

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042944.D
 Acq On : 06 Apr 2021 11:14
 Operator : SY/MD
 Sample : VU0406MBL01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 07 01:39:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

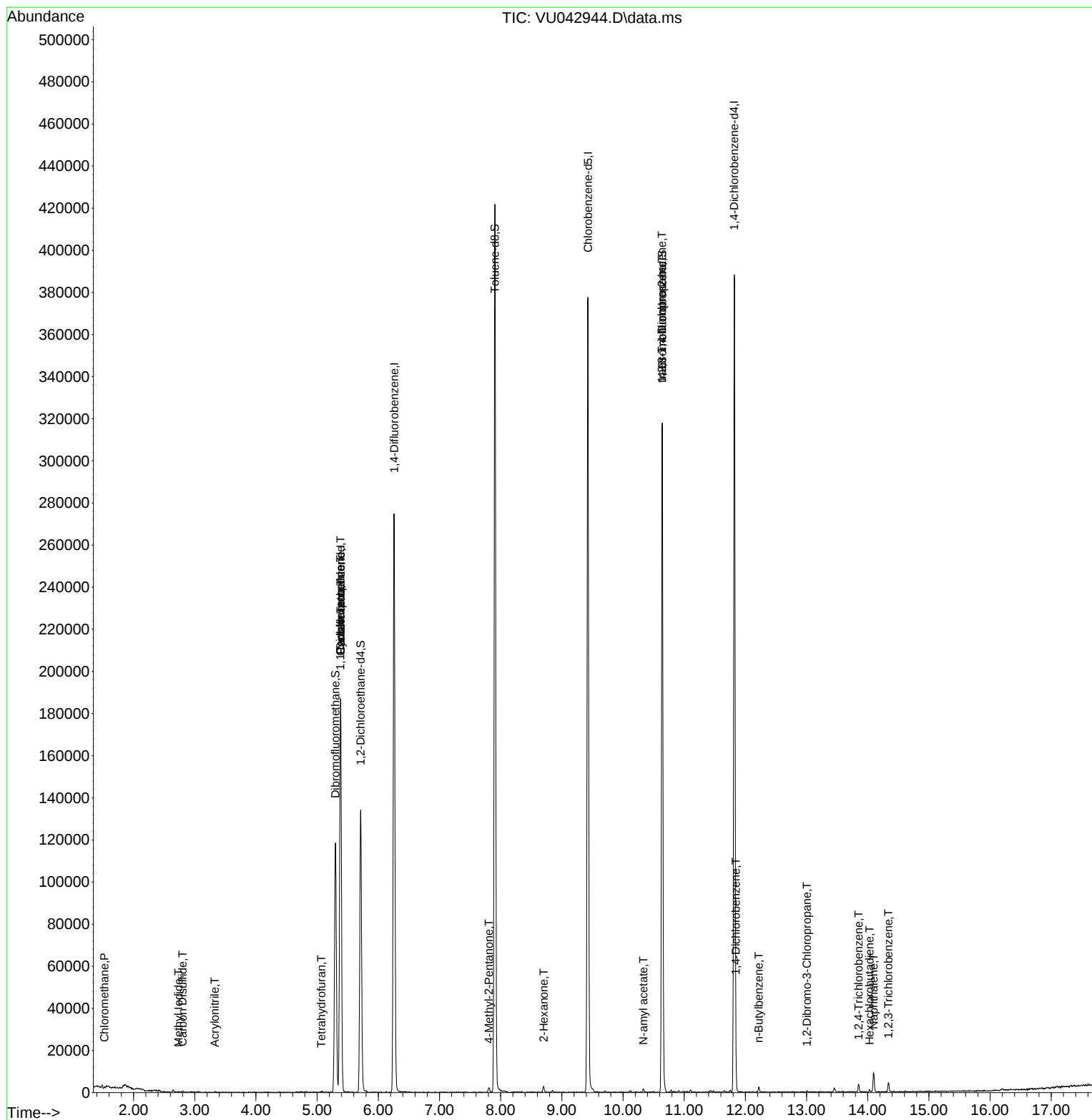
Internal Standards						
1) Pentafluorobenzene	5.382	168	131100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	211662	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	195343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	96522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	104231	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
35) Dibromofluoromethane	5.298	113	74357	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	7.906	98	262240	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
62) 4-Bromofluorobenzene	10.642	95	95148	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	408	0.24	ug/l #	77
5) Bromomethane	1.864	94	325	Below	Cal	91
6) Chloroethane	1.941	64	42	Below	Cal #	43
10) Methyl Iodide	2.736	142	485	0.28	ug/l #	53
15) Acrylonitrile	3.327	53	264	0.26	ug/l #	40
16) Acetone	2.649	43	918	Below	Cal	97
17) Carbon Disulfide	2.800	76	677	0.20	ug/l #	75
29) Tetrahydrofuran	5.070	42	356	0.34	ug/l #	38
31) Cyclohexane	5.385	56	3256	1.25	ug/l #	29
36) 1,1-Dichloropropene	5.378	75	10416	4.98	ug/l #	51
38) Carbon Tetrachloride	5.382	117	13010	5.44	ug/l #	17
51) 4-Methyl-2-Pentanone	7.806	43	2024	0.59	ug/l #	86
59) 2-Hexanone	8.703	43	2491	0.91	ug/l	88
74) N-amyl acetate	10.330	43	1105	0.32	ug/l #	73
76) 1,2,3-Trichloropropane	10.639	75	53580	21.83	ug/l #	38
81) trans-1,4-Dichloro-2-b...	10.639	75	53580	64.67	ug/l #	6
88) 1,4-Dichlorobenzene	11.844	146	815	0.26	ug/l #	64
89) n-Butylbenzene	12.217	91	1064	0.21	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	148	0.22	ug/l	77
93) 1,2,4-Trichlorobenzene	13.851	180	1562	0.80	ug/l	79
94) Hexachlorobutadiene	14.028	225	338	0.29	ug/l	73
95) Naphthalene	14.098	128	8096	3.75	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.340	180	1692	0.85	ug/l	98

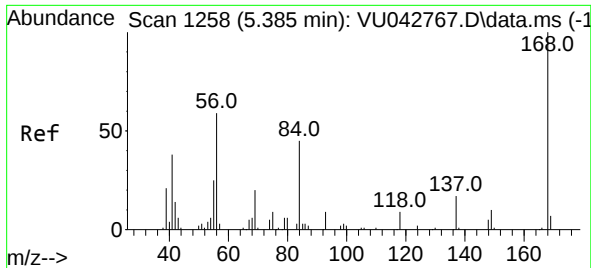
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
Data File : VU042944.D
Acq On : 06 Apr 2021 11:14
Operator : SY/MD
Sample : VU0406MBL01
Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 07 01:39:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration

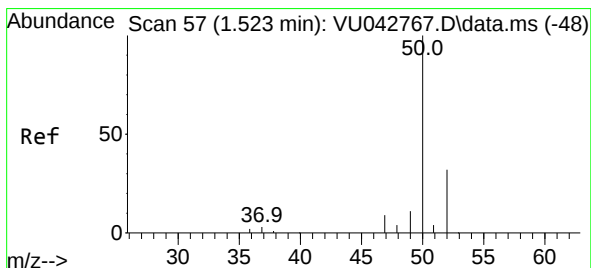
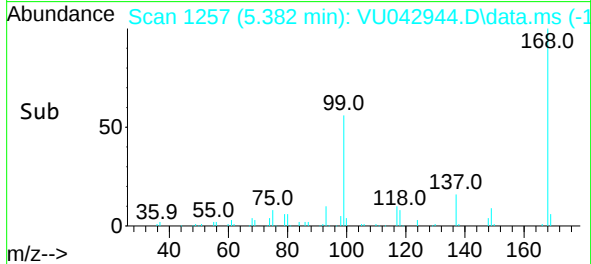
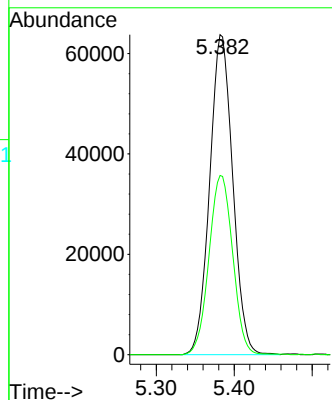
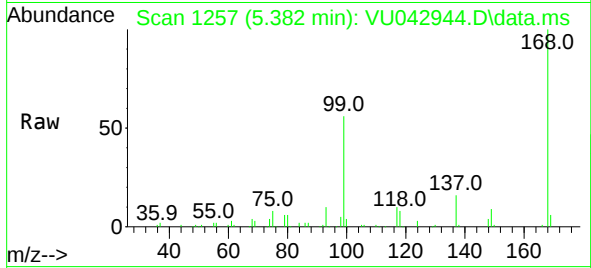




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

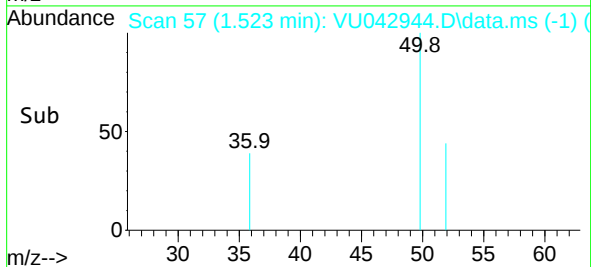
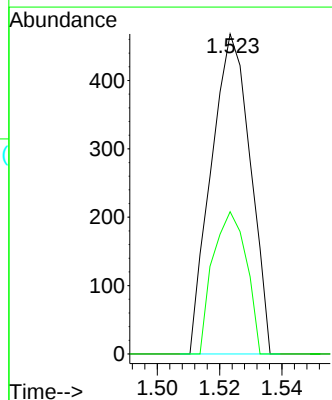
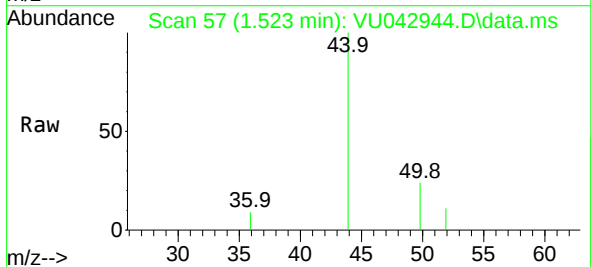
Instrument :
MSVOA_U
ClientSampled :

