

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042774.D
 Acq On : 25 Mar 2021 10:37
 Operator : SY/MD
 Sample : VU0325MBL01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0325MBL01

Quant Time: Mar 26 02:03:10 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)

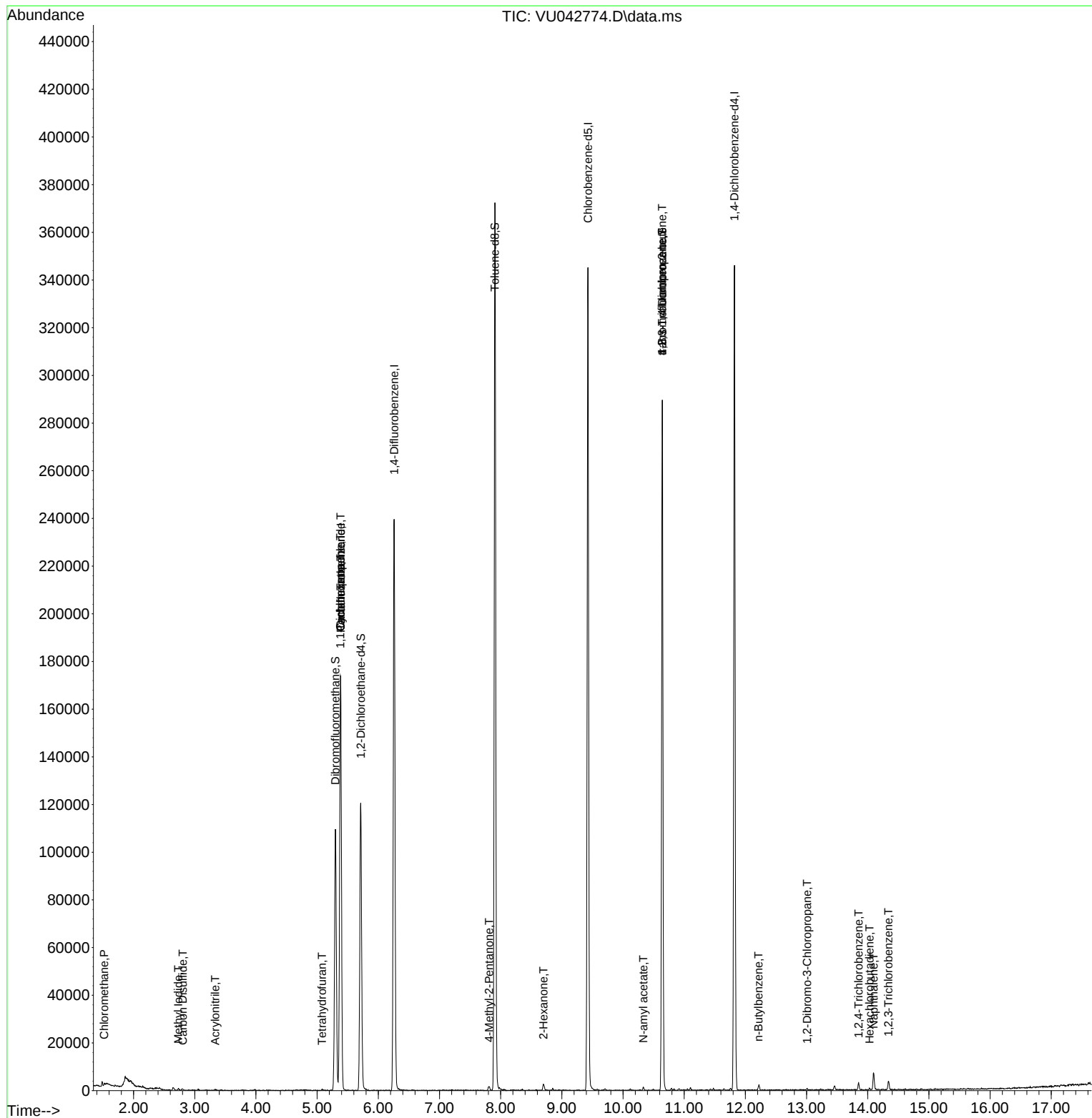
Internal Standards						
1) Pentafluorobenzene	5.385	168	120180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	185897	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	175417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	86400	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	94489	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	5.298	113	66270	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
50) Toluene-d8	7.906	98	230297	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	10.642	95	83600	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	606	0.40	ug/l #	86
5) Bromomethane	1.861	94	629	Below Cal		90
10) Methyl Iodide	2.732	142	652	0.42	ug/l #	78
15) Acrylonitrile	3.337	53	228	0.24	ug/l #	56
16) Acetone	2.652	43	965	Below Cal	#	48
17) Carbon Disulfide	2.803	76	756	0.25	ug/l #	75
29) Tetrahydrofuran	5.080	42	270	0.28	ug/l #	38
31) Cyclohexane	5.382	56	2900	1.22	ug/l #	29
36) 1,1-Dichloropropene	5.379	75	9911	5.39	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12249	5.84	ug/l #	18
51) 4-Methyl-2-Pentanone	7.813	43	1482	0.49	ug/l #	87
59) 2-Hexanone	8.700	43	2249	0.94	ug/l	96
74) N-amyl acetate	10.333	43	840	0.27	ug/l #	82
76) 1,2,3-Trichloropropane	10.642	75	47608	21.67	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.642	75	47608	64.19	ug/l #	6
89) n-Butylbenzene	12.214	91	1108	0.24	ug/l	78
92) 1,2-Dibromo-3-Chloropr...	13.012	75	178	0.30	ug/l #	53
93) 1,2,4-Trichlorobenzene	13.851	180	1263	0.72	ug/l	96
94) Hexachlorobutadiene	14.031	225	264	0.26	ug/l #	52
95) Naphthalene	14.095	128	6442	3.62	ug/l	98
96) 1,2,3-Trichlorobenzene	14.340	180	1509	0.85	ug/l	94

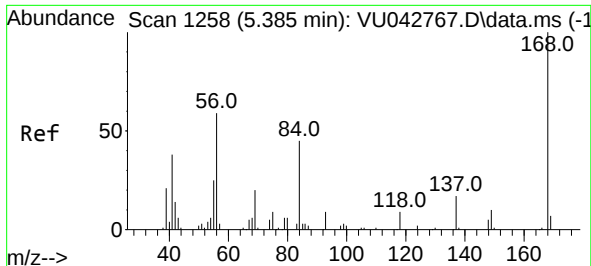
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
Data File : VU042774.D
Acq On : 25 Mar 2021 10:37
Operator : SY/MD
Sample : VU0325MBL01
Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0325MBL01

Quant Time: Mar 26 02:03:10 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

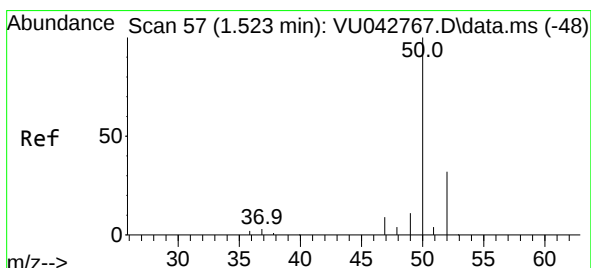
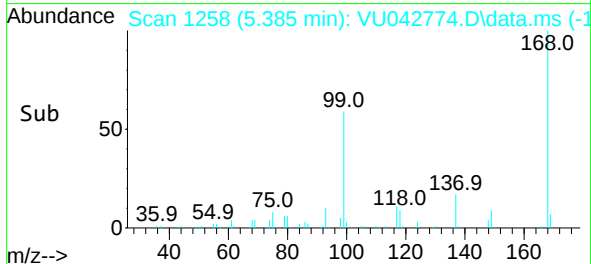
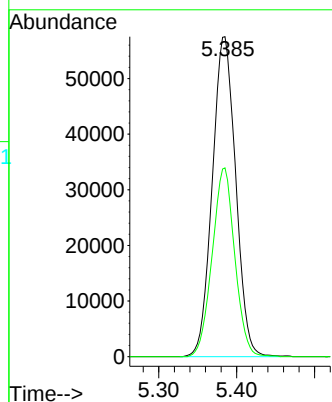
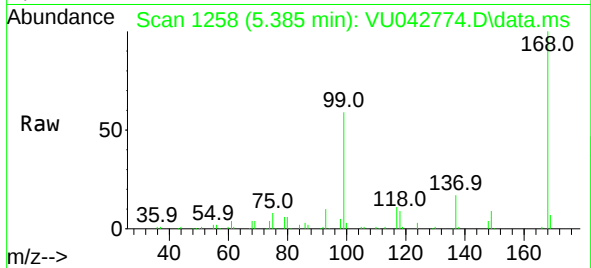




