

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043167.D
 Acq On : 16 Apr 2021 14:42
 Operator : SY/MD
 Sample : M2026-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PZ-02

Quant Time: Apr 17 02:31:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

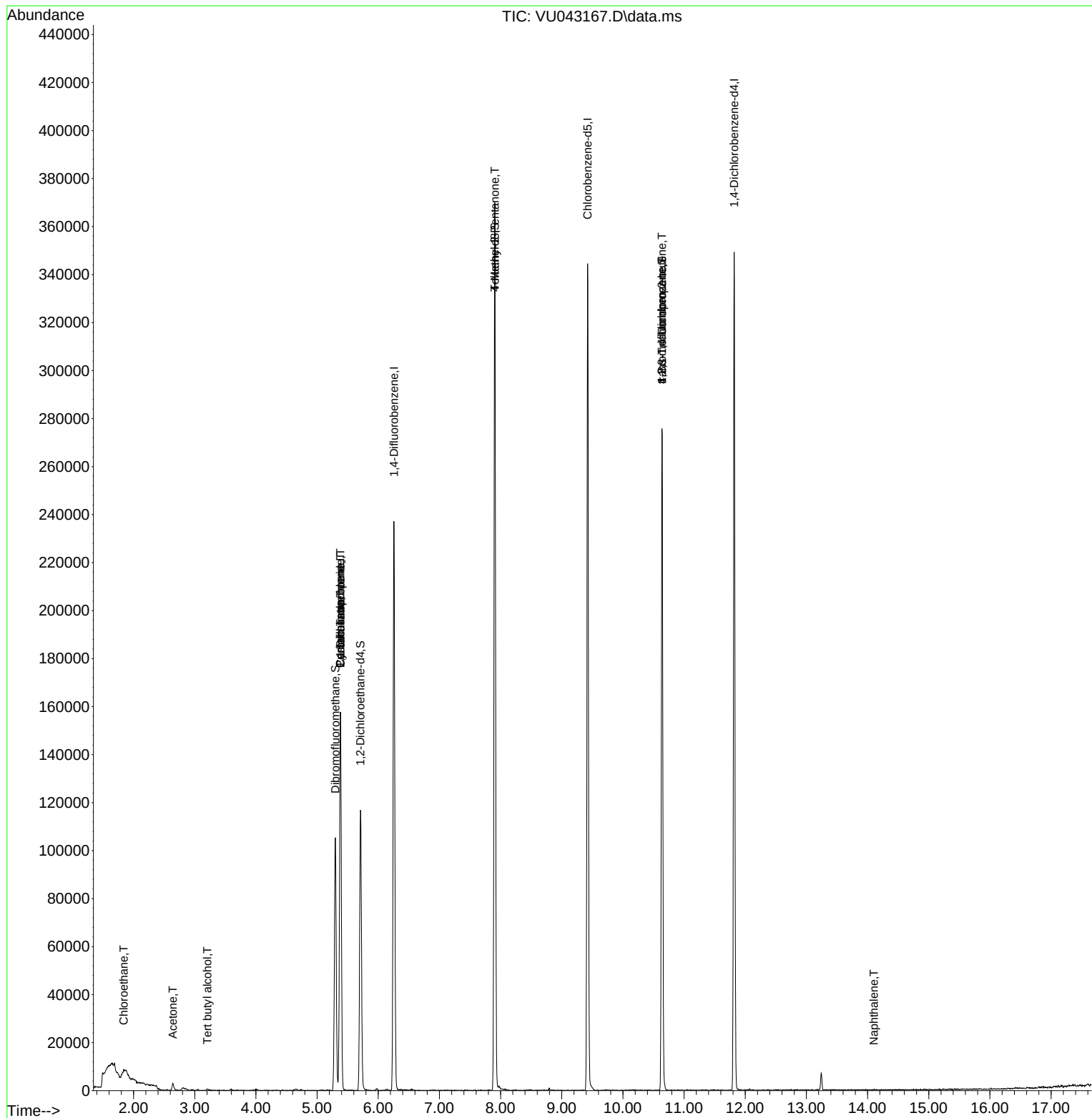
Internal Standards						
1) Pentafluorobenzene	5.382	168	106900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	176476	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	172124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	83012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	91715	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
35) Dibromofluoromethane	5.298	113	62707	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	7.906	98	227286	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	10.639	95	81762	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	
Target Compounds					Qvalue	
3) Chloromethane	1.527	50	564	Below Cal	#	41
6) Chloroethane	1.839	64	315	0.34	ug/l #	45
11) Tert butyl alcohol	3.208	59	578	1.25	ug/l #	94
16) Acetone	2.642	43	4122	3.60	ug/l #	86
31) Cyclohexane	5.382	56	2766	1.25	ug/l #	41
36) 1,1-Dichloropropene	5.382	75	8819	4.71	ug/l #	48
38) Carbon Tetrachloride	5.382	117	10683	5.32	ug/l #	17
51) 4-Methyl-2-Pentanone	7.906	43	1216	0.36	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	47728	19.68	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	47728	57.81	ug/l #	7
95) Naphthalene	14.102	128	197	2.77	ug/l #	69

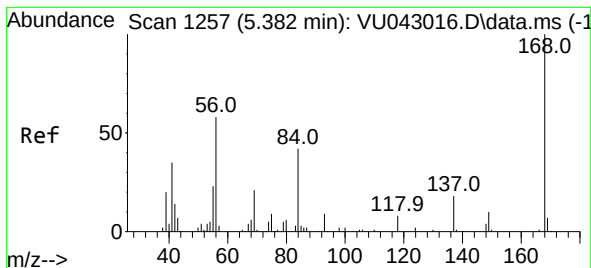
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
Data File : VU043167.D
Acq On : 16 Apr 2021 14:42
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Sample : M2026-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PZ-02

