

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044919.D
 Acq On : 28 Sep 2021 04:14
 Operator : SY/MD
 Sample : M3915-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB05-20210921

Quant Time: Sep 28 06:32:01 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)

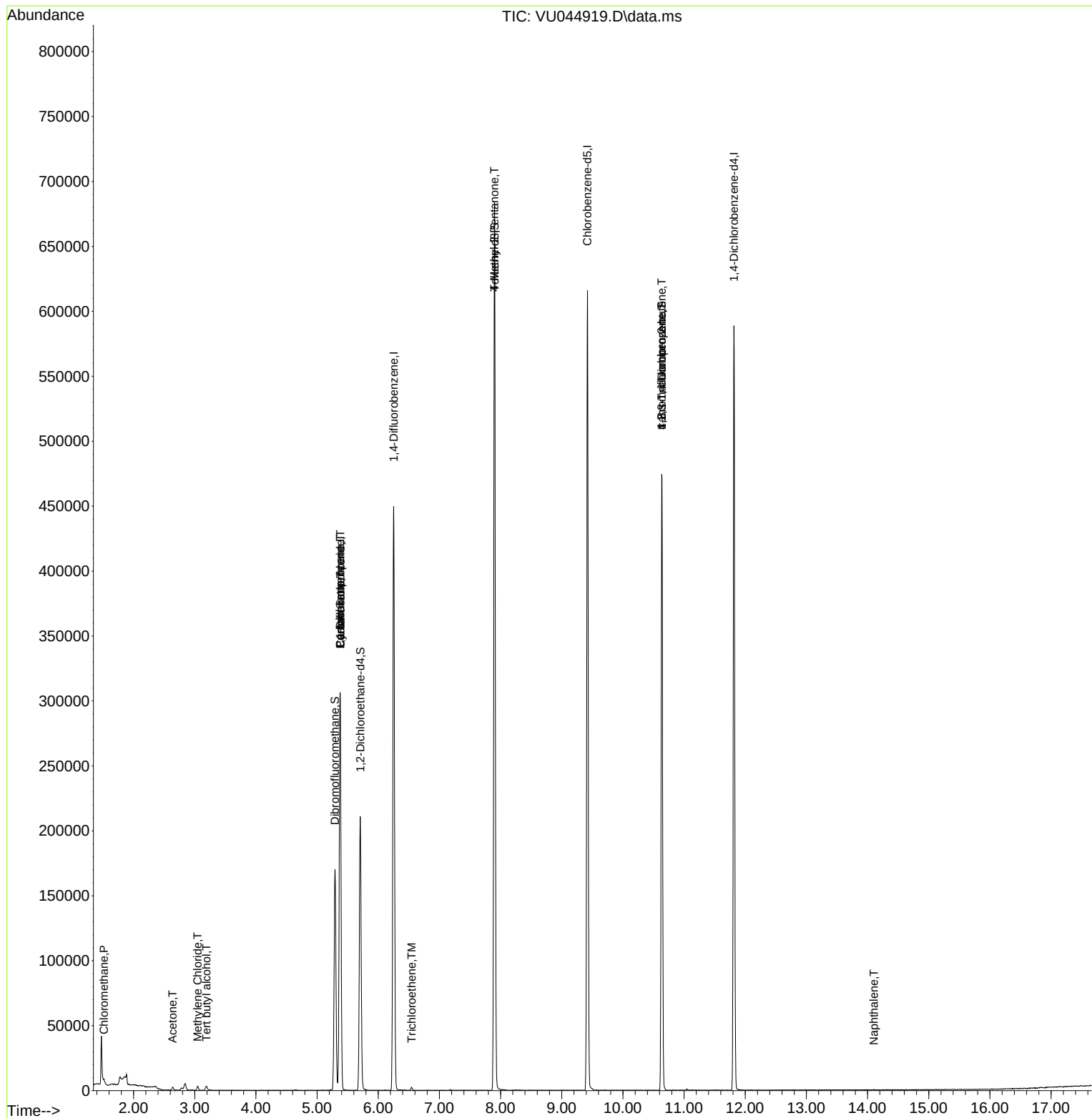
Internal Standards						
1) Pentafluorobenzene	5.379	168	200807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	351074	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	315507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	141361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	158136	45.122	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.240%	
35) Dibromofluoromethane	5.292	113	108672	45.122	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.240%	
50) Toluene-d8	7.903	98	440596	48.438	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.880%	
62) 4-Bromofluorobenzene	10.636	95	154338	45.683	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1257	0.344	ug/l	98
5) Bromomethane	1.845	94	515	Below Cal		94
11) Tert butyl alcohol	3.192	59	2221	2.171	ug/l #	72
16) Acetone	2.639	43	2729	1.380	ug/l #	86
20) Methylene Chloride	3.047	84	1461	0.457	ug/l #	94
31) Cyclohexane	5.379	56	5360	1.065	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	18561	4.983	ug/l #	50
38) Carbon Tetrachloride	5.379	117	21021	6.312	ug/l #	15
44) Trichloroethene	6.546	130	753	0.276	ug/l	91
51) 4-Methyl-2-Pentanone	7.899	43	2141	0.393	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	85276	19.921	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	85276	64.534	ug/l #	9
95) Naphthalene	14.102	128	497	0.988	ug/l #	69

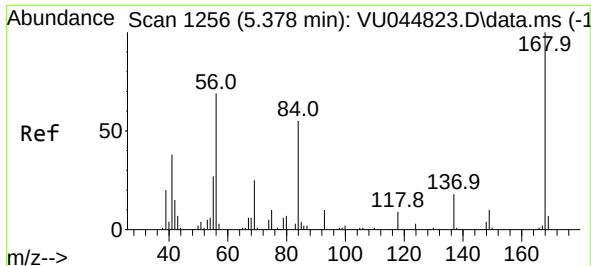
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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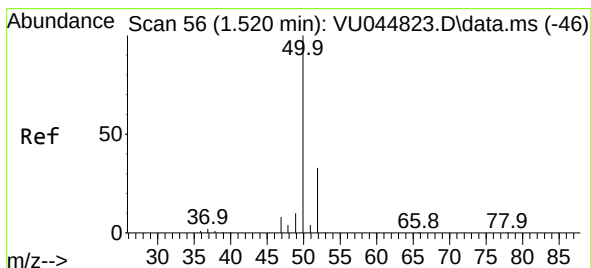
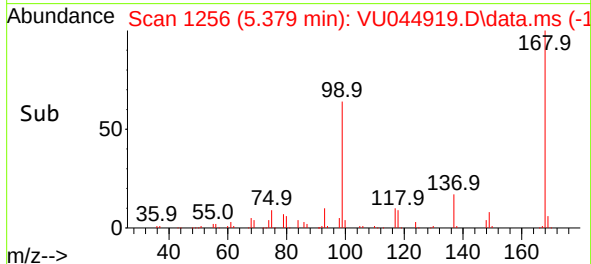
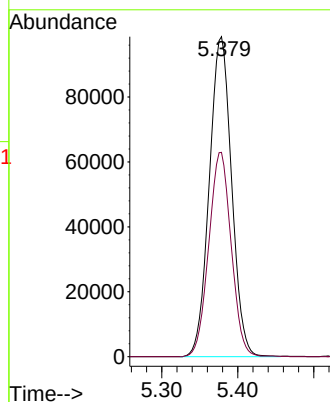
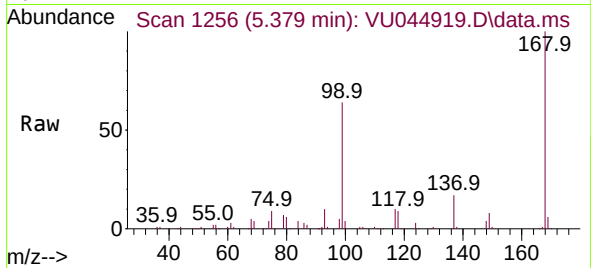




