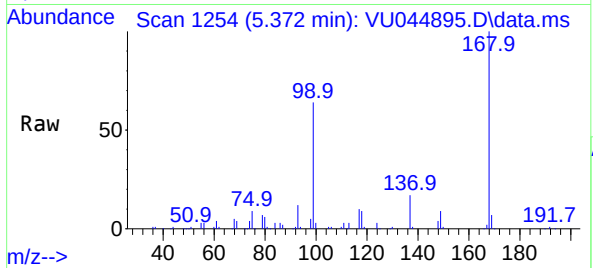




#31
Cyclohexane
Concen: 1.029 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.023 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

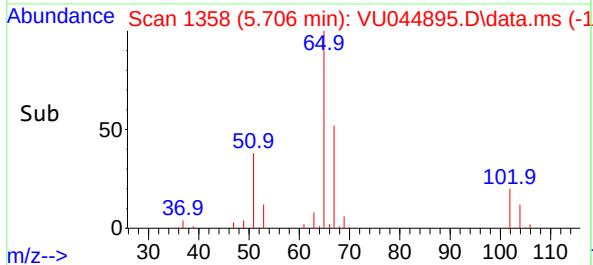
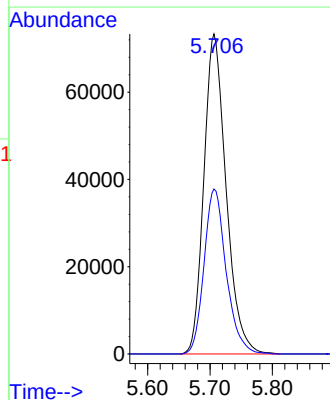
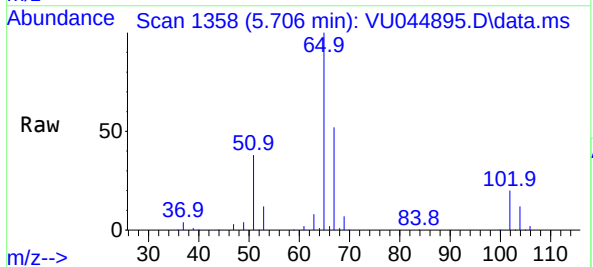
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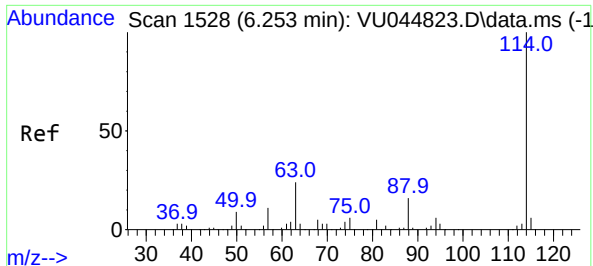
Tgt Ion: 56 Resp: 5849
Ion Ratio Lower Upper
56 100
69 159.2 25.2 37.8#
84 115.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 45.919 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Tgt Ion: 65 Resp: 181731
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8



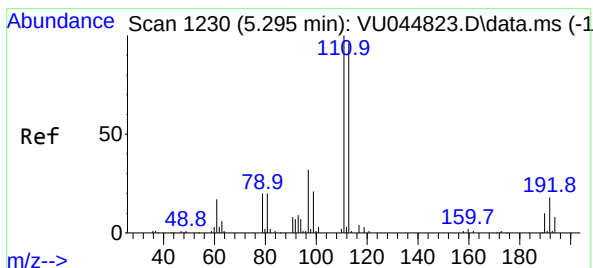
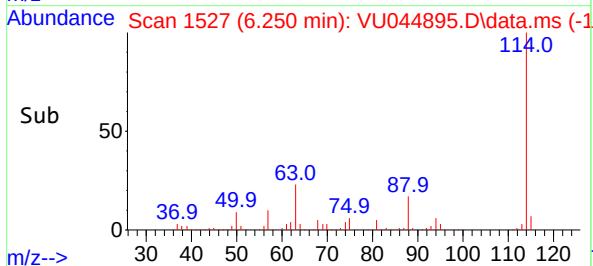
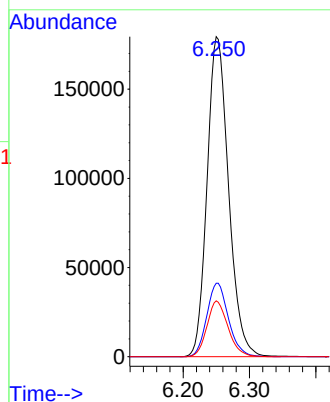
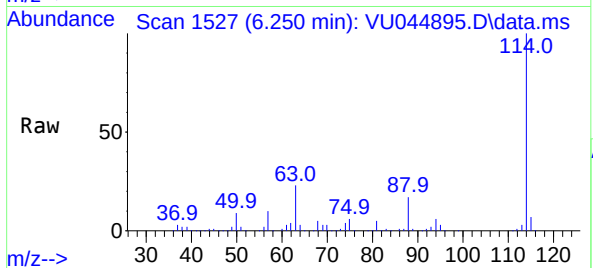


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Instrument :
MSVOA_U
ClientSampleId :
20883ME

