

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043026.D
 Acq On : 12 Apr 2021 16:24
 Operator : SY/MD
 Sample : M1966-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB 2021-04-06

Quant Time: Apr 13 05:14:00 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)

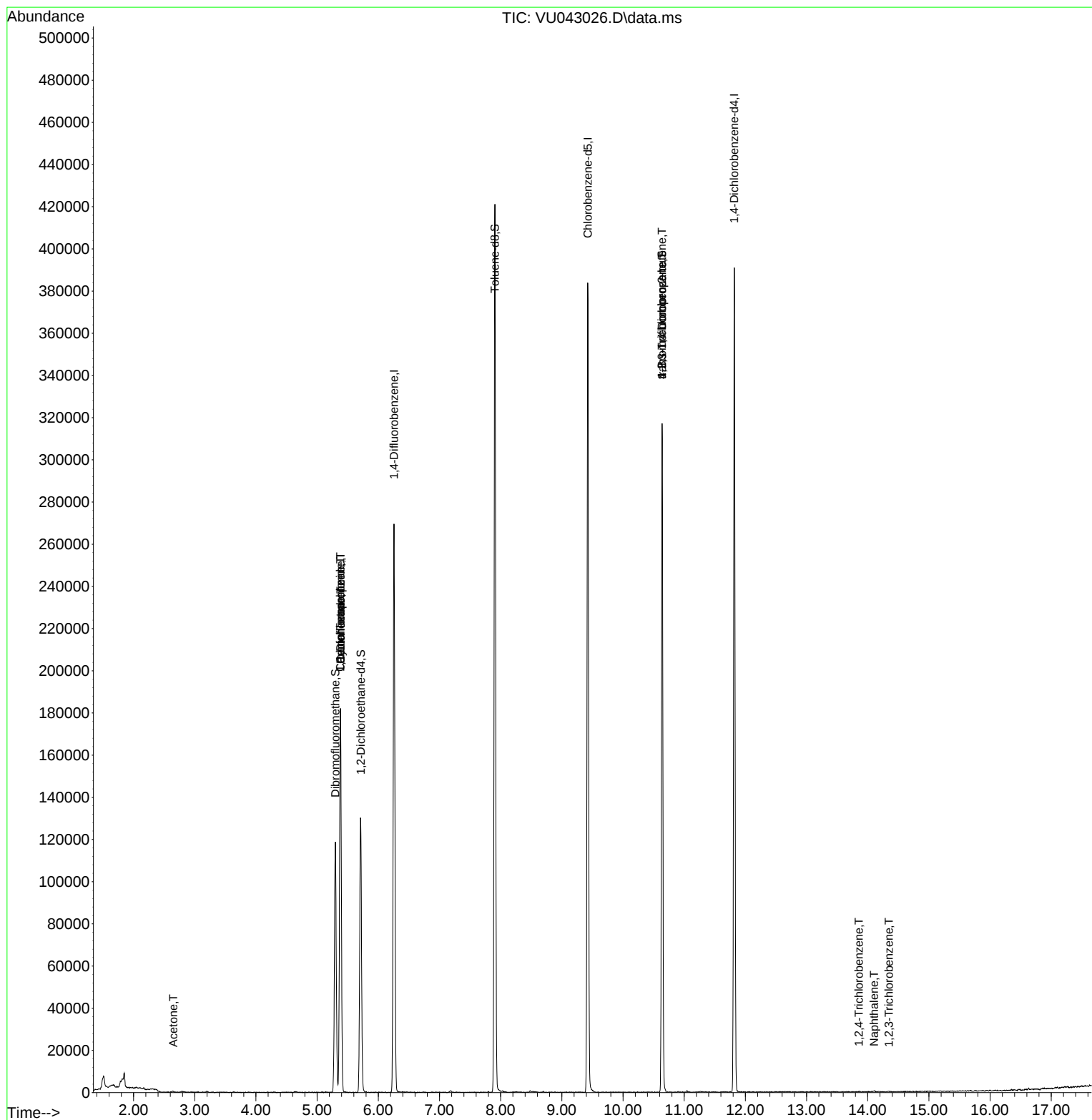
Internal Standards						
1) Pentafluorobenzene	5.382	168	122564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	202210	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	192010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	96138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	101987	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	5.298	113	71438	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	7.906	98	255558	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	10.639	95	92121	42.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.58%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	543	Below Cal	#	41
16) Acetone	2.649	43	680	0.26	ug/l #	48
31) Cyclohexane	5.382	56	3114	1.23	ug/l #	19
36) 1,1-Dichloropropene	5.378	75	10304	4.80	ug/l #	51
38) Carbon Tetrachloride	5.378	117	12516	5.44	ug/l #	16
76) 1,2,3-Trichloropropane	10.639	75	53359	18.99	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	53359	55.81	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.857	180	45	1.53	ug/l #	13
95) Naphthalene	14.105	128	669	2.83	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.346	180	148	1.53	ug/l #	56