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

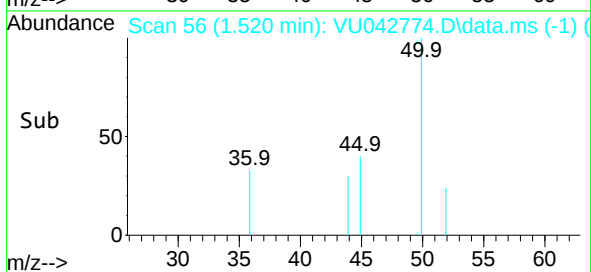
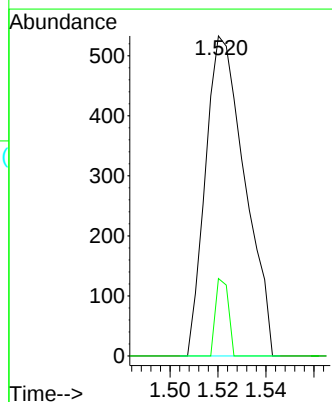
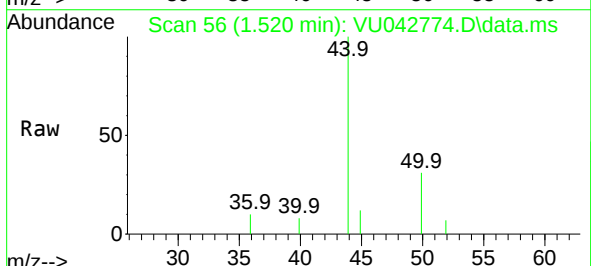
Instrument :
MSVOA_U
ClientSampleId :
VU0325MBL01

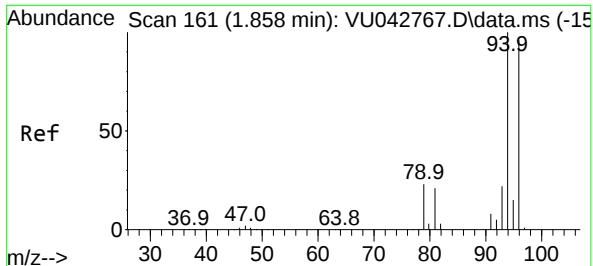
Tgt Ion:168 Resp: 120180
Ion Ratio Lower Upper
168 100
99 59.0 46.4 69.6



#3
Chloromethane
Concen: 0.40 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

Tgt Ion: 50 Resp: 606
Ion Ratio Lower Upper
50 100
52 24.2 25.4 38.0#

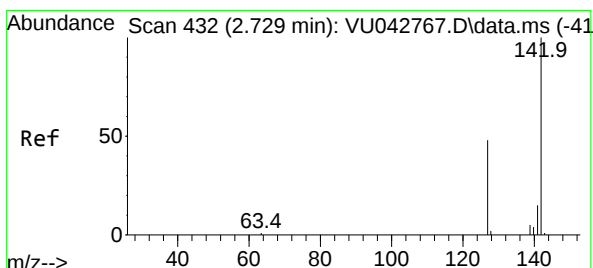
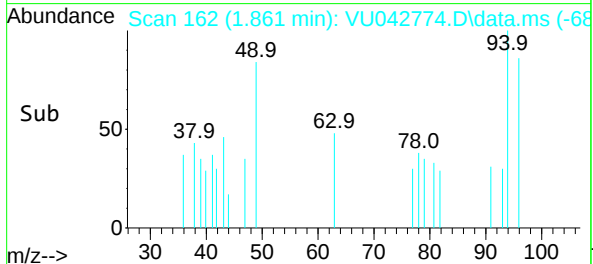
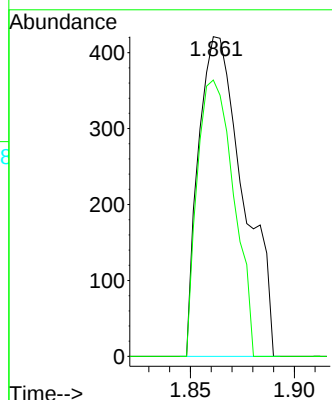
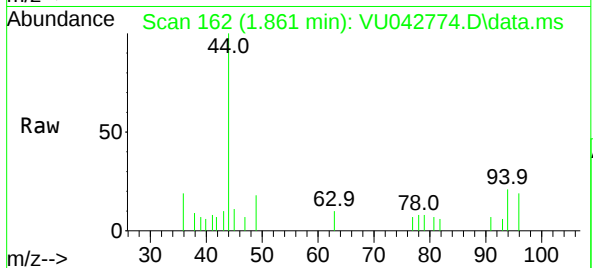




#5
Bromomethane
Concen: Below Cal
RT: 1.861 min Scan# 162
Delta R.T. 0.003 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

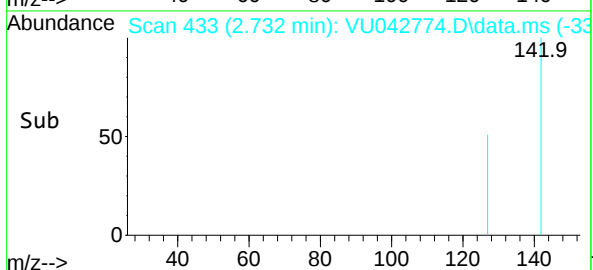
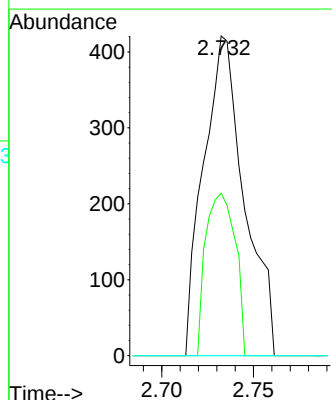
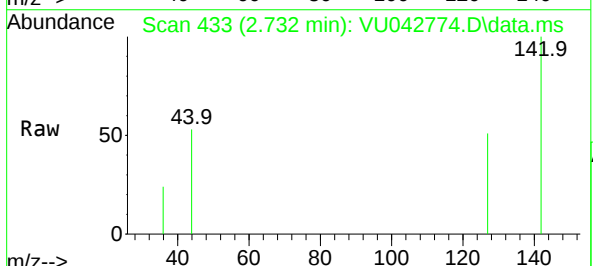
Instrument :
MSVOA_U
ClientSampleId :
VU0325MBL01

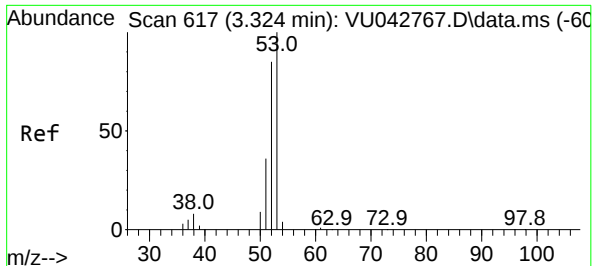
Tgt Ion: 94 Resp: 629
Ion Ratio Lower Upper
94 100
96 86.5 77.1 115.7



#10
Methyl Iodide
Concen: 0.42 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.003 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

Tgt Ion:142 Resp: 652
Ion Ratio Lower Upper
142 100
127 36.7 38.7 58.1#
141 0.0 12.0 18.0#

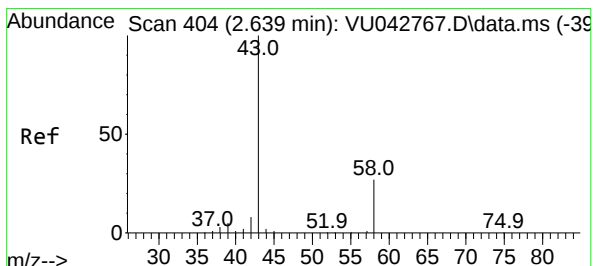
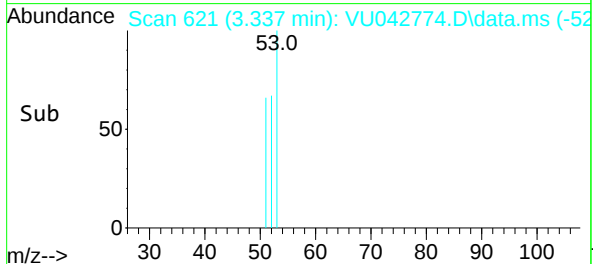
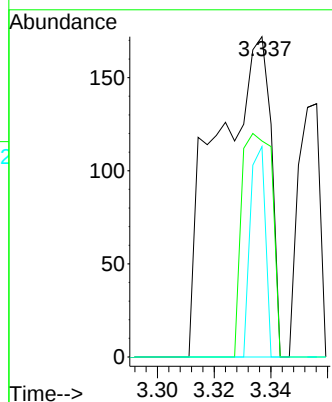
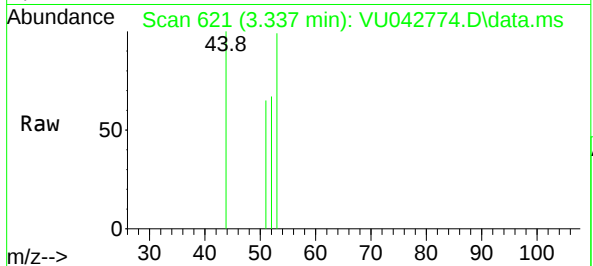