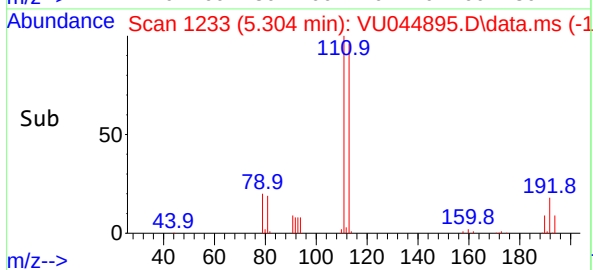
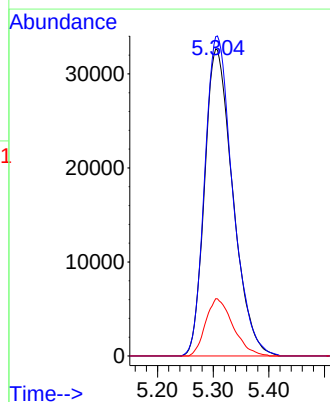
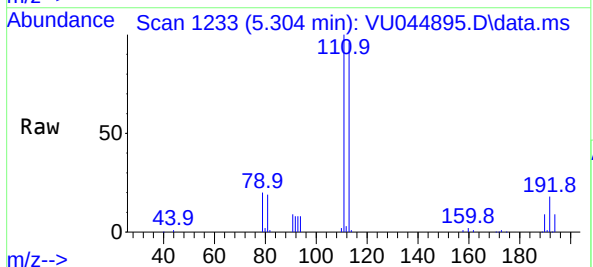
Tgt Ion:114 Resp: 404026
Ion Ratio Lower Upper
114 100
63 23.0 0.0 47.8
88 17.5 0.0 32.8

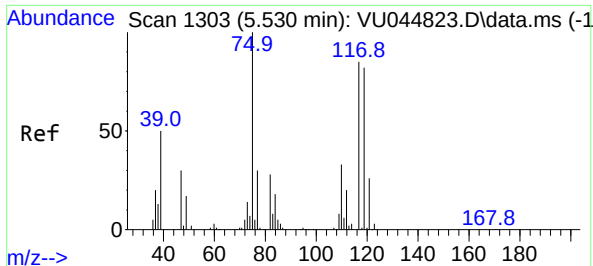


#35

Dibromofluoromethane
Concen: 41.522 ug/l
RT: 5.304 min Scan# 1233
Delta R.T. 0.010 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Tgt Ion:113 Resp: 115087
Ion Ratio Lower Upper
113 100
111 103.2 84.1 126.1
192 18.1 14.8 22.2



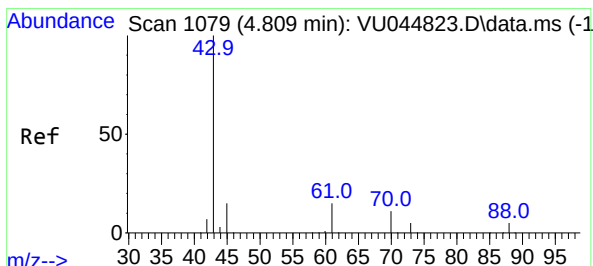
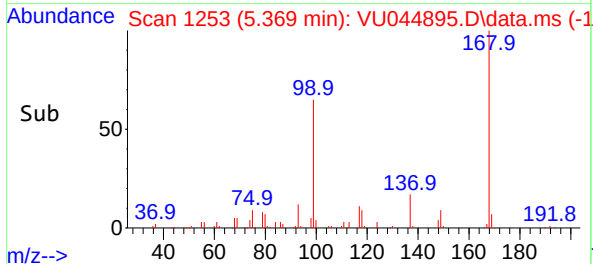
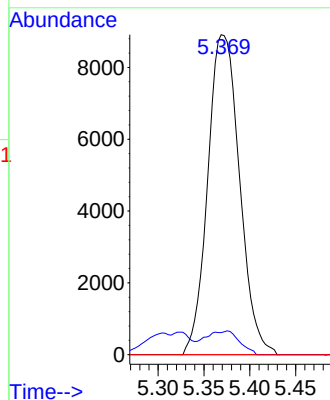
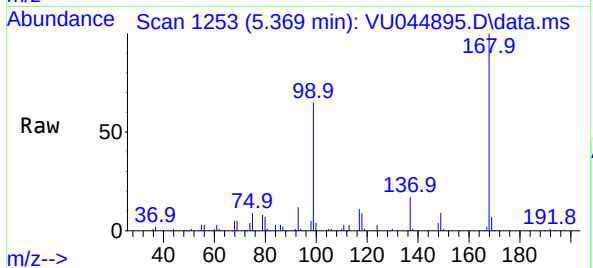


#36

1,1-Dichloropropene
Concen: 5.016 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.161 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Instrument :
MSVOA_U
ClientSampleId :
20883ME