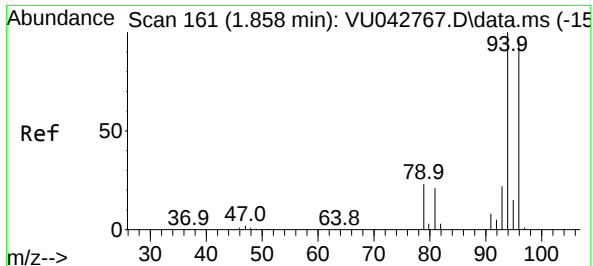
Tgt Ion:168 Resp: 131100
Ion Ratio Lower Upper
168 100
99 56.0 46.4 69.6



#3
Chloromethane
Concen: 0.24 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

Tgt Ion: 50 Resp: 408
Ion Ratio Lower Upper
50 100
52 44.4 25.4 38.0#





#5

Bromomethane

Concen: Below Cal

RT: 1.864 min Scan# 163

Delta R.T. 0.006 min

Lab File: VU042944.D

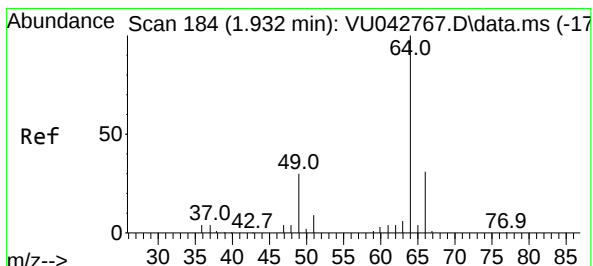
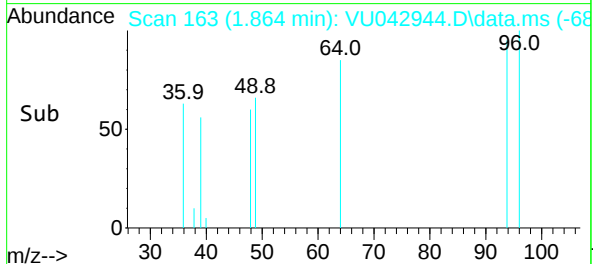
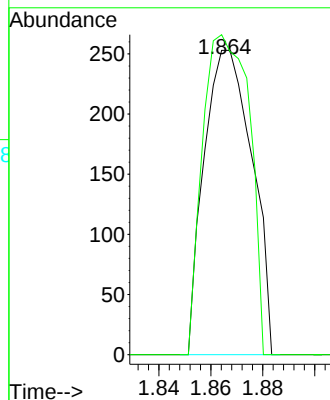
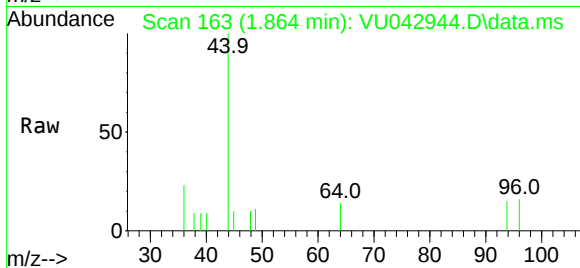
Acq: 06 Apr 2021 11:14

Tgt Ion: 94 Resp: 325

Ion Ratio Lower Upper

94 100

96 105.1 77.1 115.7



#6

Chloroethane

Concen: Below Cal

RT: 1.941 min Scan# 187

Delta R.T. 0.009 min

Lab File: VU042944.D

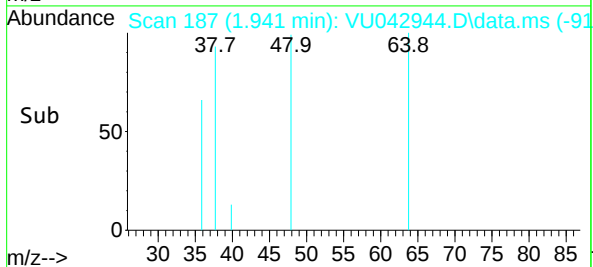
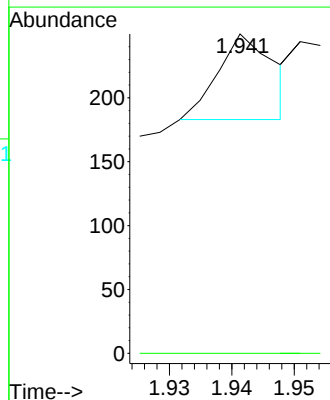
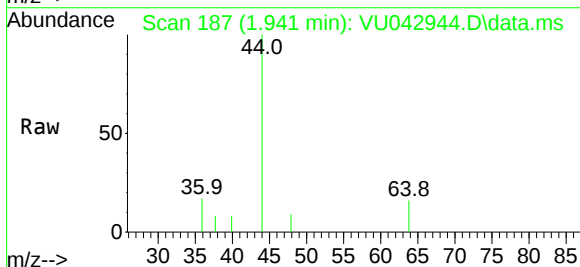
Acq: 06 Apr 2021 11:14

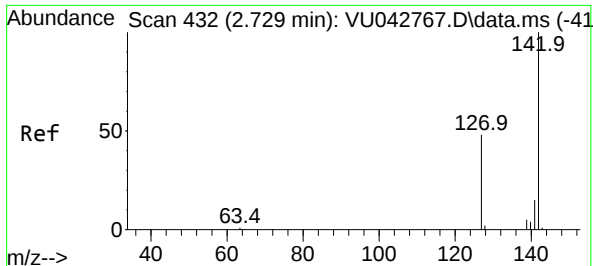
Tgt Ion: 64 Resp: 42

Ion Ratio Lower Upper

64 100

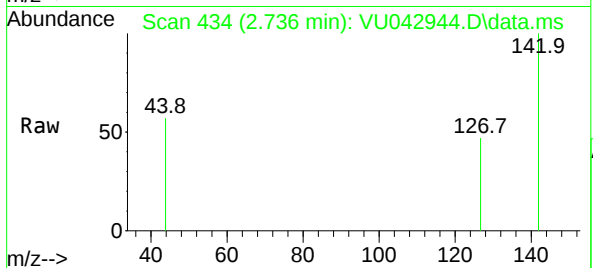
66 0.0 25.0 37.6#



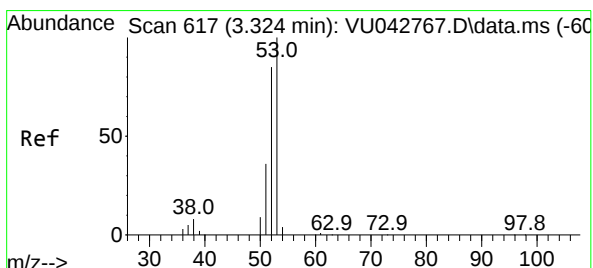
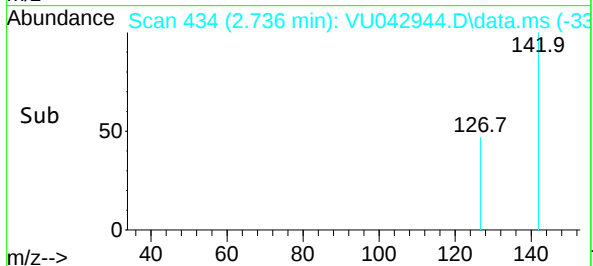
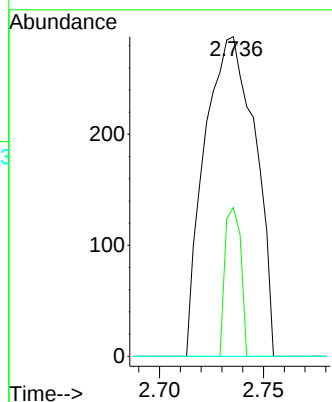


#10
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.736 min Scan# 434
Delta R.T. 0.006 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

Instrument :
MSVOA_U
ClientSampled :

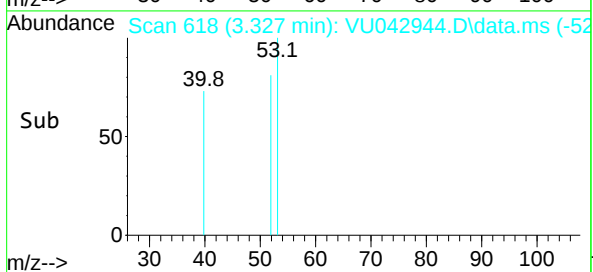
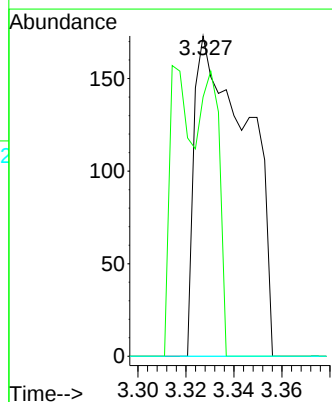
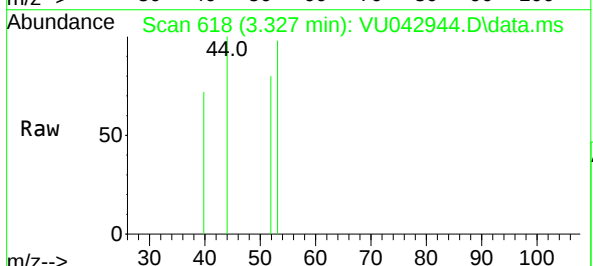


