

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042849.D
 Acq On : 31 Mar 2021 11:51
 Operator : SY/MD
 Sample : VU0331WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0331WBL01

Quant Time: Apr 01 04:39:10 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

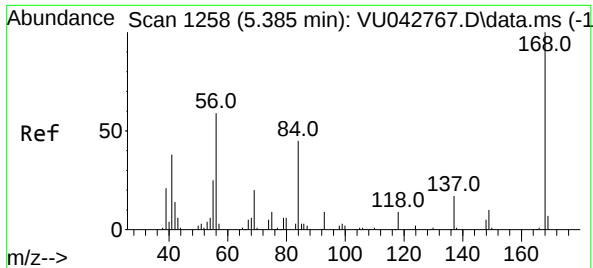
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.382	168	97207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	153548	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	152297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	79687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	80096	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
35) Dibromofluoromethane	5.298	113	56412	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	7.906	98	197111	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	10.642	95	73557	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
Target Compounds					Qvalue	
16) Acetone	2.649	43	541	Below Cal	#	48
31) Cyclohexane	5.379	56	2367	1.23	ug/l #	19
36) 1,1-Dichloropropene	5.382	75	8185	5.39	ug/l #	49
38) Carbon Tetrachloride	5.382	117	9813	5.66	ug/l #	19
51) 4-Methyl-2-Pentanone	7.806	43	631	0.25	ug/l	93
59) 2-Hexanone	8.700	43	988	0.50	ug/l	75
76) 1,2,3-Trichloropropane	10.639	75	42507	20.98	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	42507	62.14	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.857	180	476	0.29	ug/l #	86
95) Naphthalene	14.099	128	1562	2.85	ug/l #	80
96) 1,2,3-Trichlorobenzene	14.346	180	341	0.21	ug/l #	88

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

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Response via : Initial Calibration

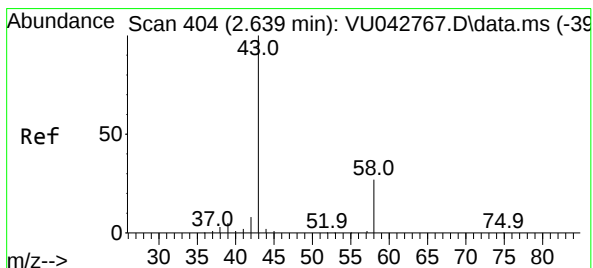
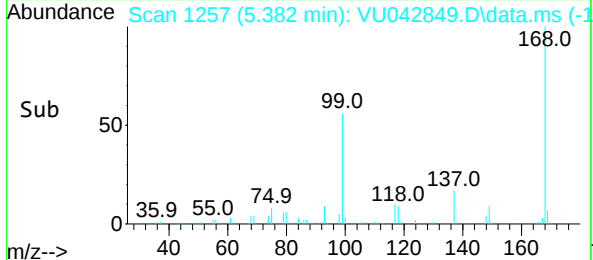
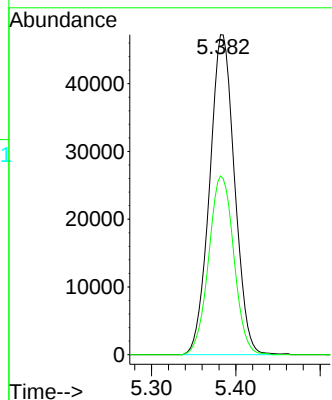
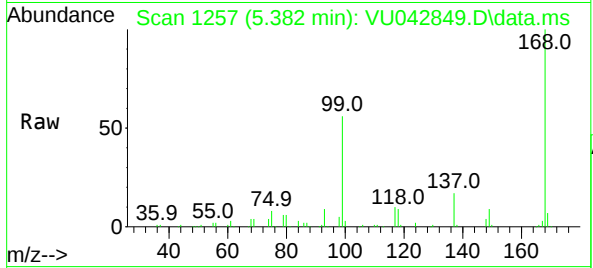




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042849.D
Acq: 31 Mar 2021 11:51

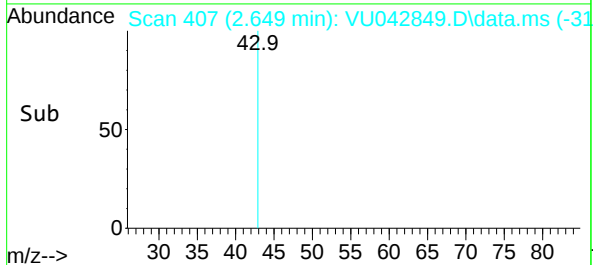
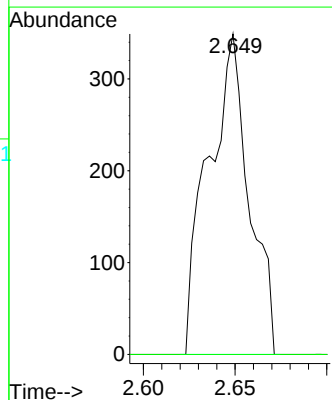
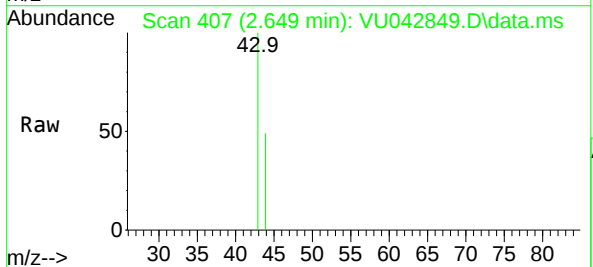
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL01

