

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061621\
 Data File : VU044239.D
 Acq On : 16 Jun 2021 14:34
 Operator : SY/MD
 Sample : M2714-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

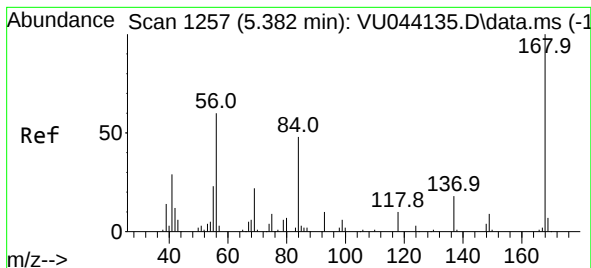
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 04:57:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	234924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	393594	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	377344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	204255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	154822	41.442	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.880%	
35) Dibromofluoromethane	5.298	113	126125	46.065	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.140%	
50) Toluene-d8	7.906	98	493439	46.927	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.860%	
62) 4-Bromofluorobenzene	10.639	95	193214	45.852	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	421	Below Cal	#	86
5) Bromomethane	1.864	94	334	0.205	ug/l	85
6) Chloroethane	2.006	64	144	Below Cal	#	42
11) Tert butyl alcohol	3.234	59	6001	5.971	ug/l	# 78
16) Acetone	2.649	43	5719	0.830	ug/l	95
20) Methylene Chloride	3.057	84	8805	1.451	ug/l	97
25) 2-Butanone	4.736	43	4579	1.468	ug/l	93
29) Tetrahydrofuran	5.086	42	820	0.484	ug/l	# 65
31) Cyclohexane	5.385	56	4539	0.861	ug/l	# 1
36) 1,1-Dichloropropene	5.382	75	19090	4.359	ug/l	# 50
37) Ethyl Acetate	4.736	43	4579	0.873	ug/l	# 67
38) Carbon Tetrachloride	5.382	117	24476	6.191	ug/l	# 16
59) 2-Hexanone	8.501	43	2301	0.535	ug/l	66
76) 1,2,3-Trichloropropane	10.639	75	93105	13.595	ug/l	# 47
81) trans-1,4-Dichloro-2-b...	10.639	75	93105	49.283	ug/l	# 13
84) 1,2,4-Trimethylbenzene	11.475	105	20368	1.666	ug/l	# 36
85) sec-Butylbenzene	11.475	105	20368	1.359	ug/l	# 58
95) Naphthalene	14.095	128	3500	3.066	ug/l	# 71

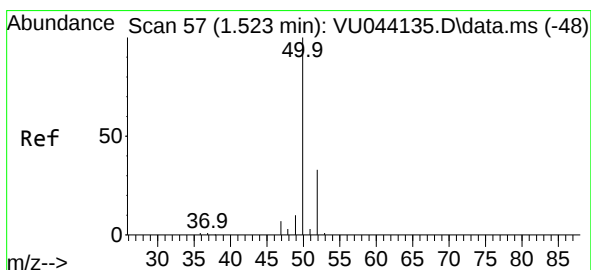
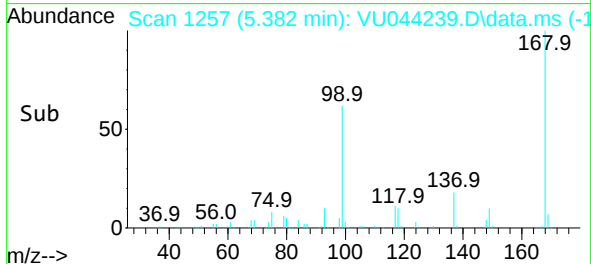
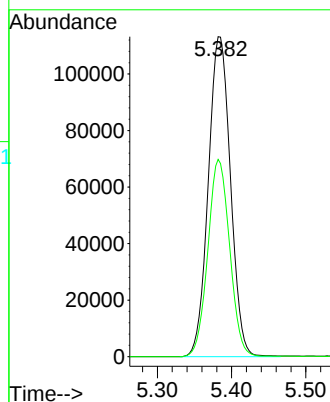
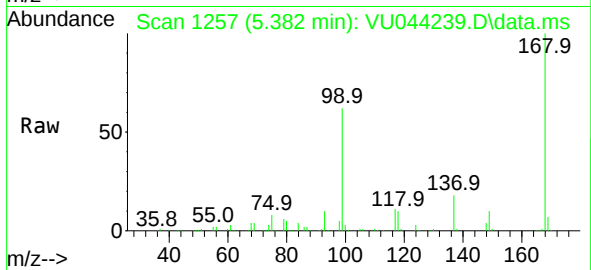
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34

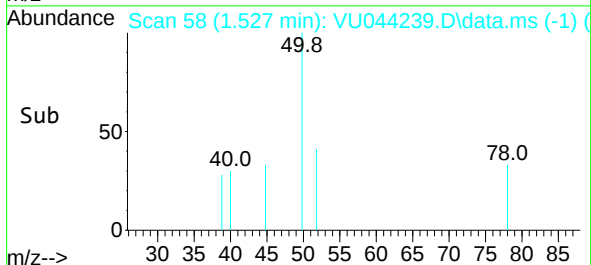
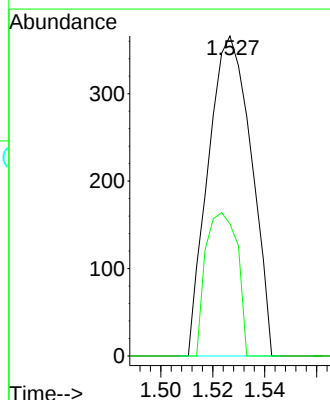
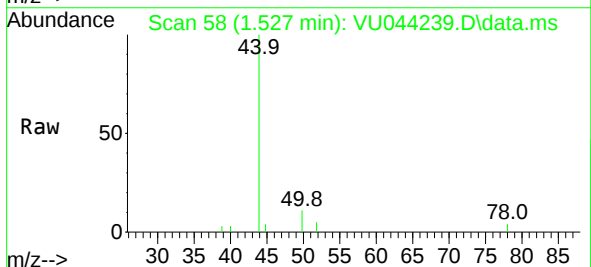
Instrument :
MSVOA_U
ClientSampled :

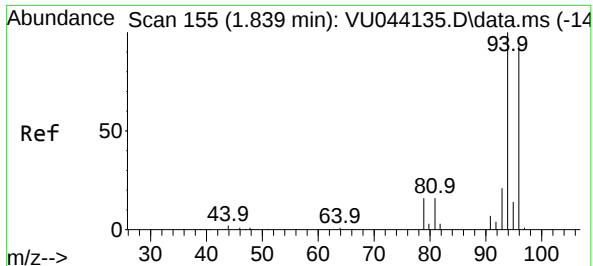
Tgt Ion:168 Resp: 234924
Ion Ratio Lower Upper
168 100
99 61.7 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.527 min Scan# 58
Delta R.T. 0.004 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34