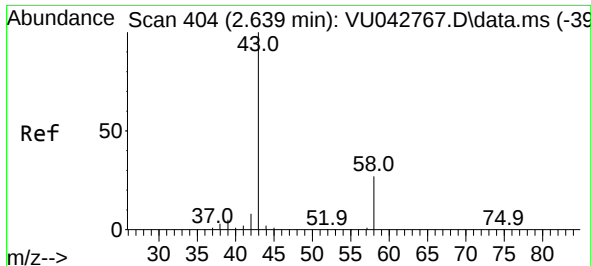
Tgt Ion:142 Resp: 485
Ion Ratio Lower Upper
142 100
127 14.6 38.7 58.1#
141 0.0 12.0 18.0#



#15
Acrylonitrile
Concen: 0.26 ug/l
RT: 3.327 min Scan# 618
Delta R.T. 0.003 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

Tgt Ion: 53 Resp: 264
Ion Ratio Lower Upper
53 100
52 31.1 67.4 101.0#
51 0.0 29.8 44.6#

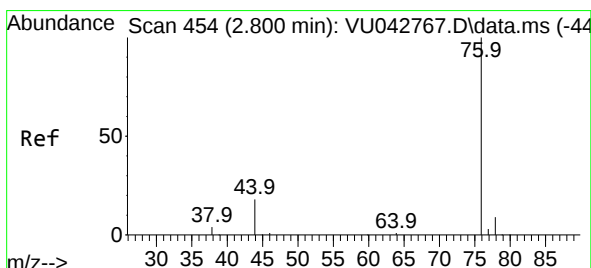
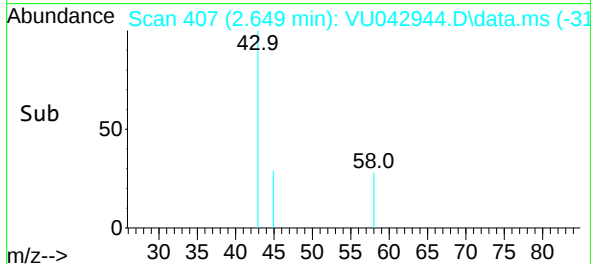
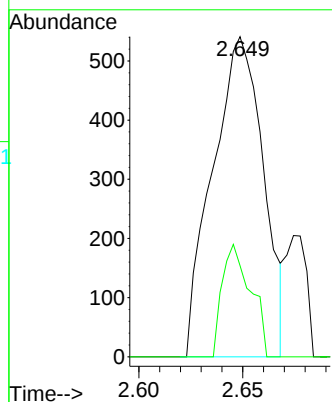
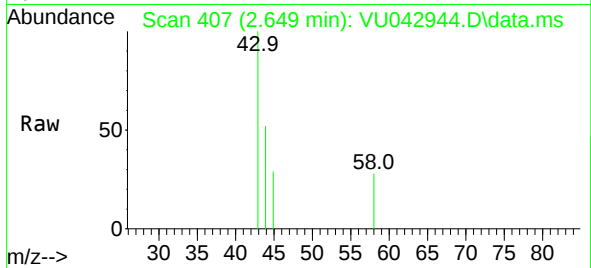




#16
Acetone
Concen: Below Cal
RT: 2.649 min Scan# 407
Delta R.T. 0.010 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

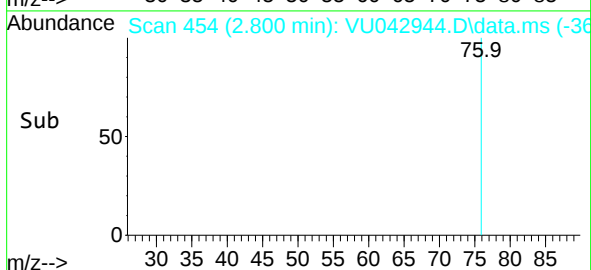
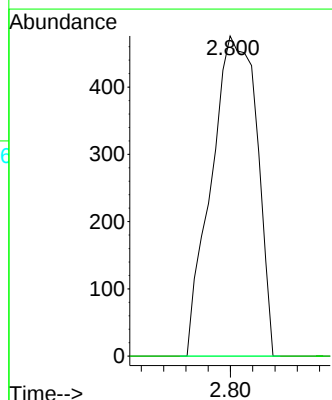
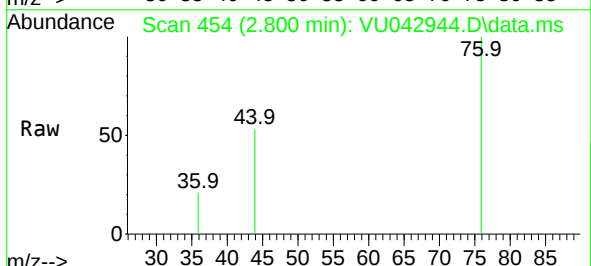
Instrument :
MSVOA_U
ClientSampled :

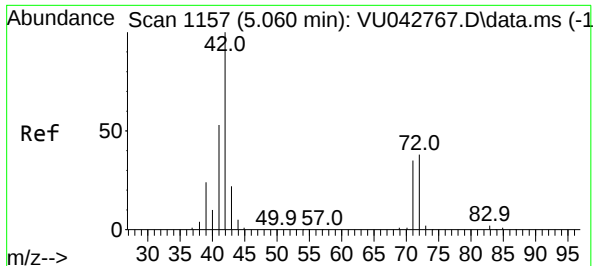
Tgt Ion: 43 Resp: 918
Ion Ratio Lower Upper
43 100
58 28.5 21.6 32.4



#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

Tgt Ion: 76 Resp: 677
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#





#29

Tetrahydrofuran

Concen: 0.34 ug/l

RT: 5.070 min Scan# 1160

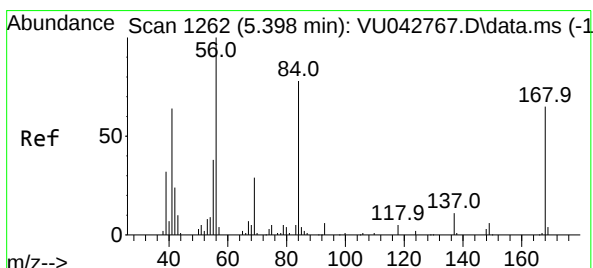
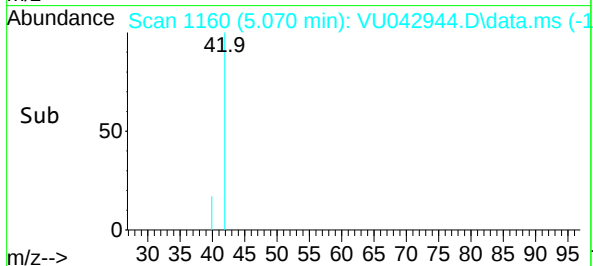
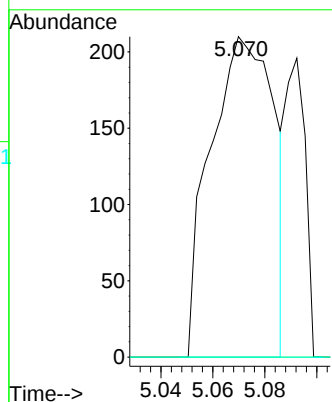
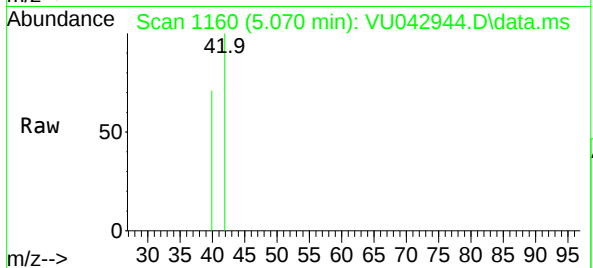
Delta R.T. 0.010 min

Lab File: VU042944.D

Acq: 06 Apr 2021 11:14

Tgt Ion:	42	Resp:	356
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.2	45.4#
71	0.0	28.6	42.8#

Instrument :
MSVOA_U
ClientSampled :



#31

Cyclohexane

Concen: 1.25 ug/l

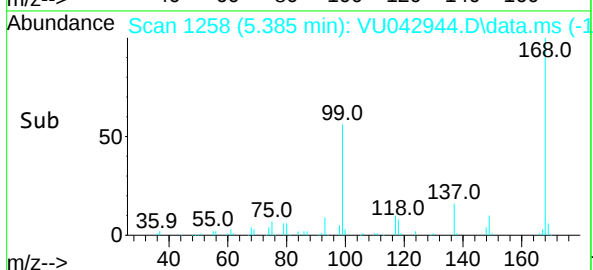
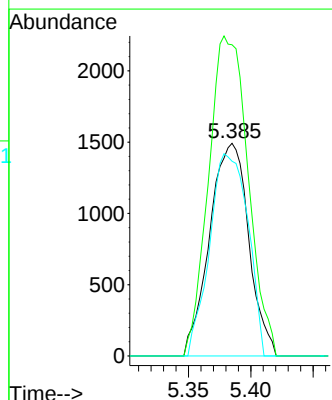
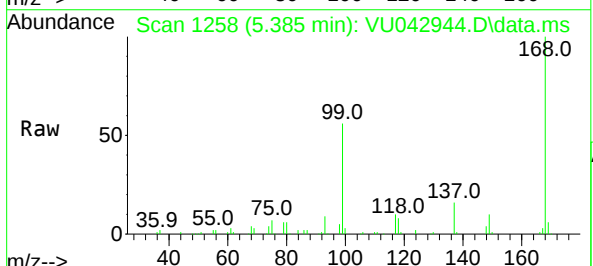
RT: 5.385 min Scan# 1258