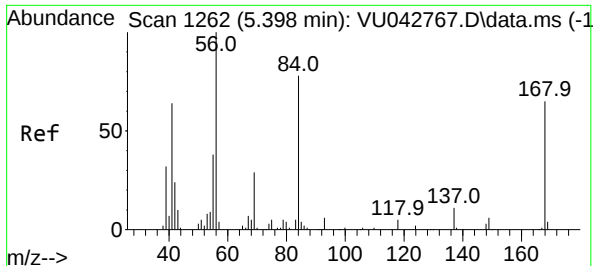
Tgt Ion:168 Resp: 97207
Ion Ratio Lower Upper
168 100
99 55.8 46.4 69.6



#16
Acetone
Concen: Below Cal
RT: 2.649 min Scan# 407
Delta R.T. 0.010 min
Lab File: VU042849.D
Acq: 31 Mar 2021 11:51

Tgt Ion: 43 Resp: 541
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#





#31

Cyclohexane

Concen: 1.23 ug/l

RT: 5.379 min Scan# 1256

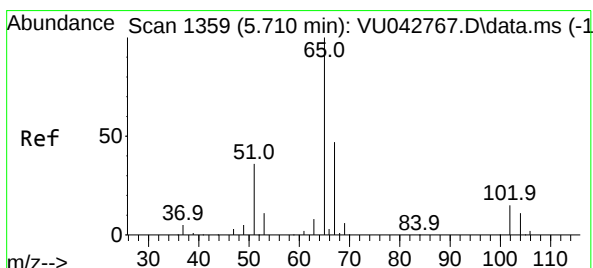
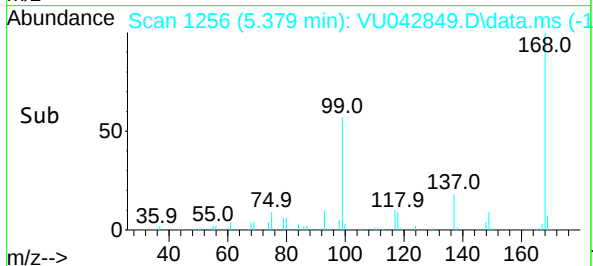
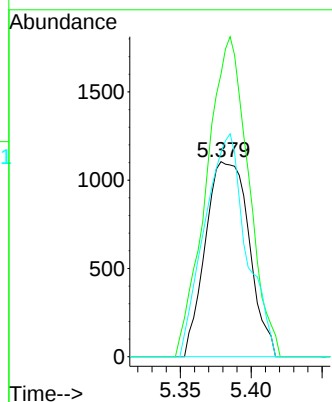
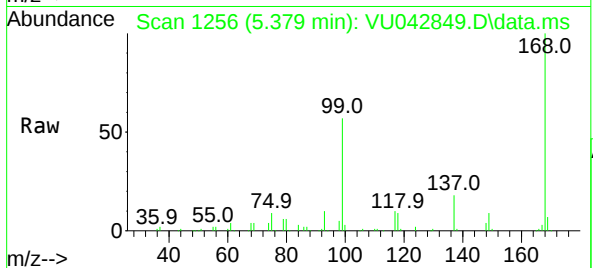
Delta R.T. -0.019 min

Lab File: VU042849.D

Acq: 31 Mar 2021 11:51

Tgt Ion:	56	Resp:	2367
Ion	Ratio	Lower	Upper
56	100		
69	144.9	23.3	34.9#
84	104.7	62.2	93.4#

Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL01



#33

1,2-Dichloroethane-d4

Concen: 51.69 ug/l

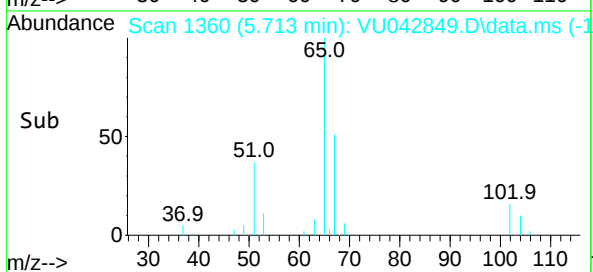
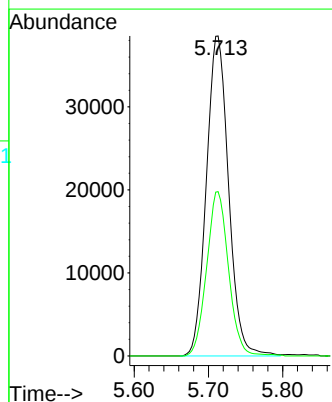
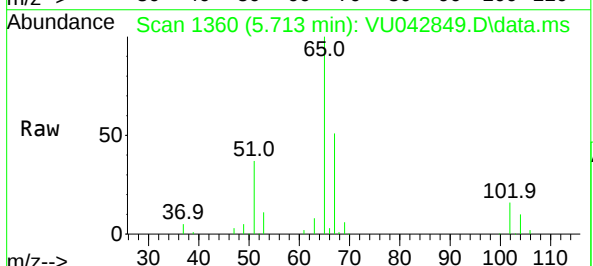
RT: 5.713 min Scan# 1360

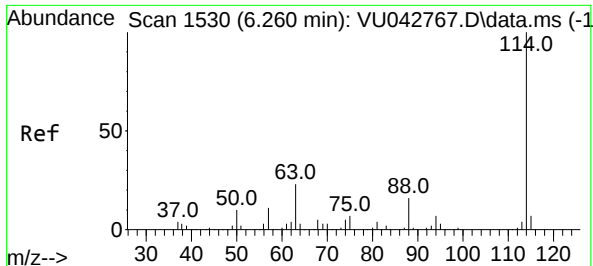
Delta R.T. 0.003 min

Lab File: VU042849.D

Acq: 31 Mar 2021 11:51

Tgt Ion:	65	Resp:	80096
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	98.8