Tgt Ion: 50 Resp: 421
Ion Ratio Lower Upper
50 100
52 41.3 26.6 39.8#

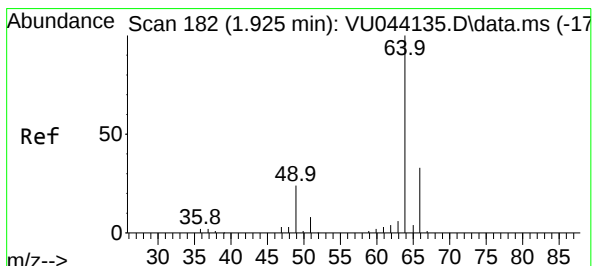
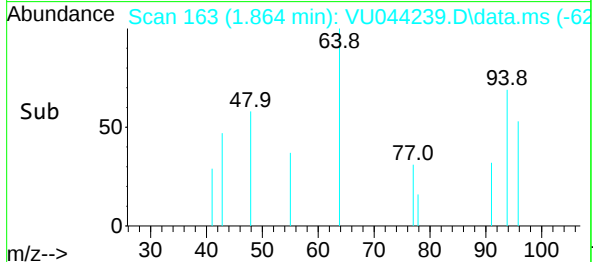
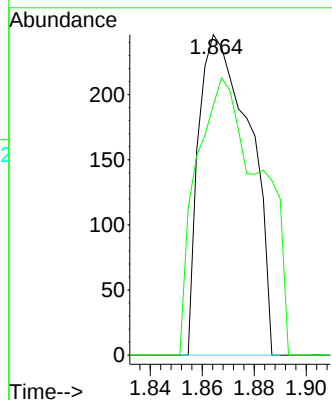
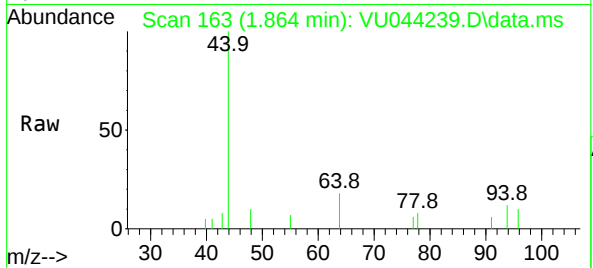




#5
Bromomethane
Concen: 0.205 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.025 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34

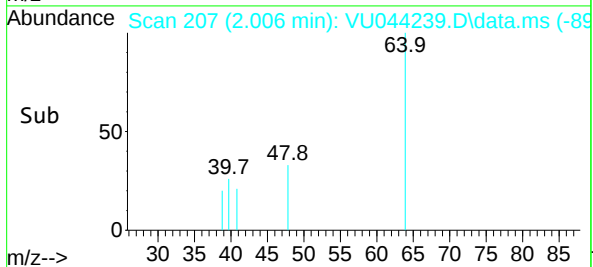
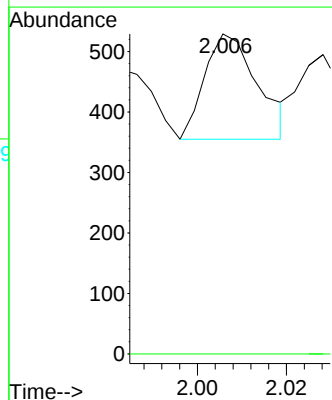
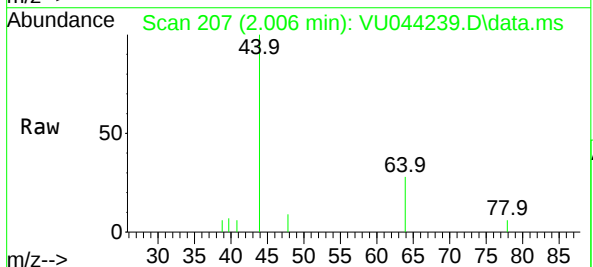
Instrument :
MSVOA_U
ClientSampled :

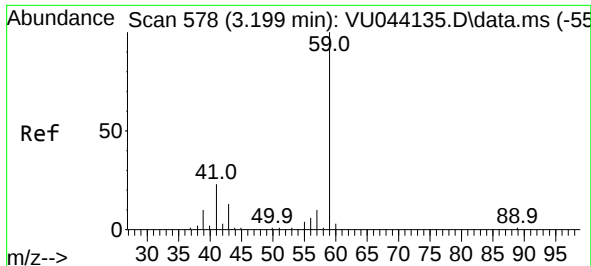
Tgt Ion: 94 Resp: 334
Ion Ratio Lower Upper
94 100
96 78.0 74.1 111.1



#6
Chloroethane
Concen: Below Cal
RT: 2.006 min Scan# 207
Delta R.T. 0.081 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34

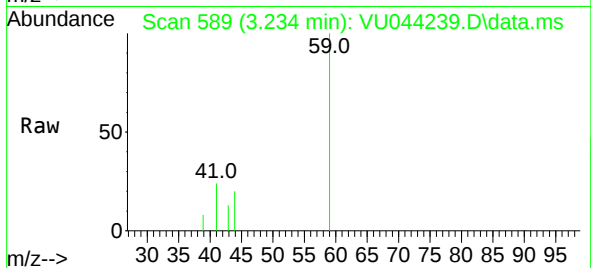
Tgt Ion: 64 Resp: 144
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



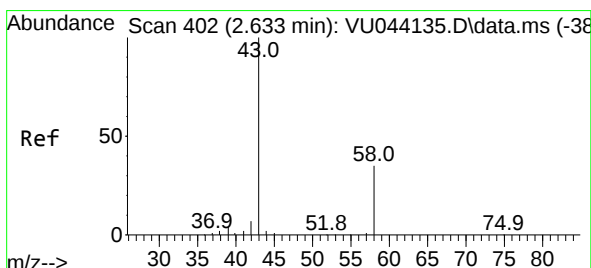
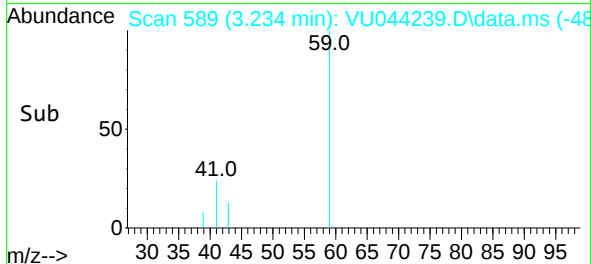
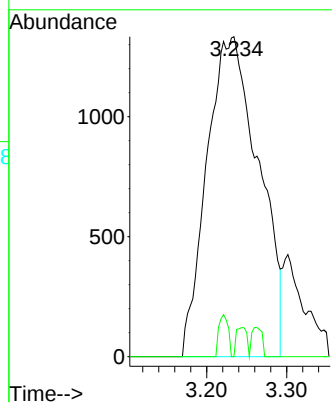


#11
Tert butyl alcohol
Concen: 5.971 ug/l
RT: 3.234 min Scan# 589
Delta R.T. 0.035 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34

Instrument :
MSVOA_U
ClientSampled :

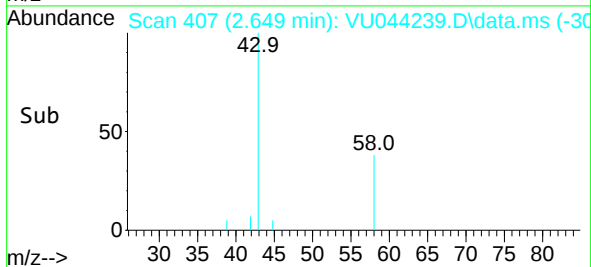
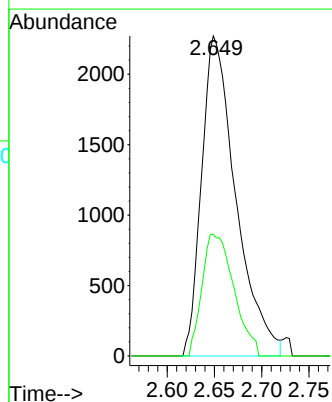
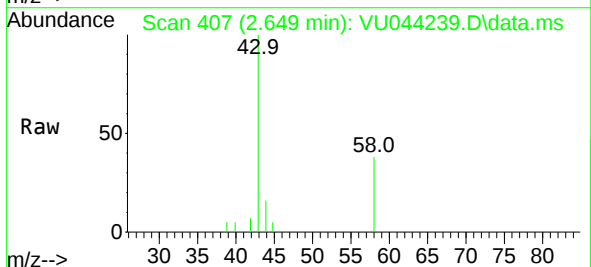