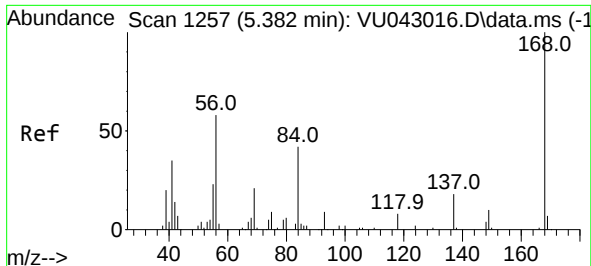
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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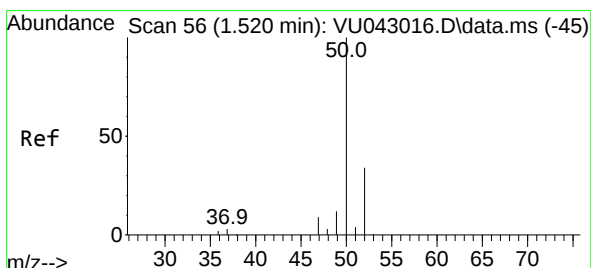
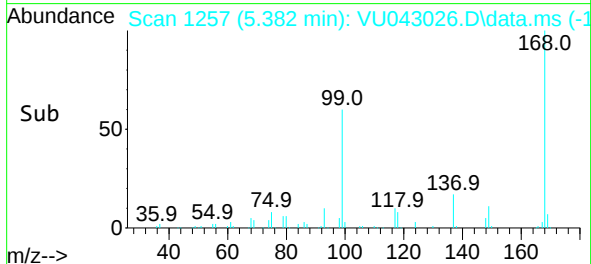
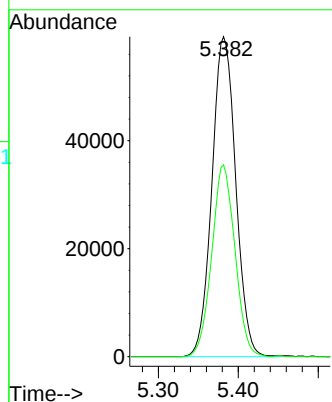
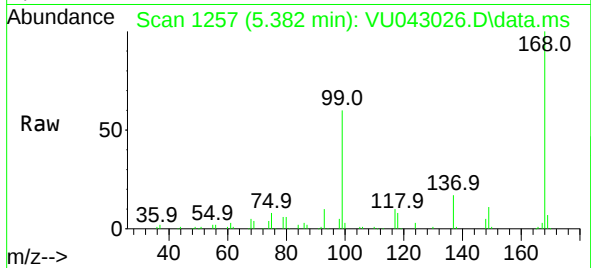




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

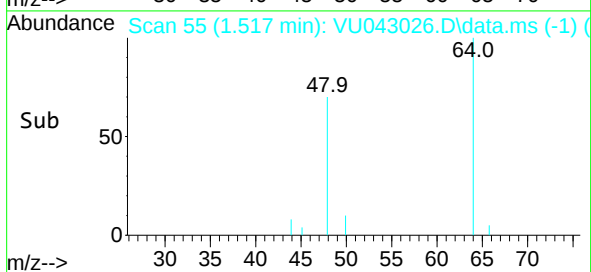
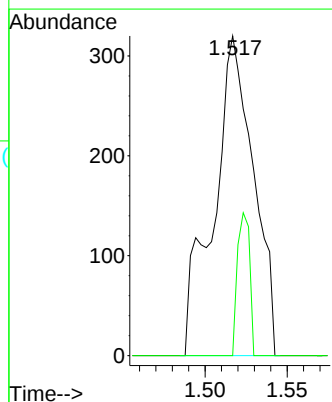
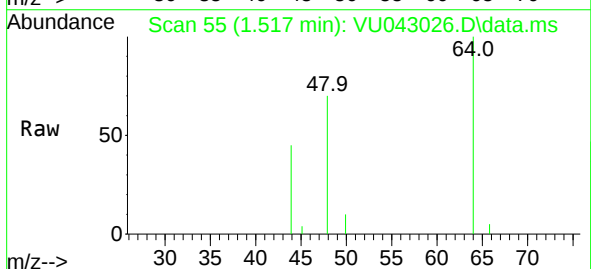
Instrument :
MSVOA_U
ClientSampleId :
TB 2021-04-06

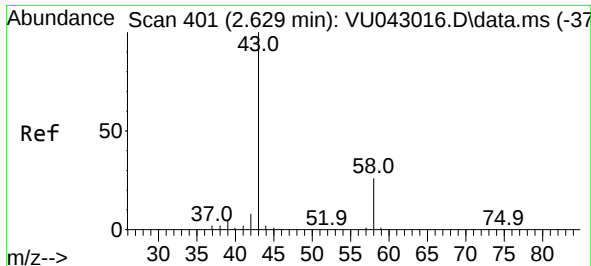
Tgt Ion:168 Resp: 122564
Ion Ratio Lower Upper
168 100
99 60.0 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

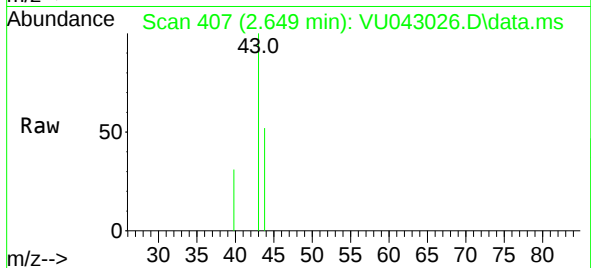
Tgt Ion: 50 Resp: 543
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