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.001 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

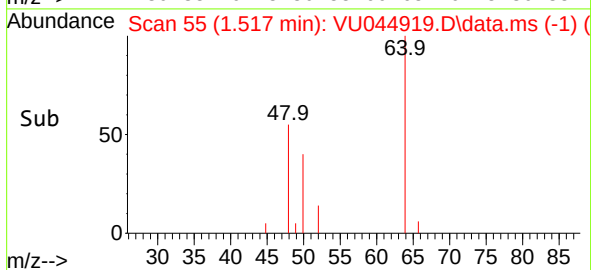
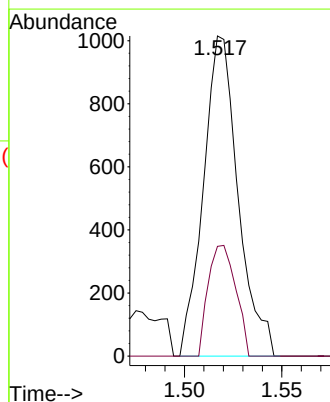
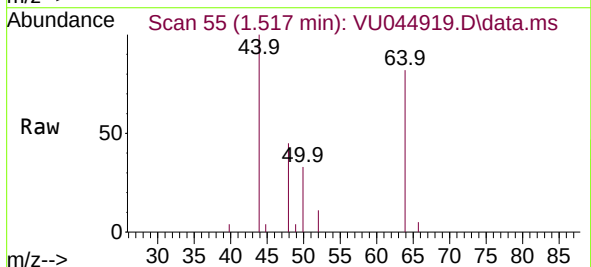
Instrument :
MSVOA_U
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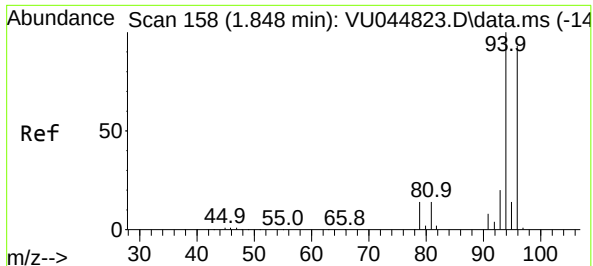
Tgt Ion:168 Resp: 200807
Ion Ratio Lower Upper
168 100
99 63.9 51.4 77.0



#3
Chloromethane
Concen: 0.344 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

Tgt Ion: 50 Resp: 1257
Ion Ratio Lower Upper
50 100
52 34.3 26.3 39.5

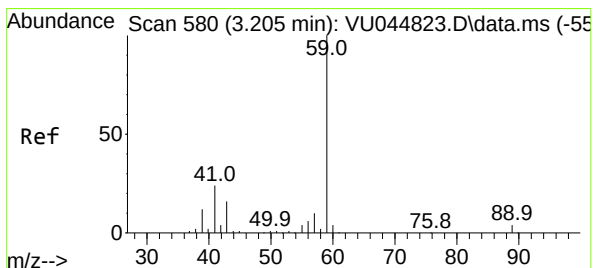
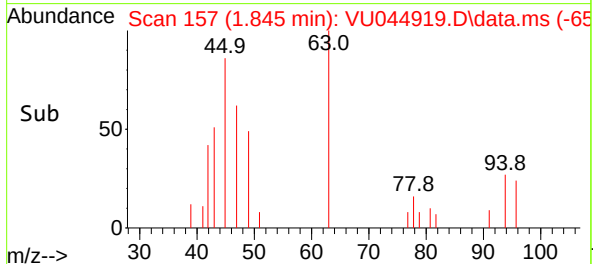
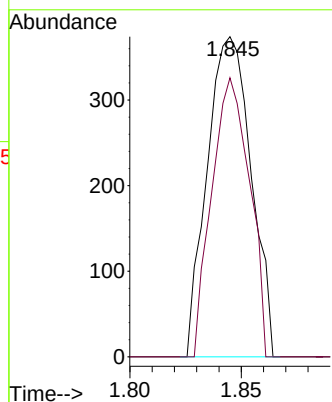
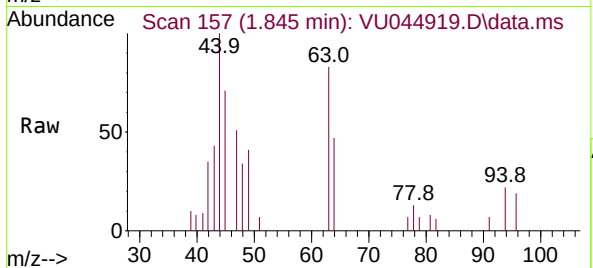




#5
Bromomethane
Concen: Below Cal
RT: 1.845 min Scan# 157
Delta R.T. -0.003 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