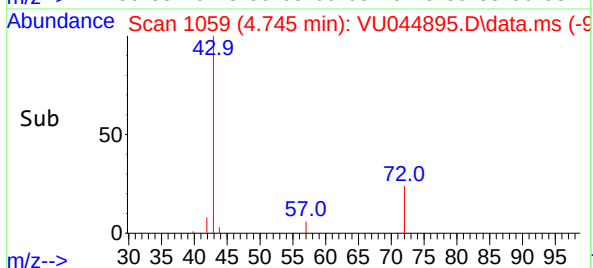
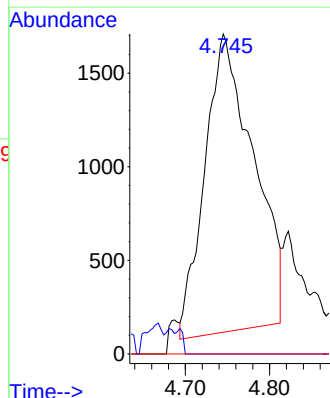
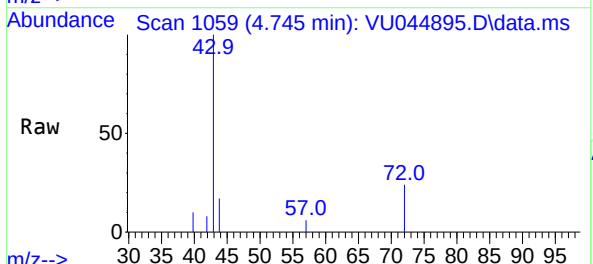
Tgt Ion:	75	Resp:	21503
Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.3	48.9#
77	0.0	25.0	37.4#

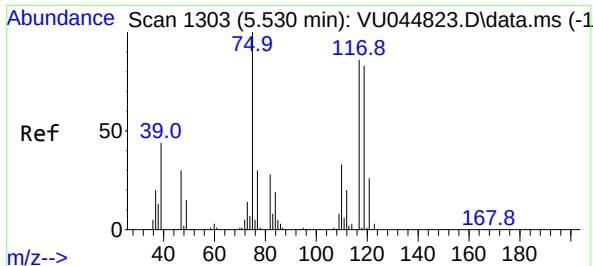


#37

Ethyl Acetate
Concen: 1.017 ug/l
RT: 4.745 min Scan# 1059
Delta R.T. -0.064 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

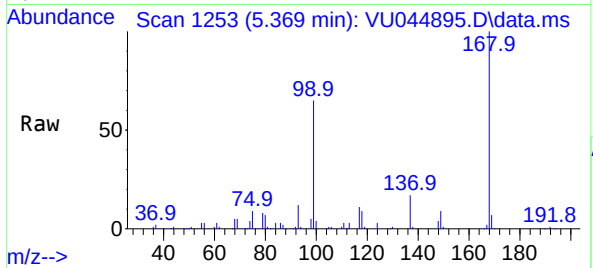
Tgt Ion:	43	Resp:	6396
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	8.2	12.4#



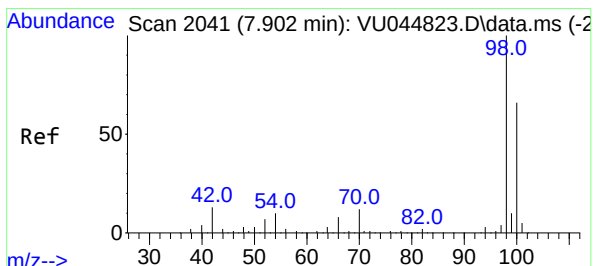
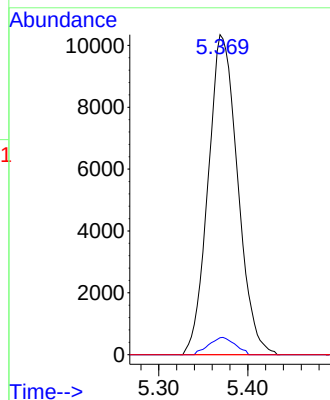
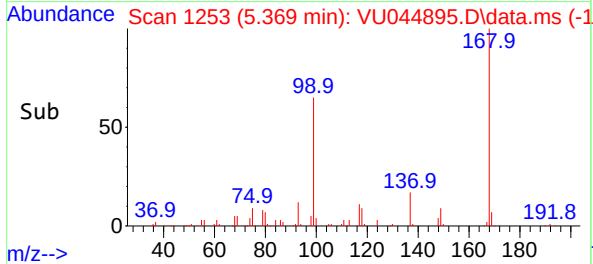


#38
Carbon Tetrachloride
Concen: 6.223 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.161 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

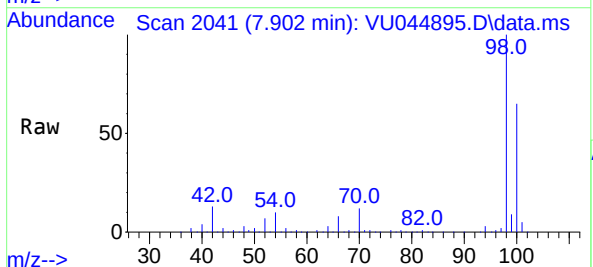
Instrument :
MSVOA_U
ClientSampled :
20883ME



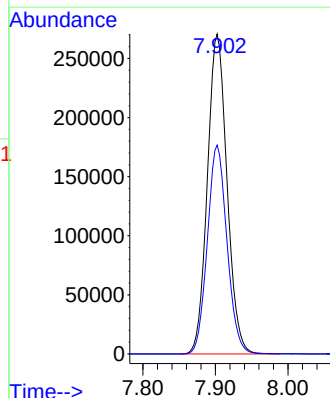
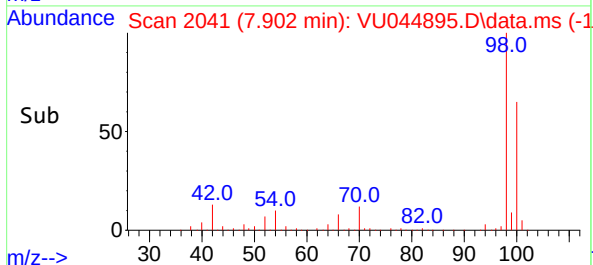
Tgt Ion:117 Resp: 23848
Ion Ratio Lower Upper
117 100
119 5.3 77.4 116.2#
121 0.0 24.5 36.7#