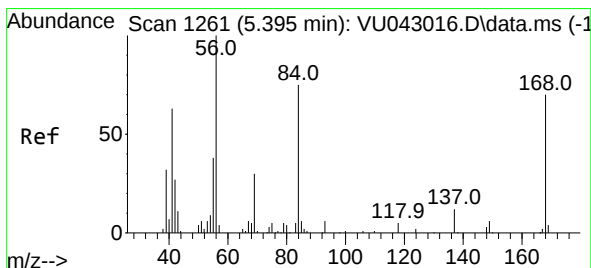
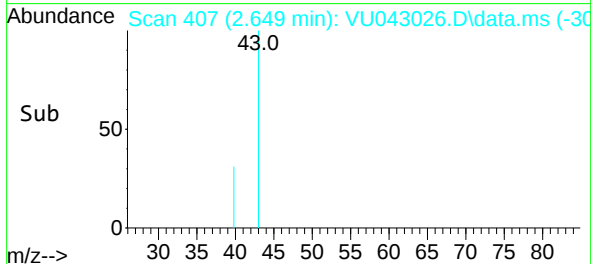
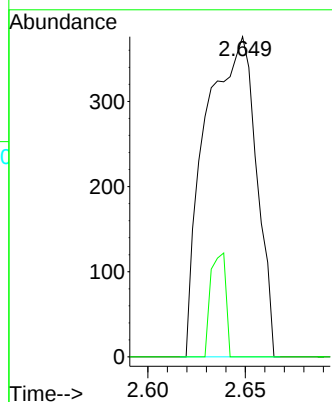


#16
Acetone
Concen: 0.26 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.020 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

Instrument :
MSVOA_U
ClientSampleId :
TB 2021-04-06

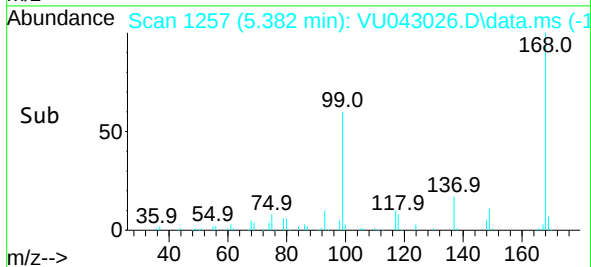
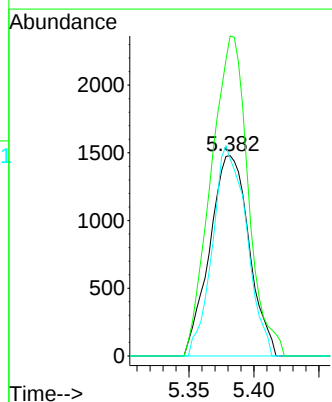
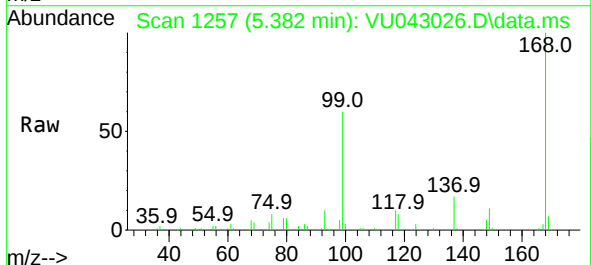


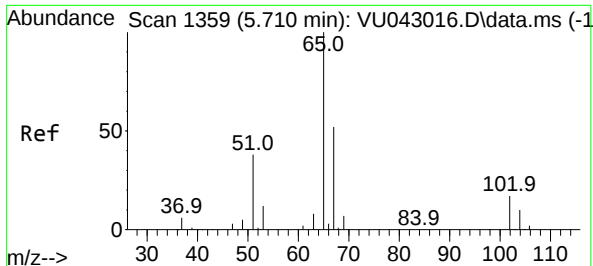
Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#



#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

Tgt Ion: 56 Resp: 3114
Ion Ratio Lower Upper
56 100
69 159.8 24.9 37.3#
84 98.4 63.7 95.5#





#33

1,2-Dichloroethane-d4

Concen: 49.50 ug/l

RT: 5.713 min Scan# 1360

Delta R.T. 0.003 min

Lab File: VU043026.D

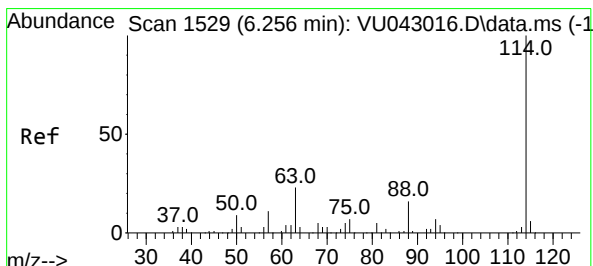
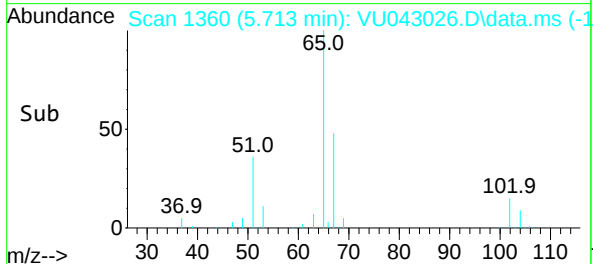
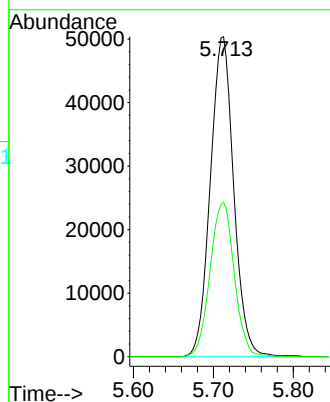
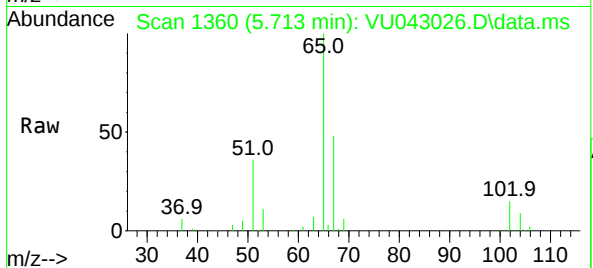
Acq: 12 Apr 2021 16:24