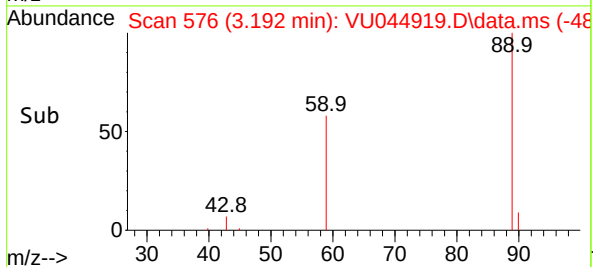
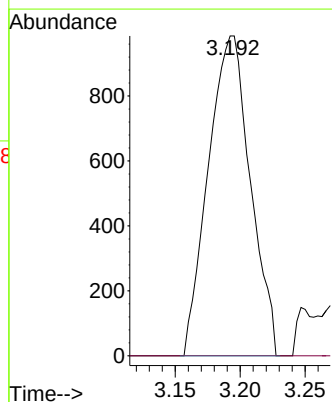
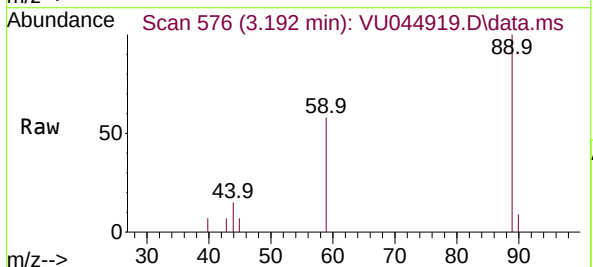
Instrument :
MSVOA_U
ClientSampleId :
TB05-20210921

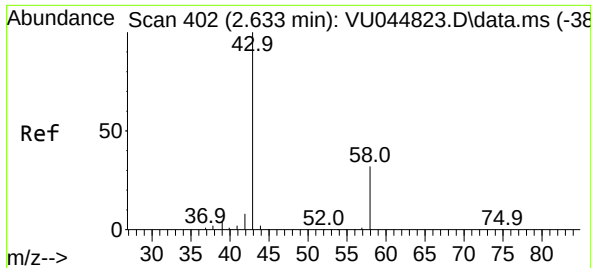
Tgt Ion: 94 Resp: 515
Ion Ratio Lower Upper
94 100
96 87.2 74.5 111.7



#11
Tert butyl alcohol
Concen: 2.171 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.013 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

Tgt Ion: 59 Resp: 2221
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

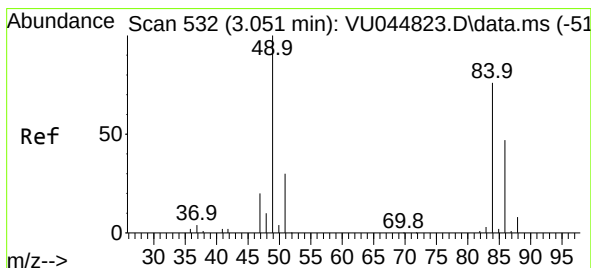
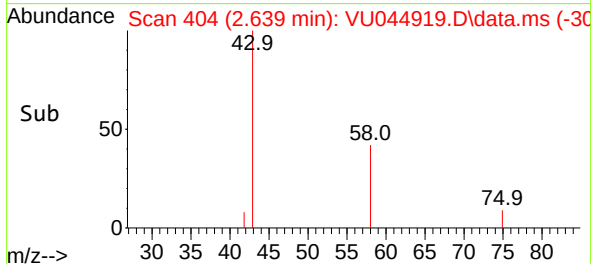
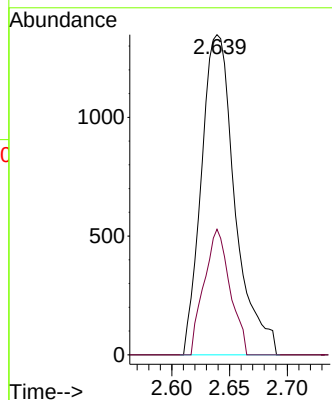
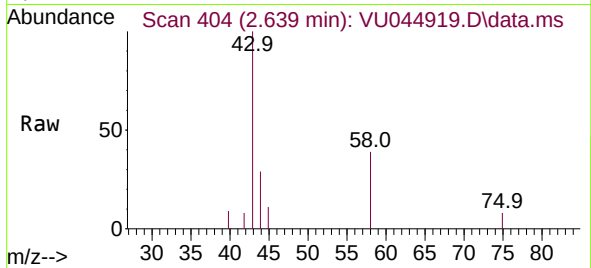




#16
Acetone
Concen: 1.380 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.006 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

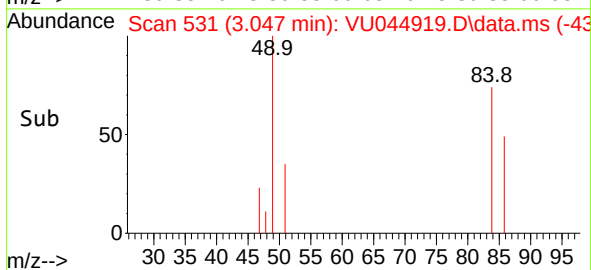
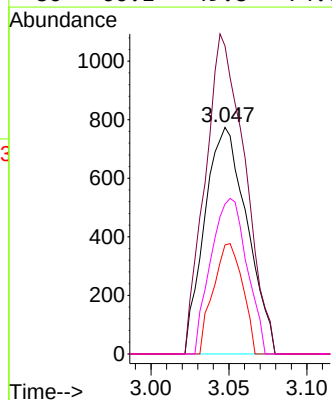
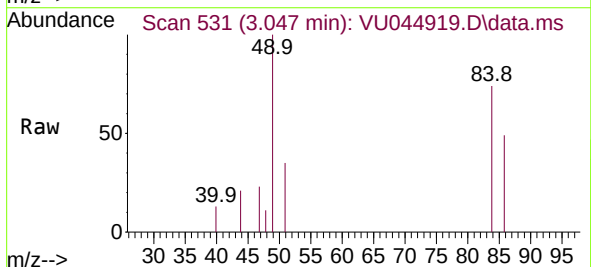
Instrument :
MSVOA_U
ClientSampleId :
TB05-20210921

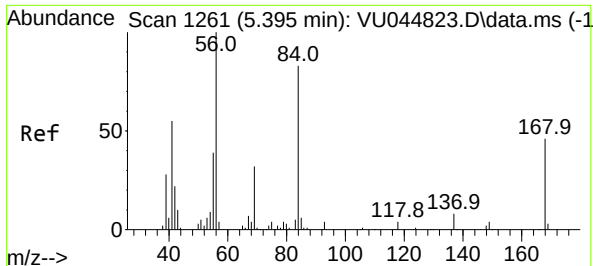
Tgt Ion: 43 Resp: 2729
Ion Ratio Lower Upper
43 100
58 39.2 25.2 37.8#



#20
Methylene Chloride
Concen: 0.457 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

Tgt Ion: 84 Resp: 1461
Ion Ratio Lower Upper
84 100
49 135.9 104.9 157.3
51 48.1 31.8 47.8#
86 66.1 49.8 74.6