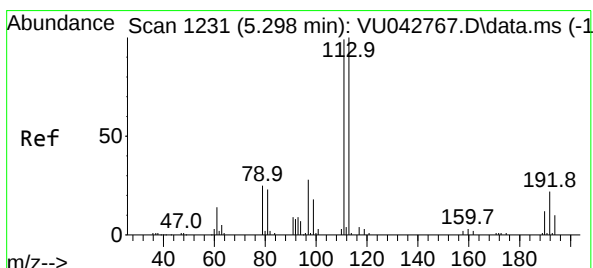
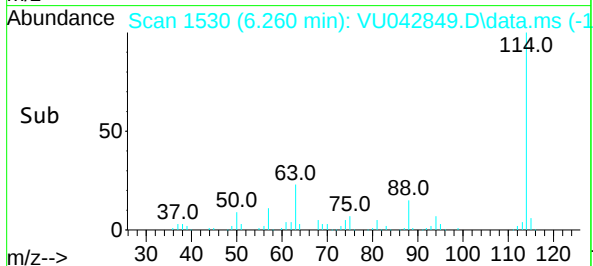
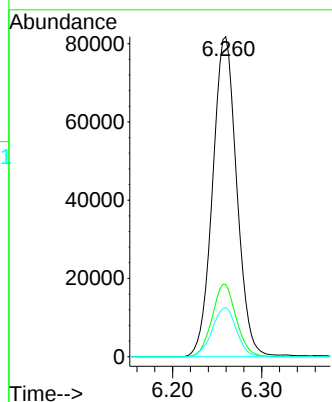
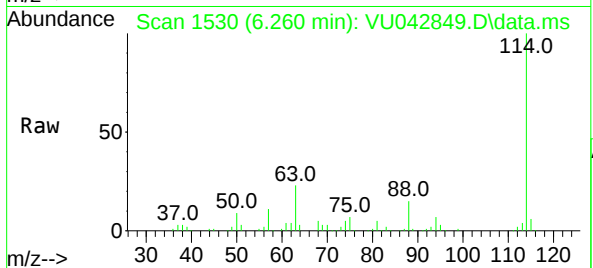




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.260 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VU042849.D
Acq: 31 Mar 2021 11:51

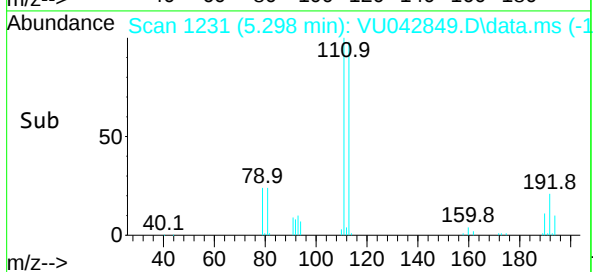
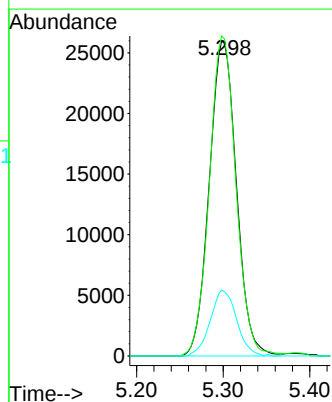
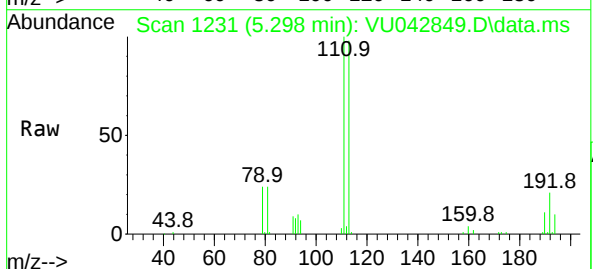
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL01

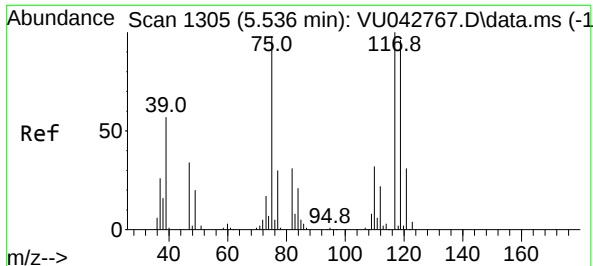
Tgt Ion:114 Resp: 153548
Ion Ratio Lower Upper
114 100
63 22.6 0.0 46.8
88 15.4 0.0 32.2



#35
Dibromofluoromethane
Concen: 49.23 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042849.D
Acq: 31 Mar 2021 11:51

Tgt Ion:113 Resp: 56412
Ion Ratio Lower Upper
113 100
111 99.9 82.1 123.1
192 20.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.39 ug/l