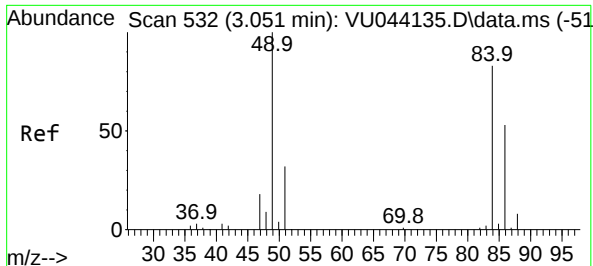
Tgt Ion: 59 Resp: 6001
Ion Ratio Lower Upper
59 100
57 1.8 8.0 12.0#



#16
Acetone
Concen: 0.830 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.016 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34

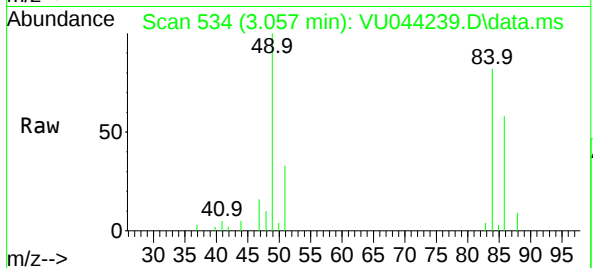
Tgt Ion: 43 Resp: 5719
Ion Ratio Lower Upper
43 100
58 38.0 28.0 42.0



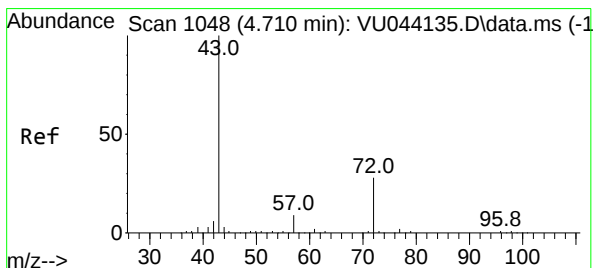
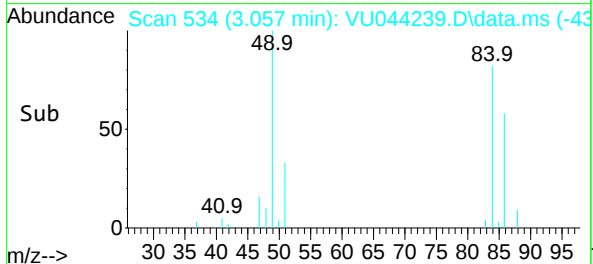
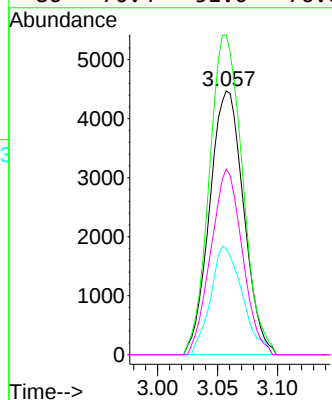


#20
Methylene Chloride
Concen: 1.451 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34

Instrument :
MSVOA_U
ClientSampleId :

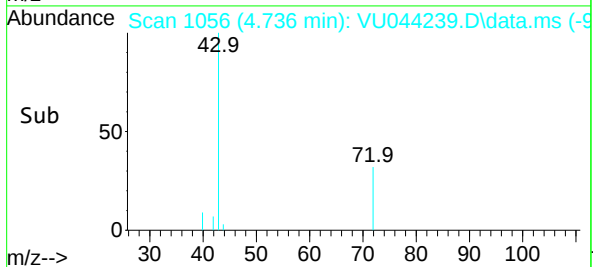
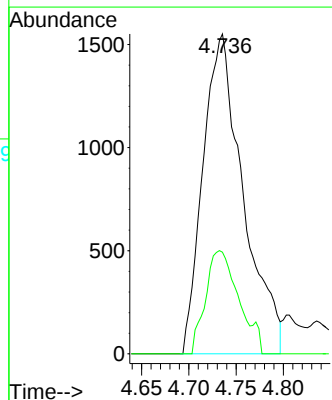
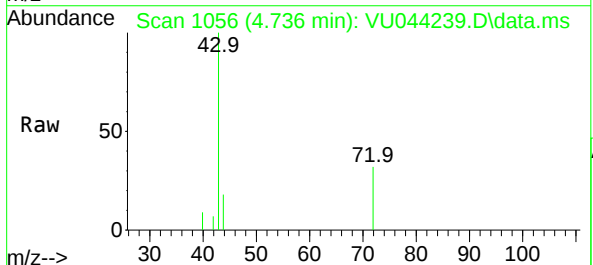


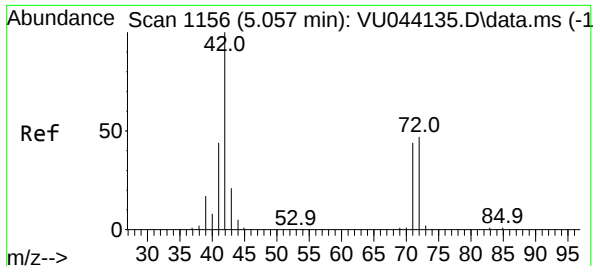
Tgt Ion:	84	Resp:	8805
Ion	Ratio	Lower	Upper
84	100		
49	121.4	96.9	145.3
51	40.2	31.0	46.6
86	70.4	51.0	76.6



#25
2-Butanone
Concen: 1.468 ug/l
RT: 4.736 min Scan# 1056
Delta R.T. 0.026 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34

Tgt Ion:	43	Resp:	4579
Ion	Ratio	Lower	Upper
43	100		
72	31.8	22.6	33.8





#29

Tetrahydrofuran

Concen: 0.484 ug/l

RT: 5.086 min Scan# 1165

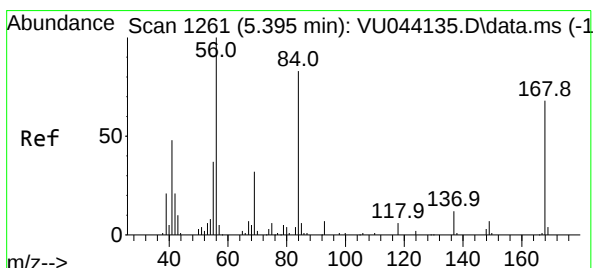
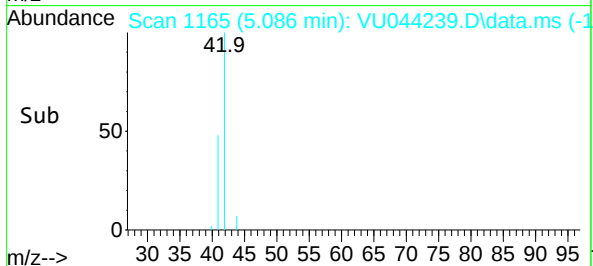
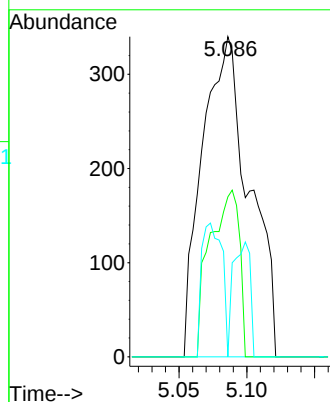
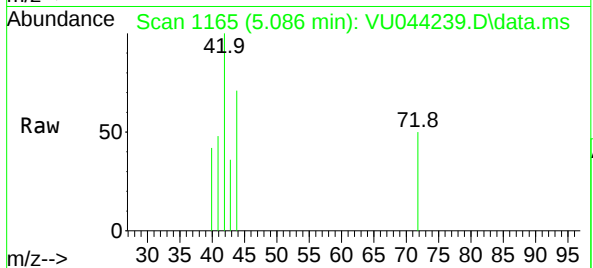
Delta R.T. 0.029 min