Quant Time: Apr 17 02:31:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

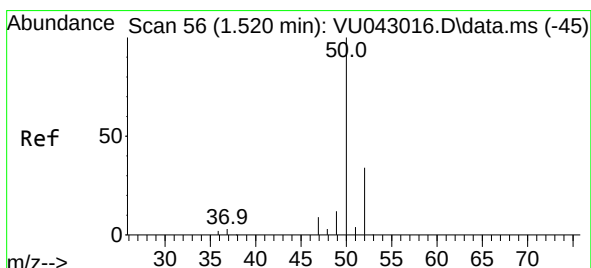
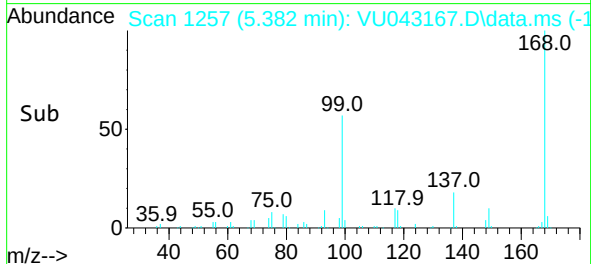
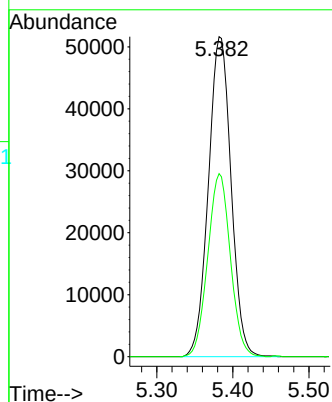
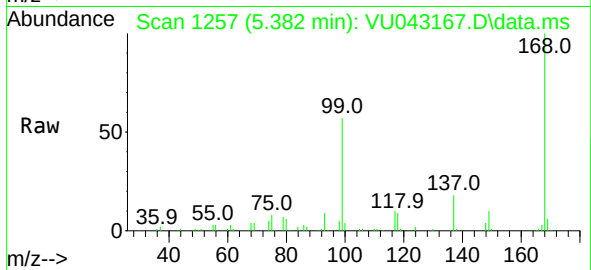




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

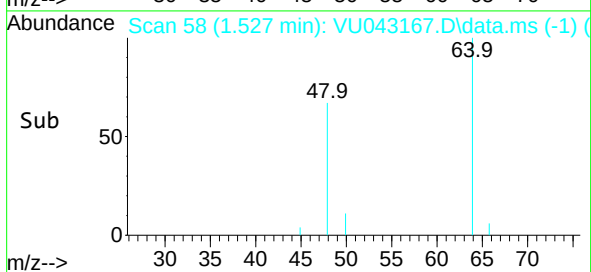
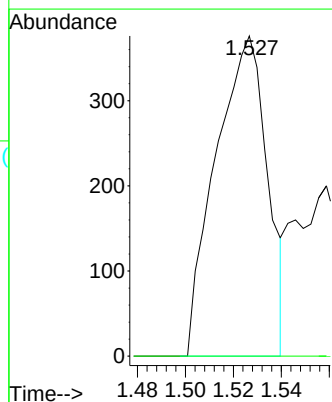
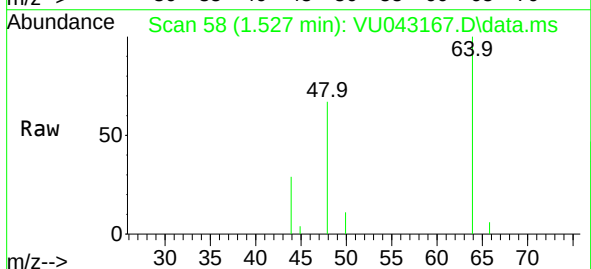
Instrument :
MSVOA_U
ClientSampled :
PZ-02

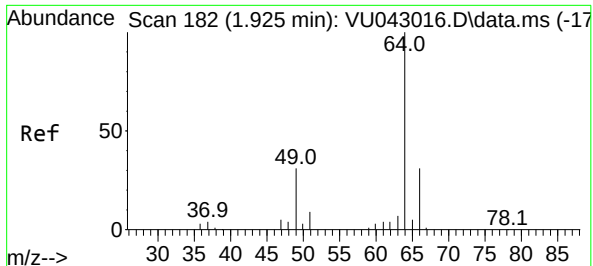
Tgt Ion:168 Resp: 106900
Ion Ratio Lower Upper
168 100
99 57.2 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.527 min Scan# 58
Delta R.T. 0.007 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

Tgt Ion: 50 Resp: 564
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

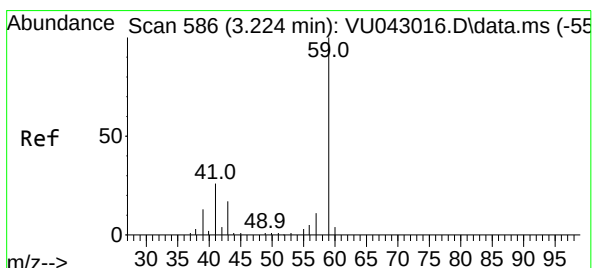
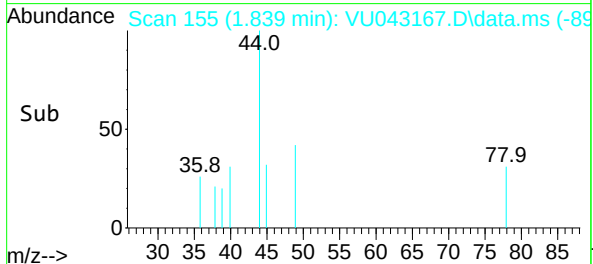
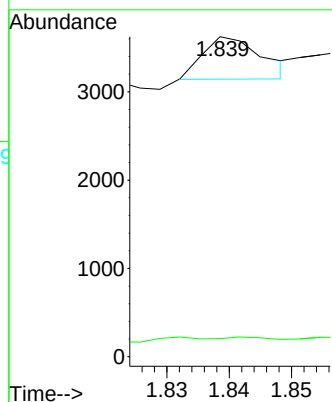
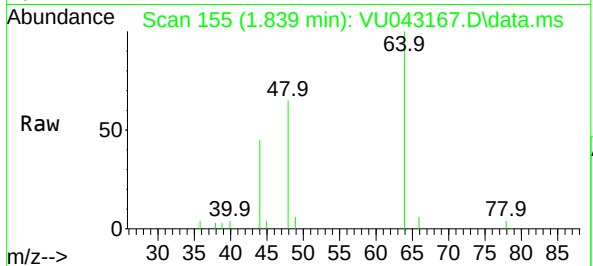