#15
Acrylonitrile
Concen: 0.24 ug/l
RT: 3.337 min Scan# 621
Delta R.T. 0.013 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

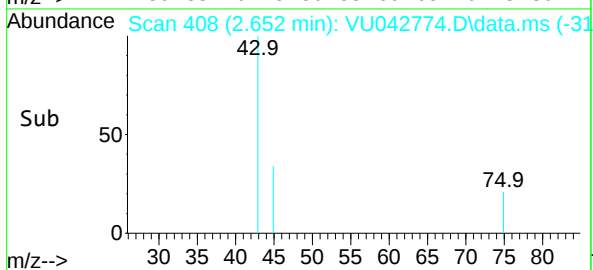
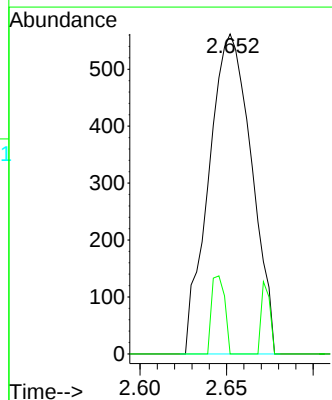
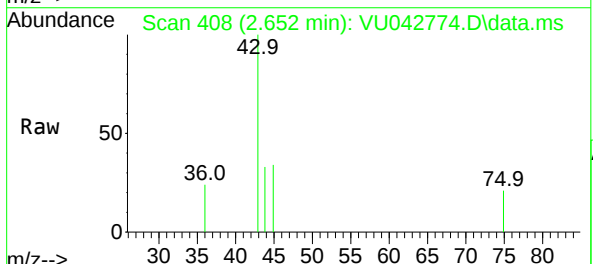
Instrument :
MSVOA_U
ClientSampleId :
VU0325MBL01

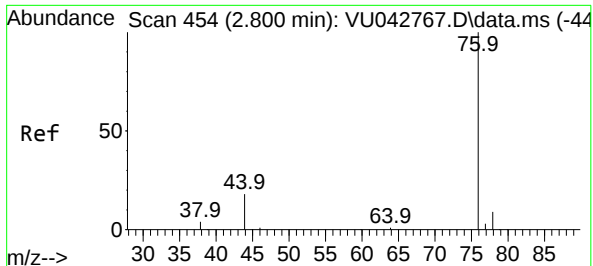
Tgt Ion: 53 Resp: 228
Ion Ratio Lower Upper
53 100
52 39.0 67.4 101.0#
51 18.4 29.8 44.6#



#16
Acetone
Concen: Below Cal
RT: 2.652 min Scan# 408
Delta R.T. 0.013 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#

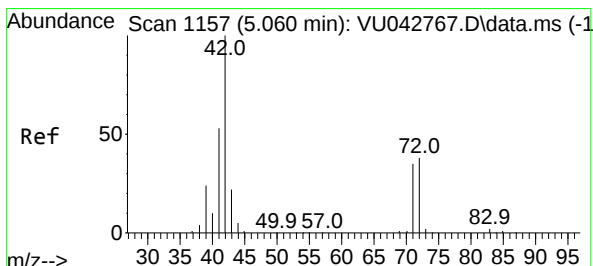
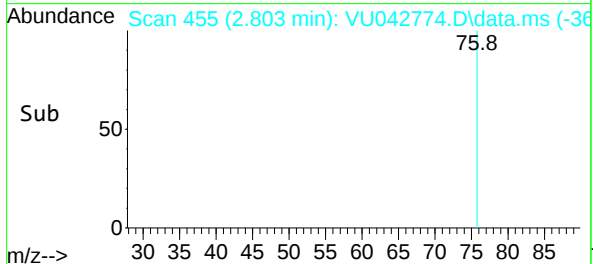
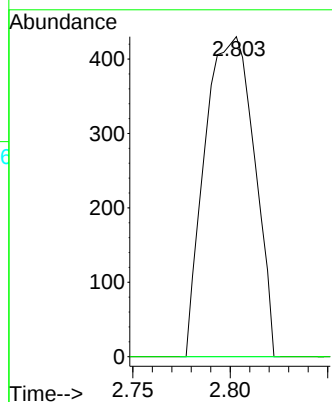
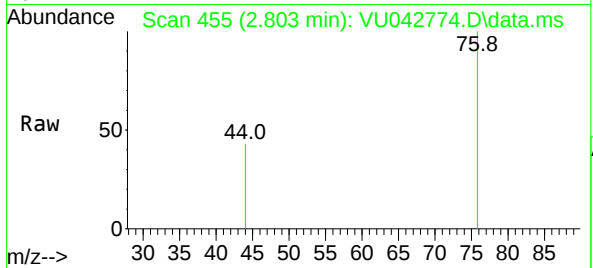




#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

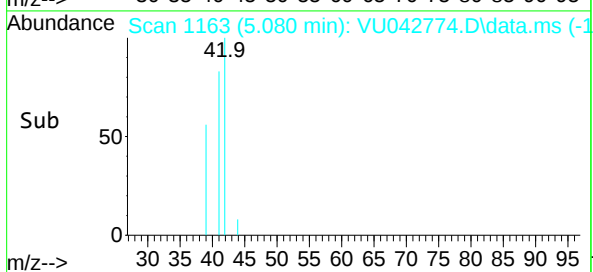
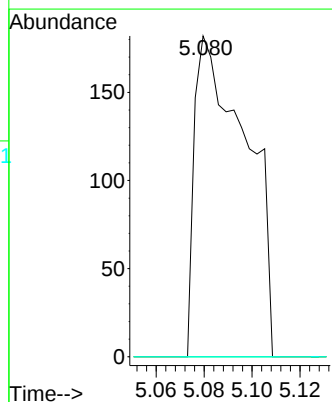
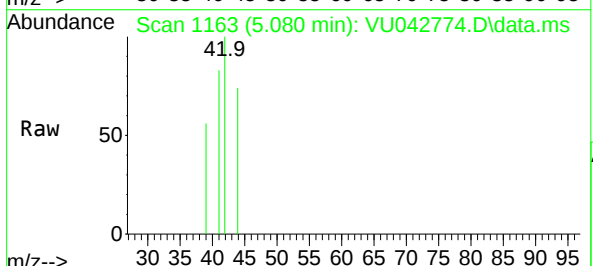
Instrument :
MSVOA_U
ClientSampleId :
VU0325MBL01

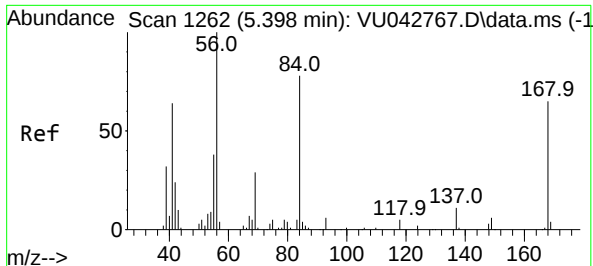
Tgt Ion: 76 Resp: 756
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#29
Tetrahydrofuran
Concen: 0.28 ug/l
RT: 5.080 min Scan# 1163
Delta R.T. 0.019 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

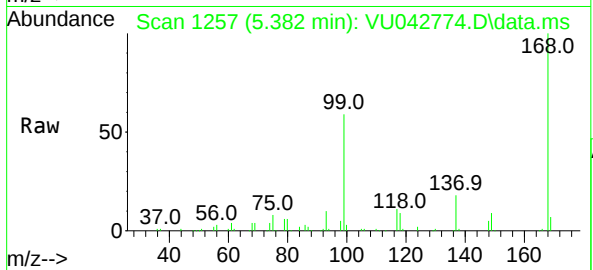
Tgt Ion: 42 Resp: 270
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.4#
71 0.0 28.6 42.8#



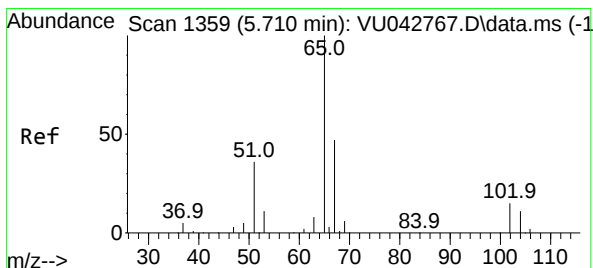
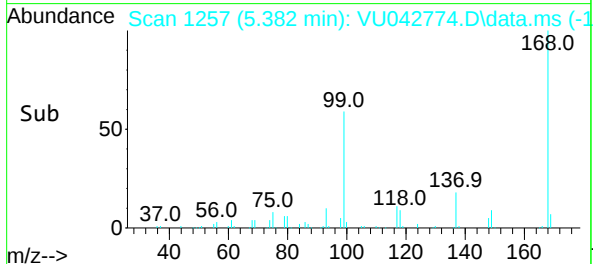
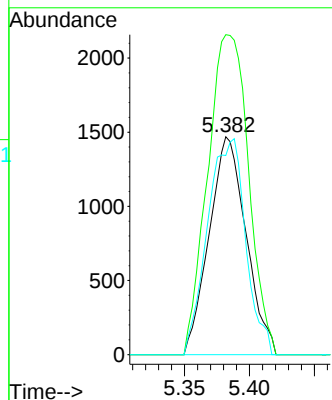