Lab File: VU044239.D

Acq: 16 Jun 2021 14:34

Tgt Ion:	42	Resp:	820
Ion	Ratio	Lower	Upper
42	100		
72	32.6	38.6	57.8#
71	12.8	35.5	53.3#

Instrument :
MSVOA_U
ClientSampleId :



#31

Cyclohexane

Concen: 0.861 ug/l

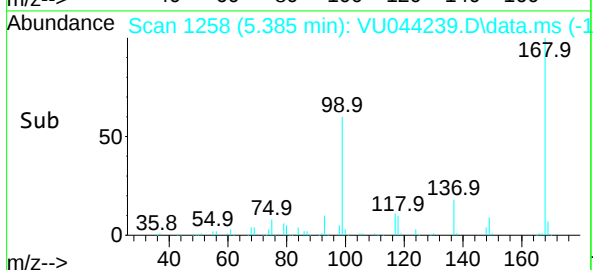
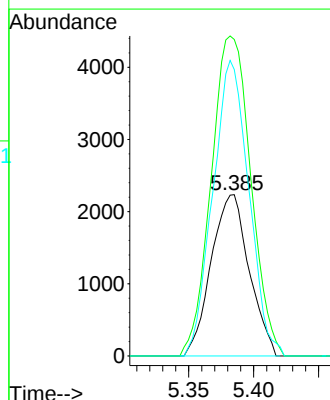
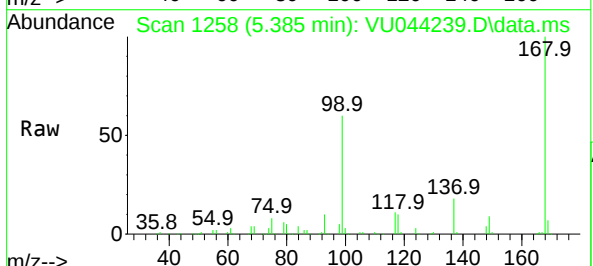
RT: 5.385 min Scan# 1258

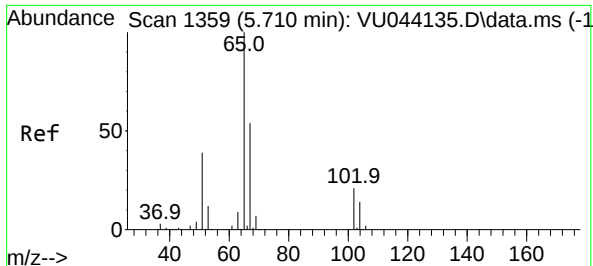
Delta R.T. -0.010 min

Lab File: VU044239.D

Acq: 16 Jun 2021 14:34

Tgt Ion:	56	Resp:	4539
Ion	Ratio	Lower	Upper
56	100		
69	196.3	25.5	38.3#
84	177.6	66.3	99.5#

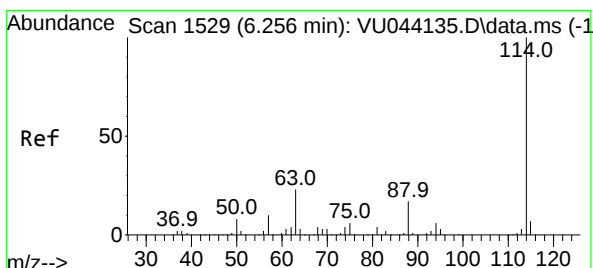
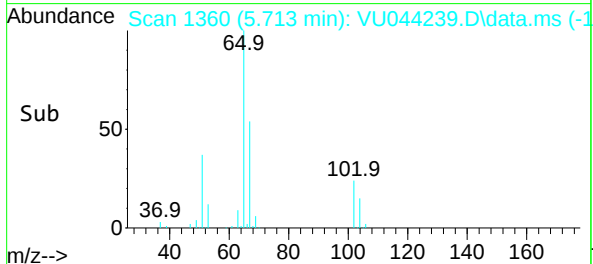
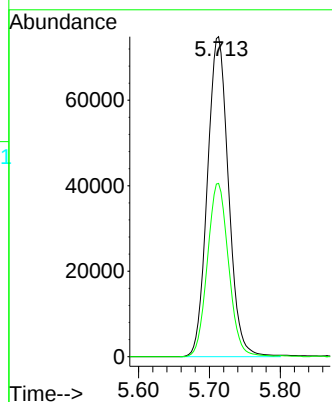
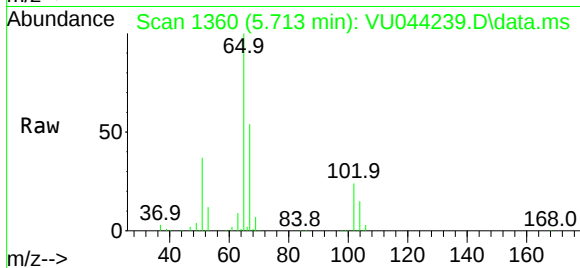




#33
 1,2-Dichloroethane-d4
 Concen: 41.442 ug/l
 RT: 5.713 min Scan# 1360
 Delta R.T. 0.003 min
 Lab File: VU044239.D
 Acq: 16 Jun 2021 14:34

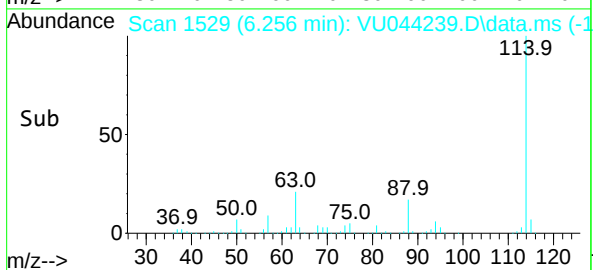
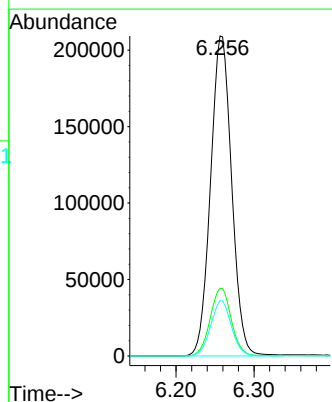
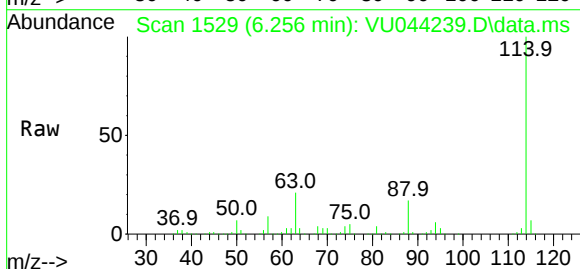
Instrument :
 MSVOA_U
 ClientSampleId :

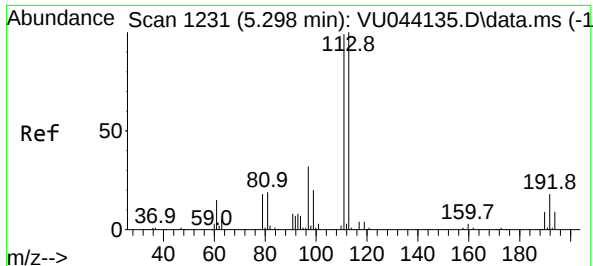
Tgt Ion: 65 Resp: 154822
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: VU044239.D
 Acq: 16 Jun 2021 14:34

Tgt Ion: 114 Resp: 393594
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.8
 88 17.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.065 ug/l