#6
Chloroethane
Concen: 0.34 ug/l
RT: 1.839 min Scan# 155
Delta R.T. -0.086 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

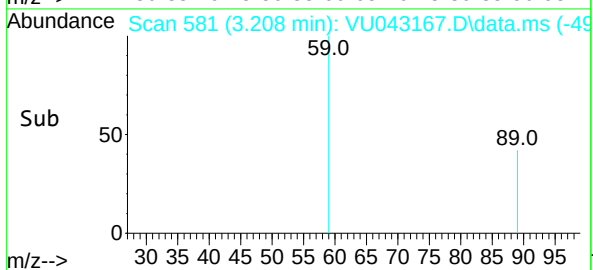
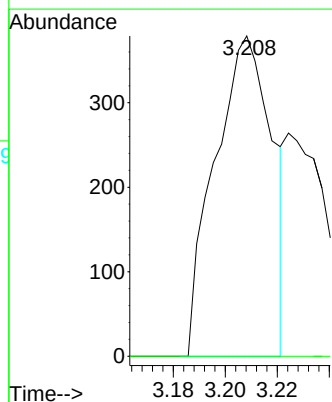
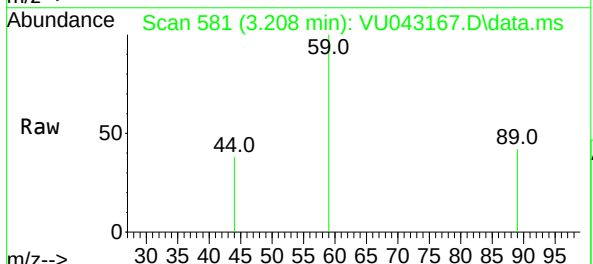
Instrument :
MSVOA_U
ClientSampled :
PZ-02

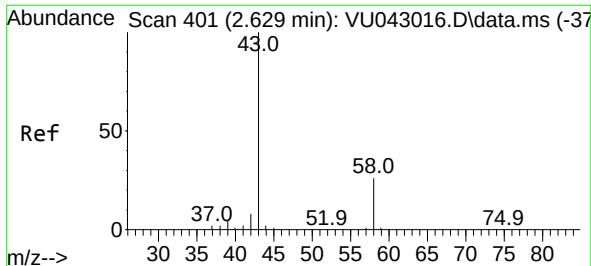
Tgt Ion: 64 Resp: 315
Ion Ratio Lower Upper
64 100
66 2.1 26.4 39.6#



#11
Tert butyl alcohol
Concen: 1.25 ug/l
RT: 3.208 min Scan# 581
Delta R.T. -0.016 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

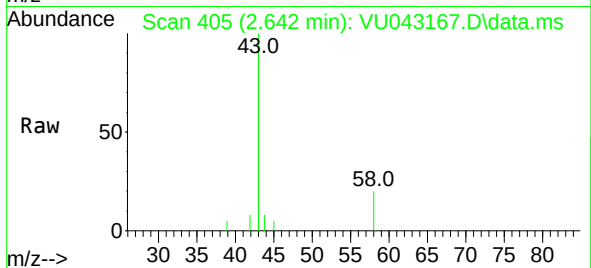
Tgt Ion: 59 Resp: 578
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



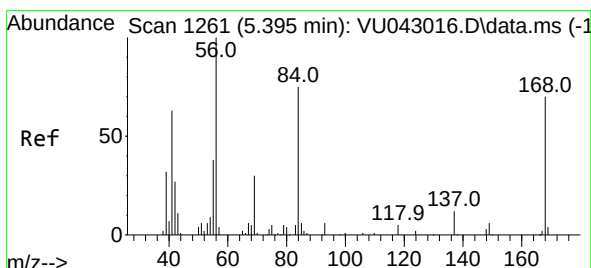
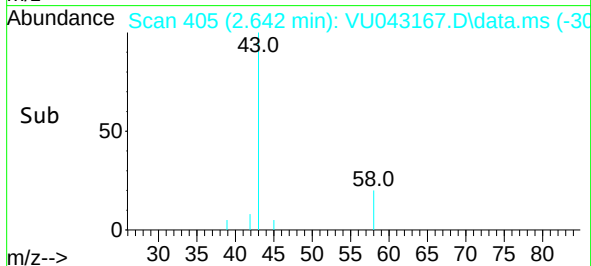
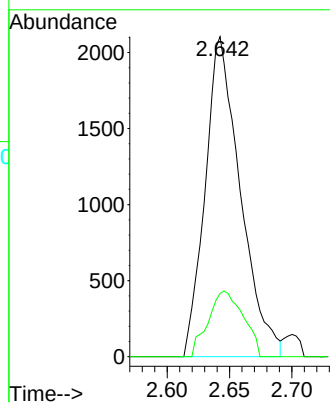