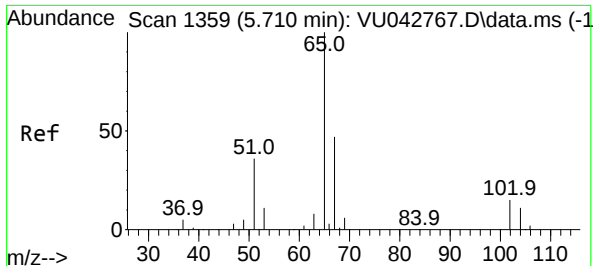
Delta R.T. -0.013 min

Lab File: VU042944.D

Acq: 06 Apr 2021 11:14

Tgt Ion:	56	Resp:	3256
Ion	Ratio	Lower	Upper
56	100		
69	146.3	23.3	34.9#
84	91.6	62.2	93.4





#33

1,2-Dichloroethane-d4

Concen: 49.87 ug/l

RT: 5.713 min Scan# 1360

Delta R.T. 0.003 min

Lab File: VU042944.D

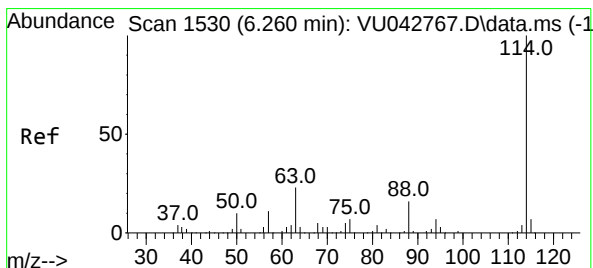
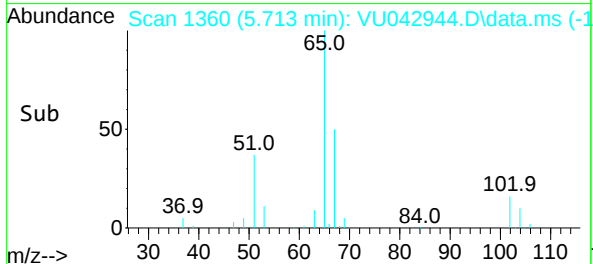
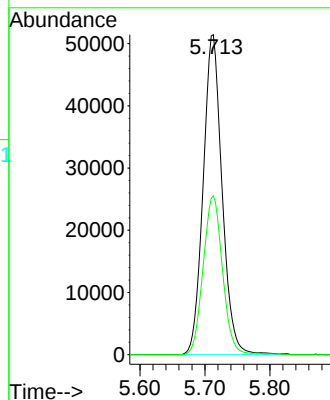
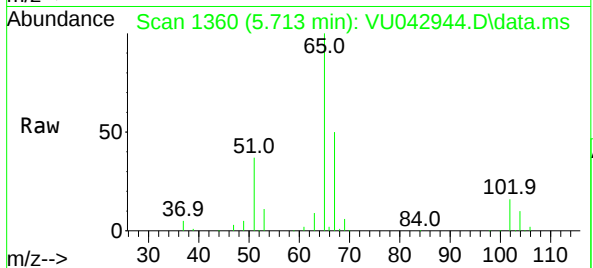
Acq: 06 Apr 2021 11:14

Tgt Ion: 65 Resp: 104231

Ion Ratio Lower Upper

65 100

67 50.5 0.0 98.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.259 min Scan# 1530

Delta R.T. -0.001 min

Lab File: VU042944.D

Acq: 06 Apr 2021 11:14

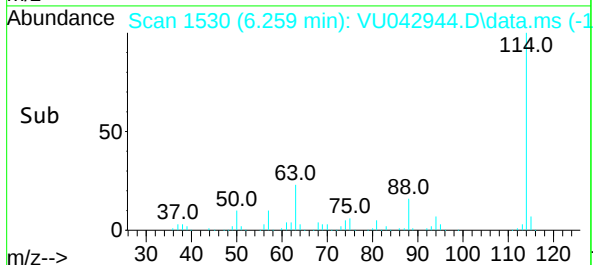
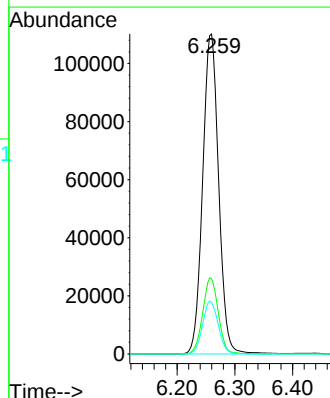
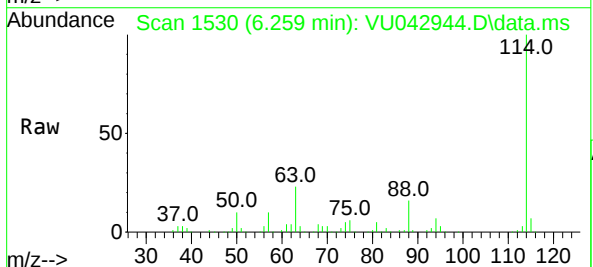
Tgt Ion: 114 Resp: 211662

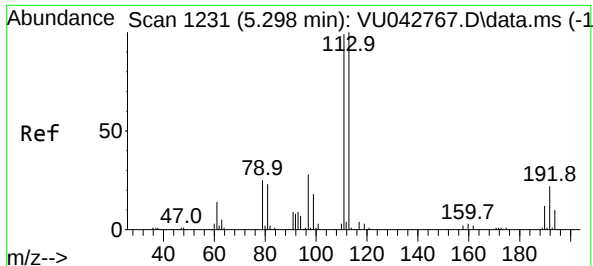
Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.8

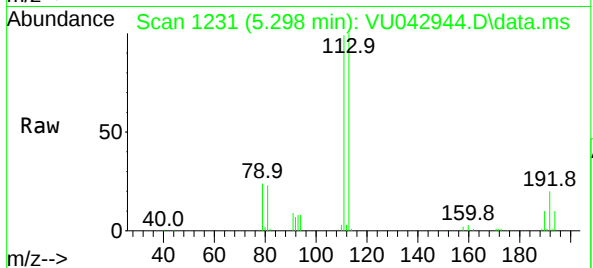
88 16.1 0.0 32.2



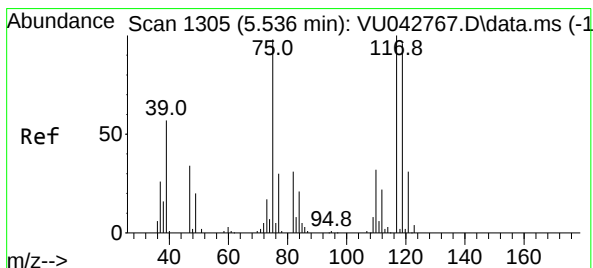
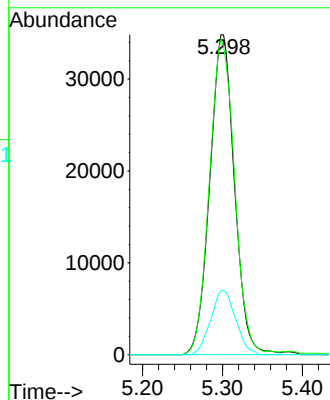
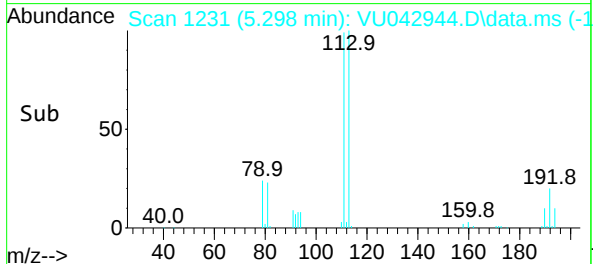


#35
Dibromofluoromethane
Concen: 47.07 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

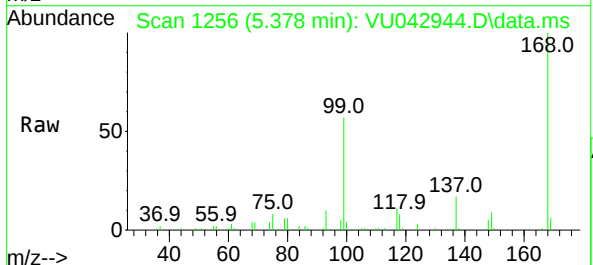
Instrument :
MSVOA_U
ClientSampleId :



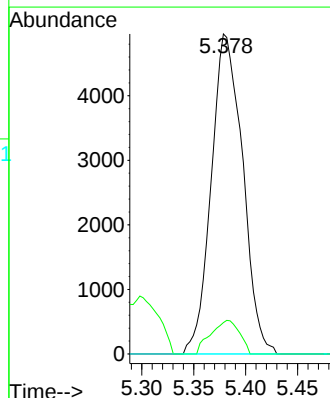
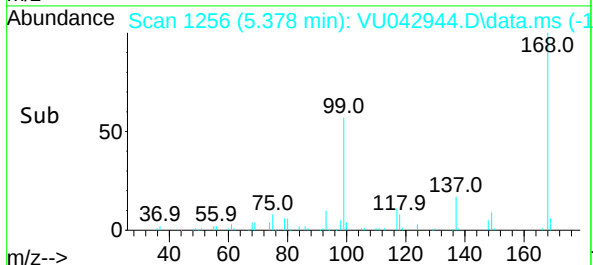
Tgt Ion:113 Resp: 74357
Ion Ratio Lower Upper
113 100
111 100.4 82.1 123.1
192 20.4 17.6 26.4