RT: 5.298 min Scan# 1231

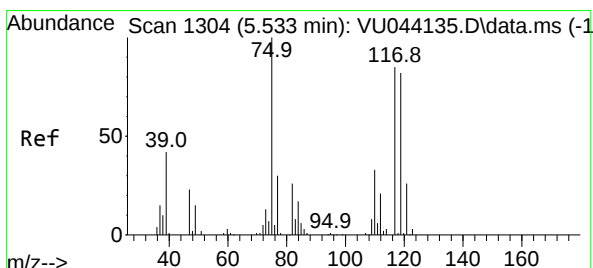
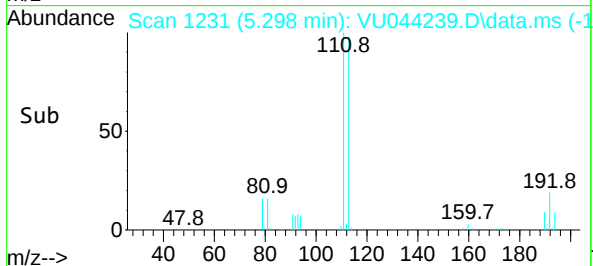
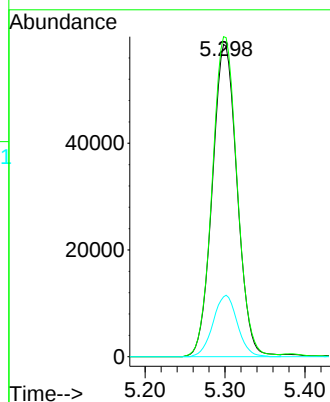
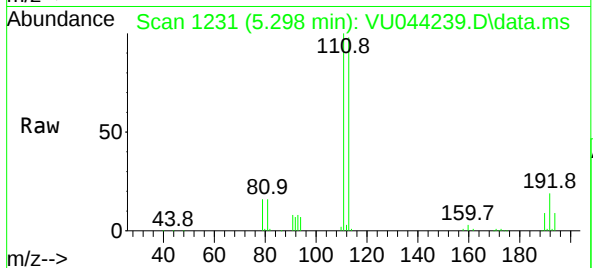
Delta R.T. 0.000 min

Lab File: VU044239.D

Acq: 16 Jun 2021 14:34

Tgt Ion:	113	Resp:	126125
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.4
192	19.3	14.3	21.5

Instrument :
MSVOA_U
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.359 ug/l

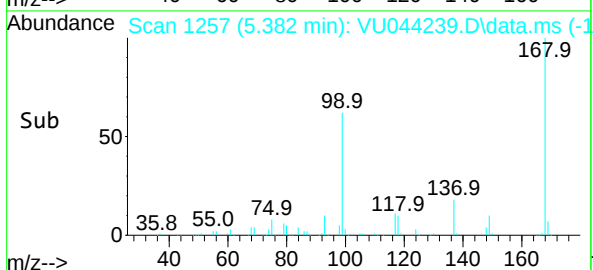
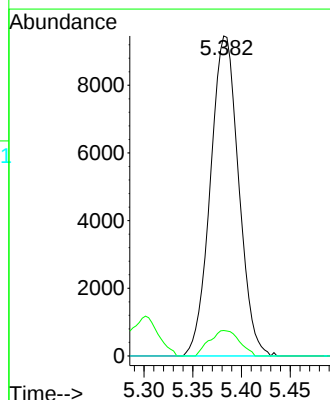
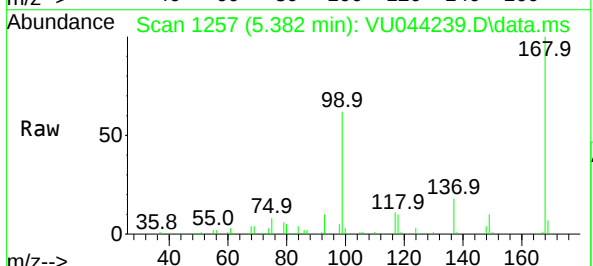
RT: 5.382 min Scan# 1257

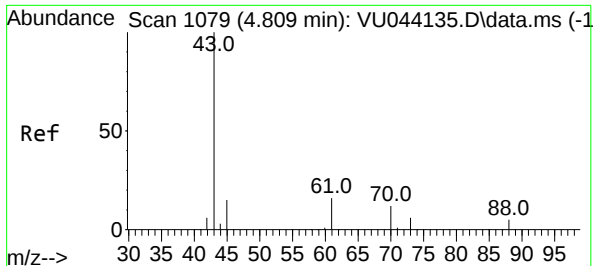
Delta R.T. -0.151 min

Lab File: VU044239.D

Acq: 16 Jun 2021 14:34

Tgt Ion:	75	Resp:	19090
Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.4	49.4#
77	0.0	24.7	37.1#





#37

Ethyl Acetate

Concen: 0.873 ug/l

RT: 4.736 min Scan# 1056

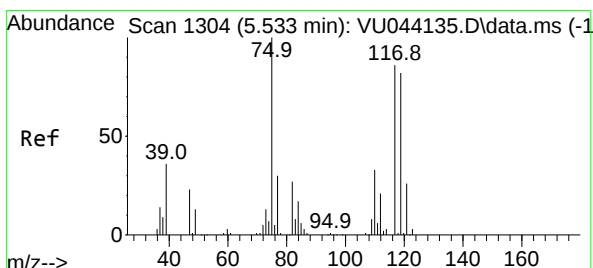
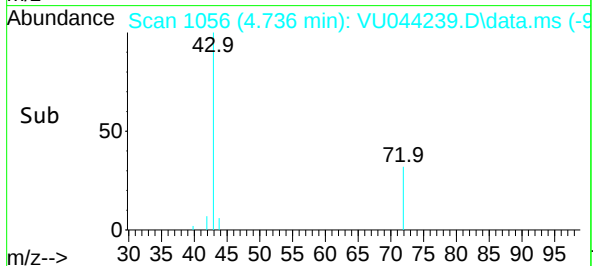
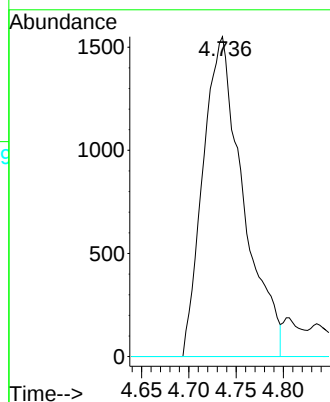
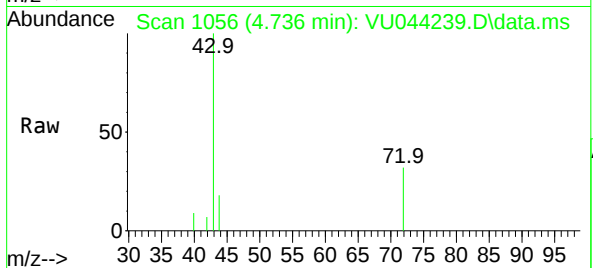
Delta R.T. -0.073 min

Lab File: VU044239.D

Acq: 16 Jun 2021 14:34

Tgt Ion: 43	Resp: 4579
Ion Ratio	Lower Upper
43 100	
61 0.0	11.9 17.9#
70 0.0	9.4 14.0#

Instrument :
MSVOA_U
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.191 ug/l