RT: 5.382 min Scan# 1257

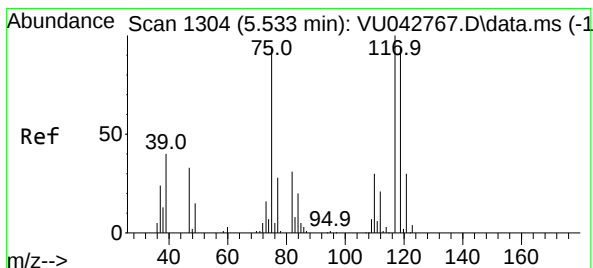
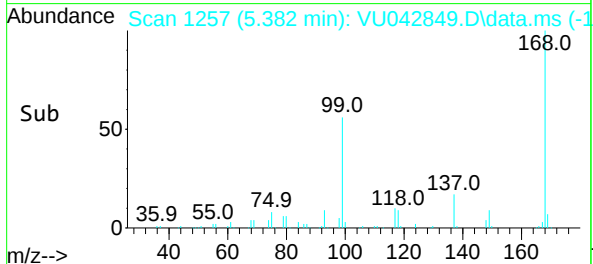
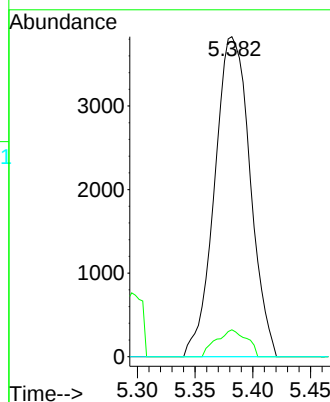
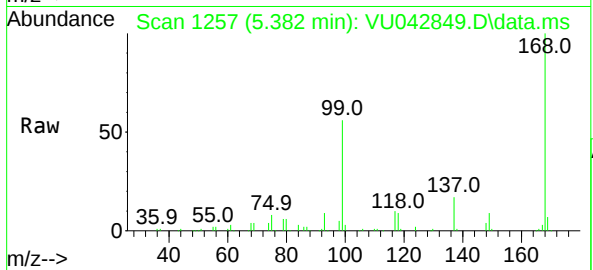
Delta R.T. -0.154 min

Lab File: VU042849.D

Acq: 31 Mar 2021 11:51

Tgt Ion:	75	Resp:	8185
Ion	Ratio	Lower	Upper
75	100		
110	7.2	16.6	49.7#
77	0.0	24.7	37.1#

Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL01



#38

Carbon Tetrachloride

Concen: 5.66 ug/l

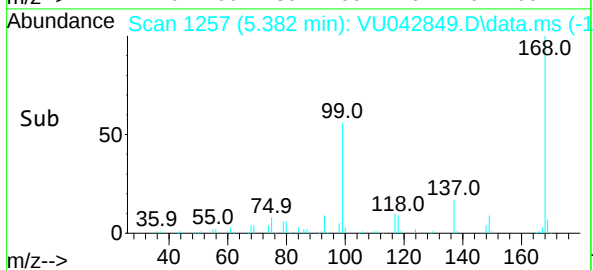
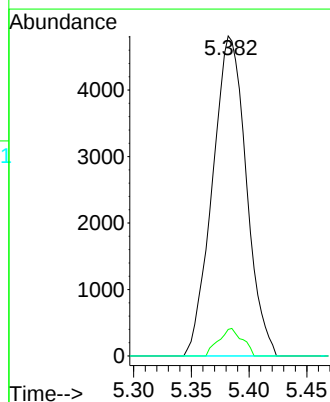
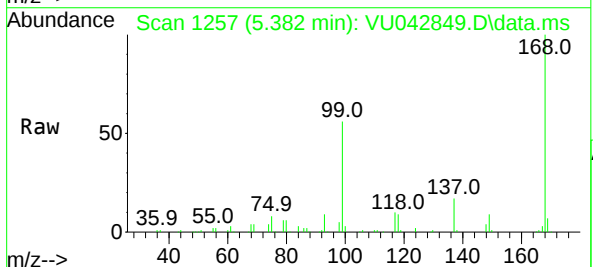
RT: 5.382 min Scan# 1257

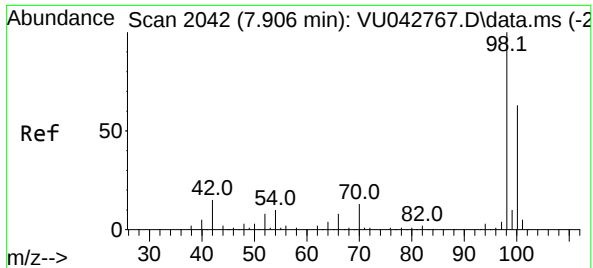
Delta R.T. -0.151 min

Lab File: VU042849.D

Acq: 31 Mar 2021 11:51

Tgt Ion:	117	Resp:	9813
Ion	Ratio	Lower	Upper
117	100		
119	8.3	75.2	112.8#
121	0.0	24.2	36.4#

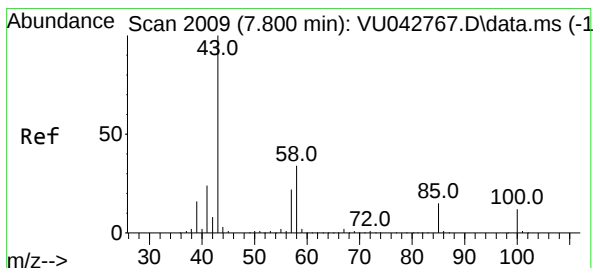
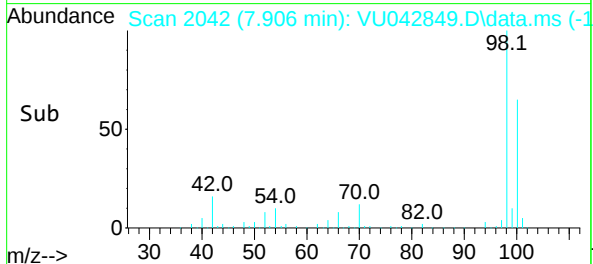
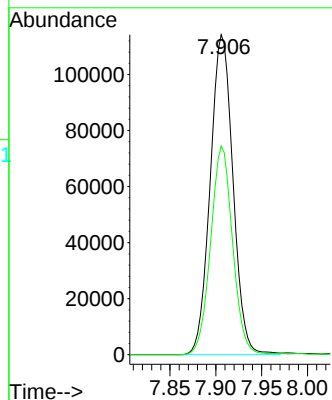
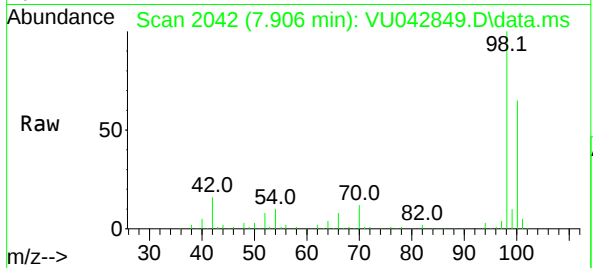