Tgt Ion: 65 Resp: 101987

Ion Ratio Lower Upper

65 100

67 50.0 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: VU043026.D

Acq: 12 Apr 2021 16:24

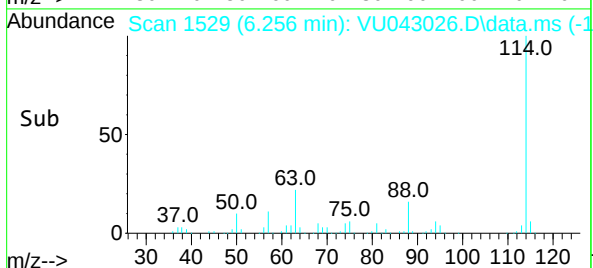
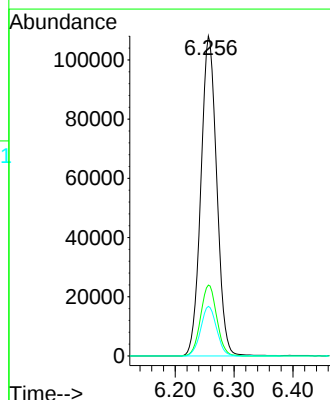
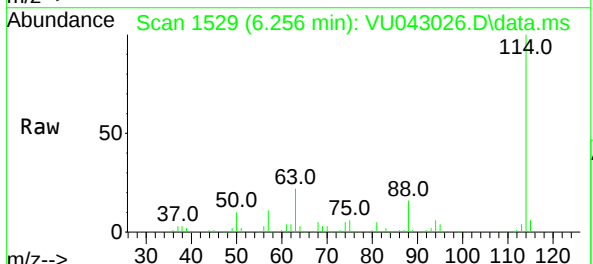
Tgt Ion: 114 Resp: 202210

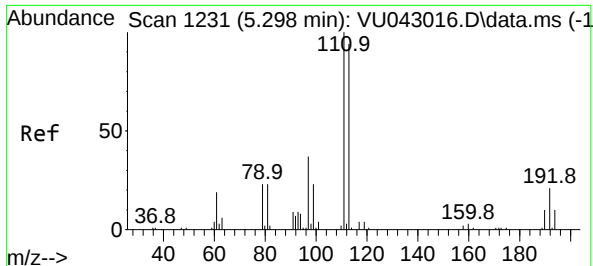
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.2

88 15.5 0.0 33.4

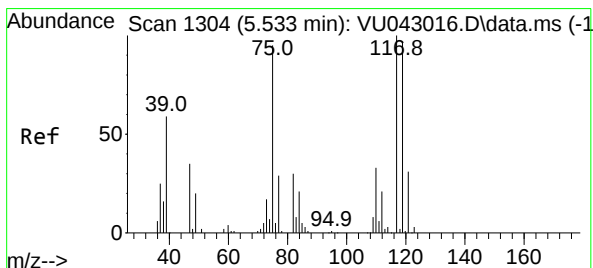
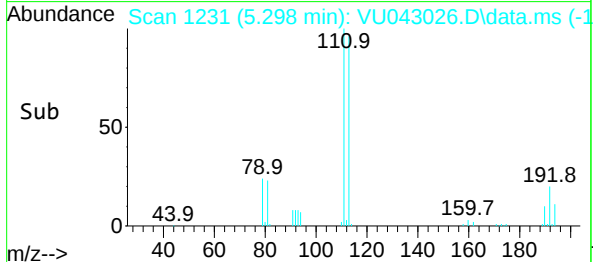
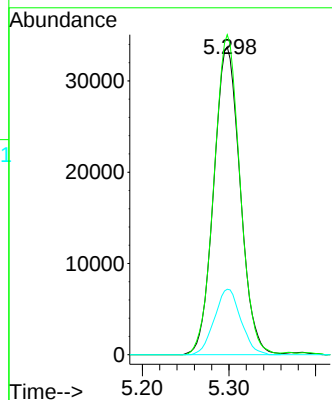
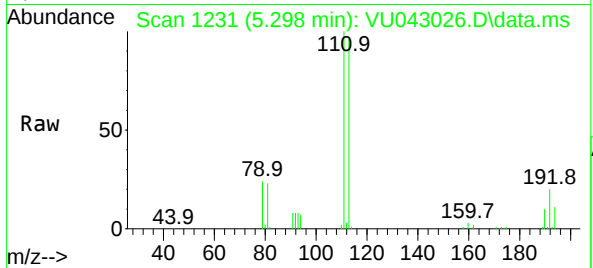




#35
Dibromofluoromethane
Concen: 47.02 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

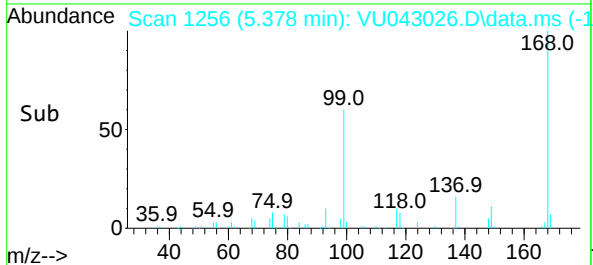
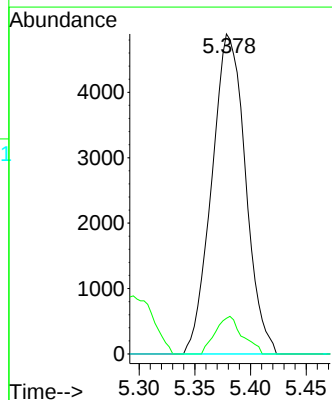
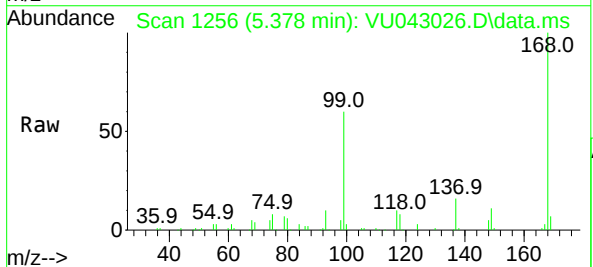
Instrument :
MSVOA_U
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TB 2021-04-06