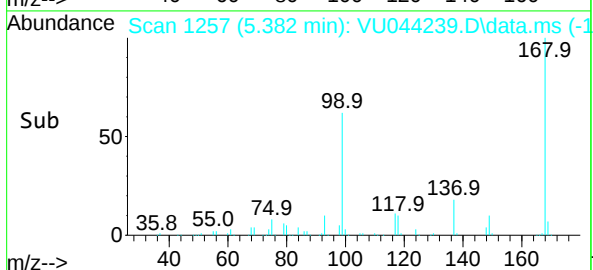
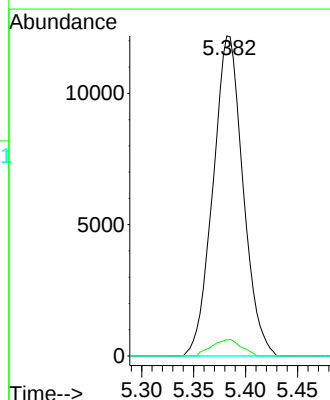
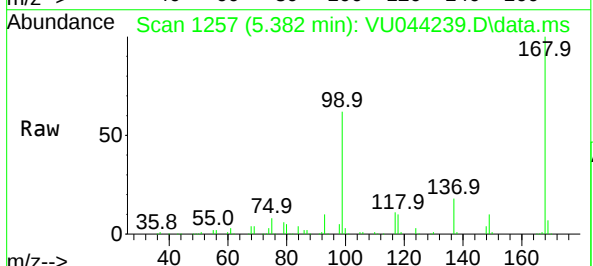
RT: 5.382 min Scan# 1257

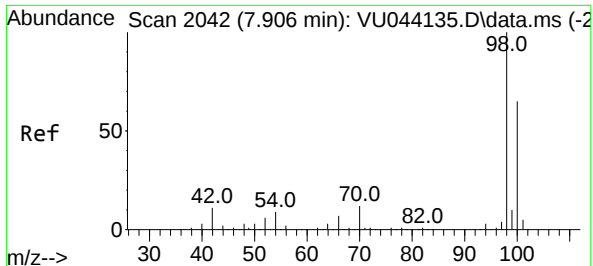
Delta R.T. -0.151 min

Lab File: VU044239.D

Acq: 16 Jun 2021 14:34

Tgt Ion: 117	Resp: 24476
Ion Ratio	Lower Upper
117 100	
119 5.0	76.6 114.8#
121 0.0	24.6 36.8#

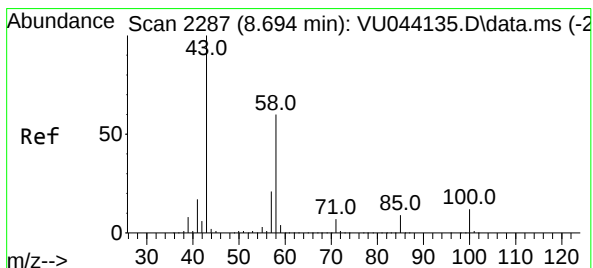
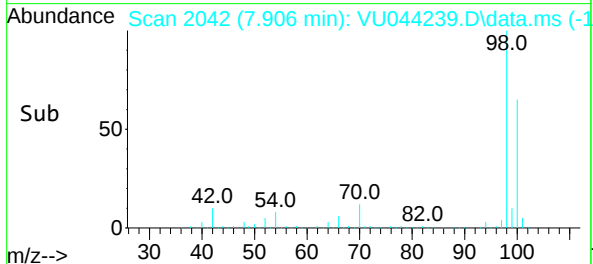
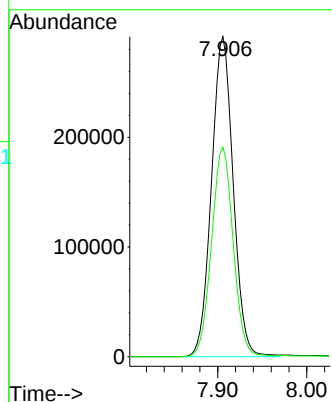
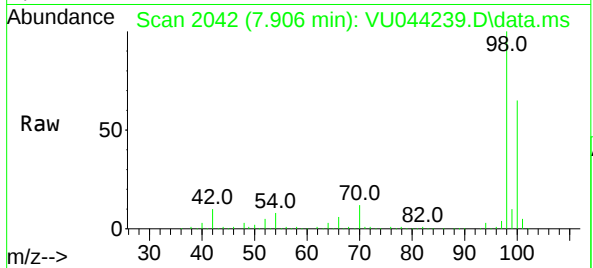




#50
Toluene-d8
Concen: 46.927 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34

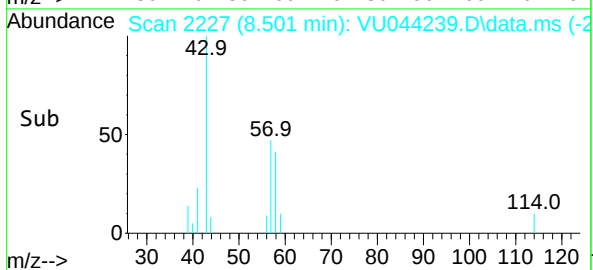
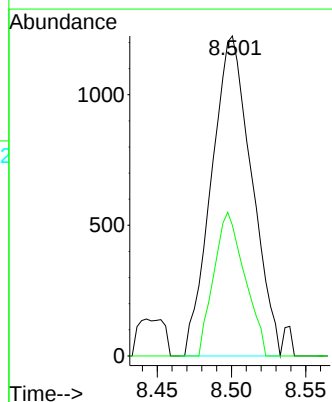
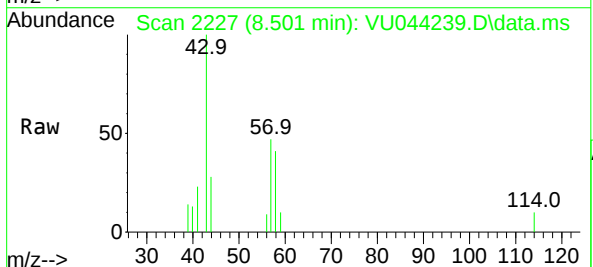
Instrument :
MSVOA_U
ClientSampled :

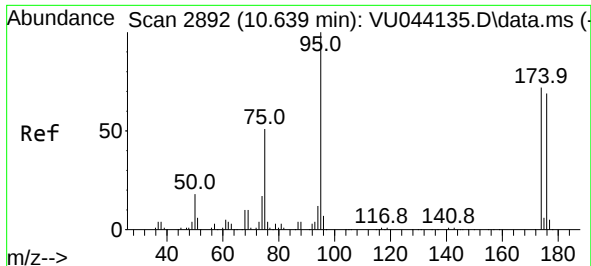
Tgt Ion: 98 Resp: 493439
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#59
2-Hexanone
Concen: 0.535 ug/l
RT: 8.501 min Scan# 2227
Delta R.T. -0.193 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34

Tgt Ion: 43 Resp: 2301
Ion Ratio Lower Upper
43 100
58 34.5 30.0 90.1

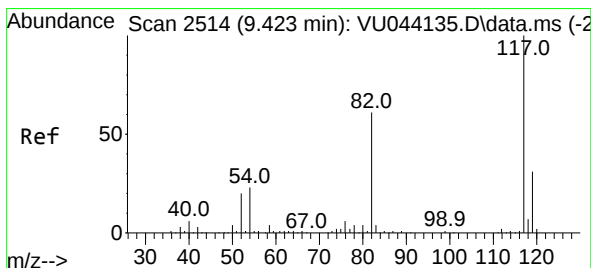
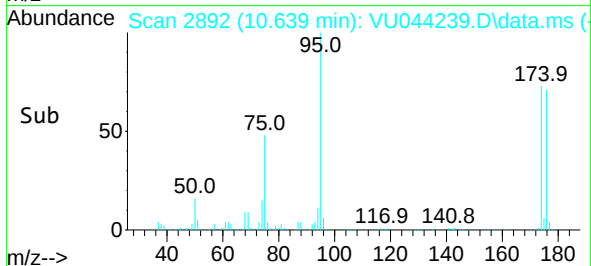
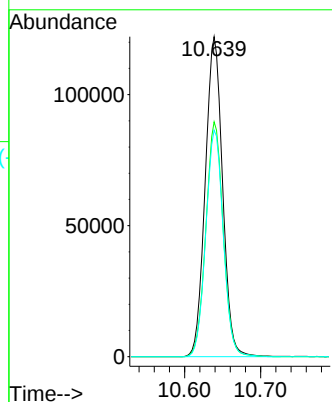
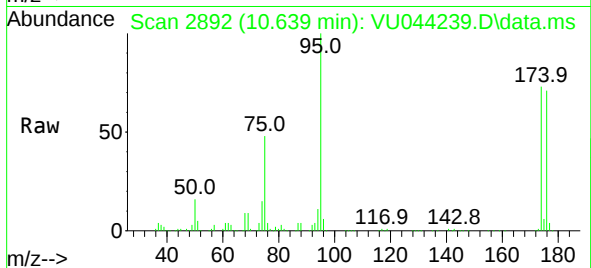




