

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043386.D
 Acq On : 28 Apr 2021 15:17
 Operator : SY/MD
 Sample : M2133-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ125-20210420

Quant Time: Apr 29 08:39:00 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)

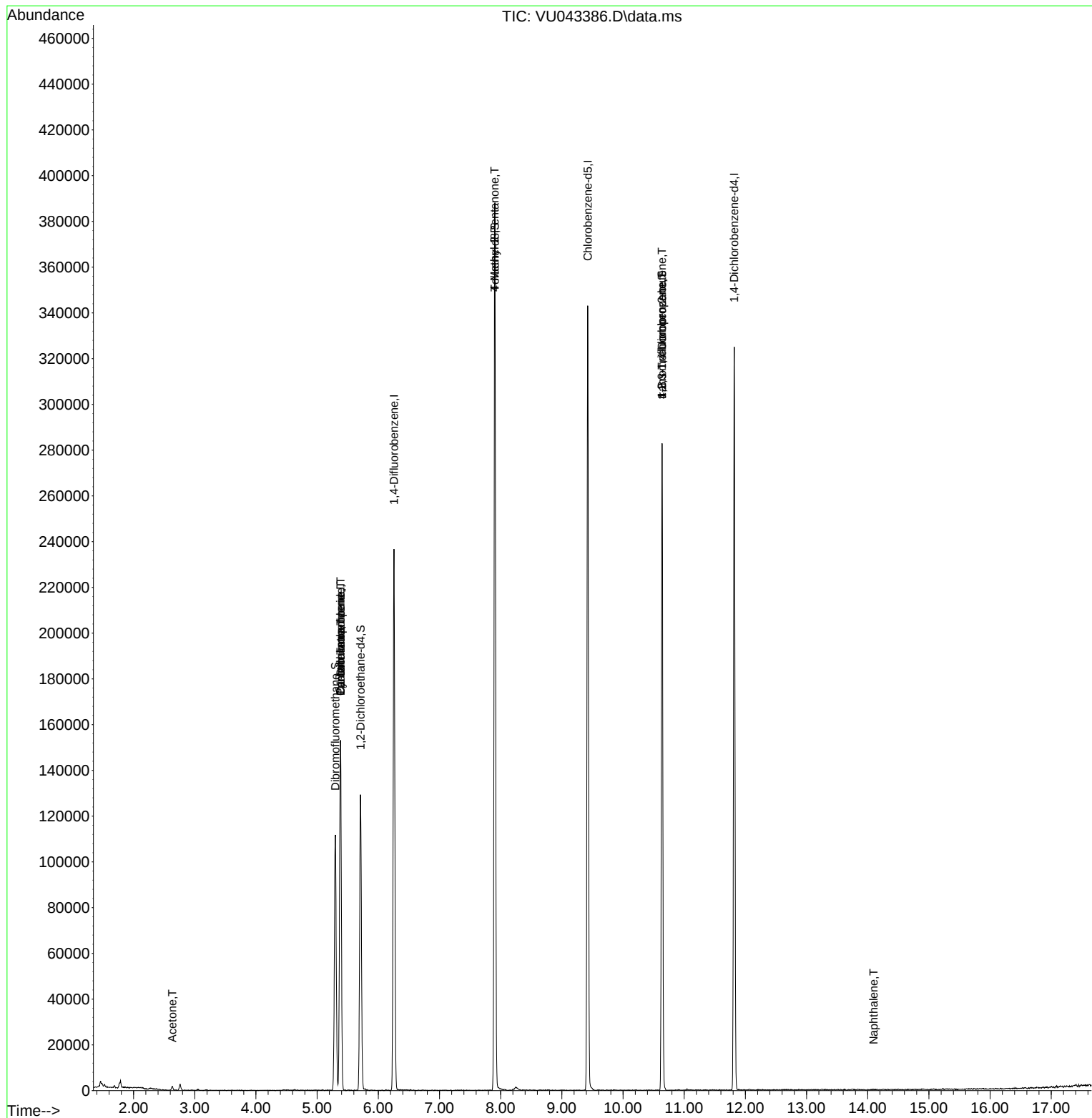
Internal Standards						
1) Pentafluorobenzene	5.382	168	103154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	172471	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	171476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	78988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99701	57.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.98%	
35) Dibromofluoromethane	5.298	113	69136	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
50) Toluene-d8	7.906	98	237250	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	10.639	95	82557	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	787	Below Cal	#	77
16) Acetone	2.633	43	2129	1.79	ug/l	93
31) Cyclohexane	5.382	56	2559	1.20	ug/l #	16
36) 1,1-Dichloropropene	5.382	75	8528	4.66	ug/l #	50
38) Carbon Tetrachloride	5.382	117	10400	5.30	ug/l #	17
51) 4-Methyl-2-Pentanone	7.903	43	1215	0.37	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	47316	20.50	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	47316	60.24	ug/l #	7
95) Naphthalene	14.099	128	107	2.76	ug/l #	69