#16
Acetone
Concen: 3.60 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

Instrument :
MSVOA_U
ClientSampled :
PZ-02

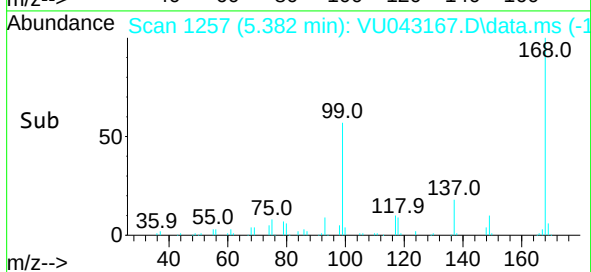
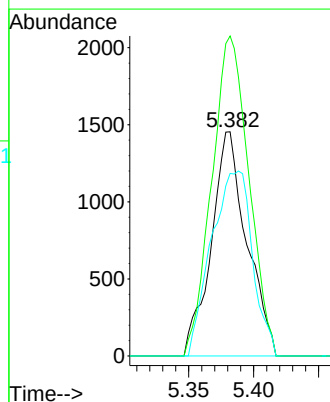
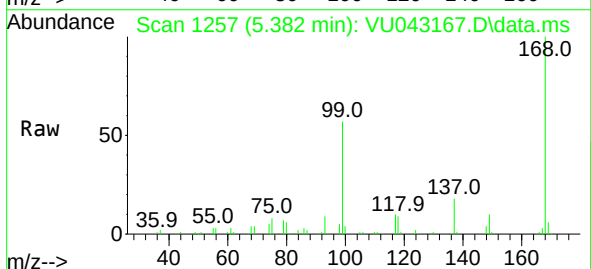


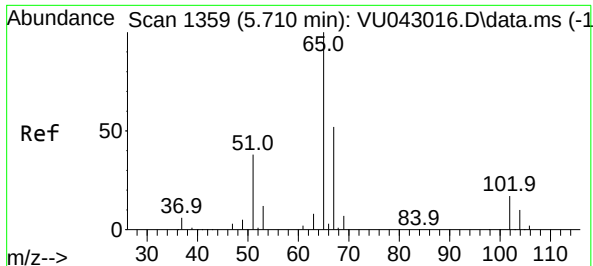
Tgt Ion: 43 Resp: 4122
Ion Ratio Lower Upper
43 100
58 19.8 21.5 32.3#



#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

Tgt Ion: 56 Resp: 2766
Ion Ratio Lower Upper
56 100
69 142.8 24.9 37.3#
84 81.5 63.7 95.5

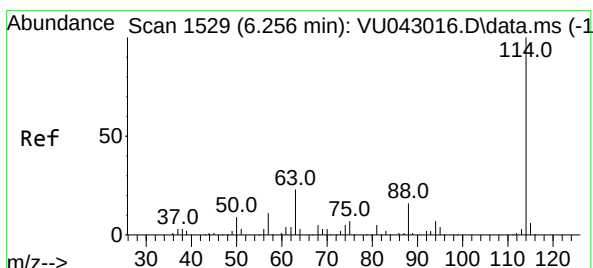
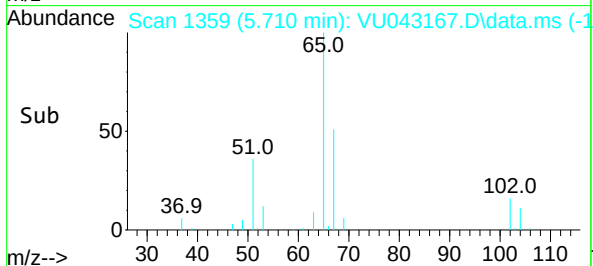
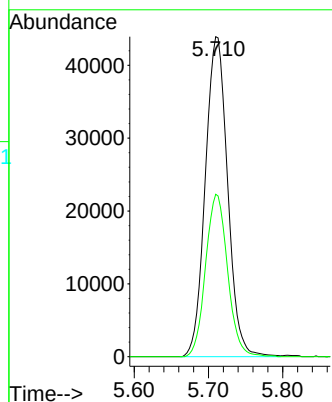
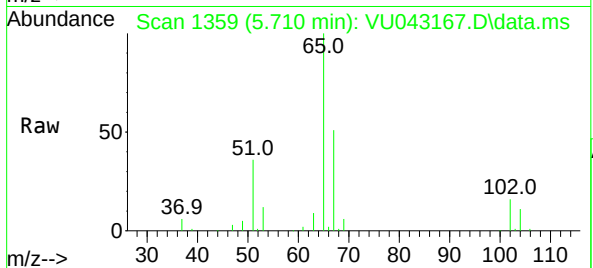




#33
1,2-Dichloroethane-d4
Concen: 51.04 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

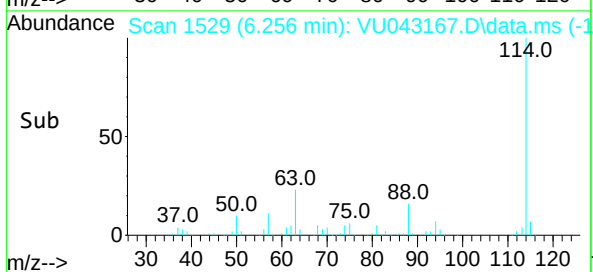
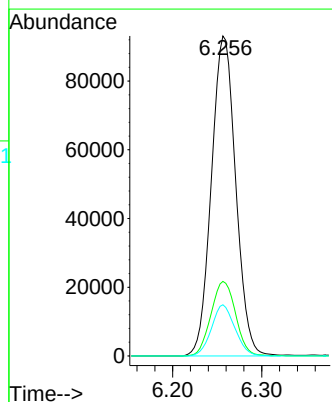
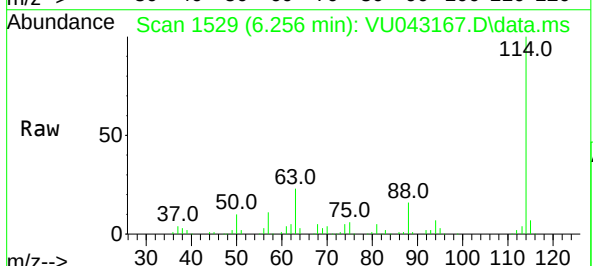
Instrument :
MSVOA_U
ClientSampled :
PZ-02