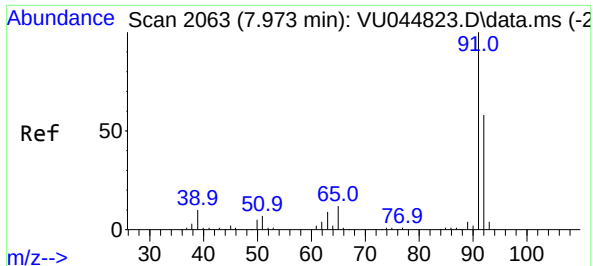


#50
Toluene-d8
Concen: 48.639 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42



Tgt Ion: 98 Resp: 509157
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





#52

Toluene

Concen: 1.109 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU044895.D

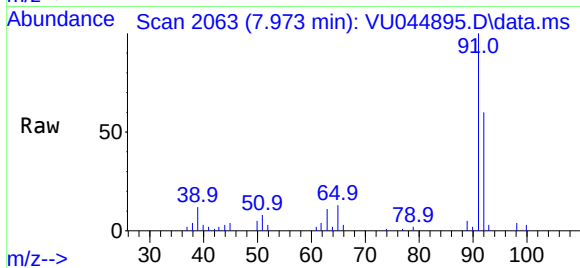
Acq: 27 Sep 2021 17:42

Tgt Ion: 92 Resp: 8669

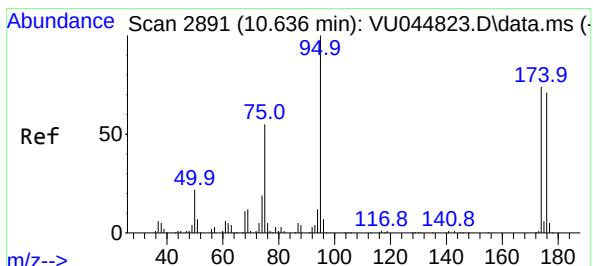
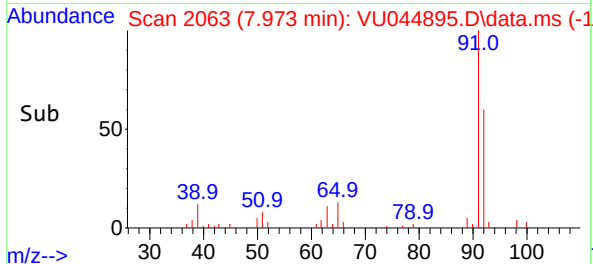
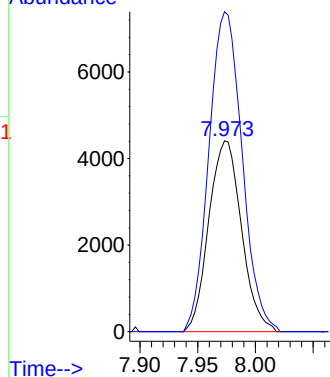
Ion Ratio Lower Upper

92 100

91 170.4 136.9 205.3



Abundance



#62

4-Bromofluorobenzene

Concen: 48.109 ug/l

RT: 10.645 min Scan# 2894

Delta R.T. 0.010 min

Lab File: VU044895.D

Acq: 27 Sep 2021 17:42

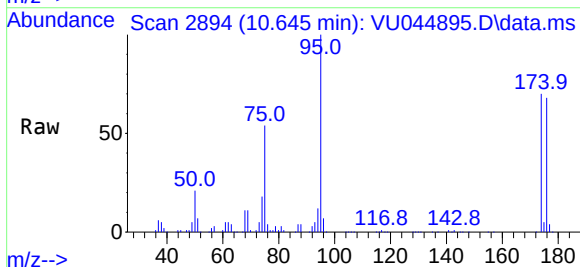
Tgt Ion: 95 Resp: 187052

Ion Ratio Lower Upper

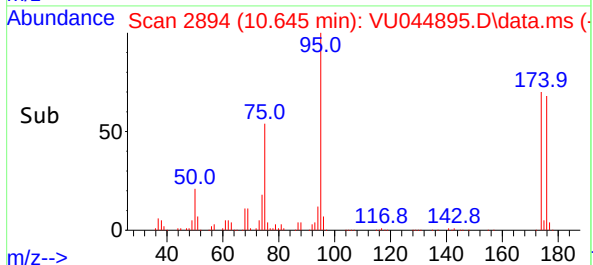
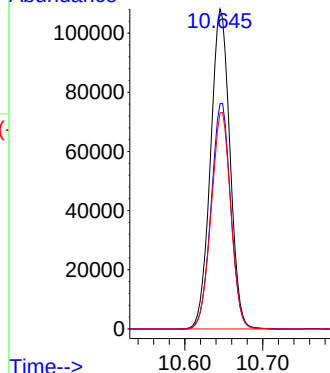
95 100