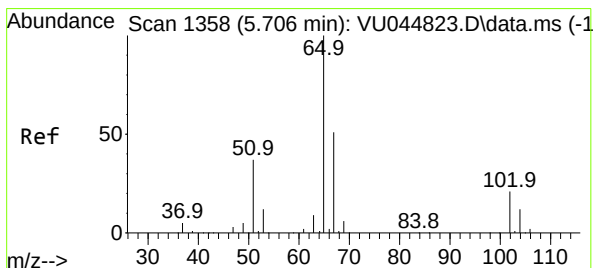
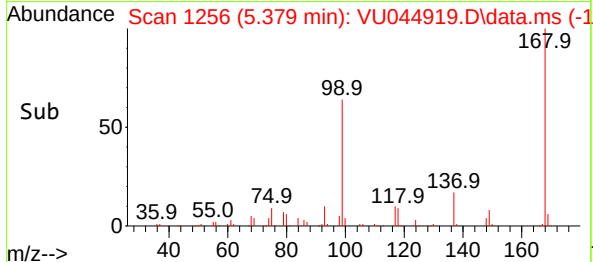
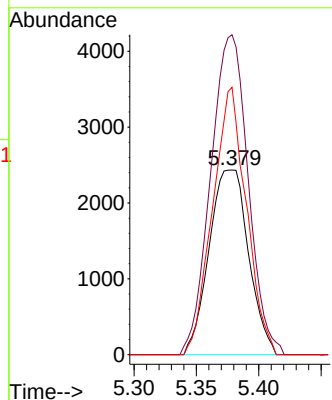
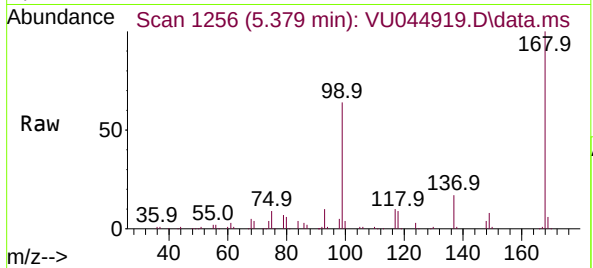




#31
Cyclohexane
Concen: 1.065 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

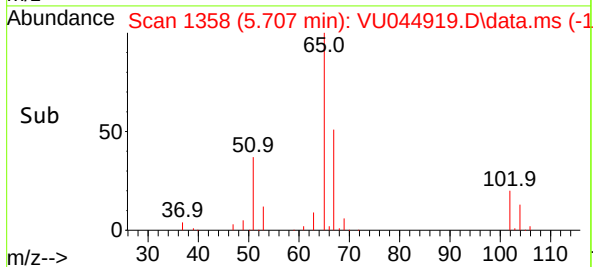
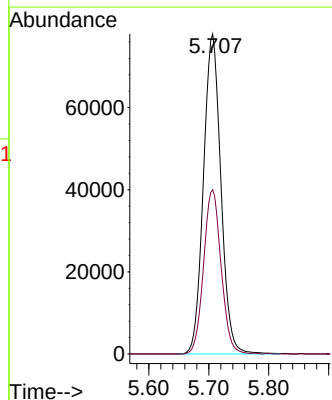
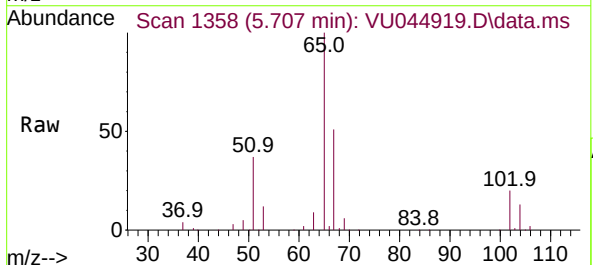
Instrument :
MSVOA_U
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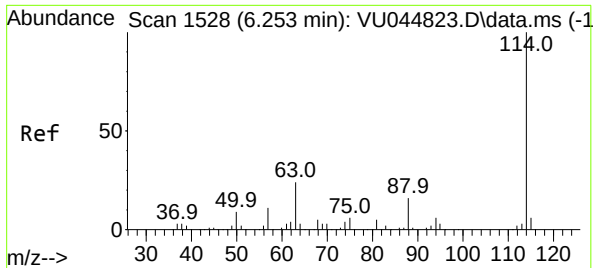
Tgt Ion: 56 Resp: 5360
Ion Ratio Lower Upper
56 100
69 173.3 25.2 37.8#
84 144.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 45.122 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

Tgt Ion: 65 Resp: 158136
Ion Ratio Lower Upper
65 100
67 51.3 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: VU044919.D

Acq: 28 Sep 2021 04:14

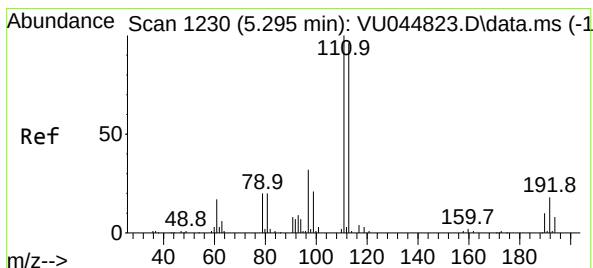
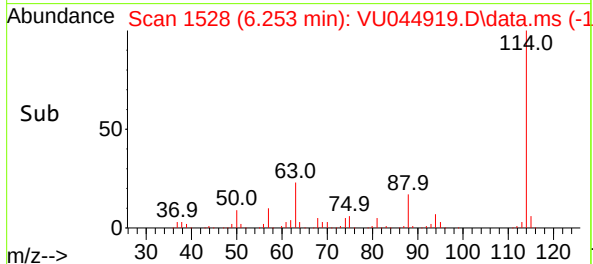
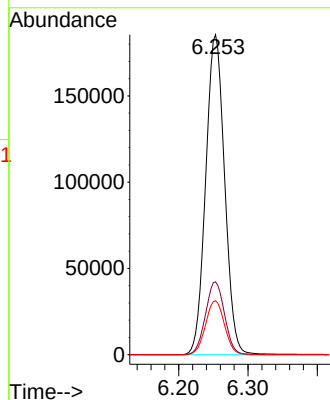
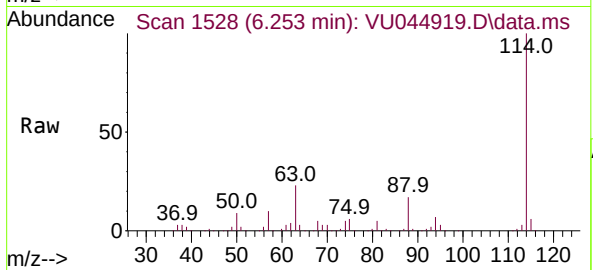
Tgt Ion:114 Resp: 351074