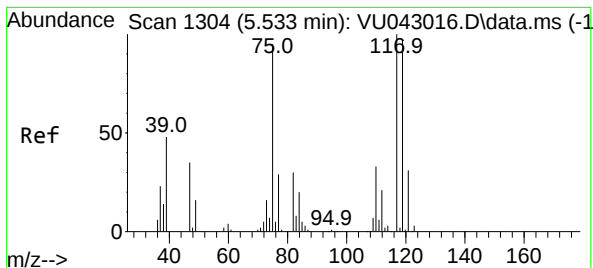
Tgt Ion:	113	Resp:	71438
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	21.3	17.2	25.8



#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

Tgt Ion:	75	Resp:	10304
Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.8	50.3#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.44 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.155 min

Lab File: VU043026.D

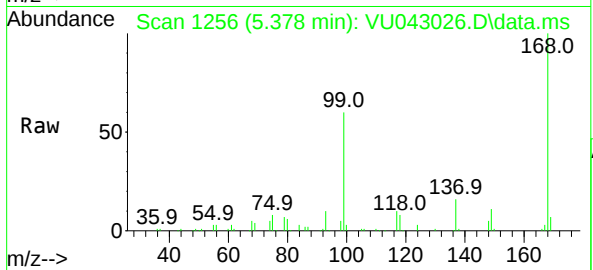
Acq: 12 Apr 2021 16:24

Instrument :

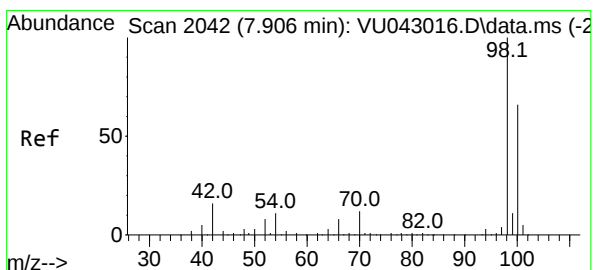
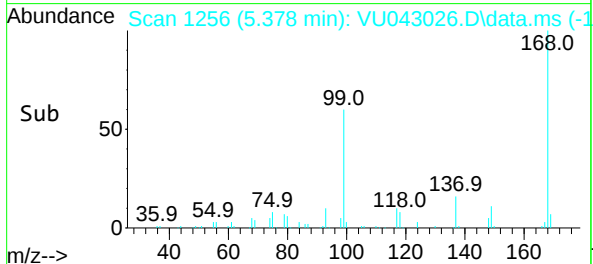
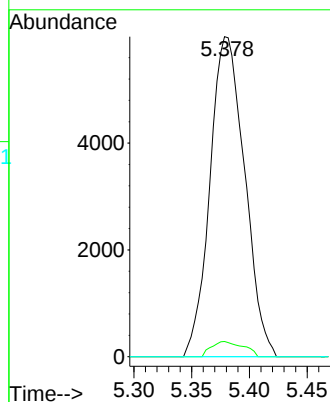
MSVOA_U

ClientSampleId :

TB 2021-04-06



Tgt Ion:	117	Resp:	12516
Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.5	113.3#
121	0.0	24.7	37.1#



#50

Toluene-d8

Concen: 47.53 ug/l

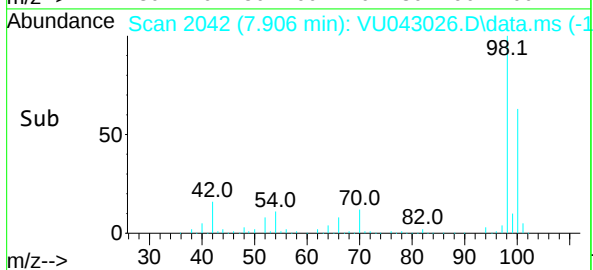
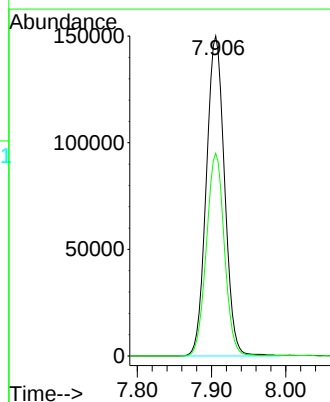
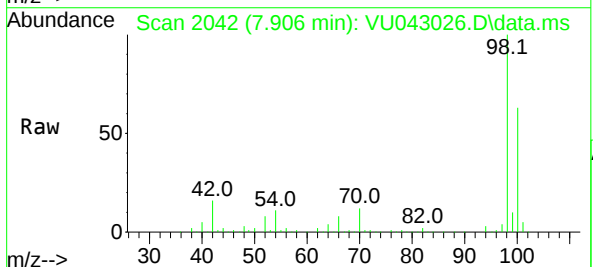
RT: 7.906 min Scan# 2042