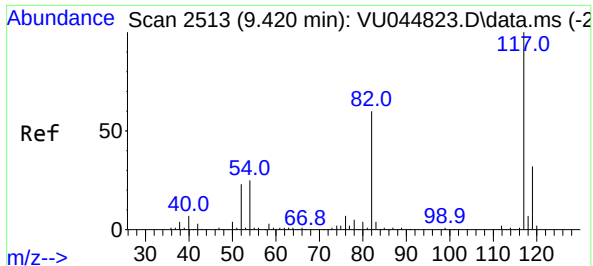
174 71.1 0.0 146.6

176 68.4 0.0 141.2



Abundance

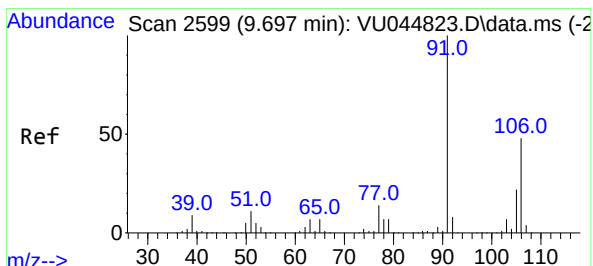
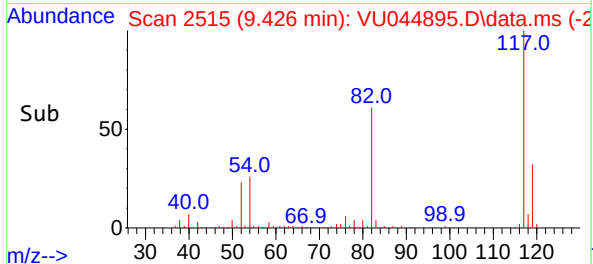
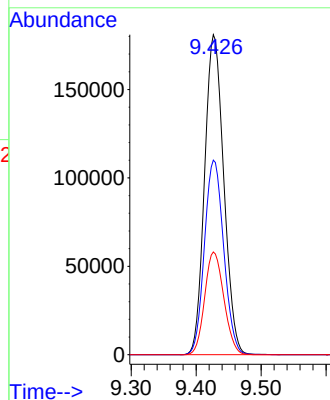
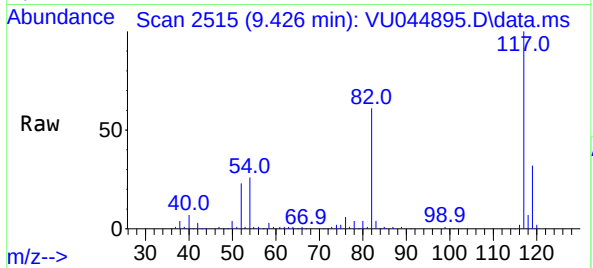




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. 0.006 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

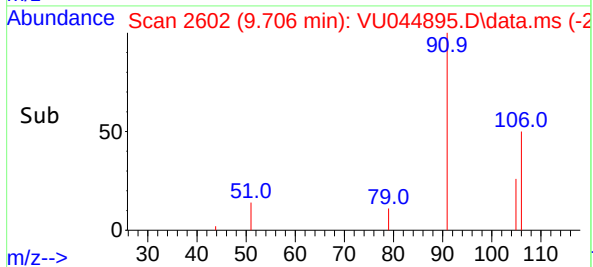
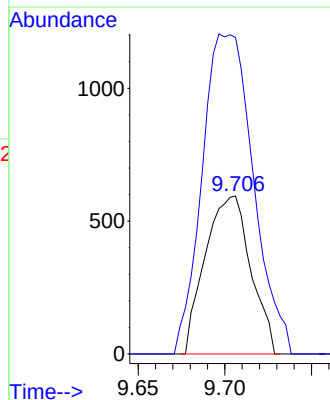
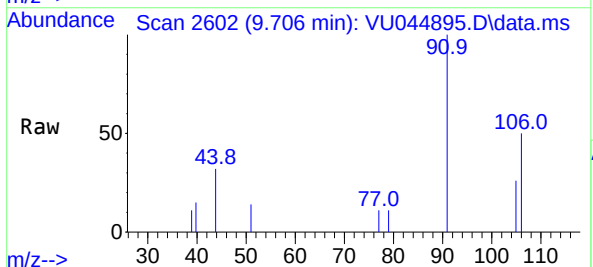
Instrument :
MSVOA_U
ClientSampled :
20883ME

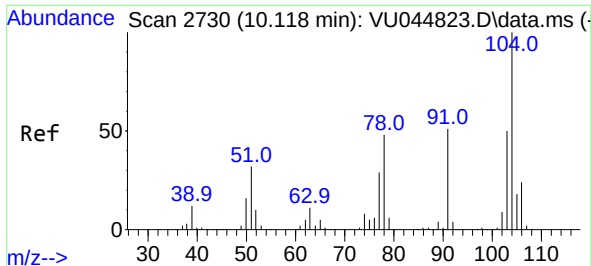
Tgt Ion:117 Resp: 371805
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 32.1 25.8 38.6



#68
m/p-Xylenes
Concen: 0.206 ug/l
RT: 9.706 min Scan# 2602
Delta R.T. 0.010 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Tgt Ion:106 Resp: 1086
Ion Ratio Lower Upper
106 100
91 227.8 164.2 246.2