#62
4-Bromofluorobenzene
Concen: 45.852 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34

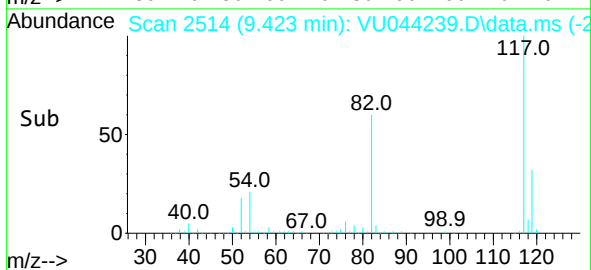
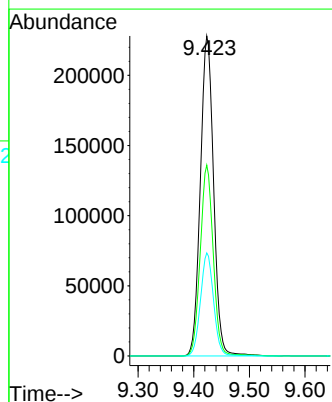
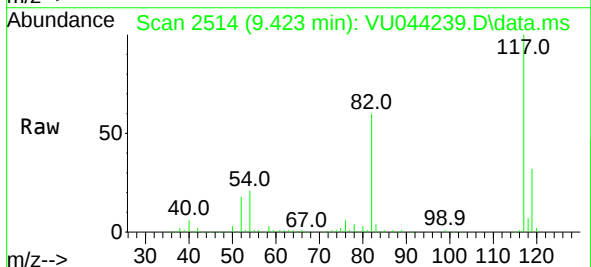
Instrument :
MSVOA_U
ClientSampleId :

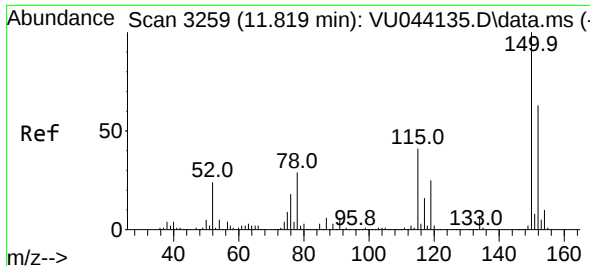
Tgt Ion: 95 Resp: 193214
Ion Ratio Lower Upper
95 100
174 73.5 0.0 144.4
176 71.3 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34

Tgt Ion: 117 Resp: 377344
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 32.2 25.0 37.6

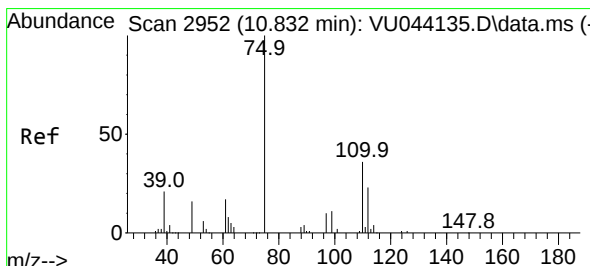
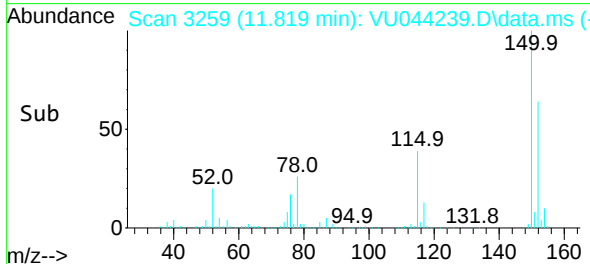
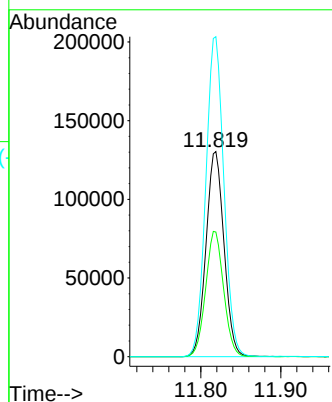
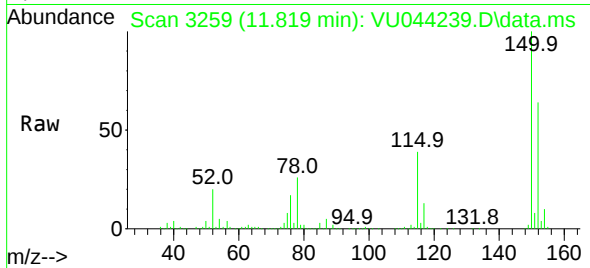




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU044239.D
 Acq: 16 Jun 2021 14:34

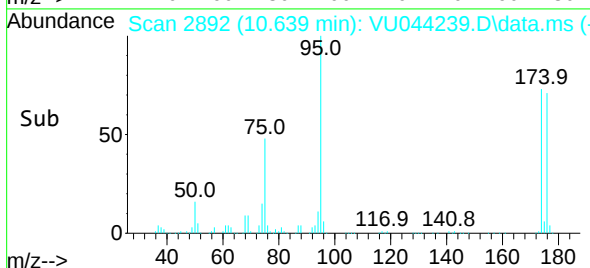
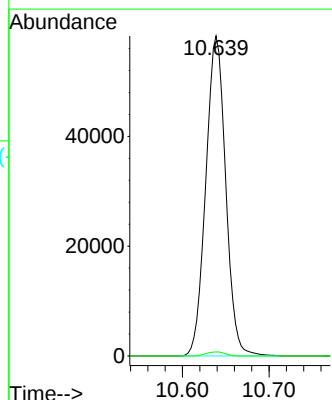
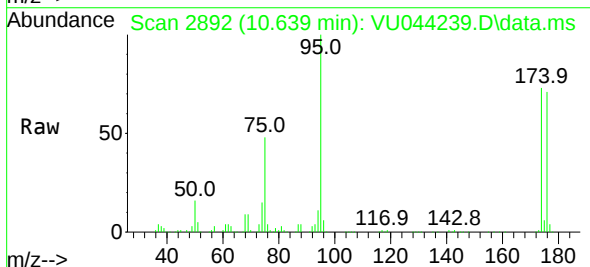
Instrument :
 MSVOA_U
 ClientSampled :

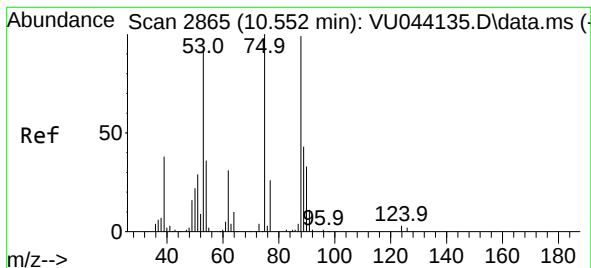
Tgt Ion:152 Resp: 204255
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.8 131.3
 150 156.4 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 13.595 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044239.D
 Acq: 16 Jun 2021 14:34