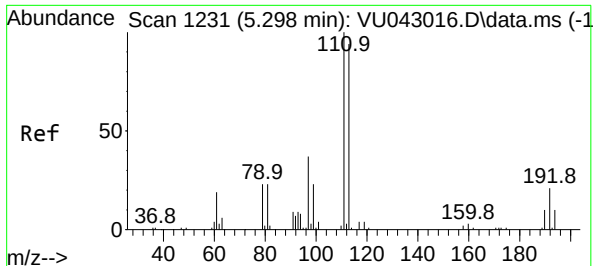
Tgt Ion: 65 Resp: 91715
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

Tgt Ion: 114 Resp: 176476
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.2
88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.29 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043167.D

Acq: 16 Apr 2021 14:42

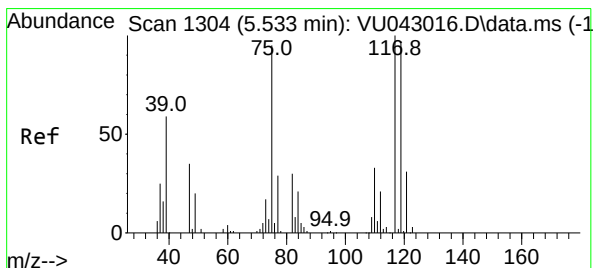
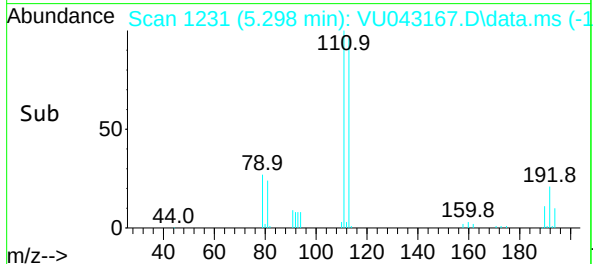
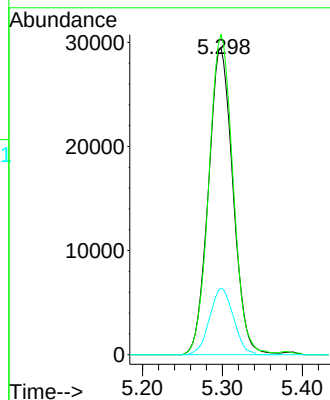
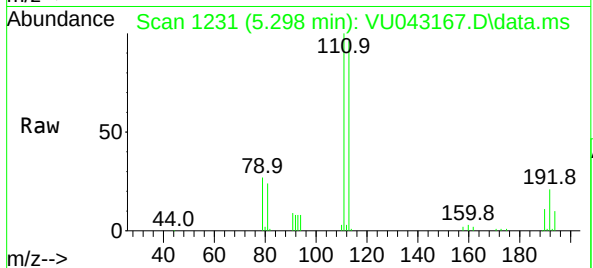
Tgt Ion: 113 Resp: 62707

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 21.0 17.2 25.8



#36

1,1-Dichloropropene

Concen: 4.71 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043167.D

Acq: 16 Apr 2021 14:42

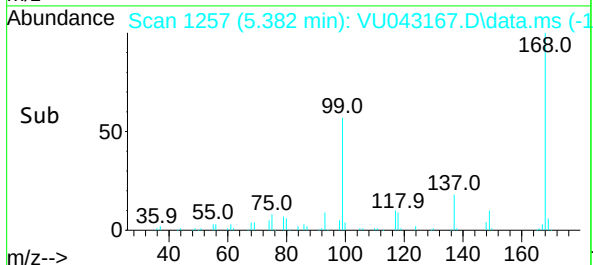
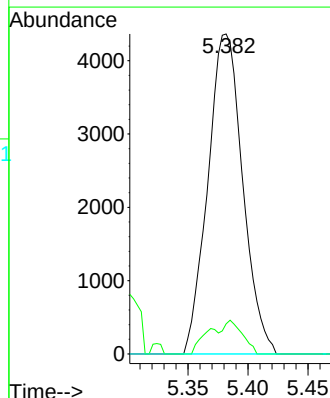
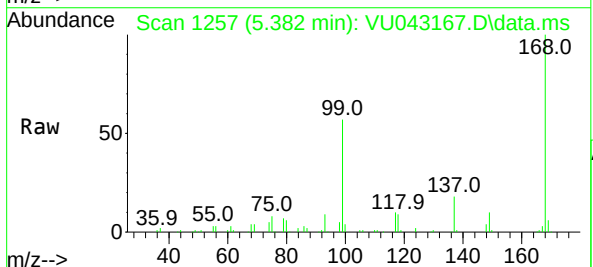
Tgt Ion: 75 Resp: 8819