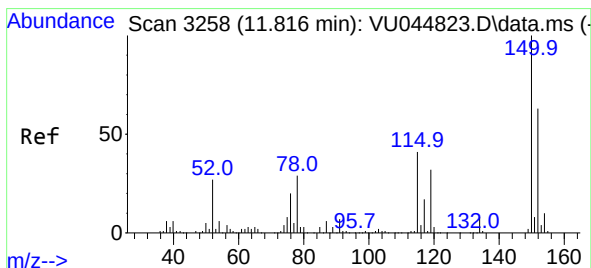
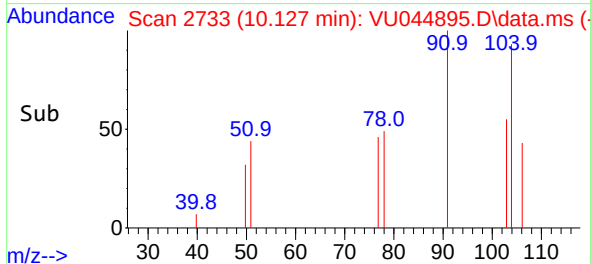
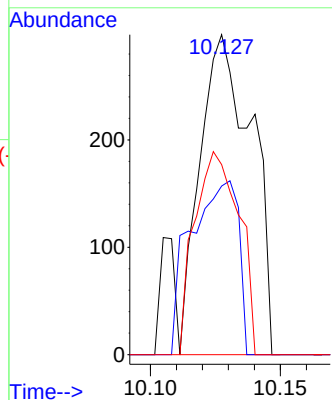
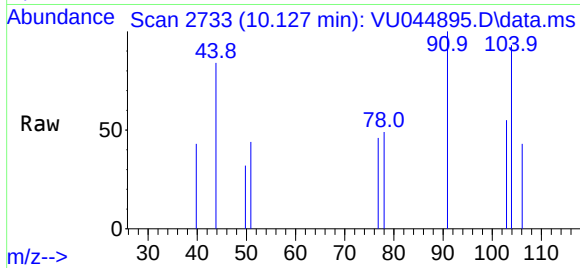




#70
Styrene
Concen: 1.054 ug/l
RT: 10.127 min Scan# 2733
Delta R.T. 0.009 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

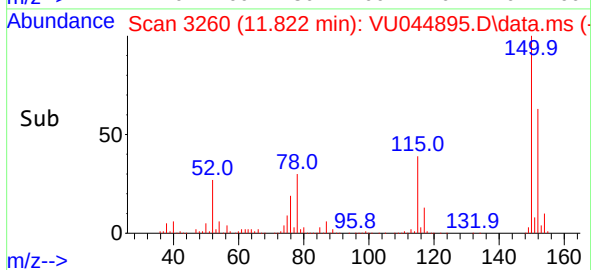
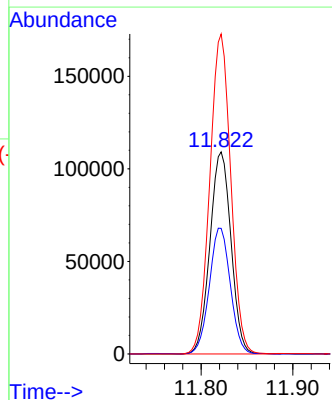
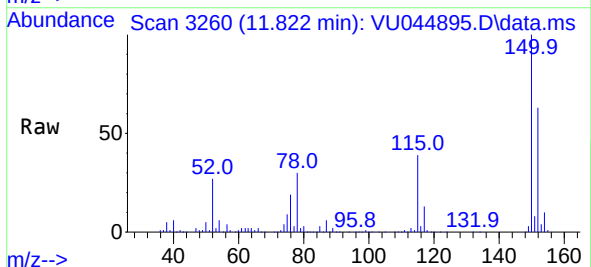
Instrument :
MSVOA_U
ClientSampleId :
20883ME

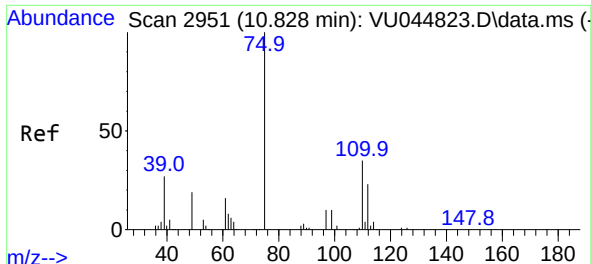
Tgt Ion:104	Resp:	412
Ion Ratio	Lower	Upper
104	100	
78	50.5	41.4 62.0
103	54.6	43.5 65.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.006 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Tgt Ion:152	Resp:	174432
Ion Ratio	Lower	Upper
152	100	
115	62.1	43.5 130.7
150	157.0	0.0 350.0

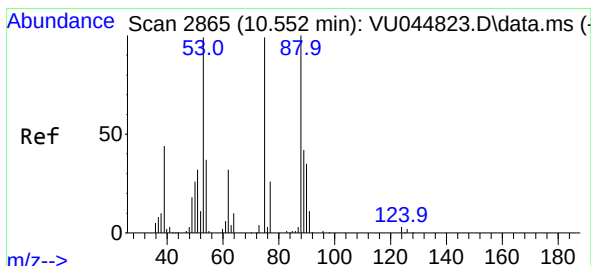
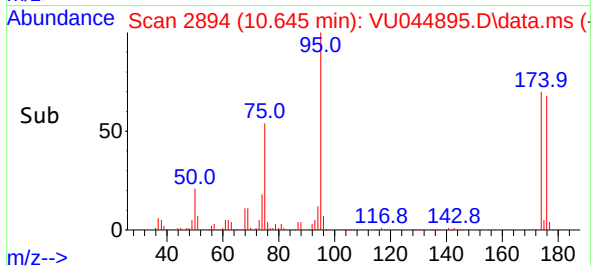
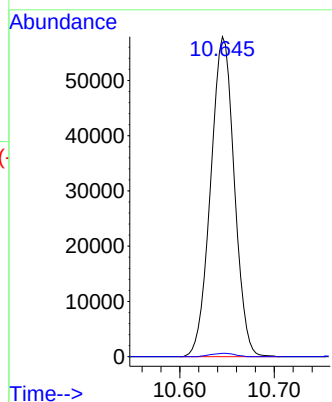
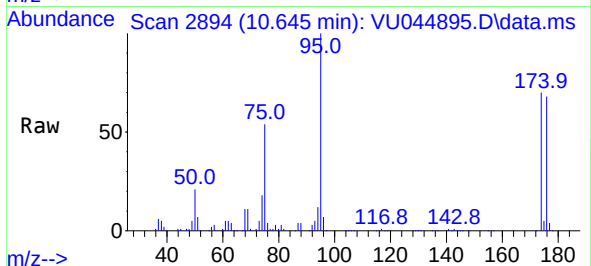