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.8

88 16.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.122 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.003 min

Lab File: VU044919.D

Acq: 28 Sep 2021 04:14

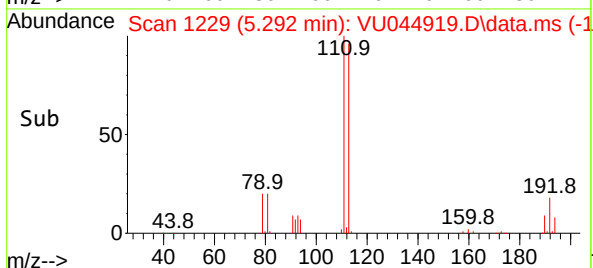
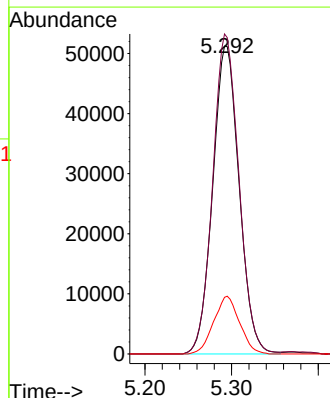
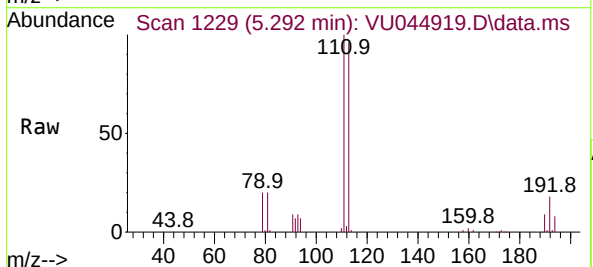
Tgt Ion:113 Resp: 108672

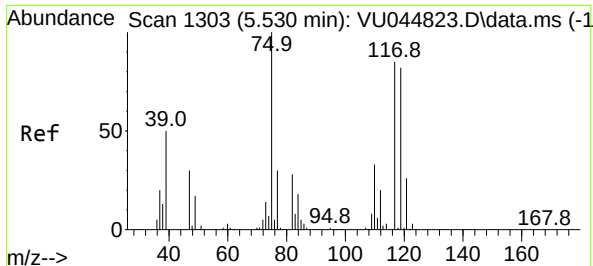
Ion Ratio Lower Upper

113 100

111 102.9 84.1 126.1

192 18.4 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.983 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU044919.D

Acq: 28 Sep 2021 04:14

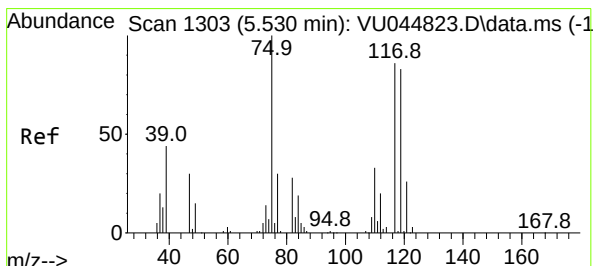
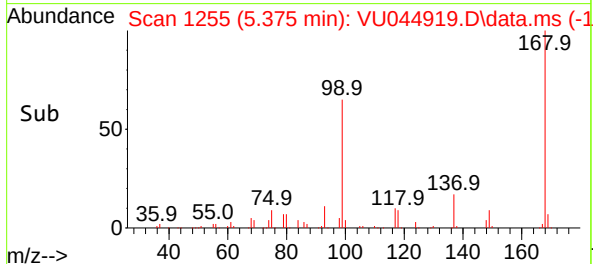
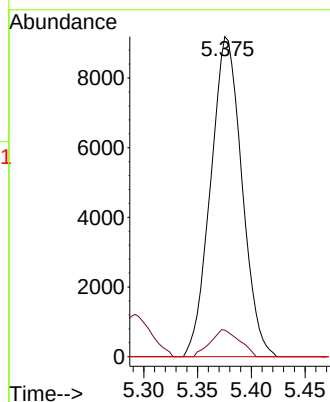
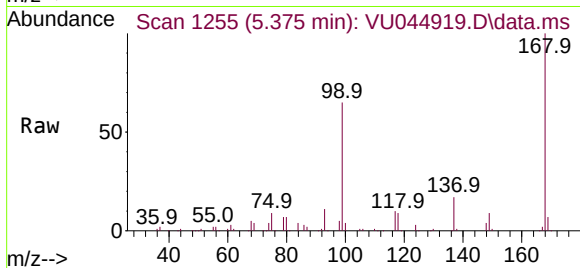
Instrument :

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Tgt Ion:	75	Resp:	18561
Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.3	48.9#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 6.312 ug/l

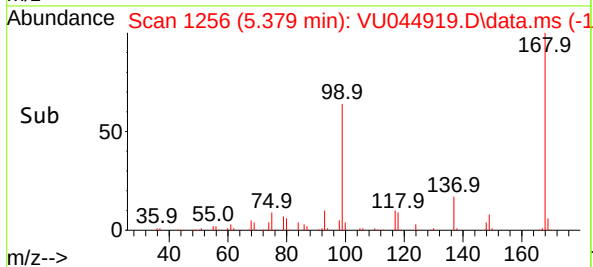
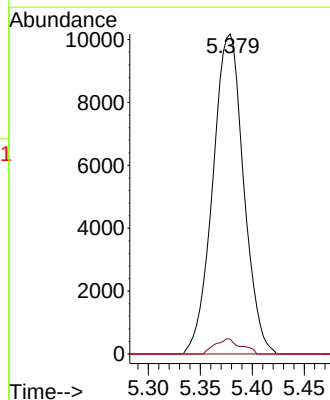
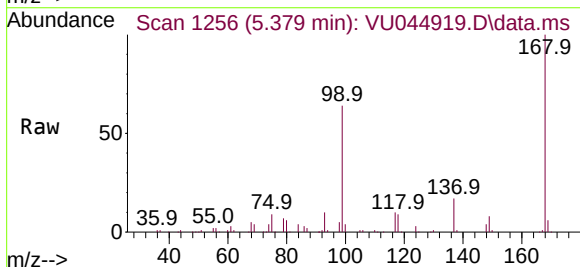
RT: 5.379 min Scan# 1256