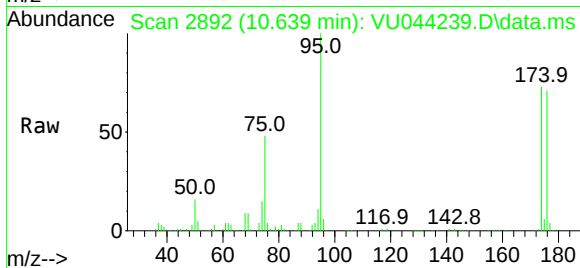
Tgt Ion: 75 Resp: 93105
 Ion Ratio Lower Upper
 75 100
 77 1.2 14.9 44.5#



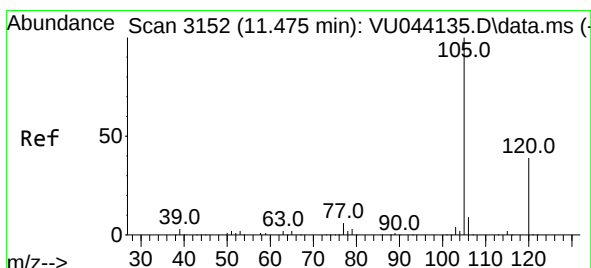
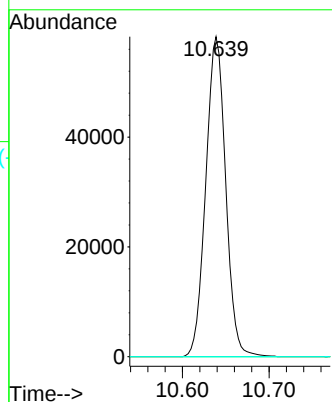
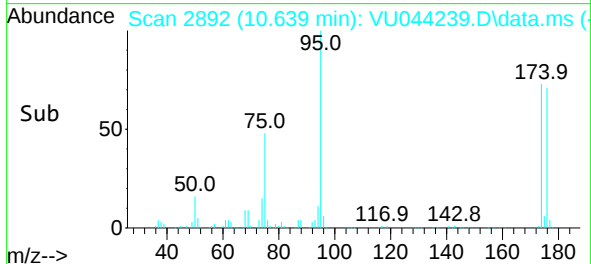


#81
trans-1,4-Dichloro-2-butene
Concen: 49.283 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34

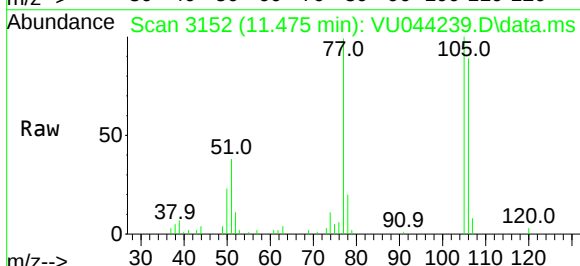
Instrument :
MSVOA_U
ClientSampled :



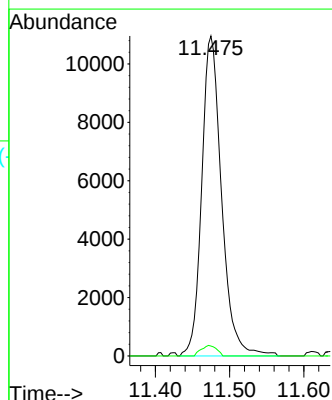
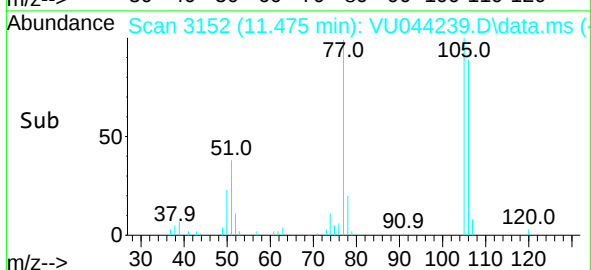
Tgt Ion: 75 Resp: 93105
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#

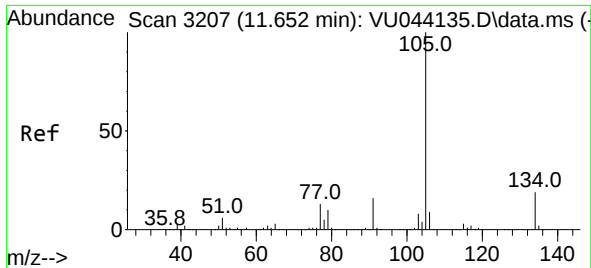


#84
1,2,4-Trimethylbenzene
Concen: 1.666 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044239.D
Acq: 16 Jun 2021 14:34



Tgt Ion: 105 Resp: 20368
Ion Ratio Lower Upper
105 100
120 2.6 21.9 65.8#

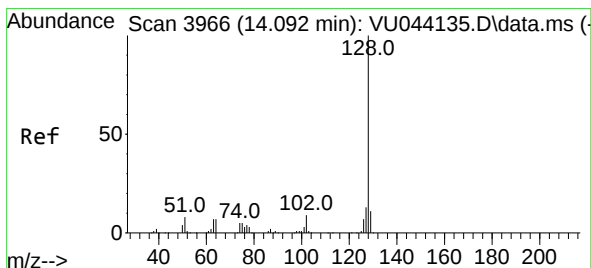
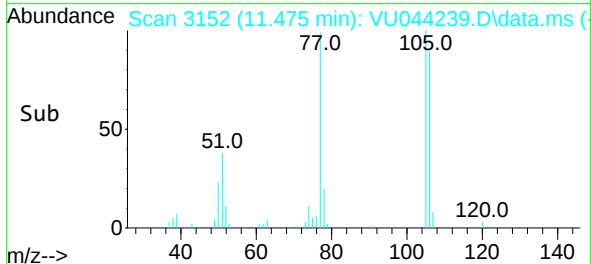
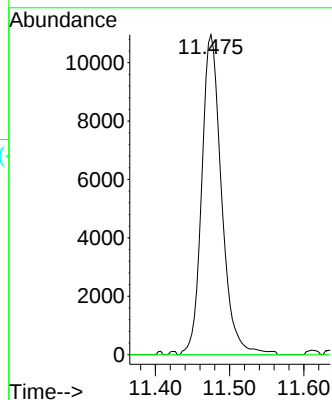
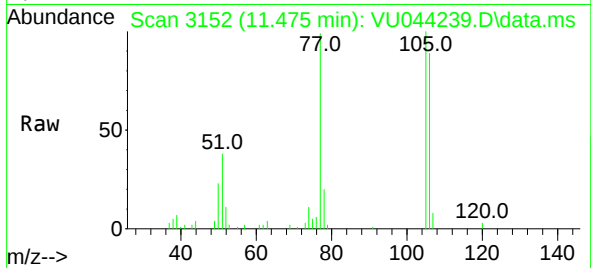




#85
 sec-Butylbenzene
 Concen: 1.359 ug/l
 RT: 11.475 min Scan# 3152
 Delta R.T. -0.177 min
 Lab File: VU044239.D
 Acq: 16 Jun 2021 14:34

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:105 Resp: 20368
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#



#95
 Naphthalene
 Concen: 3.066 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.003 min
 Lab File: VU044239.D
 Acq: 16 Jun 2021 14:34

Tgt Ion:128 Resp: 3500
 Ion Ratio Lower Upper
 128 100
 127 22.5 10.2 15.2#
 129 23.2 8.6 13.0#