#76
1,2,3-Trichloropropane
Concen: 19.061 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. -0.183 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

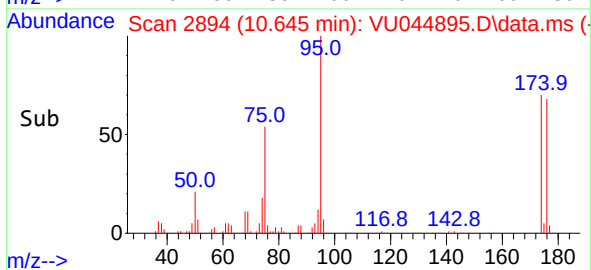
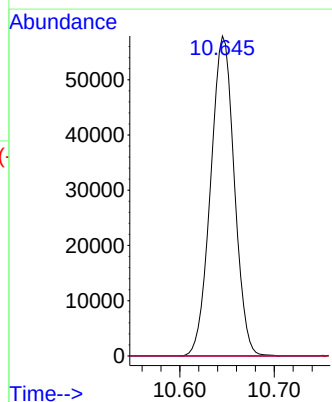
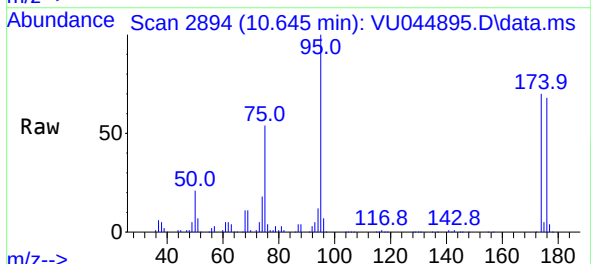
Instrument :
MSVOA_U
ClientSampled :
20883ME

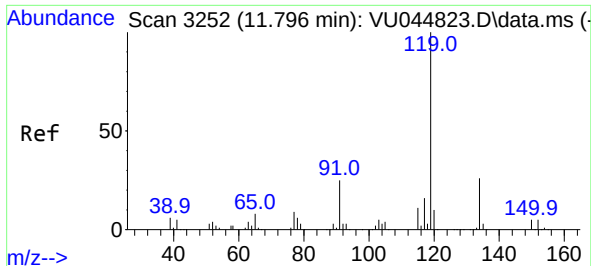
Tgt Ion: 75 Resp: 100683
Ion Ratio Lower Upper
75 100
77 1.1 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.748 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.093 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Tgt Ion: 75 Resp: 100683
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

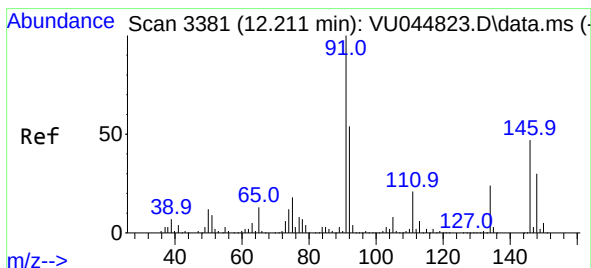
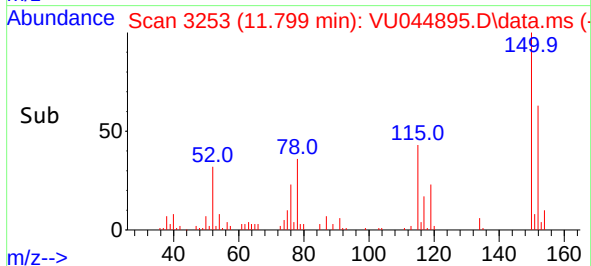
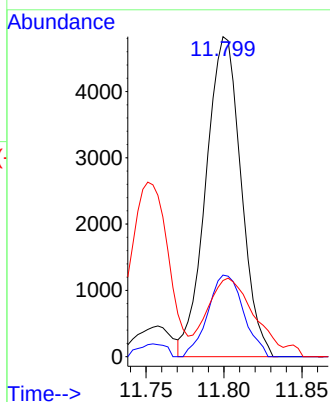
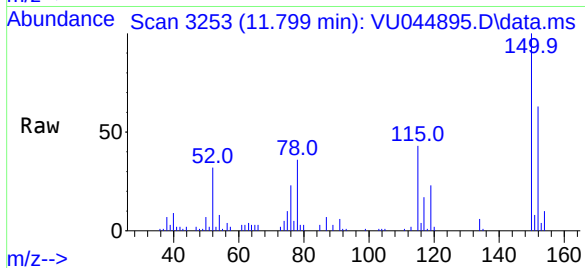