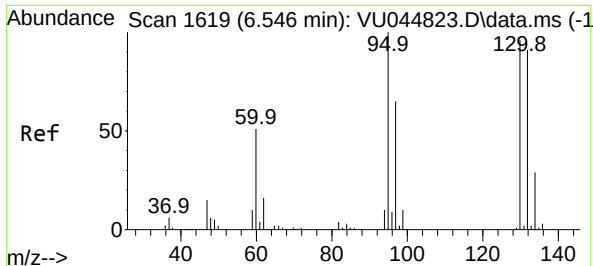
Delta R.T. -0.151 min

Lab File: VU044919.D

Acq: 28 Sep 2021 04:14

Tgt Ion:	117	Resp:	21021
Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.4	116.2#
121	0.0	24.5	36.7#

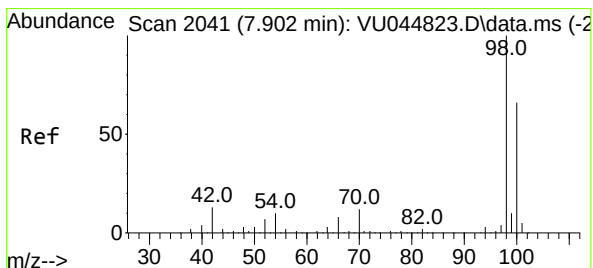
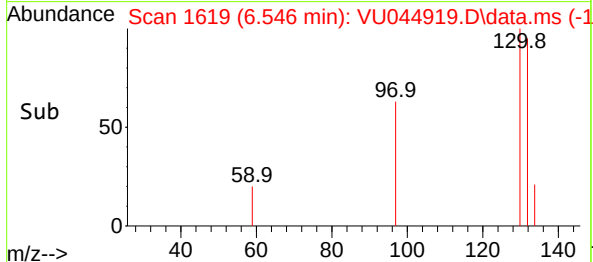
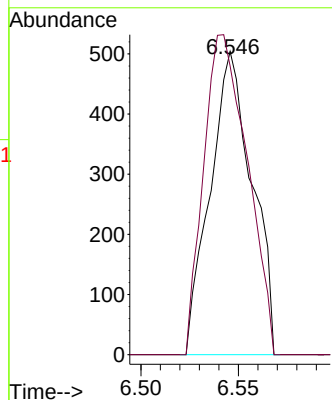
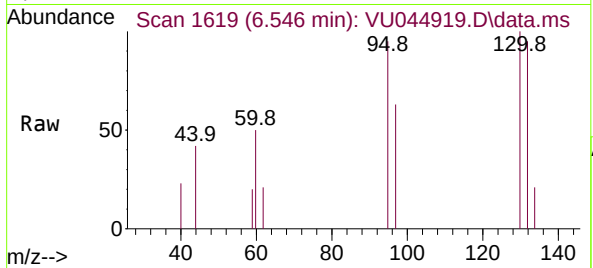




#44
Trichloroethene
Concen: 0.276 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

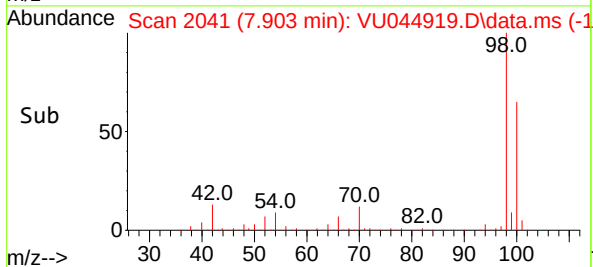
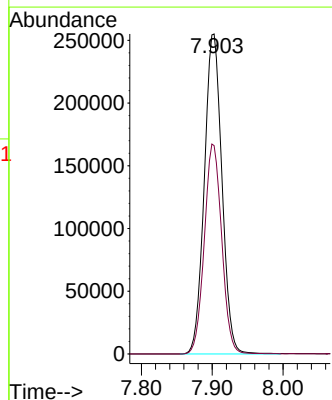
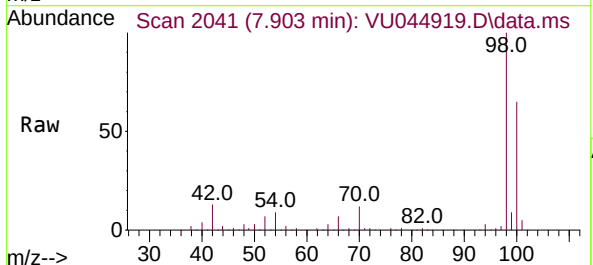
Instrument :
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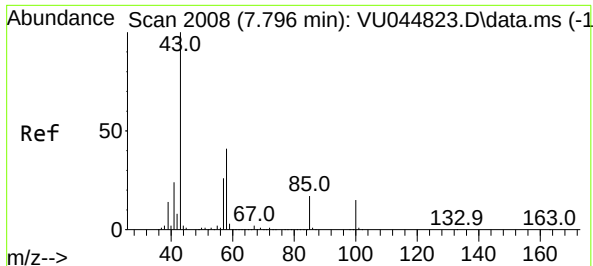
Tgt Ion:130 Resp: 753
Ion Ratio Lower Upper
130 100
95 95.2 0.0 209.0



#50
Toluene-d8
Concen: 48.438 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

Tgt Ion: 98 Resp: 440596
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

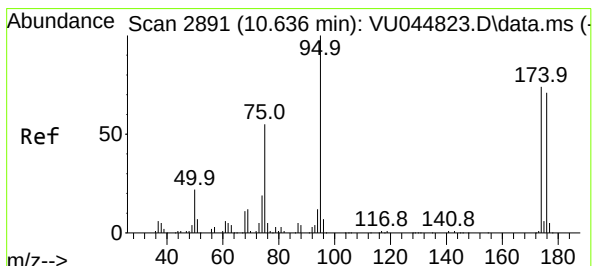
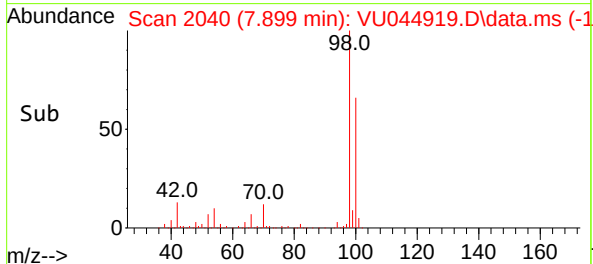
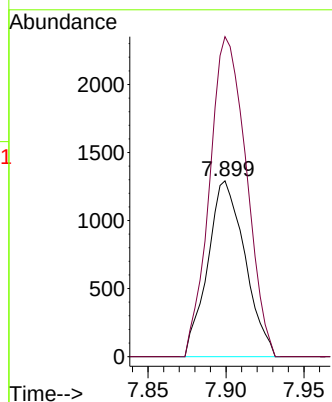
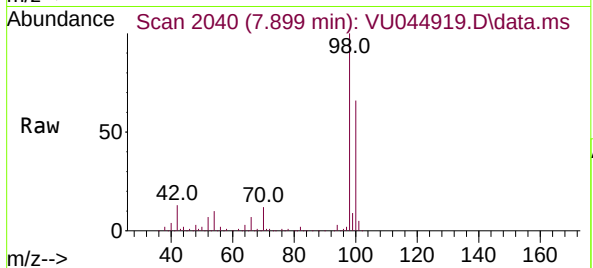