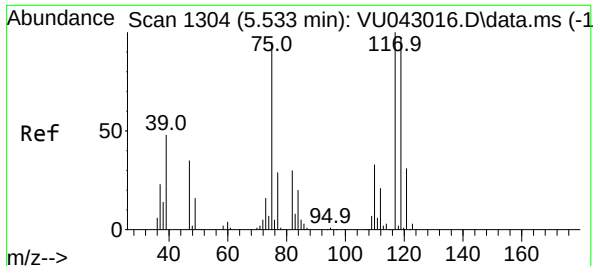
Ion Ratio Lower Upper

75 100

110 5.9 16.8 50.3#

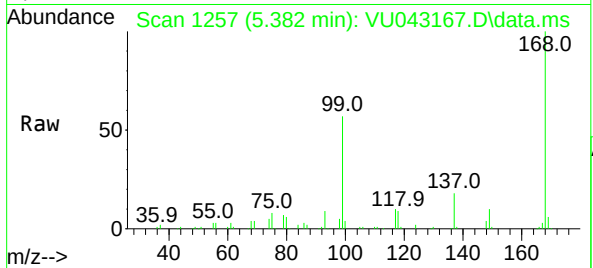
77 0.0 24.8 37.2#



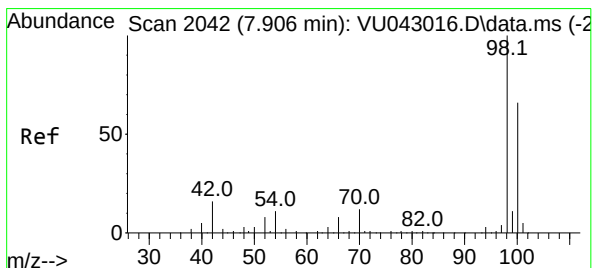
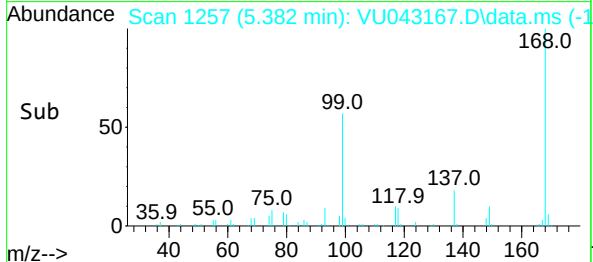
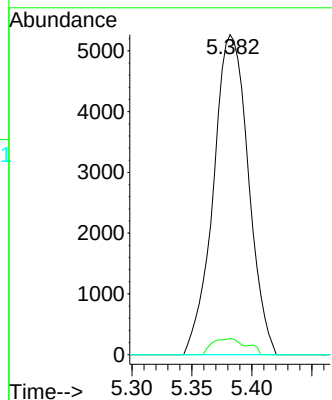


#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

Instrument :
MSVOA_U
ClientSampled :
PZ-02

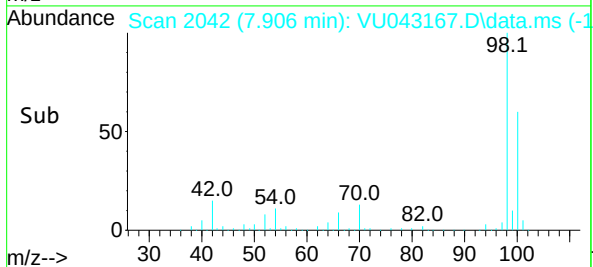
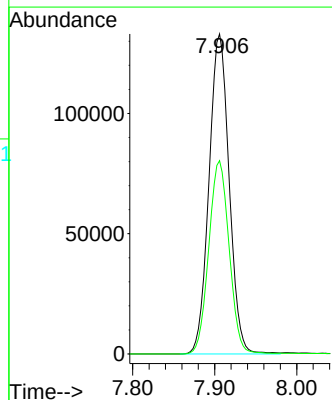
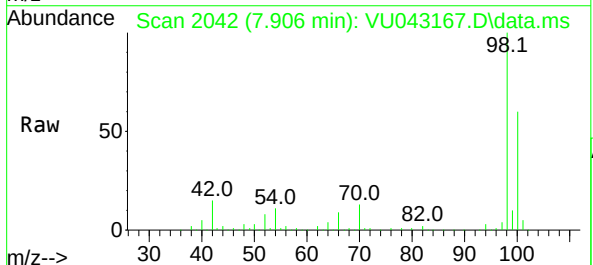


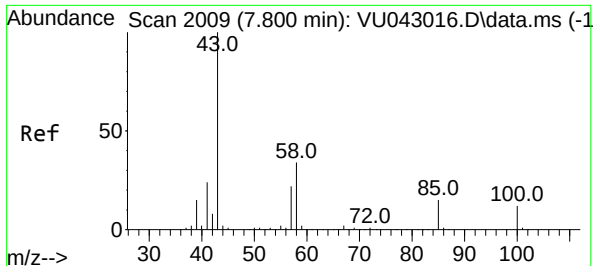
Tgt Ion: 117 Resp: 10683
Ion Ratio Lower Upper
117 100
119 5.0 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.44 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

Tgt Ion: 98 Resp: 227286
Ion Ratio Lower Upper
98 100
100 61.1 50.2 75.2

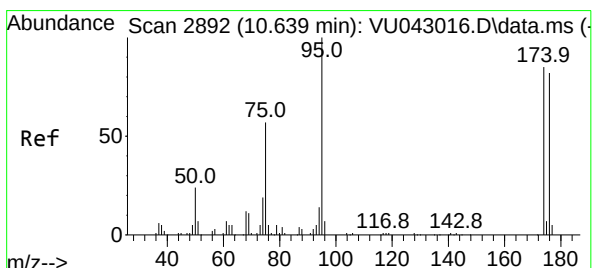
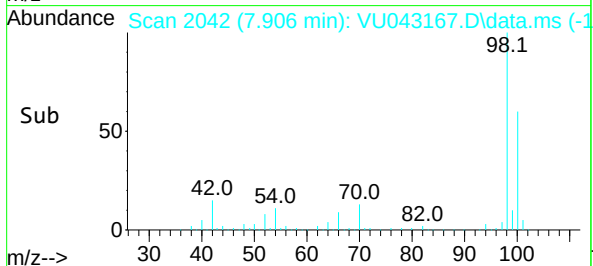
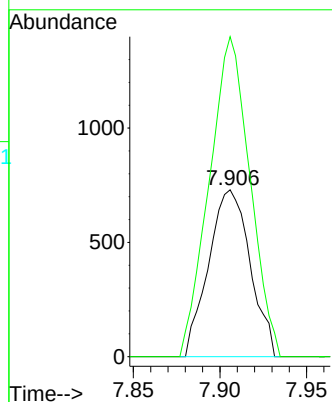
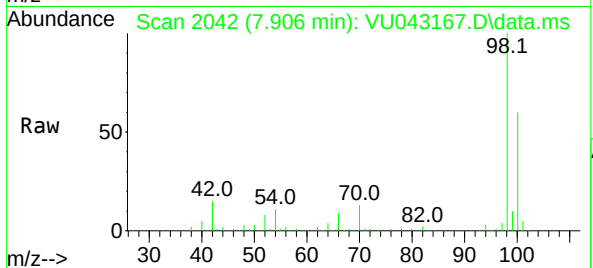