#50
Toluene-d8
Concen: 48.89 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042849.D
Acq: 31 Mar 2021 11:51

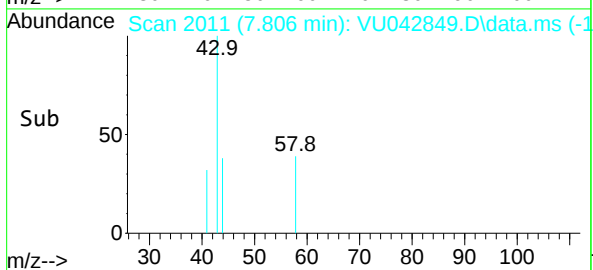
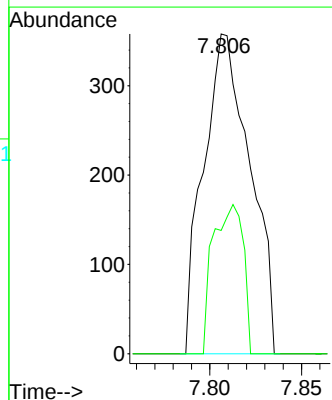
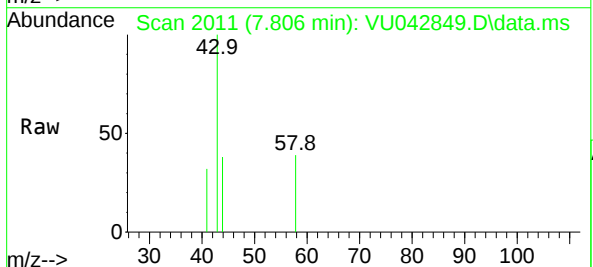
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL01

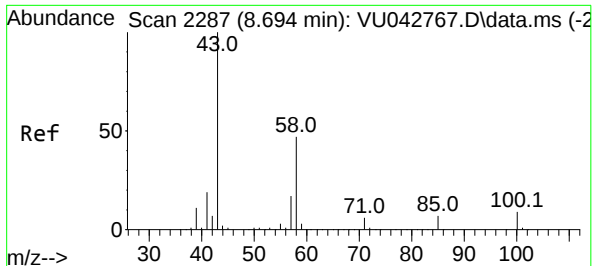
Tgt Ion: 98 Resp: 197111
Ion Ratio Lower Upper
98 100
100 62.8 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 7.806 min Scan# 2011
Delta R.T. 0.006 min
Lab File: VU042849.D
Acq: 31 Mar 2021 11:51

Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 30.3 27.4 41.2

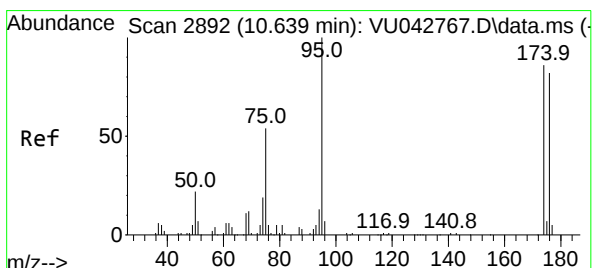
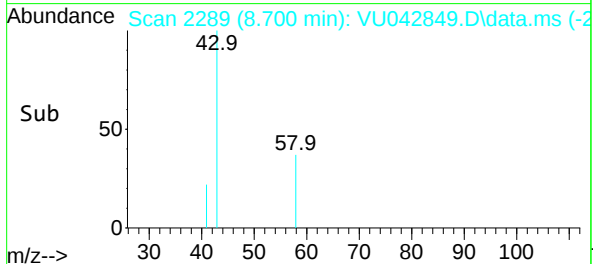
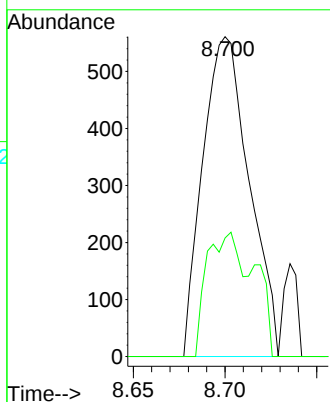
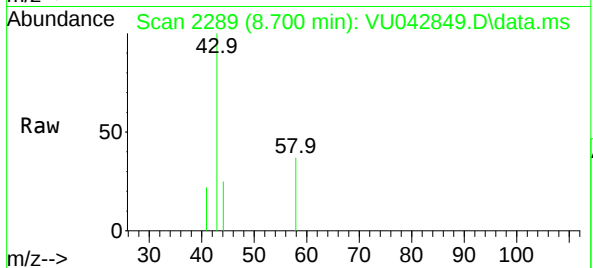




#59
2-Hexanone
Concen: 0.50 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VU042849.D
Acq: 31 Mar 2021 11:51