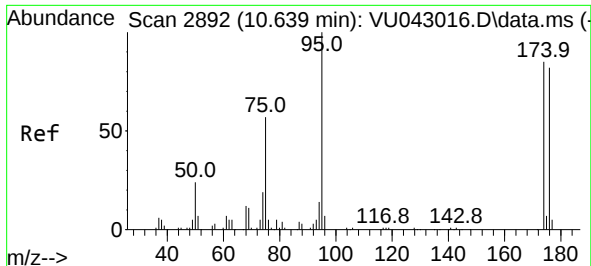
Delta R.T. -0.000 min

Lab File: VU043026.D

Acq: 12 Apr 2021 16:24

Tgt Ion:	98	Resp:	255558
Ion	Ratio	Lower	Upper
98	100		
100	62.3	50.2	75.2

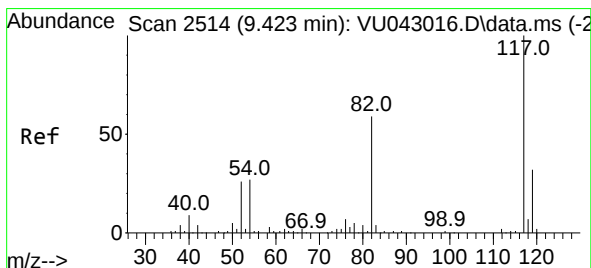
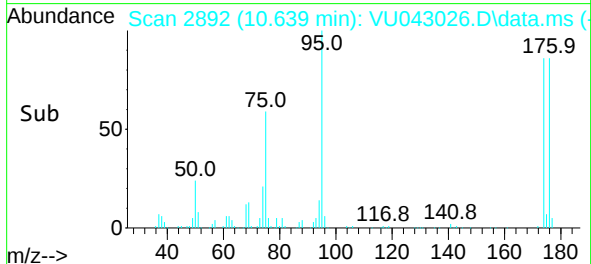
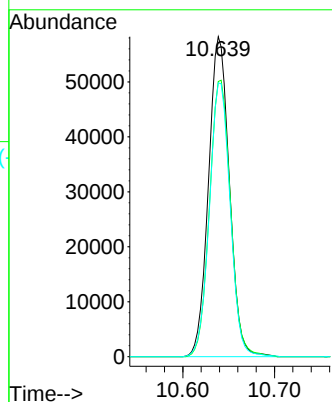
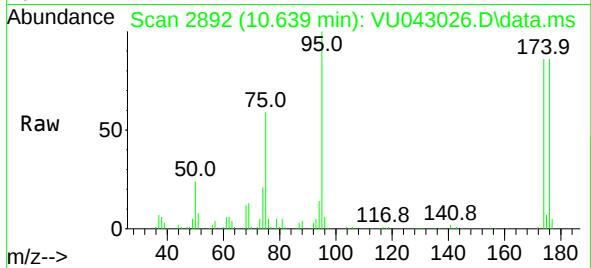




#62
4-Bromofluorobenzene
Concen: 42.79 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

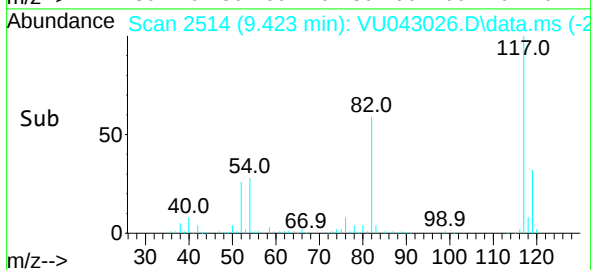
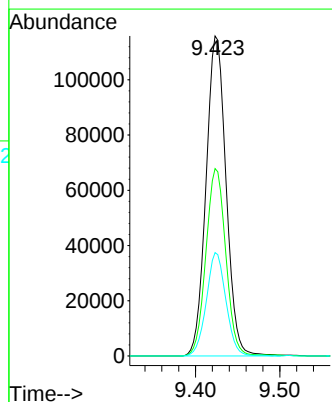
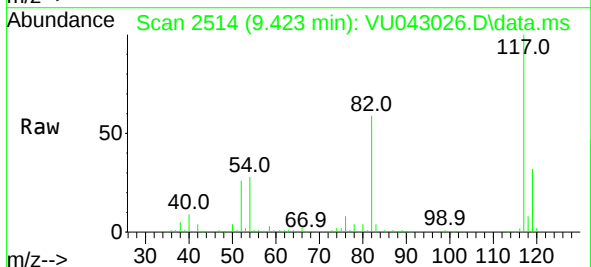
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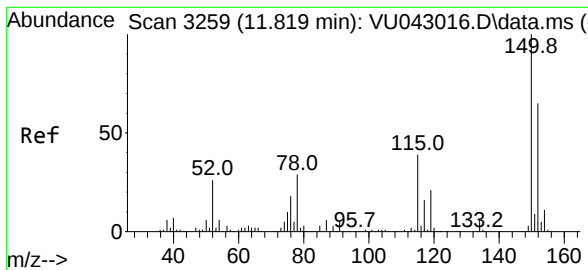
Tgt Ion: 95 Resp: 92121
Ion Ratio Lower Upper
95 100
174 87.2 0.0 172.2
176 85.1 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

Tgt Ion: 117 Resp: 192010
Ion Ratio Lower Upper
117 100
82 58.6 45.8 68.6
119 32.3 25.8 38.8