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

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QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

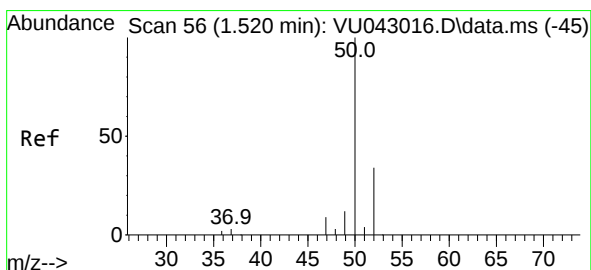
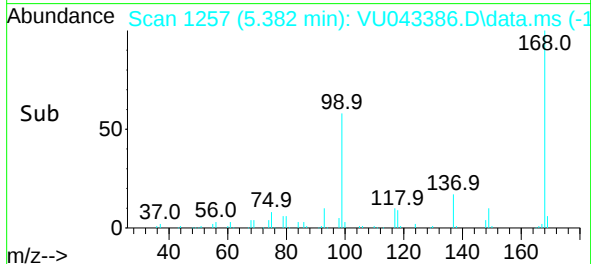
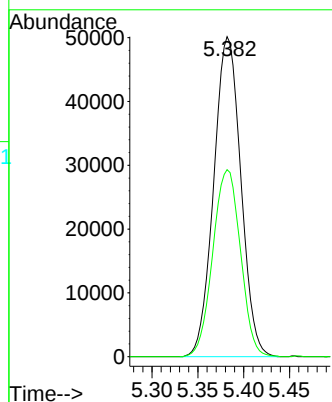
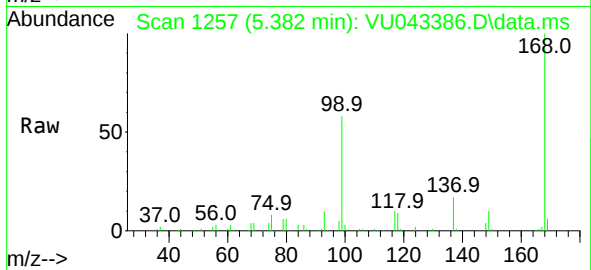




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043386.D
Acq: 28 Apr 2021 15:17

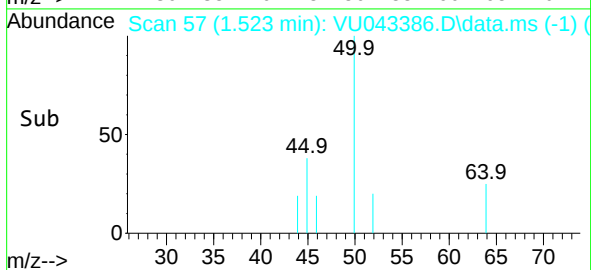
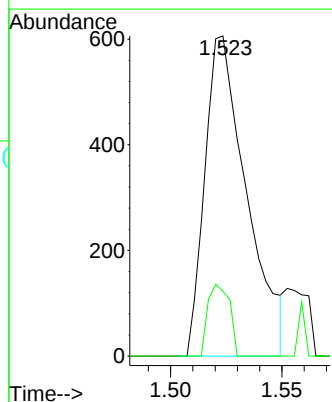
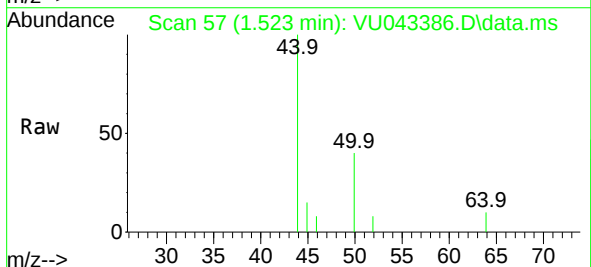
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ125-20210420

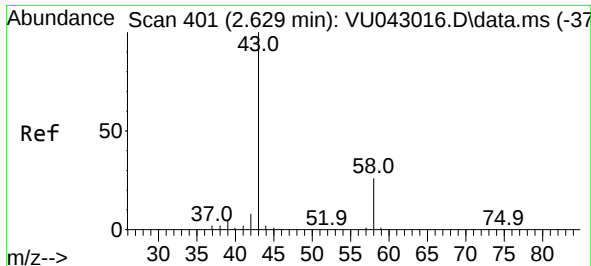
Tgt Ion:168 Resp: 103154
Ion Ratio Lower Upper
168 100
99 58.5 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043386.D
Acq: 28 Apr 2021 15:17