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VU0325MBL01

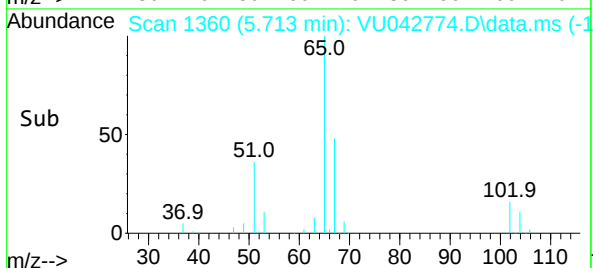
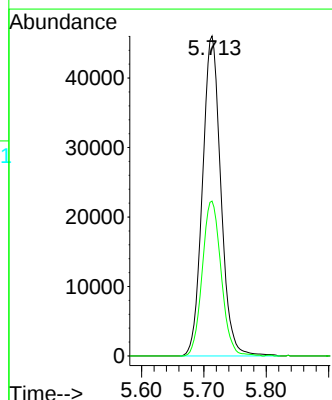
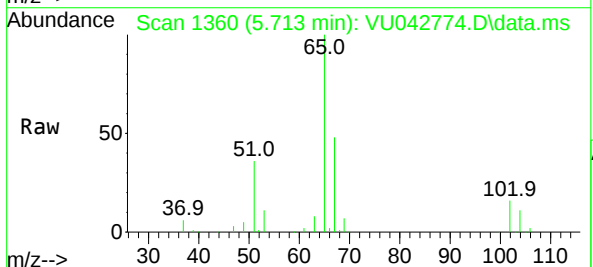


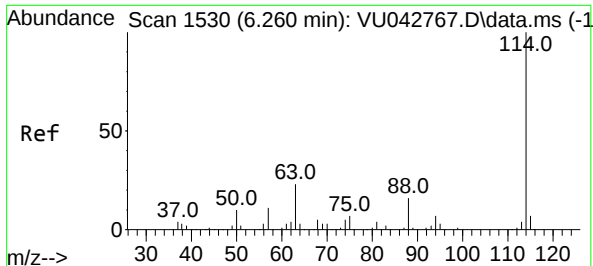
Tgt Ion: 56 Resp: 2900
Ion Ratio Lower Upper
56 100
69 146.8 23.3 34.9#
84 91.4 62.2 93.4



#33
1,2-Dichloroethane-d4
Concen: 49.32 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

Tgt Ion: 65 Resp: 94489
Ion Ratio Lower Upper
65 100
67 49.8 0.0 98.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.260 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VU042774.D

Acq: 25 Mar 2021 10:37

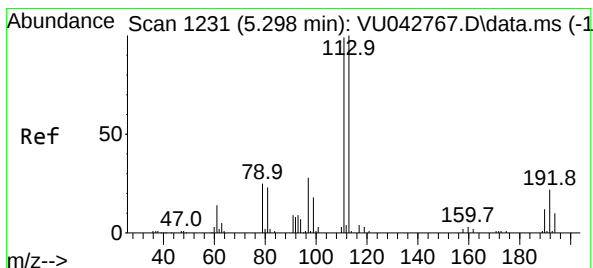
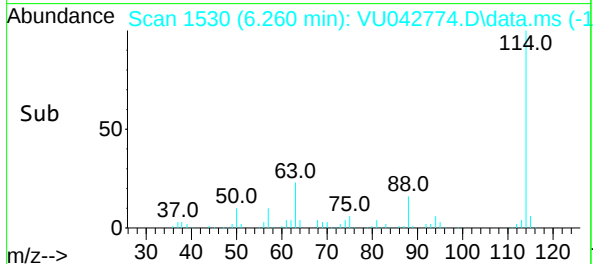
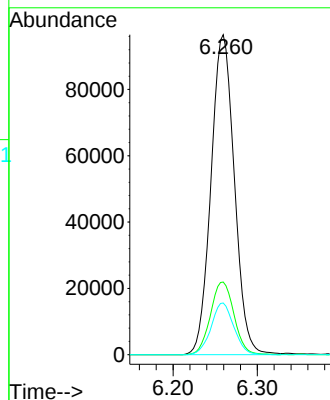
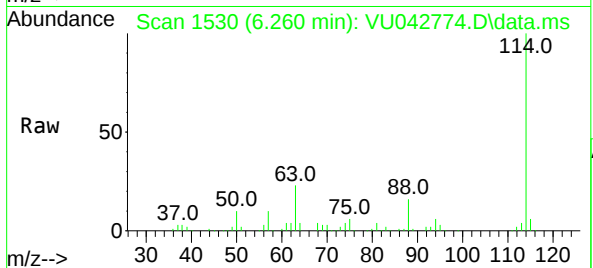
Tgt Ion:114 Resp: 185897

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.8

88 16.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.77 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU042774.D

Acq: 25 Mar 2021 10:37

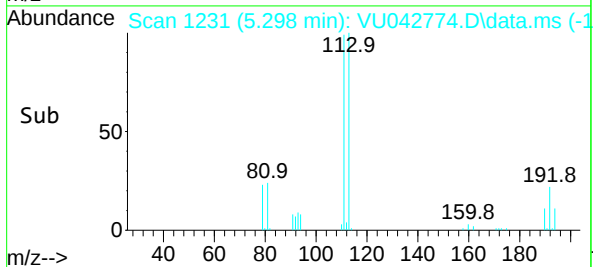
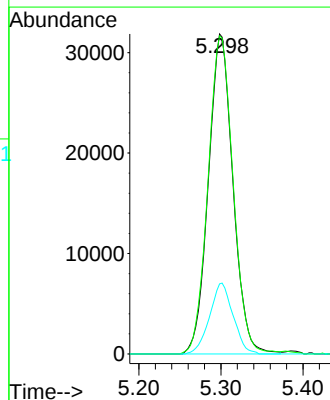
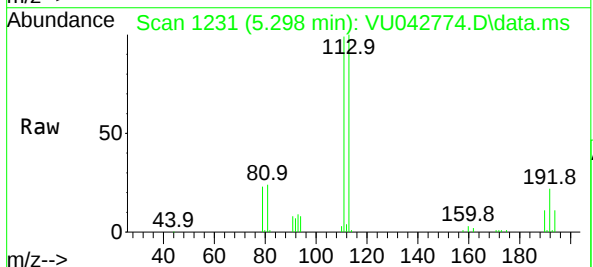
Tgt Ion:113 Resp: 66270

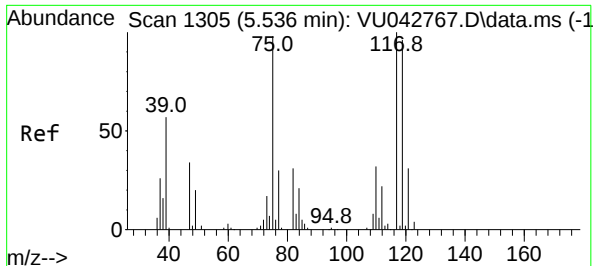
Ion Ratio Lower Upper

113 100

111 101.5 82.1 123.1

192 21.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.39 ug/l

RT: 5.379 min Scan# 1256

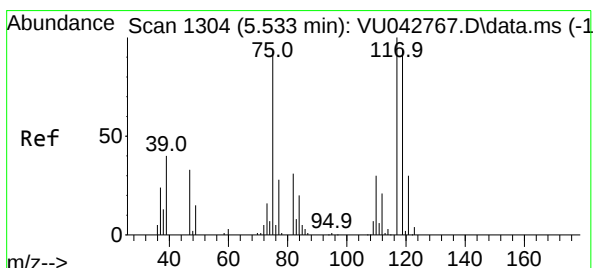
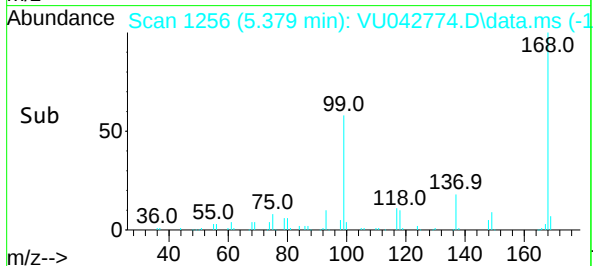
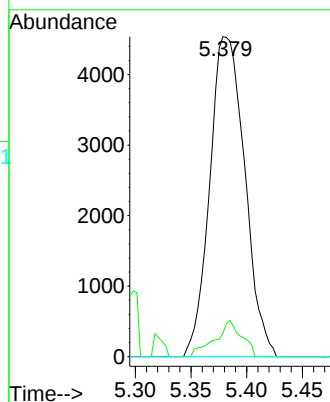
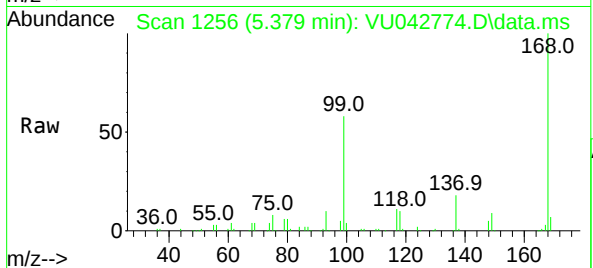
Delta R.T. -0.158 min