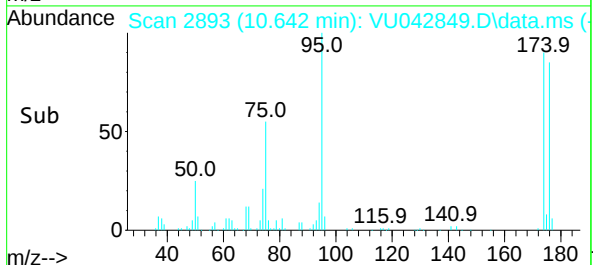
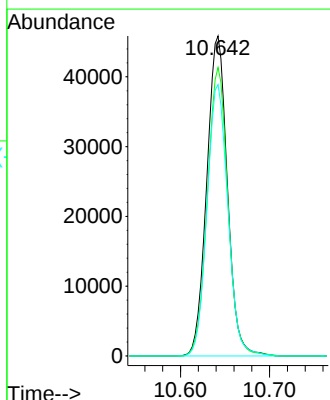
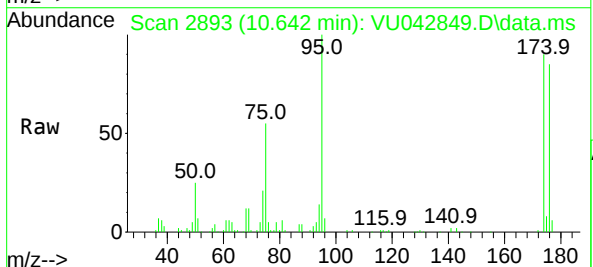
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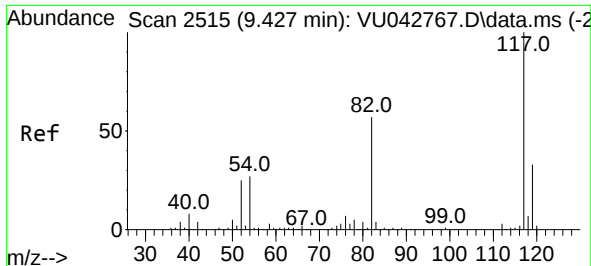
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 30.6 23.8 71.2



#62
4-Bromofluorobenzene
Concen: 46.95 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042849.D
Acq: 31 Mar 2021 11:51

Tgt Ion: 95 Resp: 73557
Ion Ratio Lower Upper
95 100
174 89.9 0.0 175.2
176 85.8 0.0 167.4

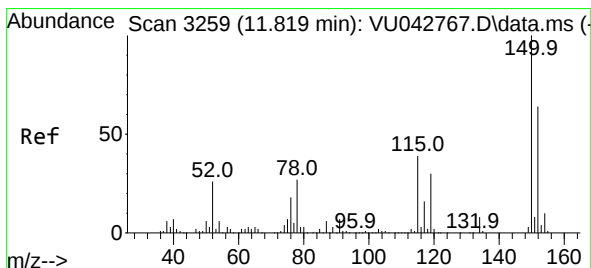
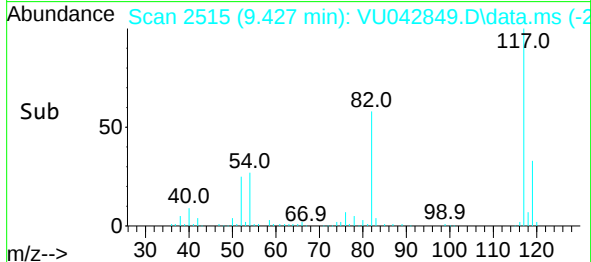
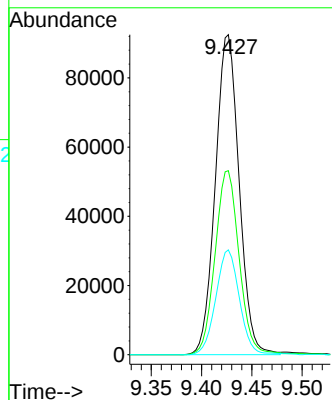
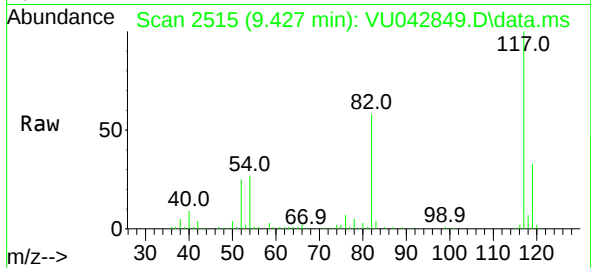




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VU042849.D
Acq: 31 Mar 2021 11:51

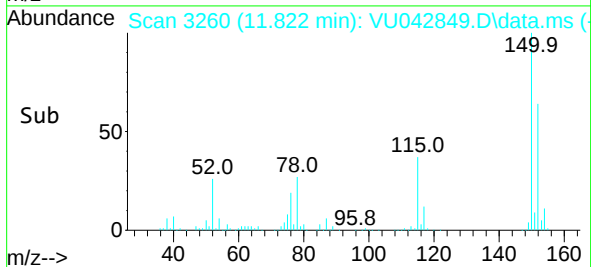
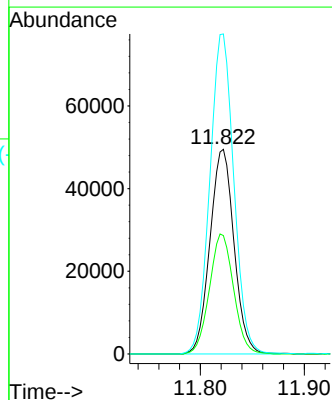
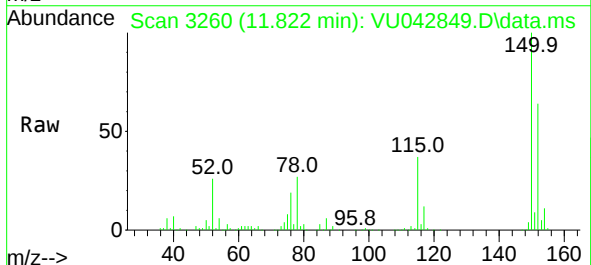
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL01