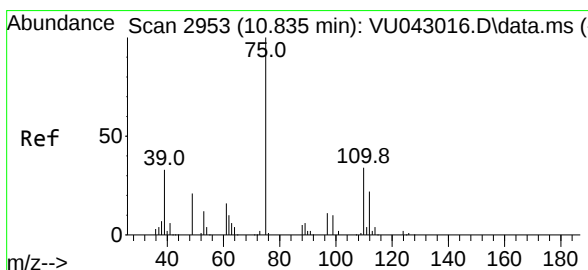
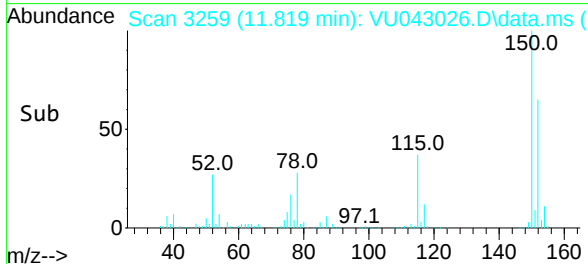
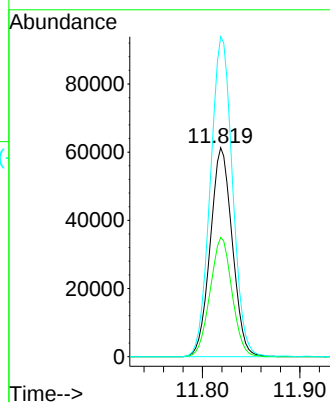
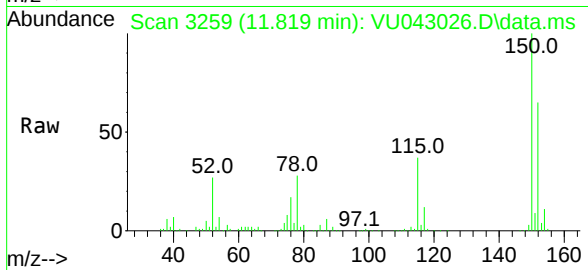




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

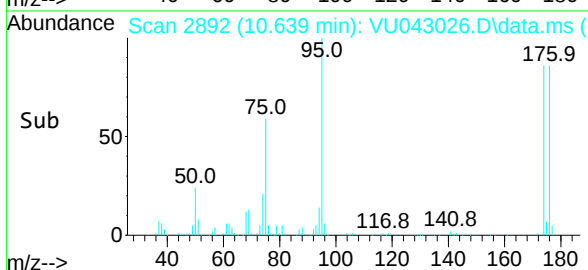
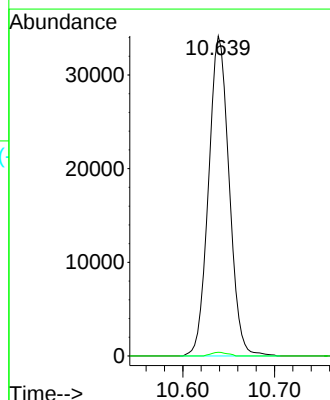
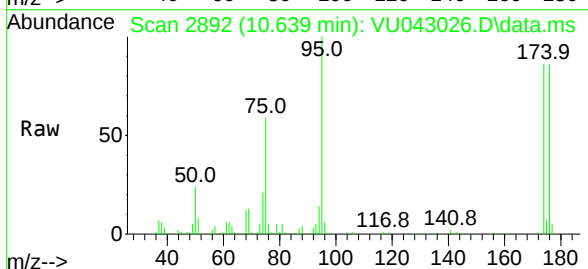
Instrument :
MSVOA_U
ClientSampleId :
TB_2021-04-06

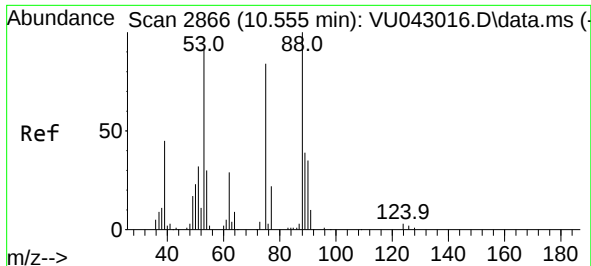
Tgt Ion:152 Resp: 96138
Ion Ratio Lower Upper
152 100
115 56.8 41.5 124.6
150 154.0 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 18.99 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

Tgt Ion: 75 Resp: 53359
Ion Ratio Lower Upper
75 100
77 0.9 20.2 60.5#

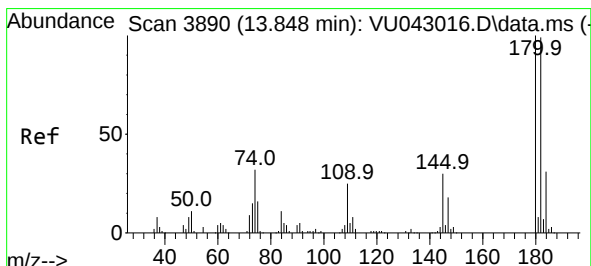
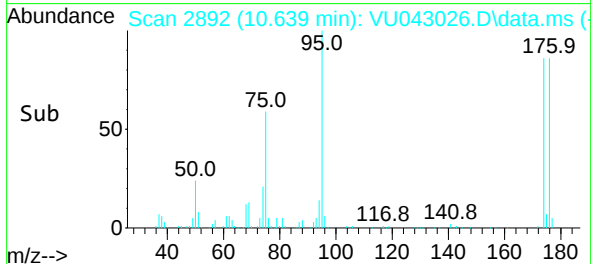
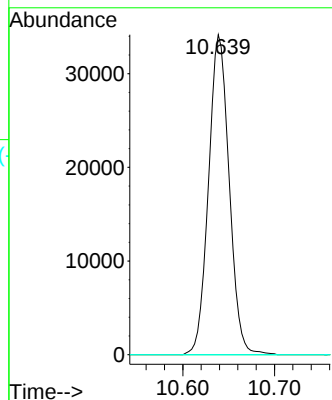
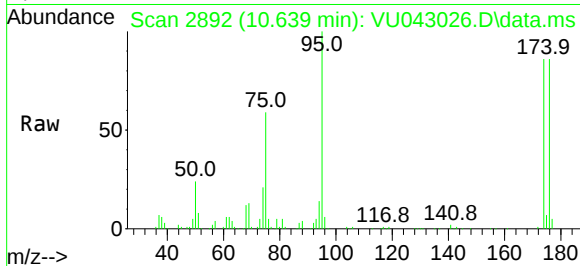