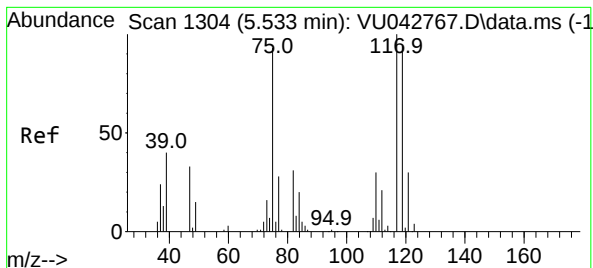


#36
1,1-Dichloropropene
Concen: 4.98 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.158 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14



Tgt Ion: 75 Resp: 10416
Ion Ratio Lower Upper
75 100
110 9.6 16.6 49.7#
77 0.0 24.7 37.1#

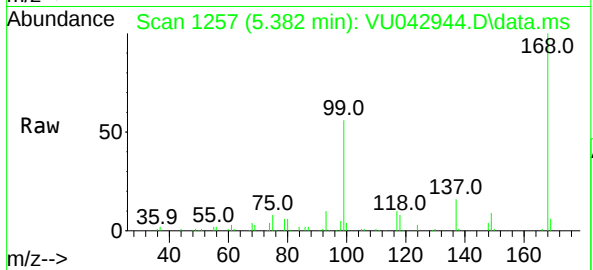




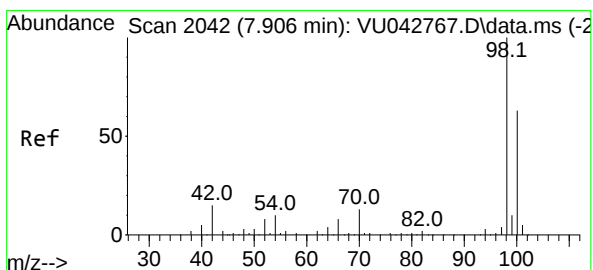
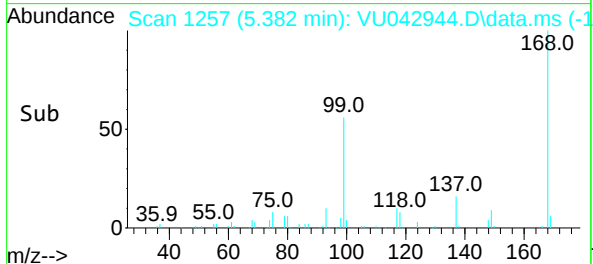
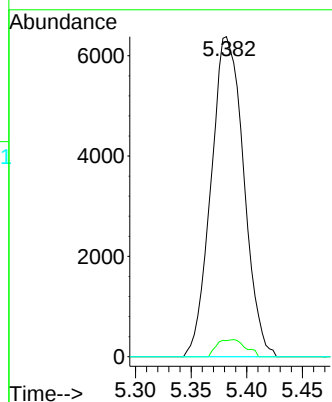
#38

Carbon Tetrachloride
Concen: 5.44 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

Instrument :
MSVOA_U
ClientSampled :



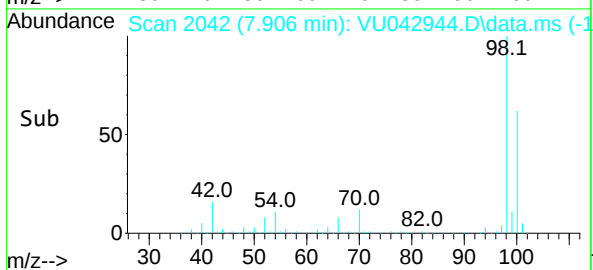
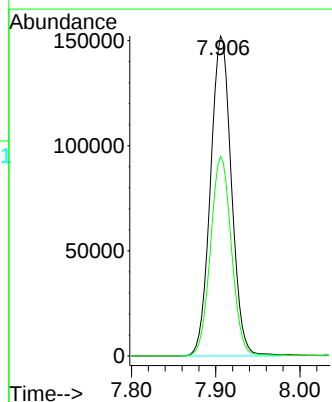
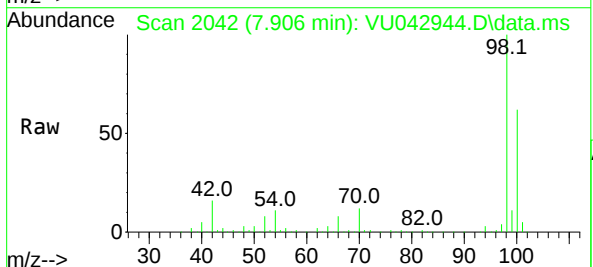
Tgt Ion:117 Resp: 13010
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 24.2 36.4#

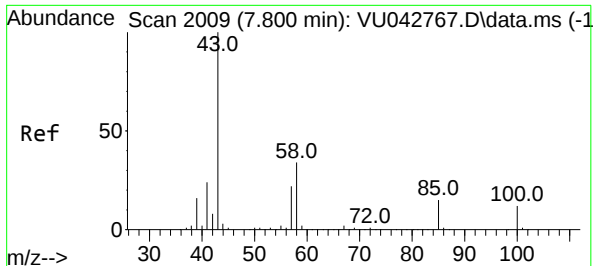


#50

Toluene-d8
Concen: 47.19 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

Tgt Ion: 98 Resp: 262240
Ion Ratio Lower Upper
98 100
100 62.4 50.4 75.6

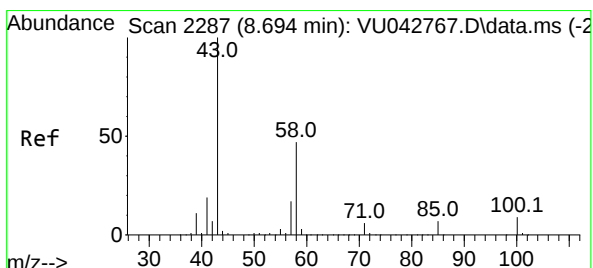
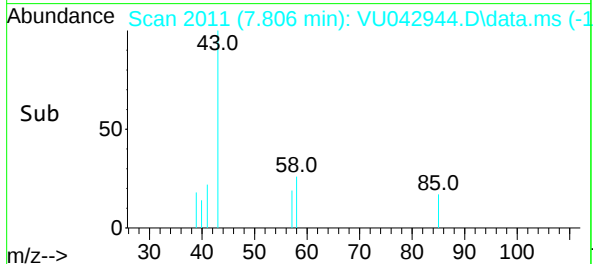
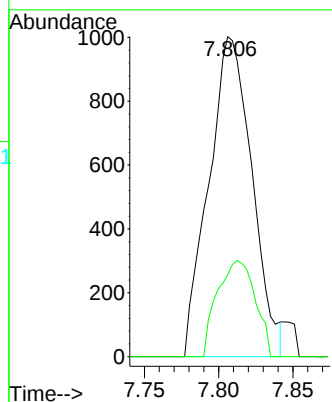
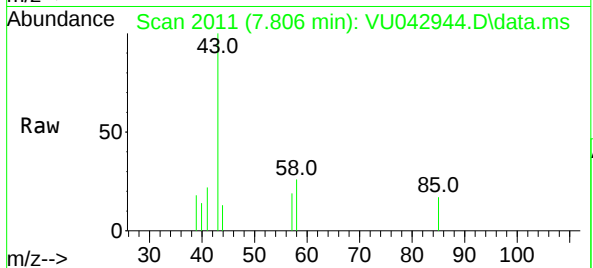




#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 7.806 min Scan# 2011
Delta R.T. 0.006 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

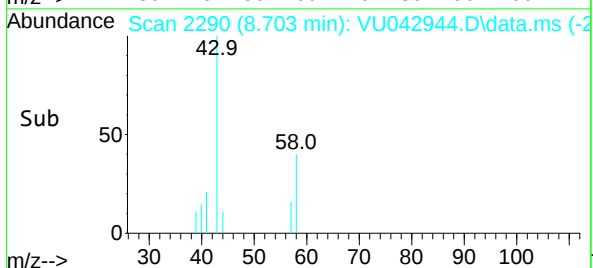
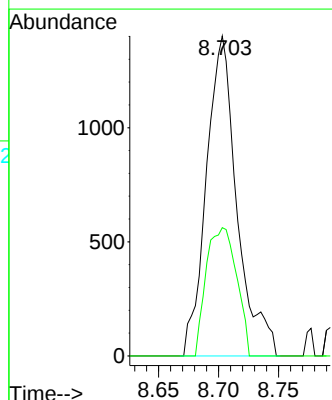
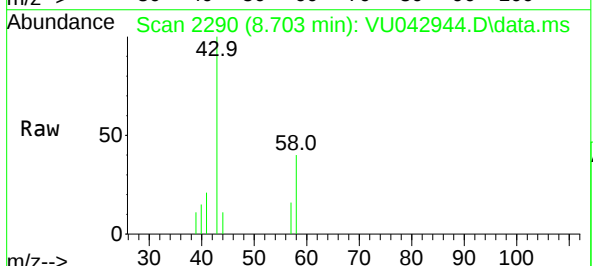
Instrument :
MSVOA_U
ClientSampleId :