#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

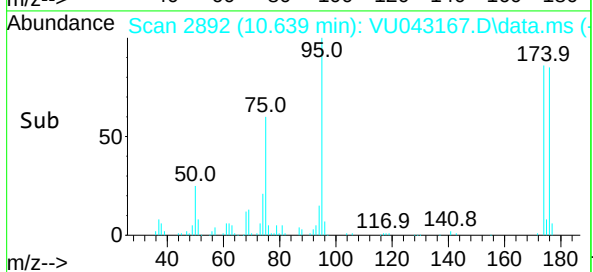
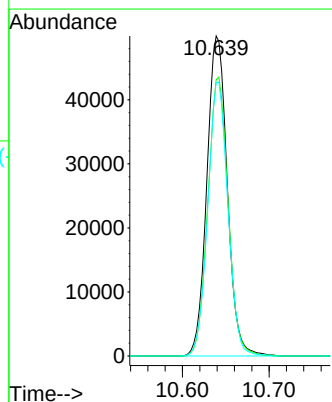
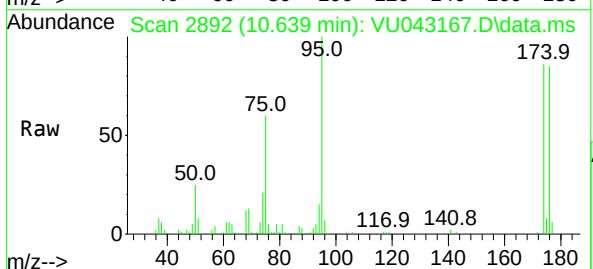
Instrument :
MSVOA_U
ClientSampled :
PZ-02

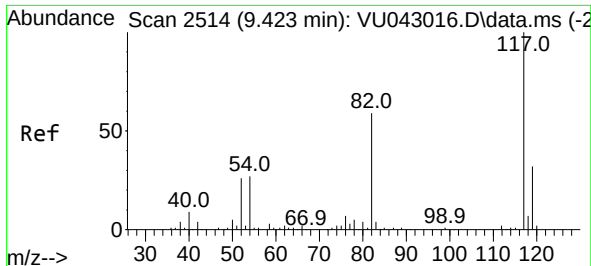
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
58 187.6 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 43.51 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

Tgt Ion: 95 Resp: 81762
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.2
176 84.5 0.0 168.8

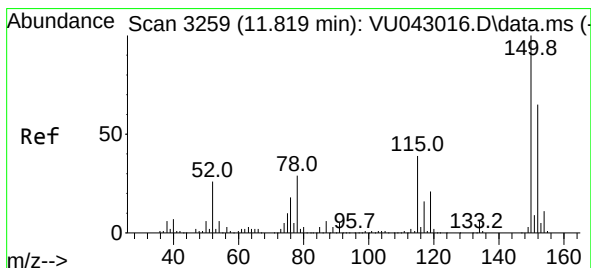
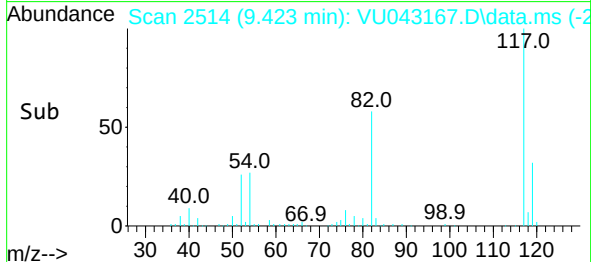
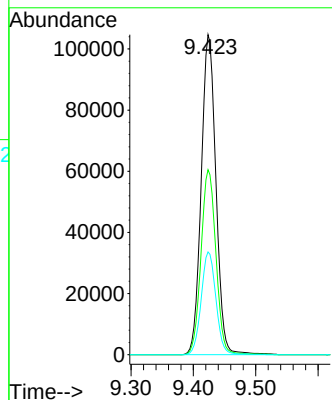
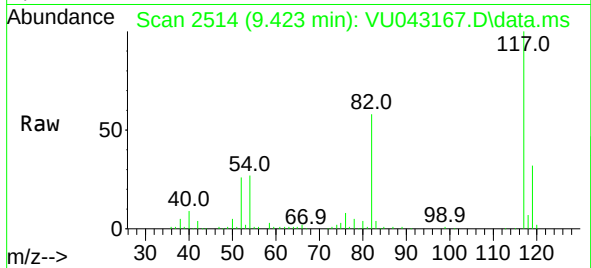




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

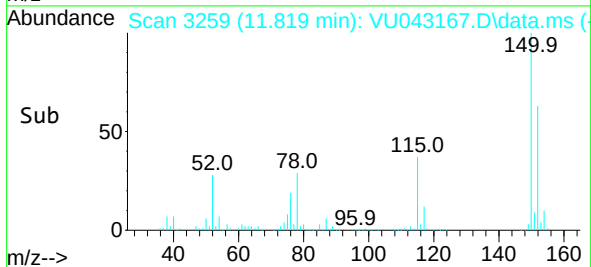
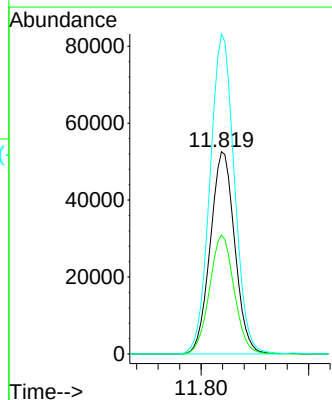
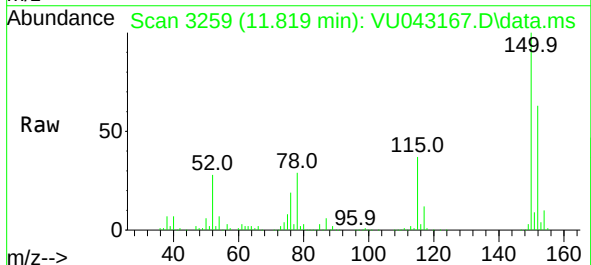
Instrument :
MSVOA_U
ClientSampled :
PZ-02