#81
trans-1,4-Dichloro-2-butene
Concen: 55.81 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

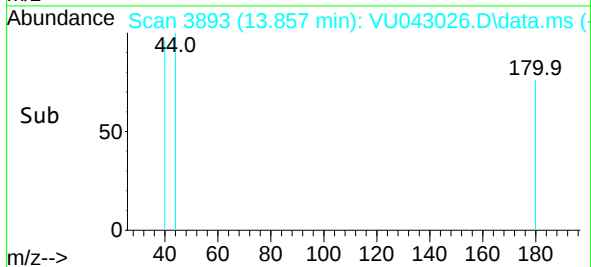
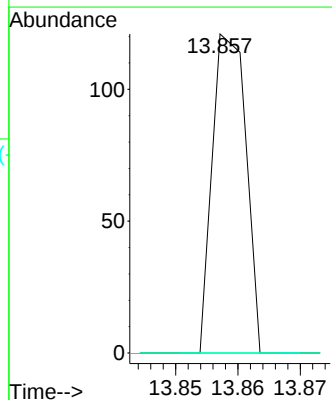
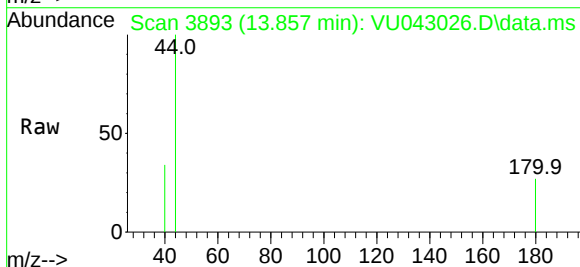
Instrument :
MSVOA_U
ClientSampleId :
TB 2021-04-06

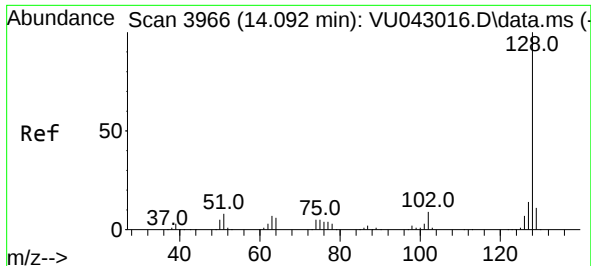
Tgt Ion: 75 Resp: 53359
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#93
1,2,4-Trichlorobenzene
Concen: 1.53 ug/l
RT: 13.857 min Scan# 3893
Delta R.T. 0.009 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

Tgt Ion:180 Resp: 45
Ion Ratio Lower Upper
180 100
182 0.0 46.9 140.8#
145 0.0 14.4 43.4#

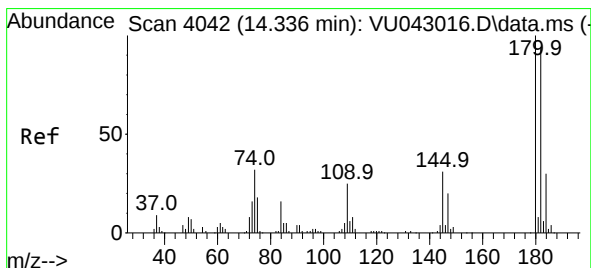
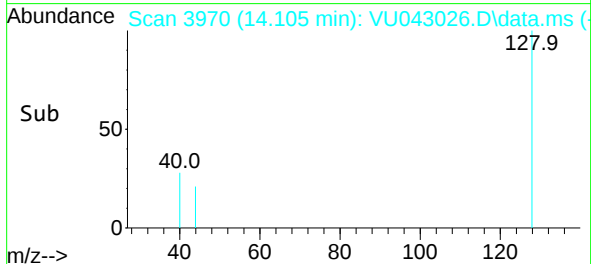
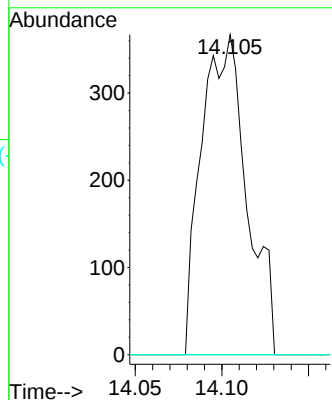
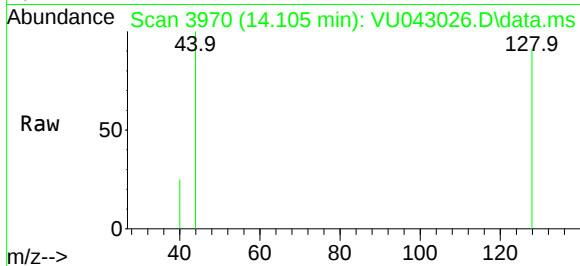




#95
Naphthalene
Concen: 2.83 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.013 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

Instrument :
MSVOA_U
ClientSampleId :
TB 2021-04-06

Tgt Ion:128 Resp: 669
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.53 ug/l
RT: 14.346 min Scan# 4045
Delta R.T. 0.010 min
Lab File: VU043026.D
Acq: 12 Apr 2021 16:24

Tgt Ion:180 Resp: 148
Ion Ratio Lower Upper
180 100
182 56.8 48.0 144.0
145 0.0 15.5 46.5#