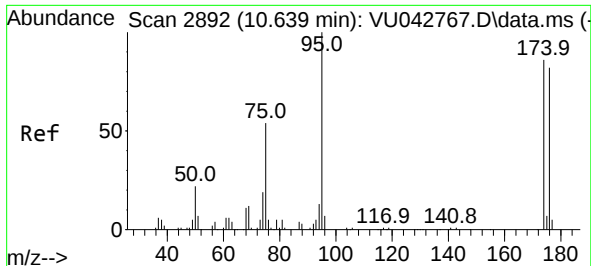
Tgt Ion: 43 Resp: 2024
Ion Ratio Lower Upper
43 100
58 26.3 27.4 41.2#



#59
2-Hexanone
Concen: 0.91 ug/l
RT: 8.703 min Scan# 2290
Delta R.T. 0.009 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

Tgt Ion: 43 Resp: 2491
Ion Ratio Lower Upper
43 100
58 39.6 23.8 71.2

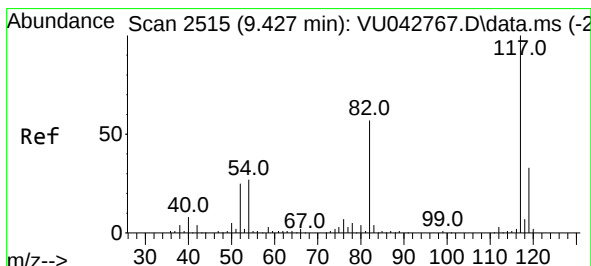
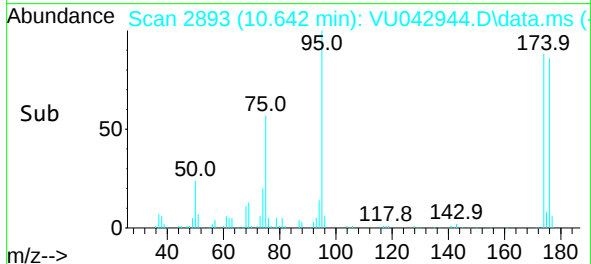
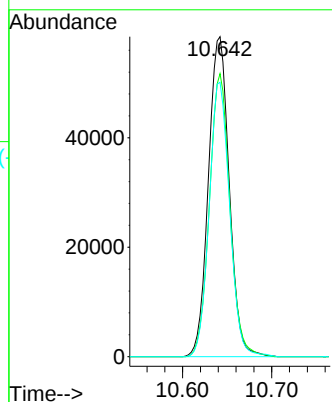
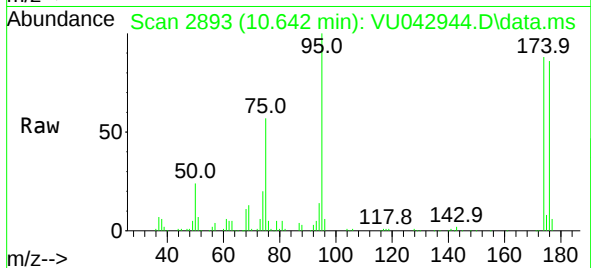




#62
4-Bromofluorobenzene
Concen: 44.06 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

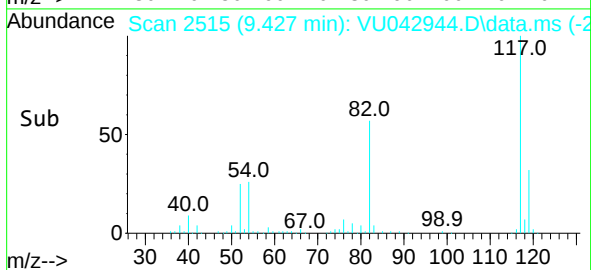
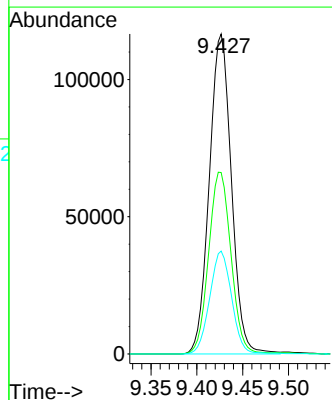
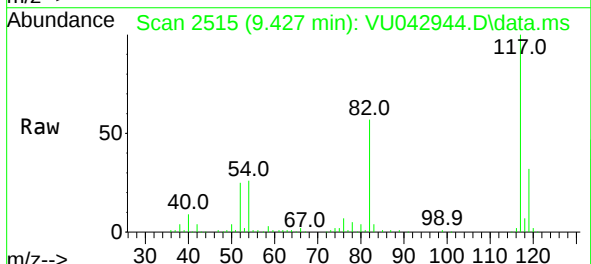
Instrument :
MSVOA_U
ClientSampled :

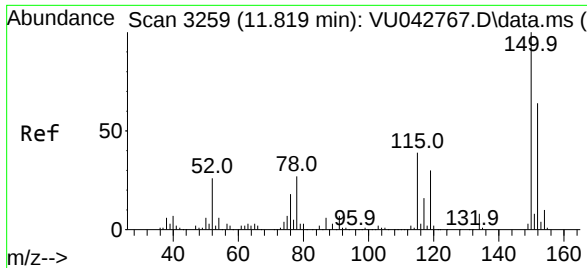
Tgt Ion: 95 Resp: 95148
Ion Ratio Lower Upper
95 100
174 86.6 0.0 175.2
176 84.1 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

Tgt Ion: 117 Resp: 195343
Ion Ratio Lower Upper
117 100
82 56.7 45.5 68.3
119 32.2 26.2 39.4

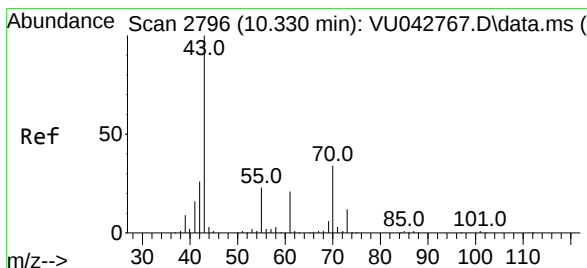
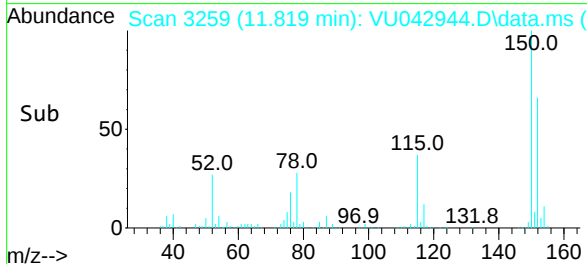
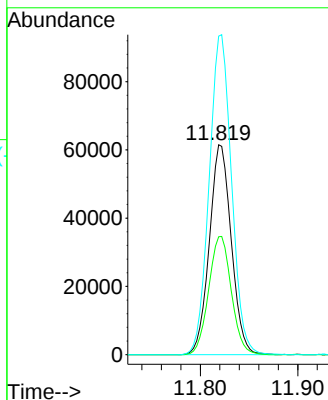
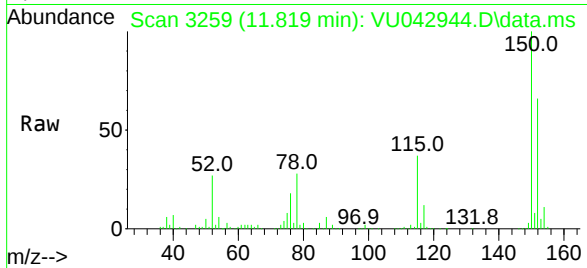




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

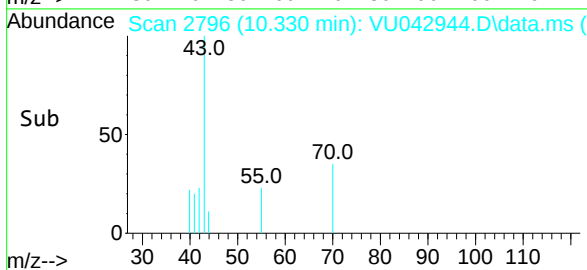
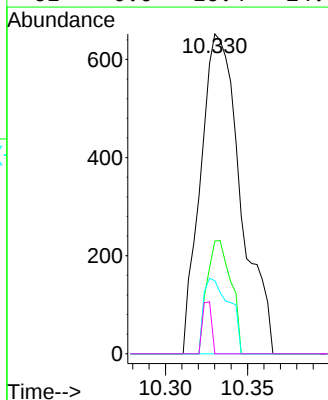
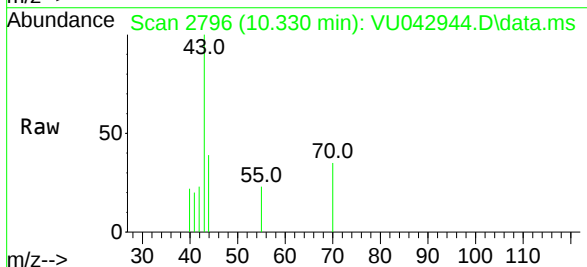
Instrument :
MSVOA_U
ClientSampleId :

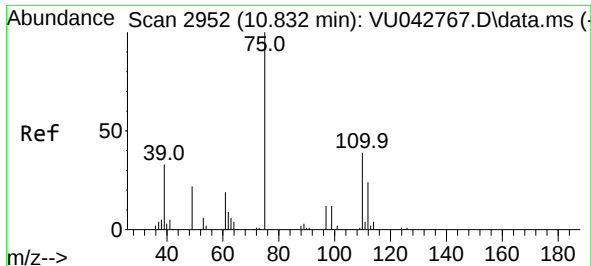
Tgt Ion:152 Resp: 96522
Ion Ratio Lower Upper
152 100
115 57.9 41.0 123.0
150 155.2 0.0 341.0