#51
4-Methyl-2-Pentanone
Concen: 0.393 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.103 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

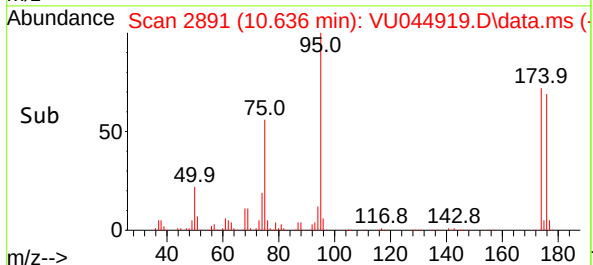
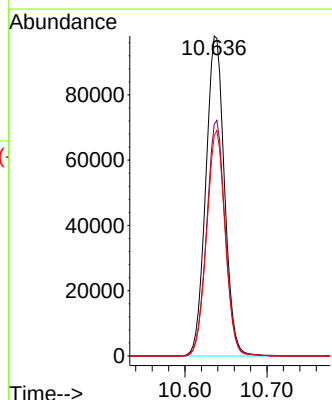
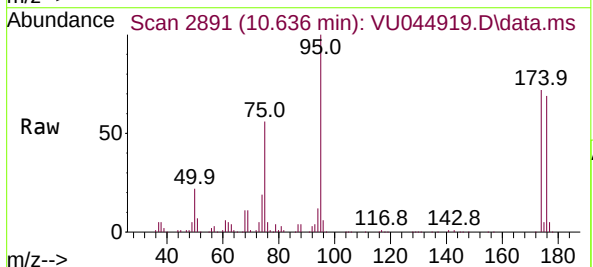
Instrument :
MSVOA_U
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TB05-20210921

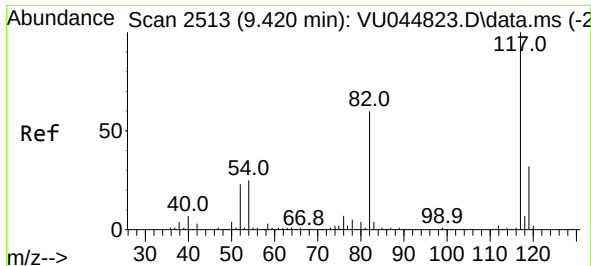
Tgt Ion: 43 Resp: 2141
Ion Ratio Lower Upper
43 100
58 179.7 32.4 48.6#



#62
4-Bromofluorobenzene
Concen: 45.683 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

Tgt Ion: 95 Resp: 154338
Ion Ratio Lower Upper
95 100
174 73.3 0.0 146.6
176 70.2 0.0 141.2

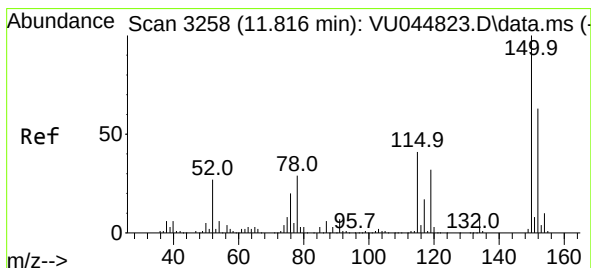
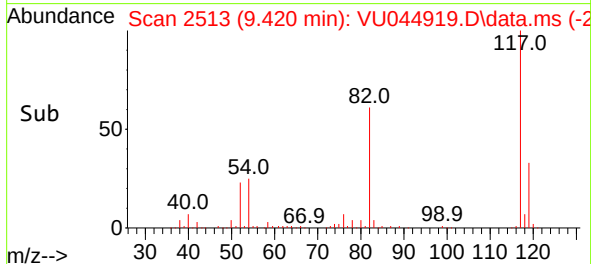
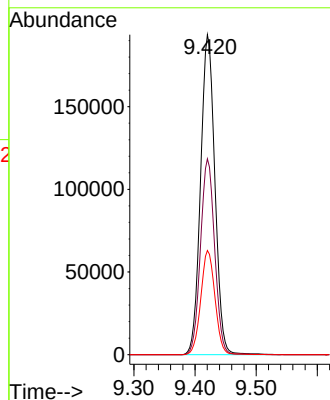
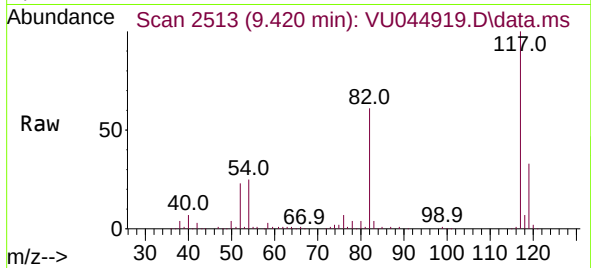




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

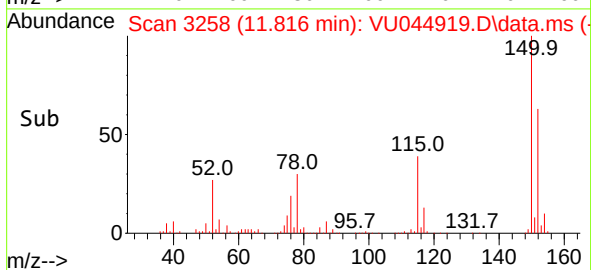
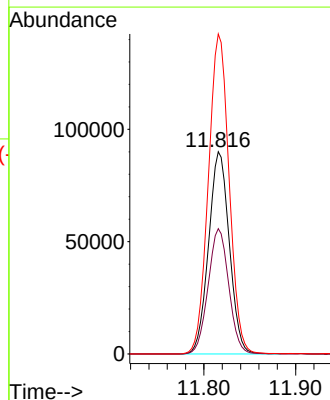
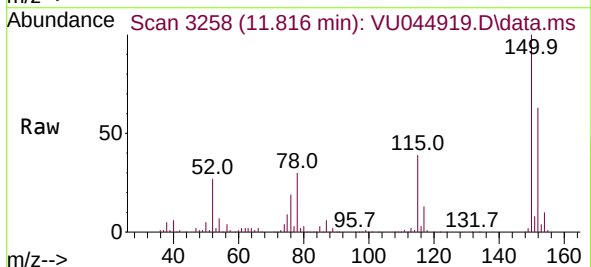
Instrument :
MSVOA_U
ClientSampleId :
TB05-20210921