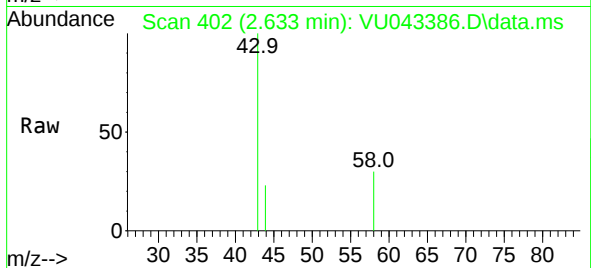
Tgt Ion: 50 Resp: 787
Ion Ratio Lower Upper
50 100
52 20.3 26.6 40.0#



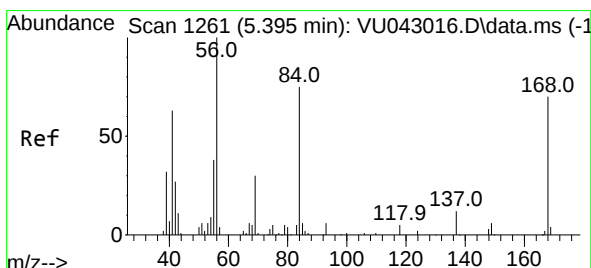
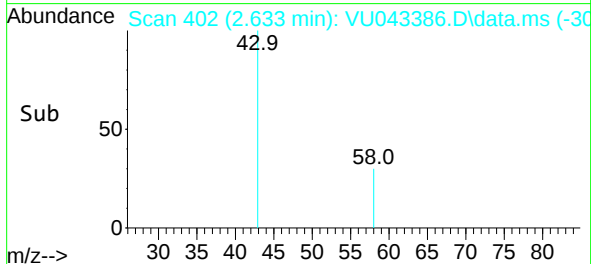
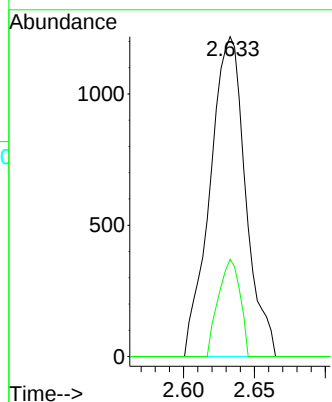


#16
Acetone
Concen: 1.79 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043386.D
Acq: 28 Apr 2021 15:17

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ125-20210420

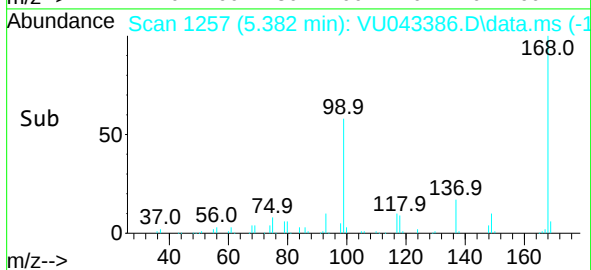
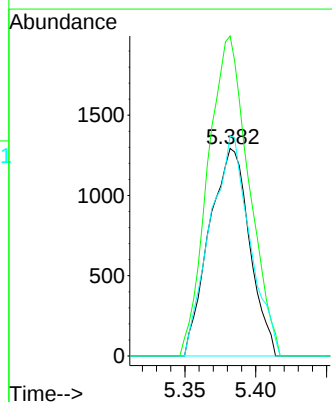
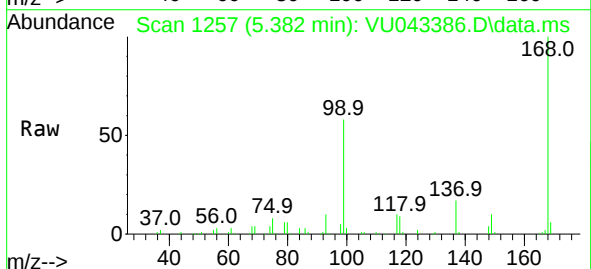


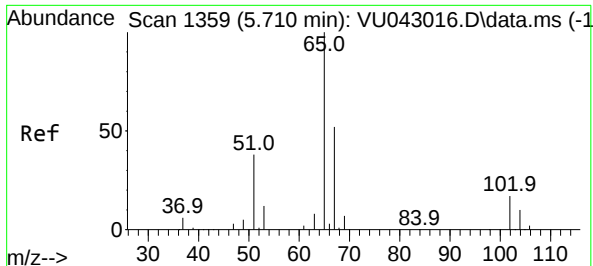
Tgt Ion: 43 Resp: 2129
Ion Ratio Lower Upper
43 100
58 30.4 21.5 32.3



#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043386.D
Acq: 28 Apr 2021 15:17

Tgt Ion: 56 Resp: 2559
Ion Ratio Lower Upper
56 100
69 154.2 24.9 37.3#
84 106.0 63.7 95.5#