#74
N-ethyl acetate
Concen: 0.32 ug/l
RT: 10.330 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
70 21.1 27.8 41.6#
55 15.1 18.4 27.6#
61 0.0 16.4 24.6#

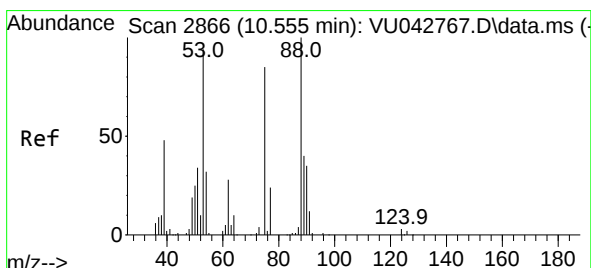
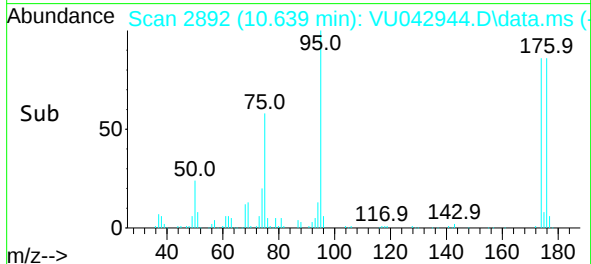
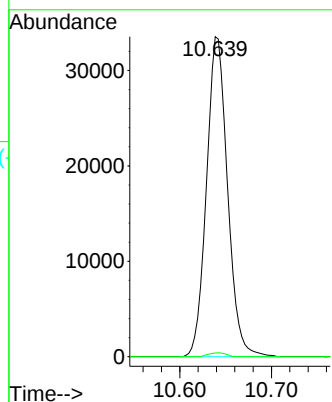
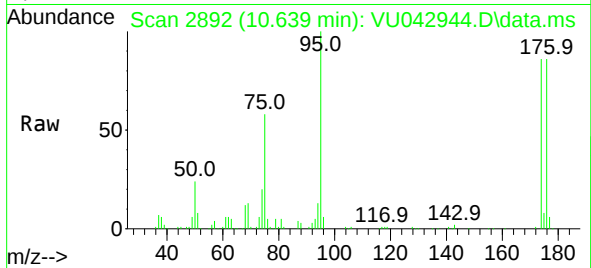




#76
1,2,3-Trichloropropane
Concen: 21.83 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

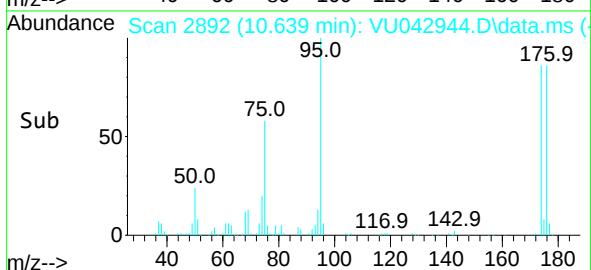
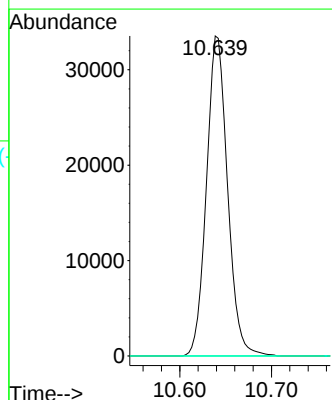
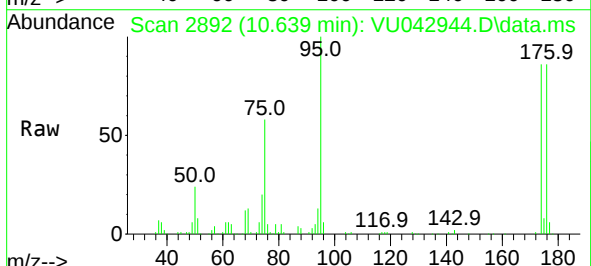
Instrument :
MSVOA_U
ClientSampled :

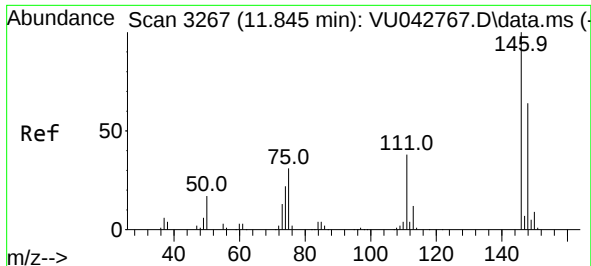
Tgt Ion: 75 Resp: 53580
Ion Ratio Lower Upper
75 100
77 1.0 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.67 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

Tgt Ion: 75 Resp: 53580
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#

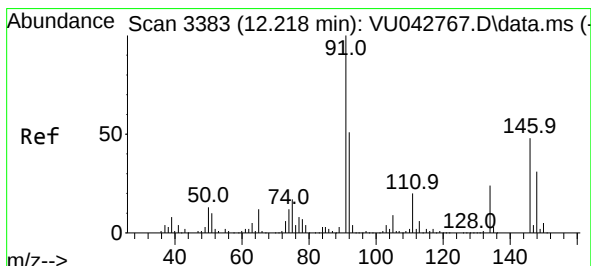
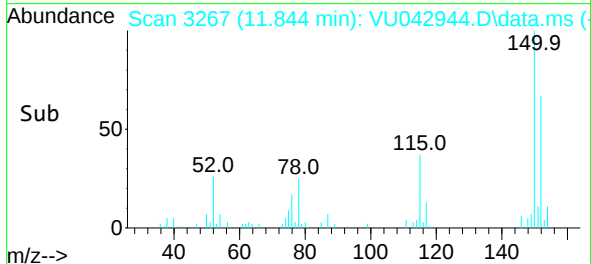
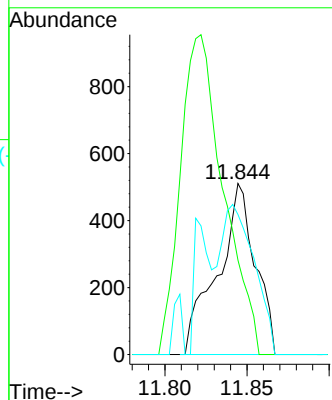
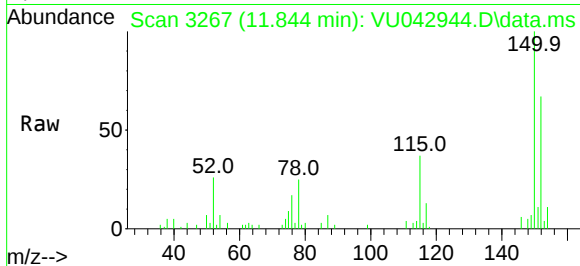




#88
1,4-Dichlorobenzene
Concen: 0.26 ug/l
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

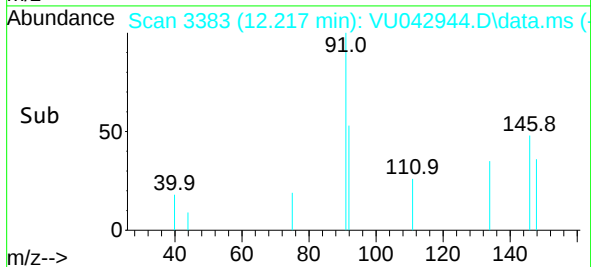
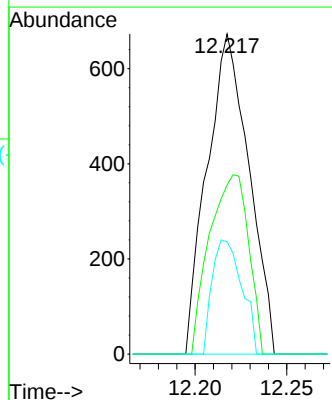
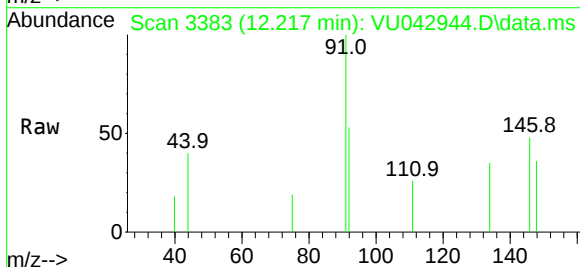
Instrument :
MSVOA_U
ClientSampleId :

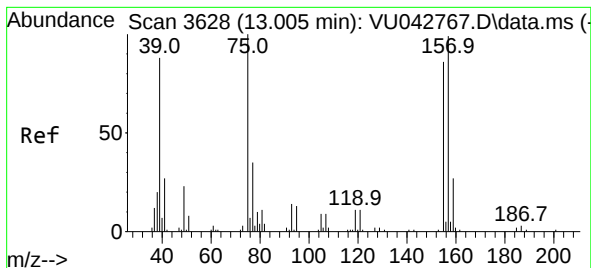
Tgt Ion:146 Resp: 815
Ion Ratio Lower Upper
146 100
111 0.0 19.4 58.2#
148 80.4 32.4 97.0



#89
n-Butylbenzene
Concen: 0.21 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

Tgt Ion: 91 Resp: 1064
Ion Ratio Lower Upper
91 100
92 52.4 25.7 77.1
134 25.3 12.1 36.3