Lab File: VU042774.D

Acq: 25 Mar 2021 10:37

Tgt Ion:	75	Resp:	9911
Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.6	49.7#
77	0.0	24.7	37.1#

Instrument :
MSVOA_U
ClientSampleId :
VU0325MBL01



#38

Carbon Tetrachloride

Concen: 5.84 ug/l

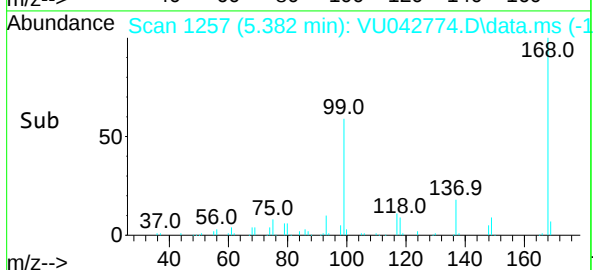
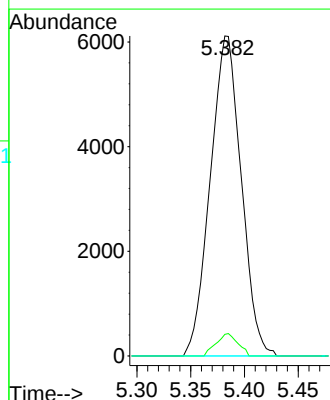
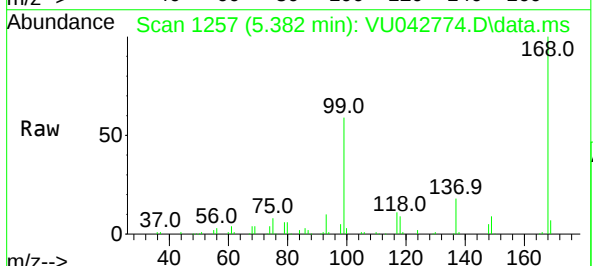
RT: 5.382 min Scan# 1257

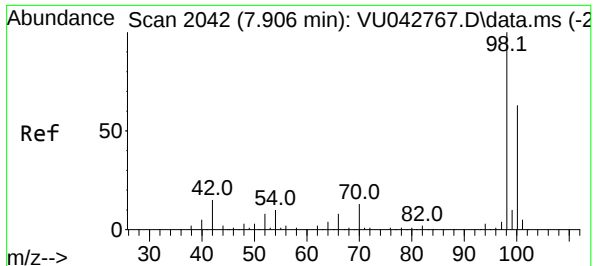
Delta R.T. -0.151 min

Lab File: VU042774.D

Acq: 25 Mar 2021 10:37

Tgt Ion:	117	Resp:	12249
Ion	Ratio	Lower	Upper
117	100		
119	6.8	75.2	112.8#
121	0.0	24.2	36.4#

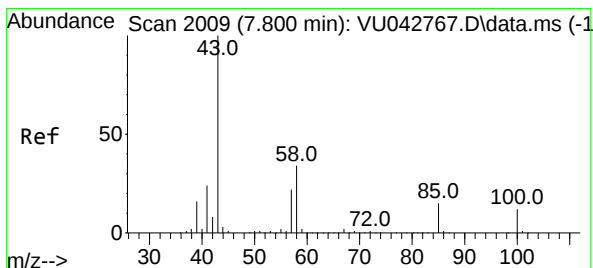
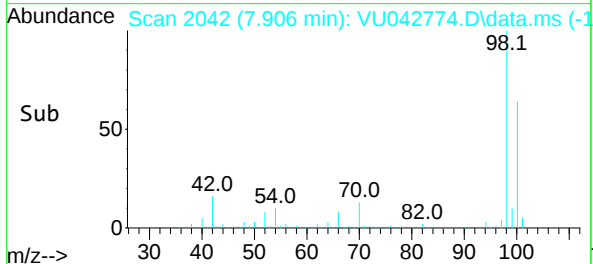
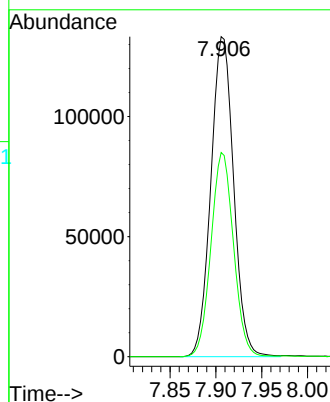
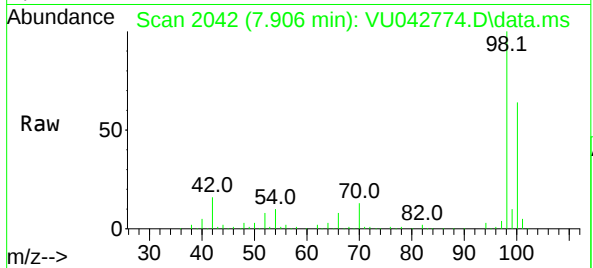




#50
Toluene-d8
Concen: 47.18 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

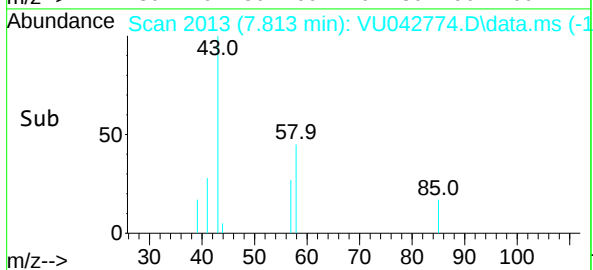
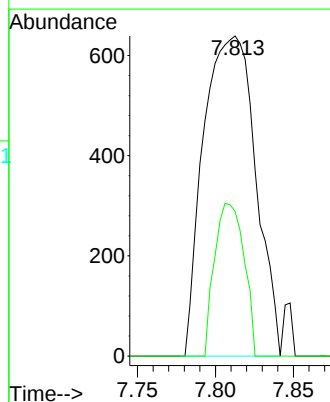
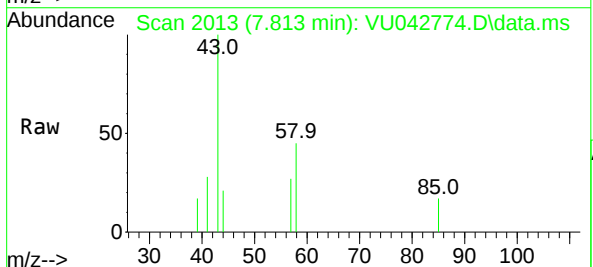
Instrument :
MSVOA_U
ClientSampleId :
VU0325MBL01

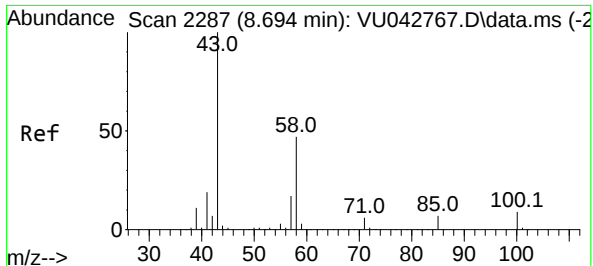
Tgt Ion: 98 Resp: 230297
Ion Ratio Lower Upper
98 100
100 63.1 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 7.813 min Scan# 2013
Delta R.T. 0.013 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

Tgt Ion: 43 Resp: 1482
Ion Ratio Lower Upper
43 100
58 26.9 27.4 41.2#

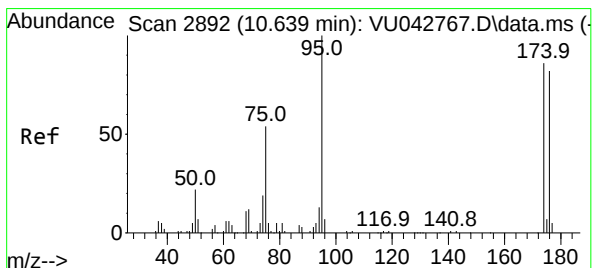
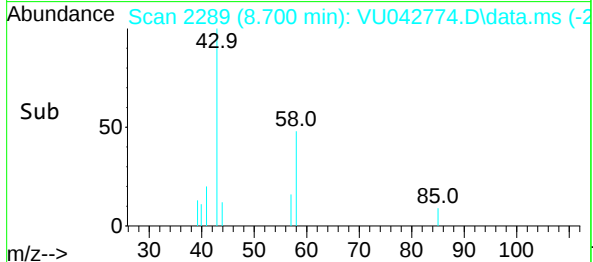
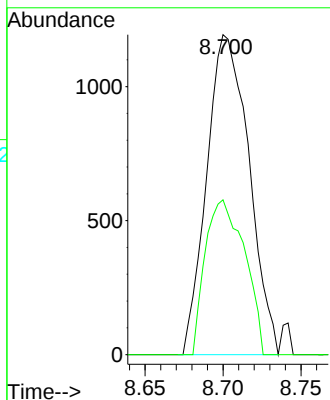
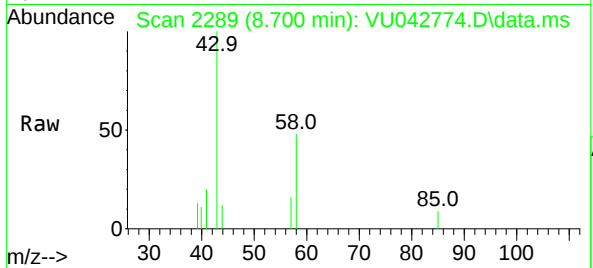