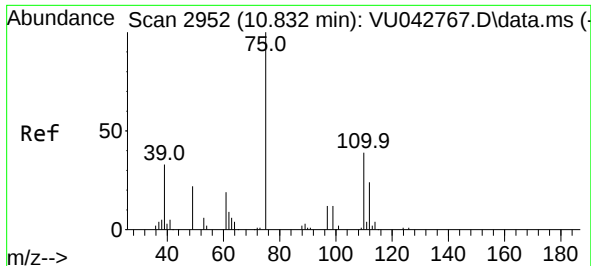
Tgt Ion:117 Resp: 152297
Ion Ratio Lower Upper
117 100
82 57.5 45.5 68.3
119 32.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042849.D
Acq: 31 Mar 2021 11:51

Tgt Ion:152 Resp: 79687
Ion Ratio Lower Upper
152 100
115 58.7 41.0 123.0
150 155.9 0.0 341.0

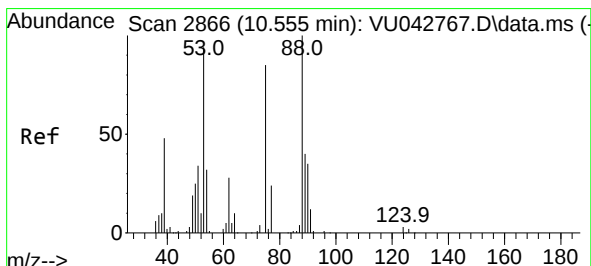
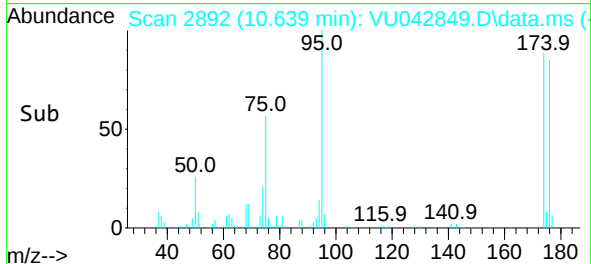
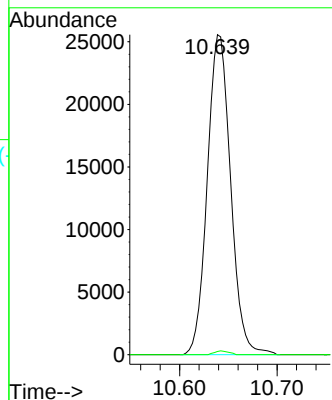
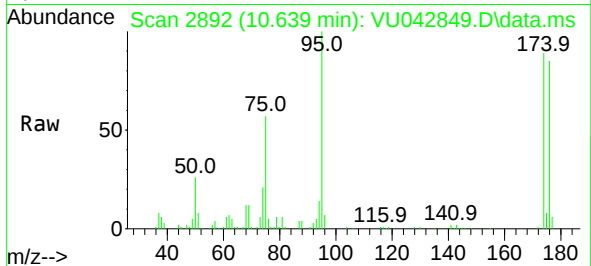




#76
1,2,3-Trichloropropane
Concen: 20.98 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042849.D
Acq: 31 Mar 2021 11:51

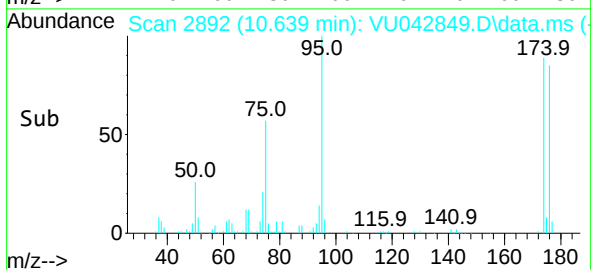
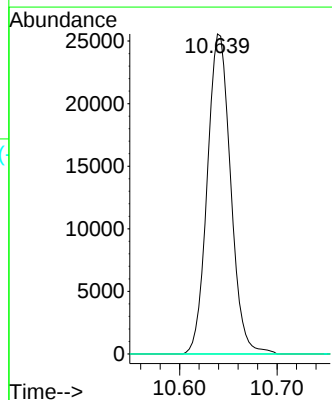
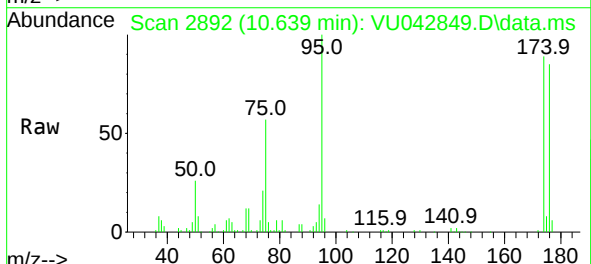
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL01

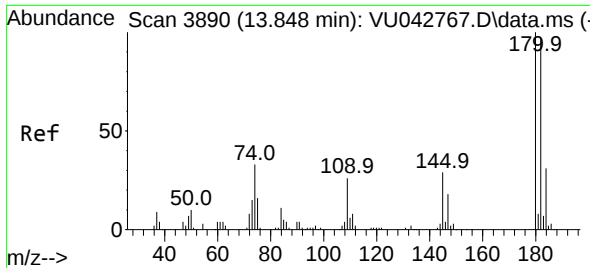
Tgt Ion: 75 Resp: 42507
Ion Ratio Lower Upper
75 100
77 0.7 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.14 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042849.D
Acq: 31 Mar 2021 11:51