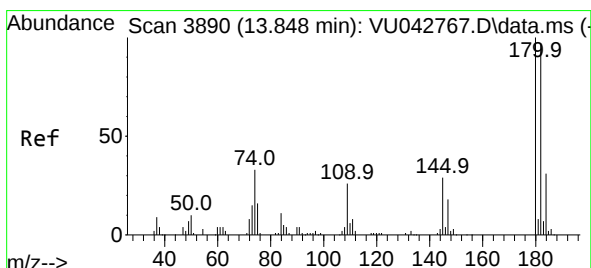
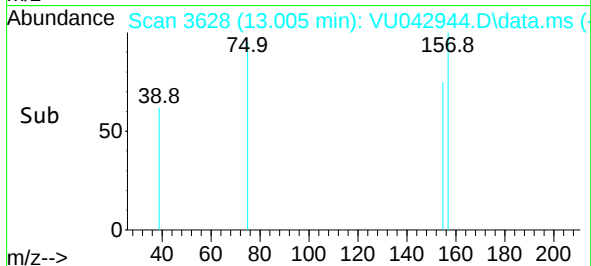
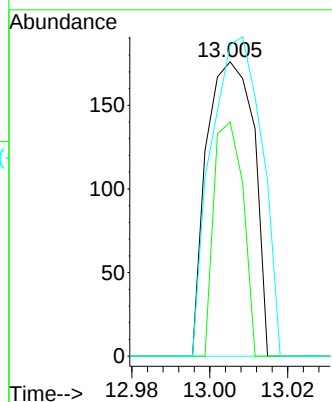
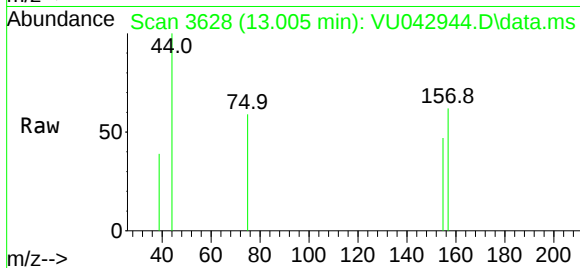




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.22 ug/l
 RT: 13.005 min Scan# 3628
 Delta R.T. -0.000 min
 Lab File: VU042944.D
 Acq: 06 Apr 2021 11:14

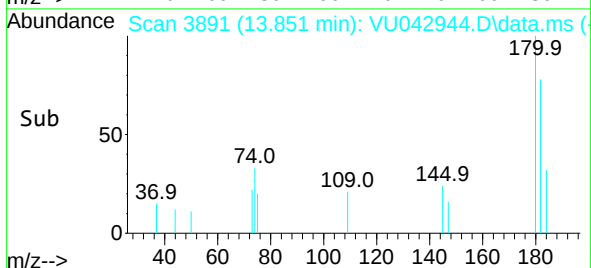
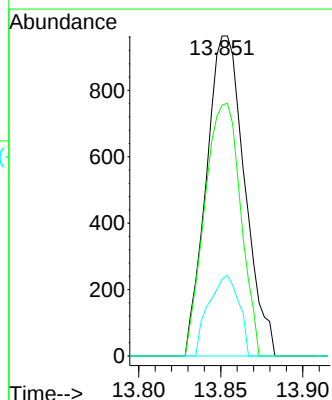
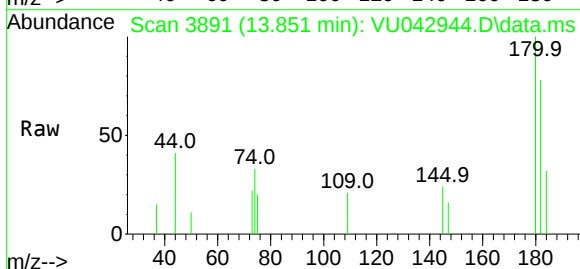
Instrument :
 MSVOA_U
 ClientSampleId :

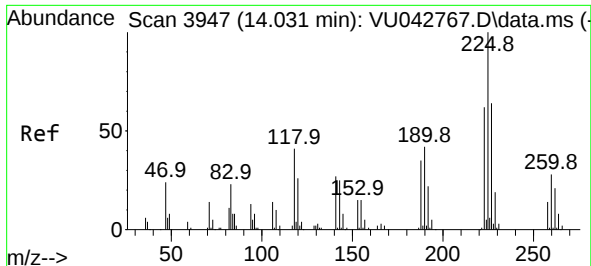
Tgt Ion: 75 Resp: 148
 Ion Ratio Lower Upper
 75 100
 155 49.3 40.8 122.5
 157 116.2 51.4 154.3



#93
 1,2,4-Trichlorobenzene
 Concen: 0.80 ug/l
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.003 min
 Lab File: VU042944.D
 Acq: 06 Apr 2021 11:14

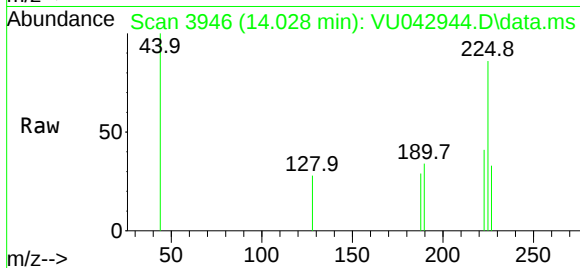
Tgt Ion:180 Resp: 1562
 Ion Ratio Lower Upper
 180 100
 182 74.0 48.0 144.0
 145 19.8 14.5 43.5



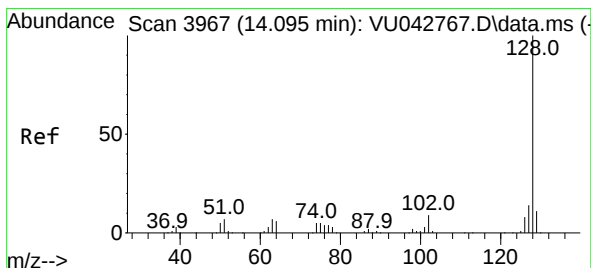
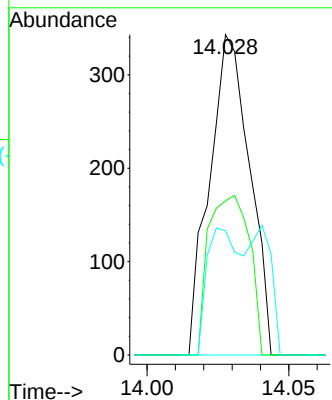
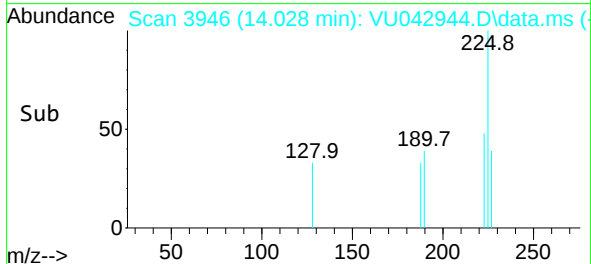


#94
Hexachlorobutadiene
Concen: 0.29 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. -0.003 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14

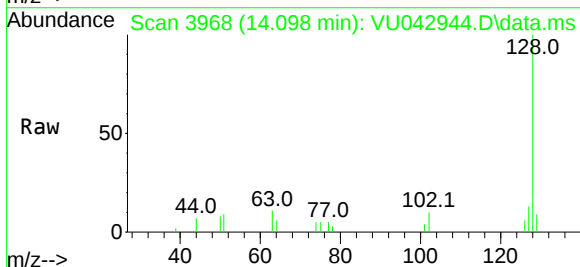
Instrument :
MSVOA_U
ClientSampleId :



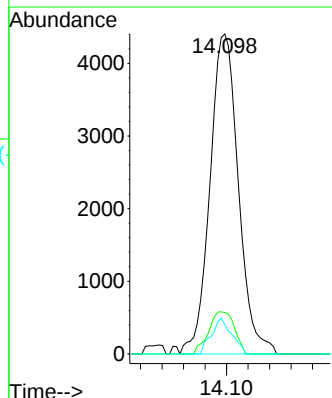
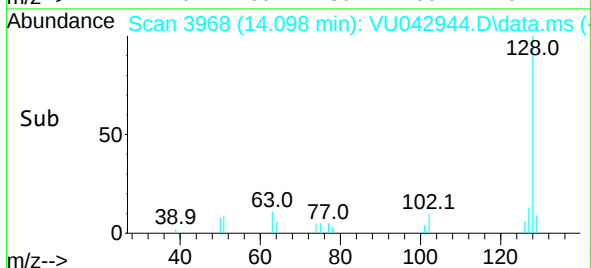
Tgt Ion:225 Resp: 338
Ion Ratio Lower Upper
225 100
223 50.6 31.4 94.3
227 33.7 31.9 95.5

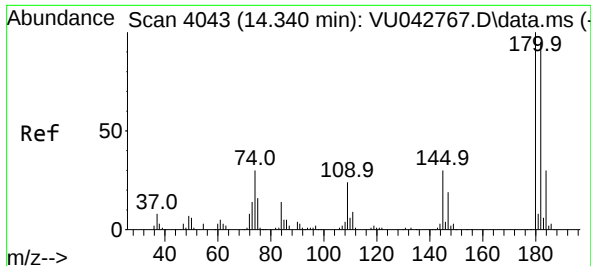


#95
Naphthalene
Concen: 3.75 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042944.D
Acq: 06 Apr 2021 11:14



Tgt Ion:128 Resp: 8096
Ion Ratio Lower Upper
128 100
127 11.9 10.9 16.3
129 8.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.85 ug/l
 RT: 14.340 min Scan# 4043
 Delta R.T. -0.000 min
 Lab File: VU042944.D
 Acq: 06 Apr 2021 11:14

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 1692
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.5 142.6
 145 30.5 15.0 45.0