#59
2-Hexanone
Concen: 0.94 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

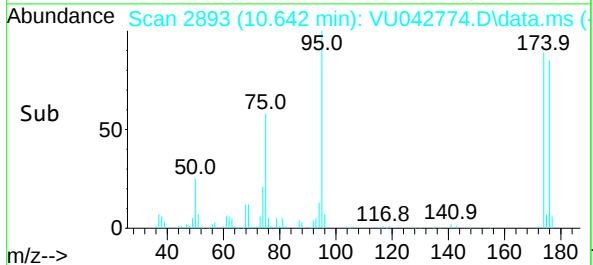
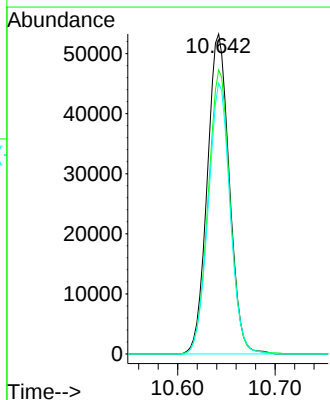
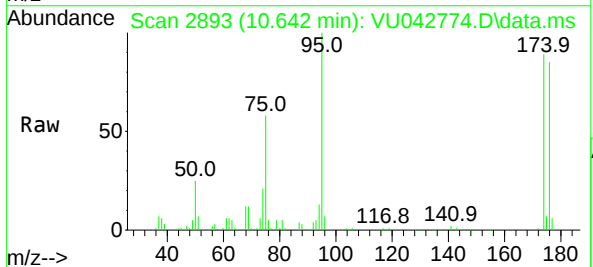
Instrument :
MSVOA_U
ClientSampleId :
VU0325MBL01

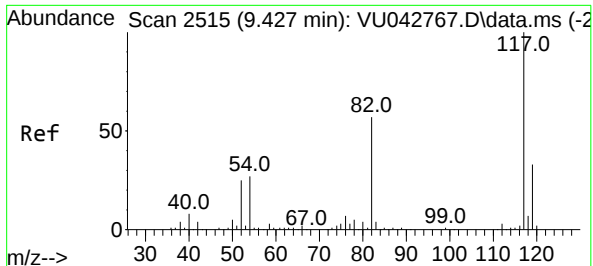
Tgt Ion: 43 Resp: 2249
Ion Ratio Lower Upper
43 100
58 45.0 23.8 71.2



#62
4-Bromofluorobenzene
Concen: 44.08 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

Tgt Ion: 95 Resp: 83600
Ion Ratio Lower Upper
95 100
174 88.5 0.0 175.2
176 84.1 0.0 167.4

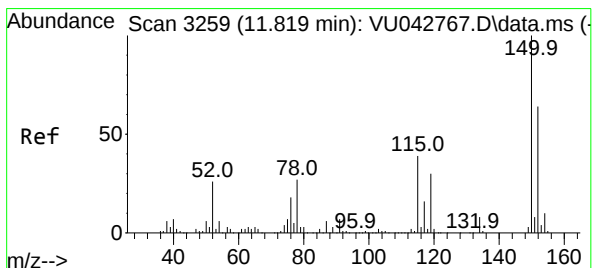
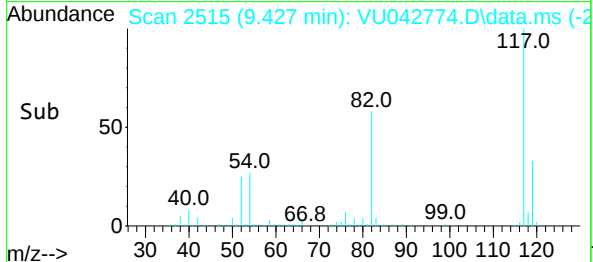
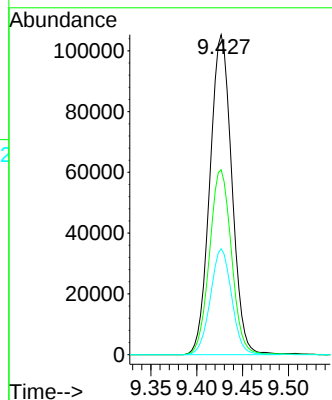
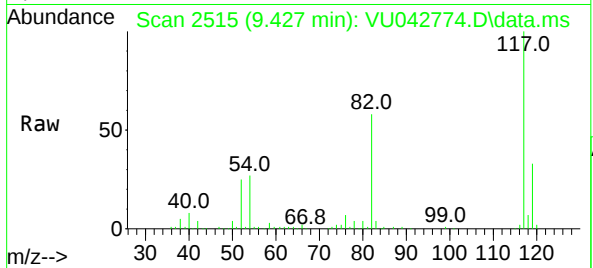




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

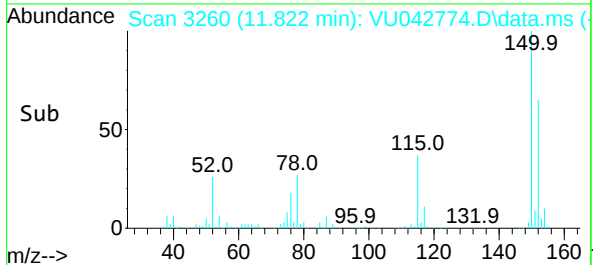
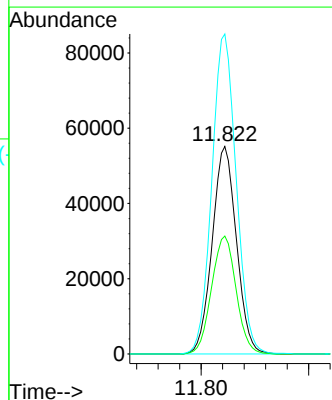
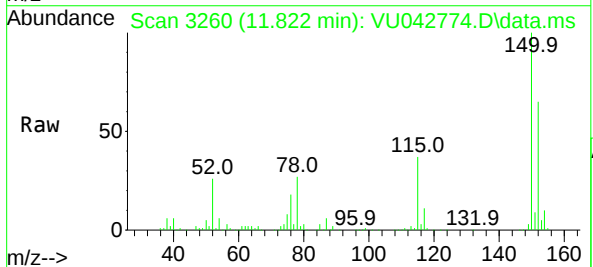
Instrument :
MSVOA_U
ClientSampleId :
VU0325MBL01

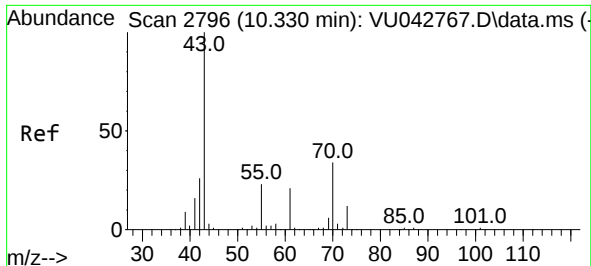
Tgt Ion:117 Resp: 175417
Ion Ratio Lower Upper
117 100
82 57.8 45.5 68.3
119 33.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

Tgt Ion:152 Resp: 86400
Ion Ratio Lower Upper
152 100
115 57.5 41.0 123.0
150 154.8 0.0 341.0