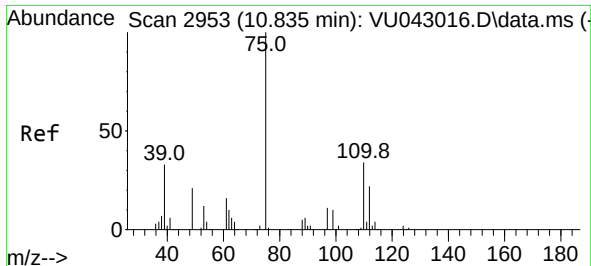
Tgt Ion:117 Resp: 172124
Ion Ratio Lower Upper
117 100
82 57.8 45.8 68.6
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

Tgt Ion:152 Resp: 83012
Ion Ratio Lower Upper
152 100
115 59.3 41.5 124.6
150 158.4 0.0 342.4

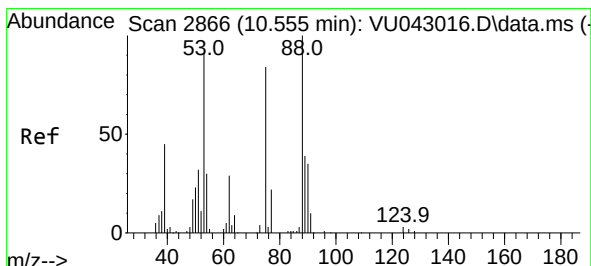
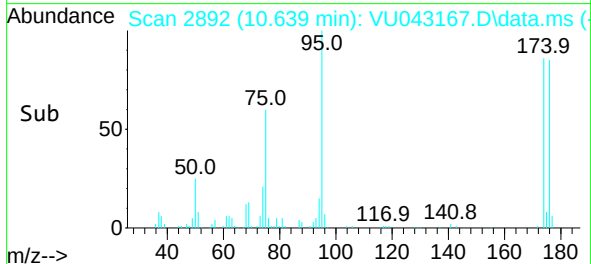
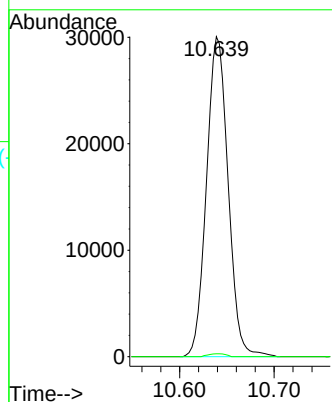
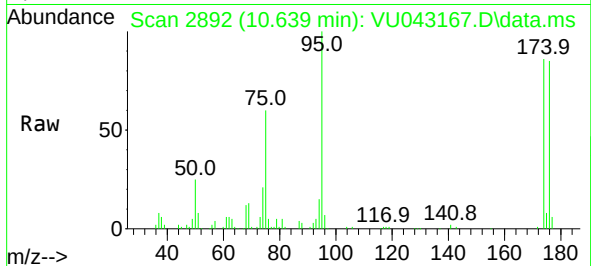




#76
1,2,3-Trichloropropane
Concen: 19.68 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

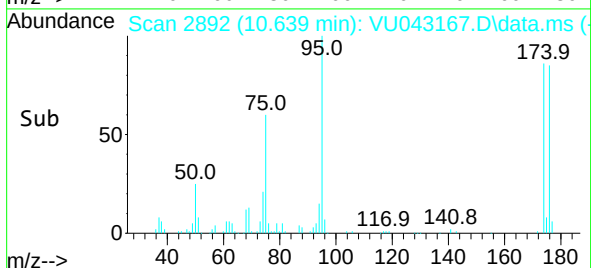
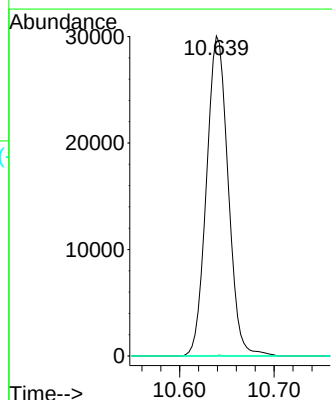
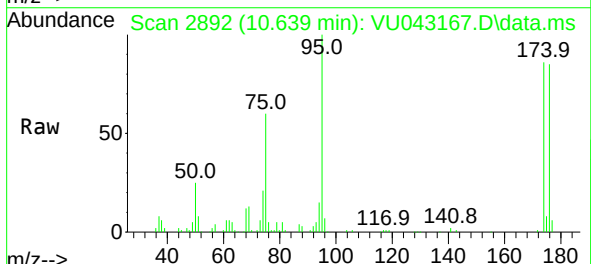
Instrument :
MSVOA_U
ClientSampled :
PZ-02

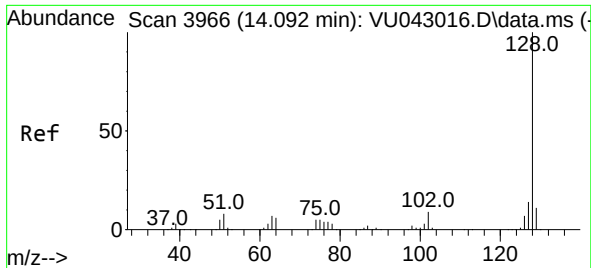
Tgt Ion: 75 Resp: 47728
Ion Ratio Lower Upper
75 100
77 0.7 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.81 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

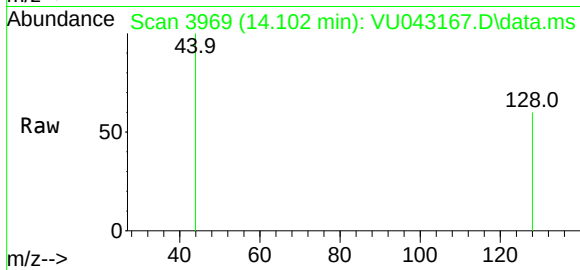
Tgt Ion: 75 Resp: 47728
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.77 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VU043167.D
Acq: 16 Apr 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :
PZ-02



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