#86
p-Isopropyltoluene
Concen: 0.710 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. 0.003 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

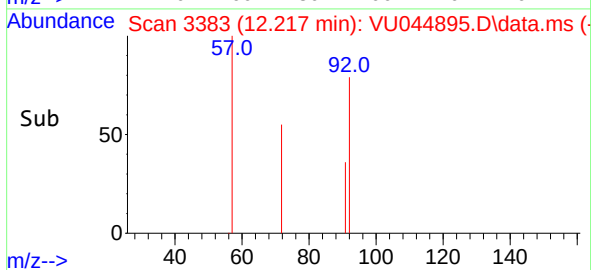
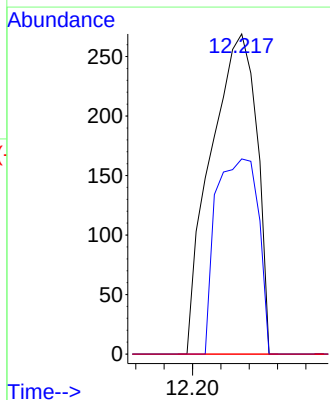
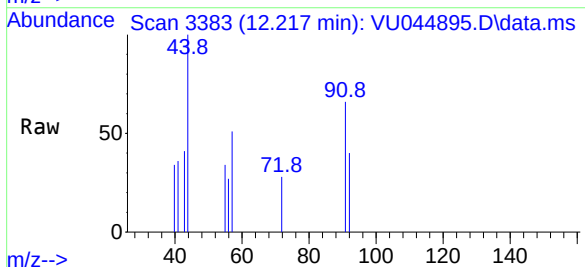
Instrument :
MSVOA_U
ClientSampleId :
20883ME

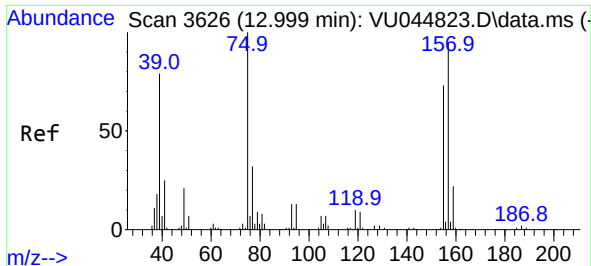
Tgt Ion:	119	Resp:	7556
Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.8	38.3
91	27.6	12.2	36.6



#89
n-Butylbenzene
Concen: 1.302 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.006 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

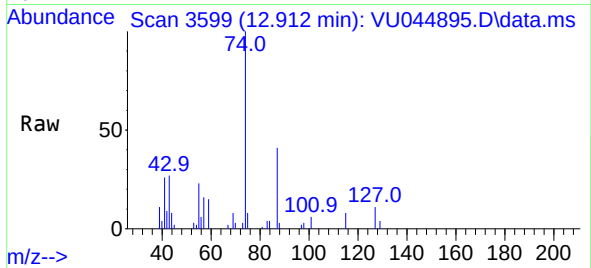
Tgt Ion:	91	Resp:	303
Ion	Ratio	Lower	Upper
91	100		
92	56.1	26.8	80.4
134	0.0	11.8	35.4#



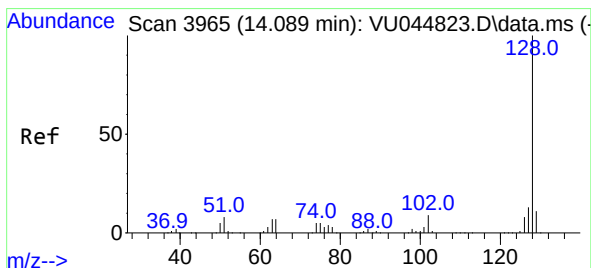
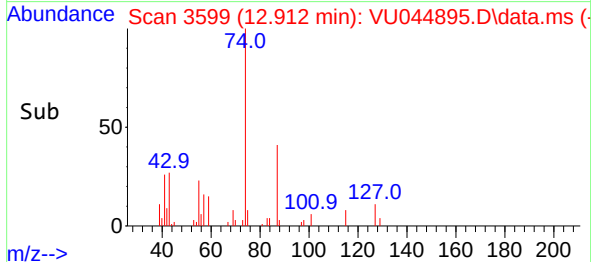
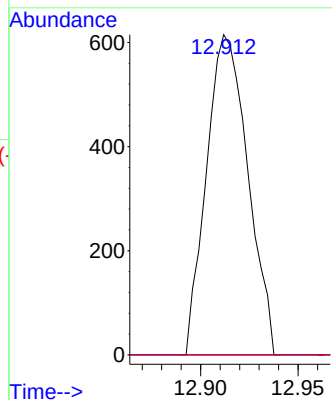


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.665 ug/l
RT: 12.912 min Scan# 3599
Delta R.T. -0.087 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Instrument :
MSVOA_U
ClientSampleId :
20883ME



Tgt Ion: 75 Resp: 909
Ion Ratio Lower Upper
75 100
155 0.0 36.9 110.6#
157 0.0 47.8 143.3#



#95
Naphthalene
Concen: 3.295 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044895.D
Acq: 27 Sep 2021 17:42

Tgt Ion:128 Resp: 32067
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.1 8.6 13.0