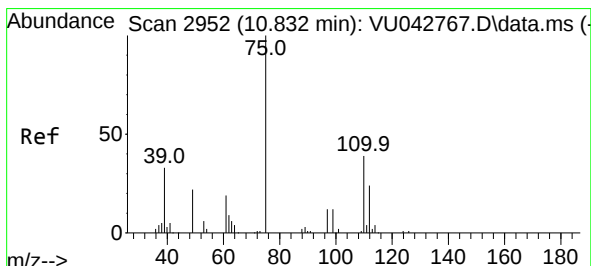
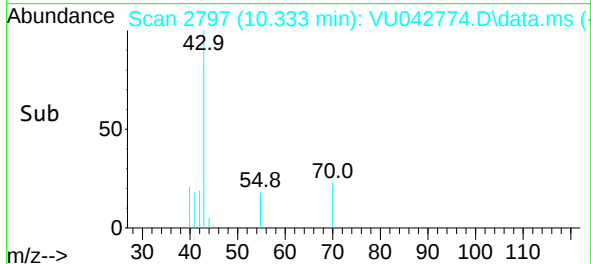
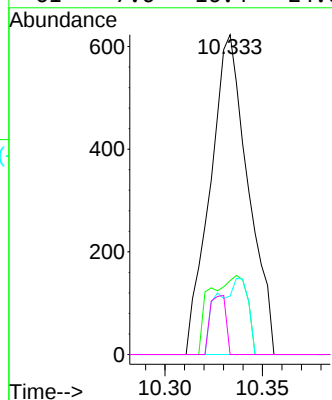
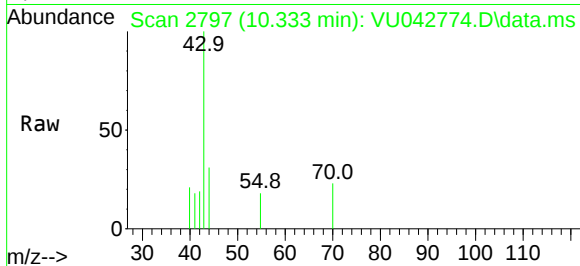




#74
N-amy1 acetate
Concen: 0.27 ug/l
RT: 10.333 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

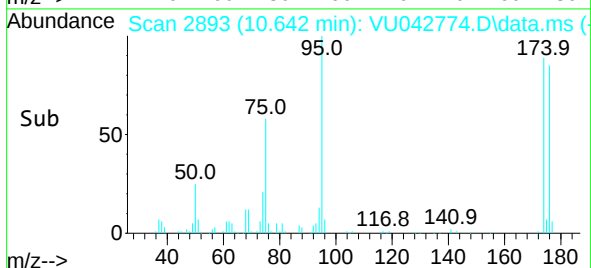
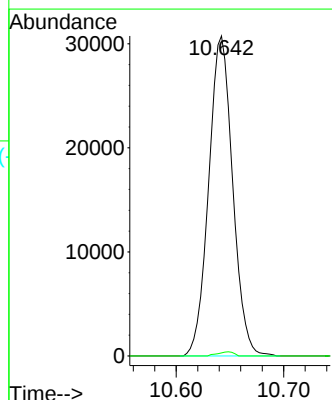
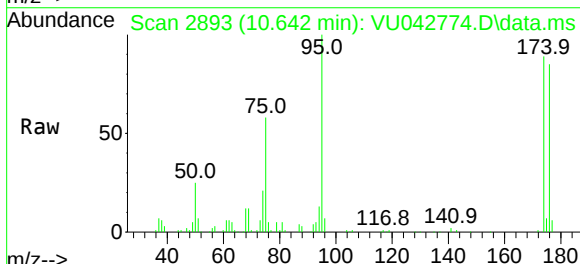
Instrument :
MSVOA_U
ClientSampleId :
VU0325MBL01

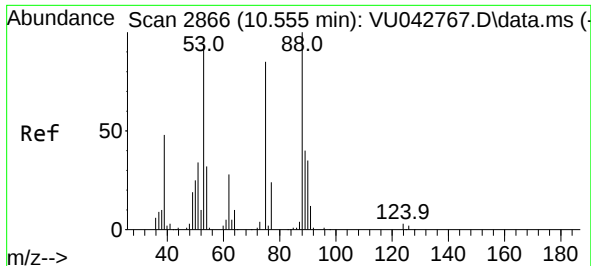
Tgt Ion: 43	Resp: 840
Ion Ratio	Lower Upper
43 100	
70 24.2	27.8 41.6#
55 19.4	18.4 27.6
61 7.6	16.4 24.6#



#76
1,2,3-Trichloropropane
Concen: 21.67 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.190 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

Tgt Ion: 75	Resp: 47608
Ion Ratio	Lower Upper
75 100	
77 0.9	19.6 58.8#

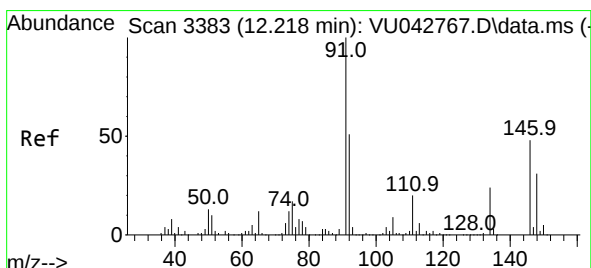
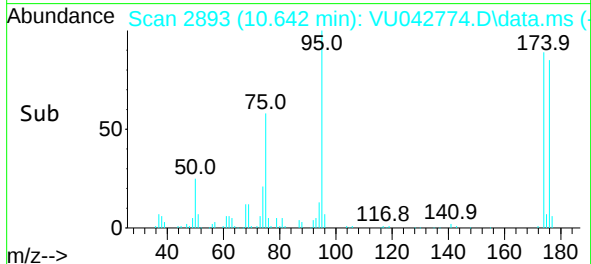
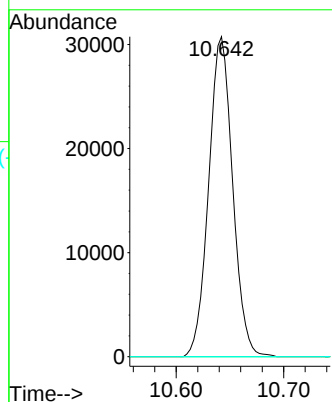
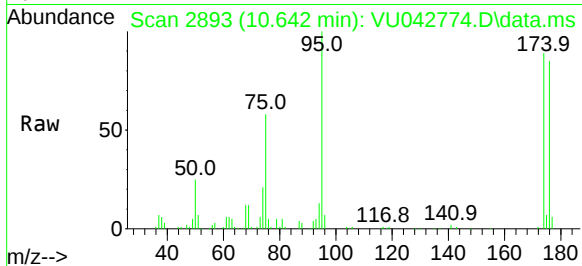




#81
trans-1,4-Dichloro-2-butene
Concen: 64.19 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.087 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

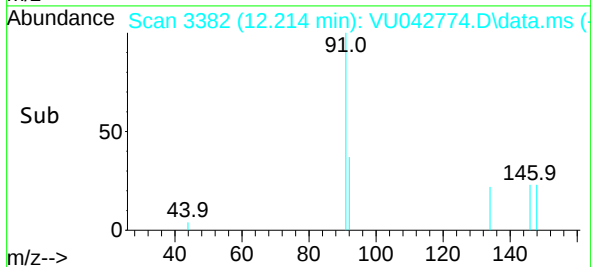
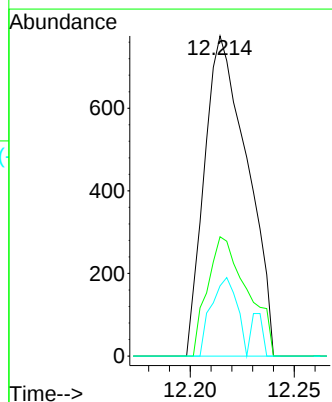
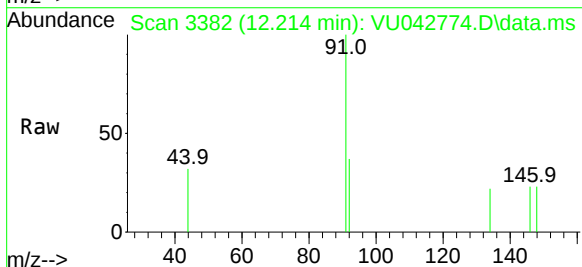
Instrument :
MSVOA_U
ClientSampleId :
VU0325MBL01

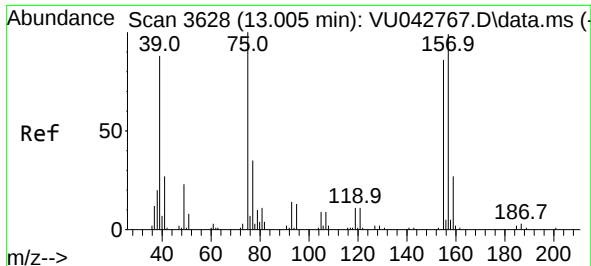
Tgt Ion: 75 Resp: 47608
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#89
n-Butylbenzene
Concen: 0.24 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

Tgt Ion: 91 Resp: 1108
Ion Ratio Lower Upper
91 100
92 34.9 25.7 77.1
134 14.8 12.1 36.3