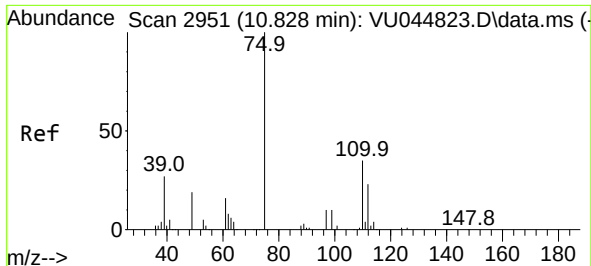
Tgt Ion:117 Resp: 315507
Ion Ratio Lower Upper
117 100
82 61.2 47.8 71.8
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

Tgt Ion:152 Resp: 141361
Ion Ratio Lower Upper
152 100
115 61.5 43.5 130.7
150 158.3 0.0 350.0

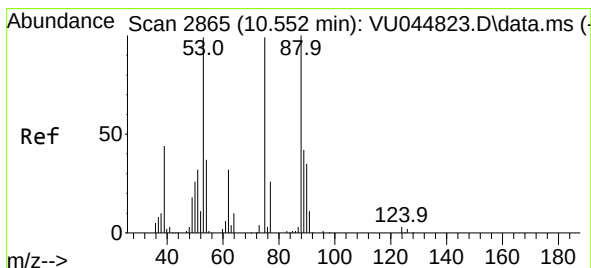
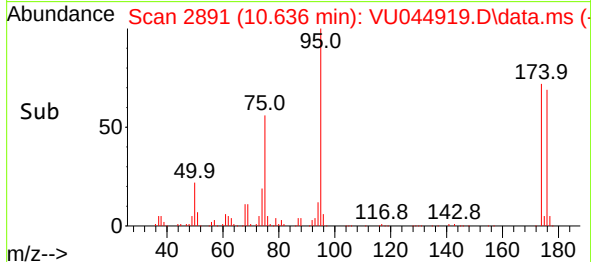
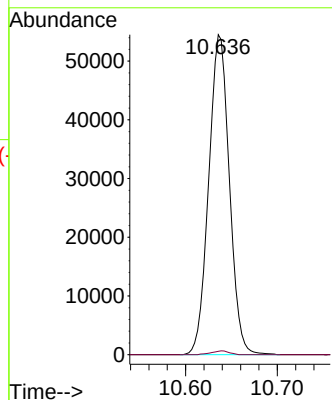
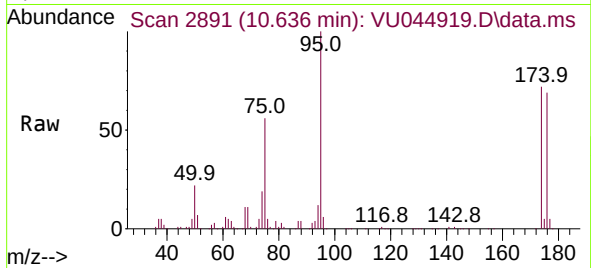




#76
1,2,3-Trichloropropane
Concen: 19.921 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

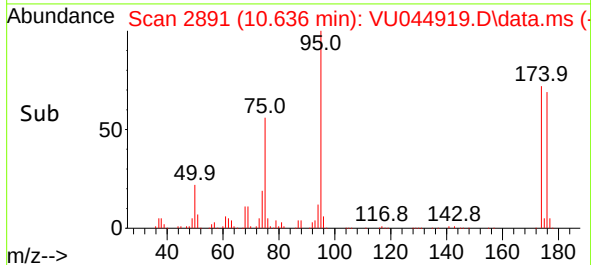
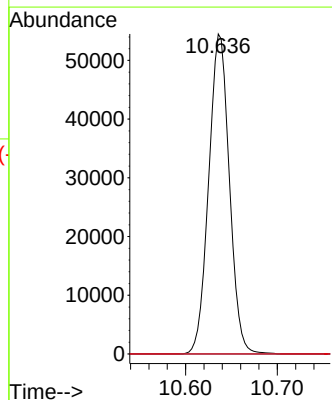
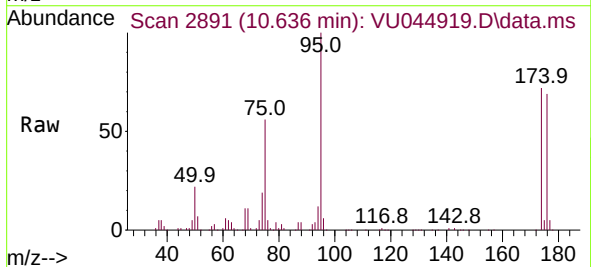
Instrument :
MSVOA_U
ClientSampleId :
TB05-20210921

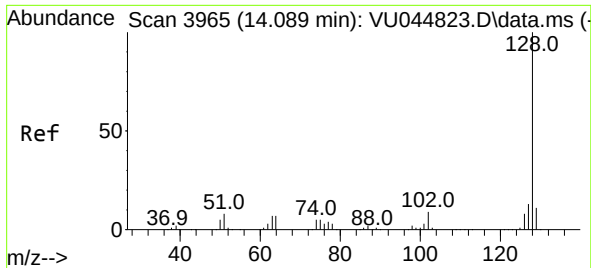
Tgt Ion: 75 Resp: 85276
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.534 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

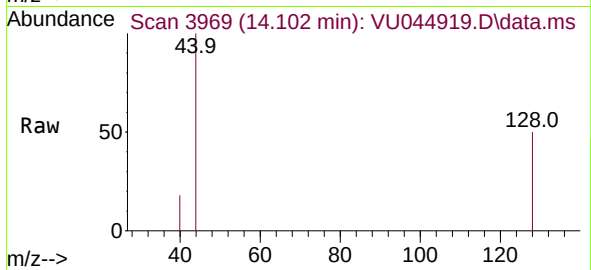
Tgt Ion: 75 Resp: 85276
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#





#95
Naphthalene
Concen: 0.988 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.013 min
Lab File: VU044919.D
Acq: 28 Sep 2021 04:14

Instrument :
MSVOA_U
ClientSampleId :
TB05-20210921



Tgt Ion:128 Resp: 497
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 13.0#