Tgt Ion: 75 Resp: 42507
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#

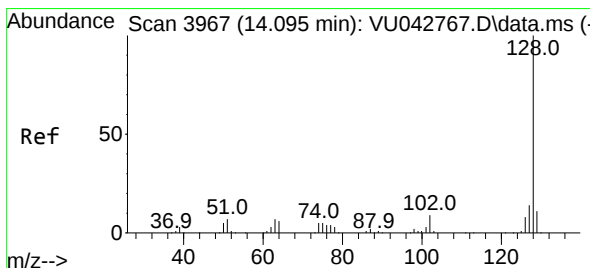
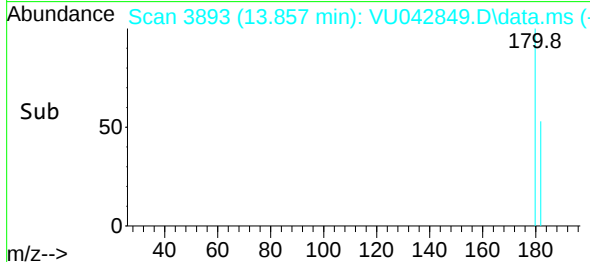
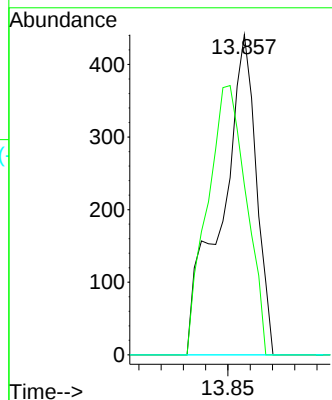
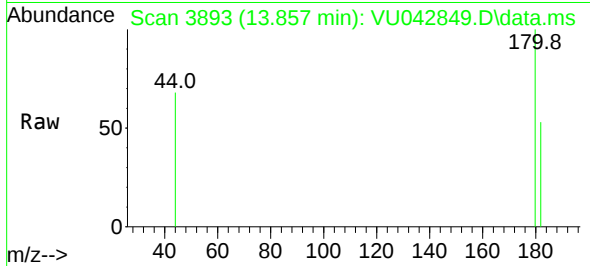




#93
 1,2,4-Trichlorobenzene
 Concen: 0.29 ug/l
 RT: 13.857 min Scan# 3893
 Delta R.T. 0.010 min
 Lab File: VU042849.D
 Acq: 31 Mar 2021 11:51

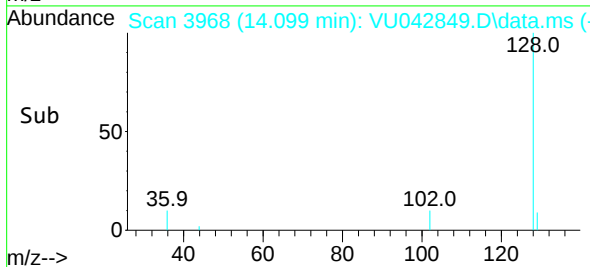
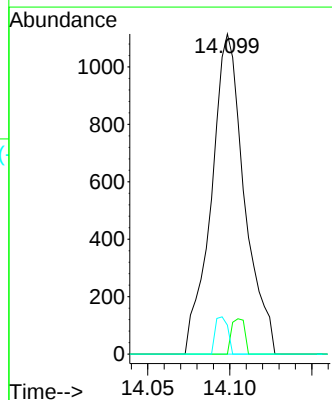
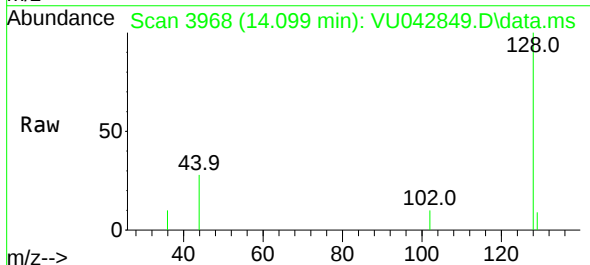
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0331WBL01

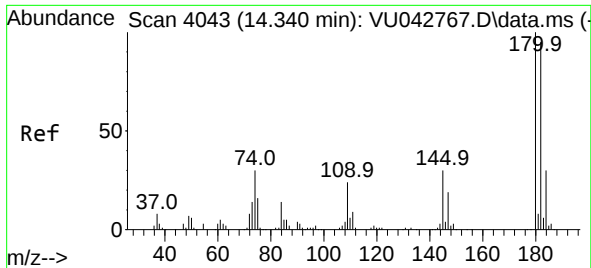
Tgt Ion:180 Resp: 476
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.0 144.0
 145 0.0 14.5 43.5#



#95
 Naphthalene
 Concen: 2.85 ug/l
 RT: 14.099 min Scan# 3968
 Delta R.T. 0.004 min
 Lab File: VU042849.D
 Acq: 31 Mar 2021 11:51

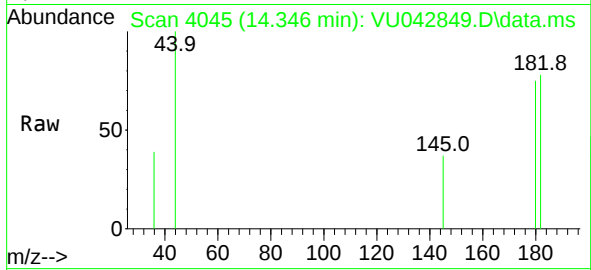
Tgt Ion:128 Resp: 1562
 Ion Ratio Lower Upper
 128 100
 127 4.4 10.9 16.3#
 129 4.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.21 ug/l
 RT: 14.346 min Scan# 4045
 Delta R.T. 0.006 min
 Lab File: VU042849.D
 Acq: 31 Mar 2021 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0331WBL01



Tgt Ion:180 Resp: 341
 Ion Ratio Lower Upper
 180 100
 182 89.7 47.5 142.6
 145 12.0 15.0 45.0#