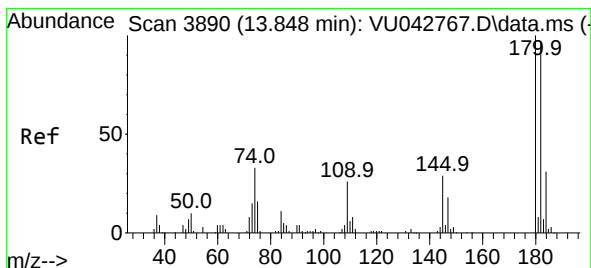
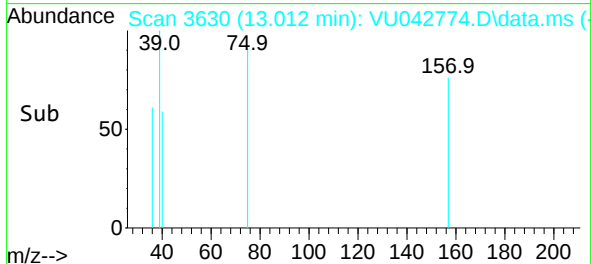
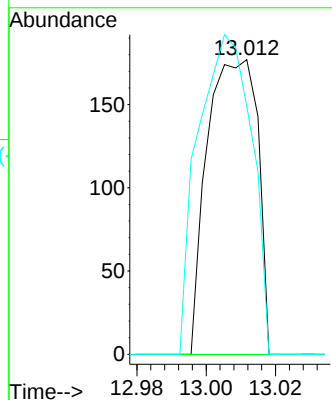
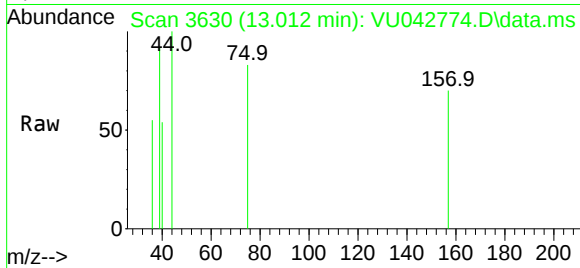




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.30 ug/l
 RT: 13.012 min Scan# 3630
 Delta R.T. 0.006 min
 Lab File: VU042774.D
 Acq: 25 Mar 2021 10:37

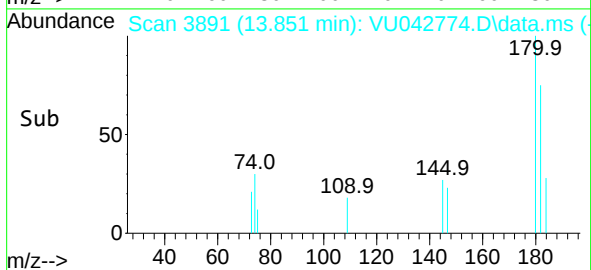
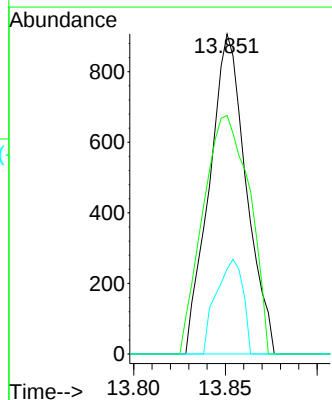
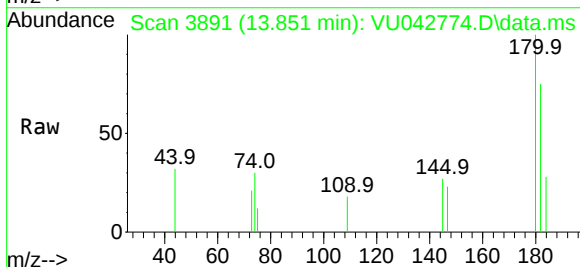
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0325MBL01

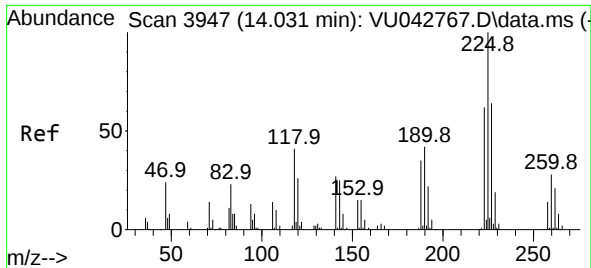
Tgt Ion: 75 Resp: 178
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.8 122.5#
 157 115.2 51.4 154.3



#93
 1,2,4-Trichlorobenzene
 Concen: 0.72 ug/l
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.003 min
 Lab File: VU042774.D
 Acq: 25 Mar 2021 10:37

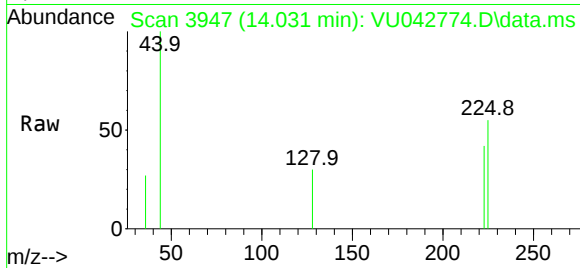
Tgt Ion:180 Resp: 1263
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.0 144.0
 145 21.5 14.5 43.5



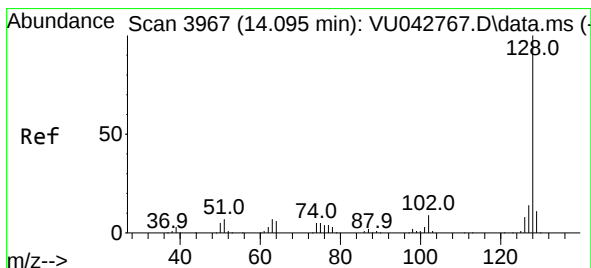
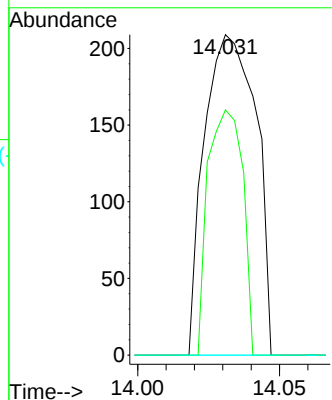
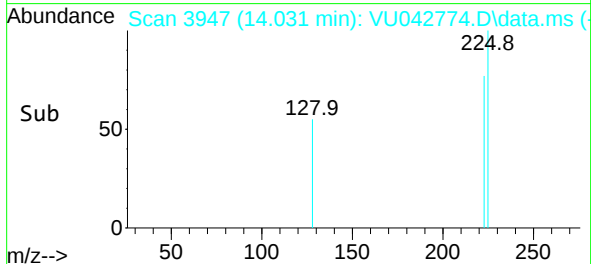


#94
Hexachlorobutadiene
Concen: 0.26 ug/l
RT: 14.031 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37

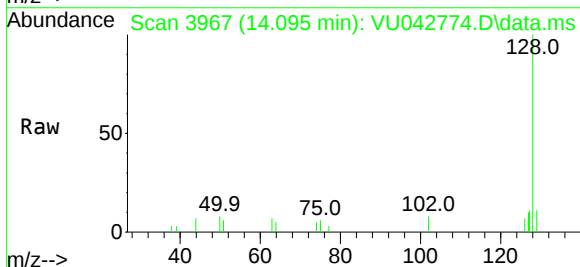
Instrument :
MSVOA_U
ClientSampleId :
VU0325MBL01



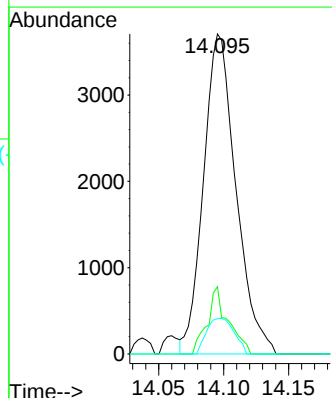
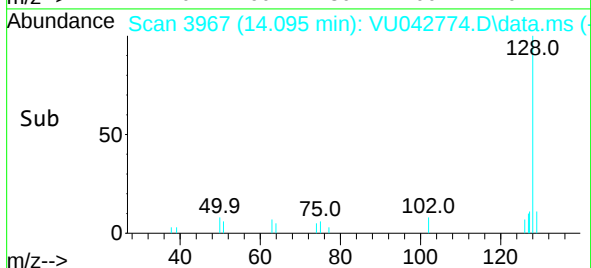
Tgt Ion:225 Resp: 264
Ion Ratio Lower Upper
225 100
223 51.5 31.4 94.3
227 0.0 31.9 95.5#

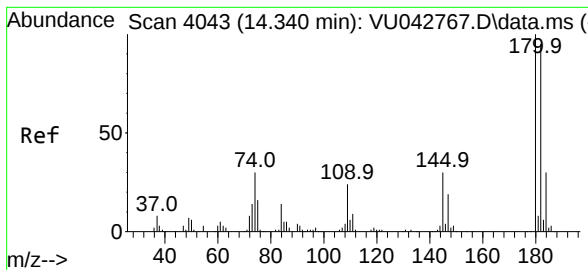


#95
Naphthalene
Concen: 3.62 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042774.D
Acq: 25 Mar 2021 10:37



Tgt Ion:128 Resp: 6442
Ion Ratio Lower Upper
128 100
127 13.5 10.9 16.3
129 9.4 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: VU042774.D
 Acq: 25 Mar 2021 10:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0325MBL01

Tgt Ion:180 Resp: 1509
 Ion Ratio Lower Upper
 180 100
 182 102.5 47.5 142.6
 145 29.7 15.0 45.0