#33

1,2-Dichloroethane-d4

Concen: 57.49 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043386.D

Acq: 28 Apr 2021 15:17

Tgt Ion: 65 Resp: 99701

Ion Ratio Lower Upper

65 100

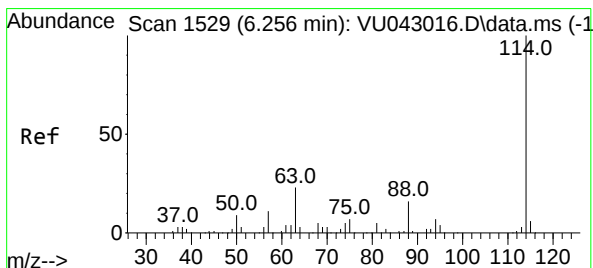
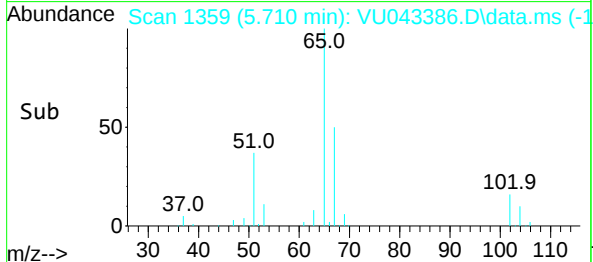
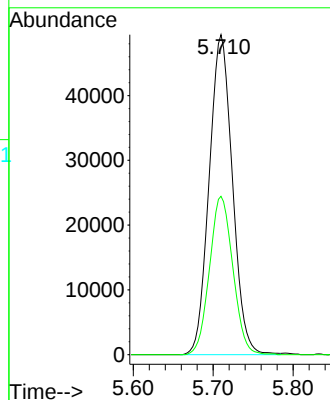
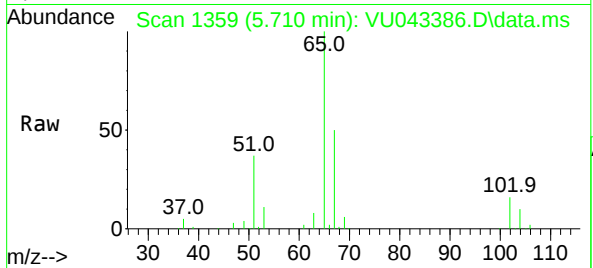
67 49.6 0.0 99.8

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ125-20210420



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043386.D

Acq: 28 Apr 2021 15:17

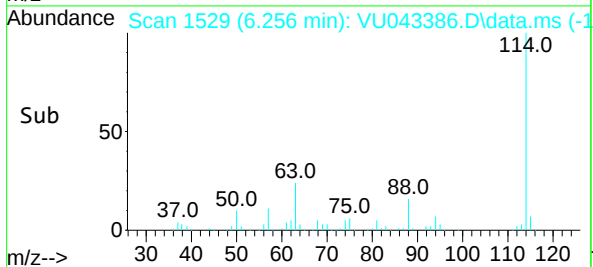
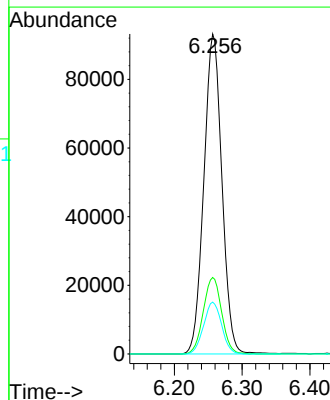
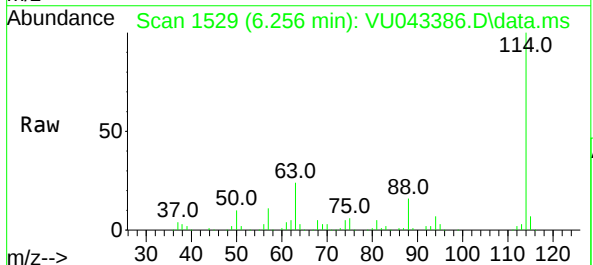
Tgt Ion: 114 Resp: 172471

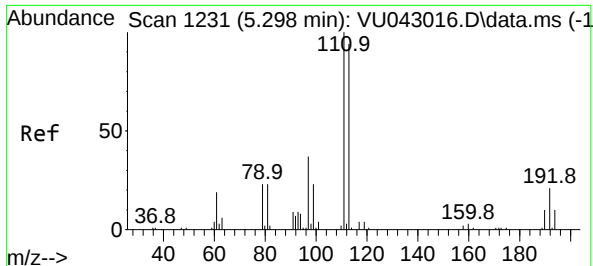
Ion Ratio Lower Upper

114 100

63 23.9 0.0 44.2

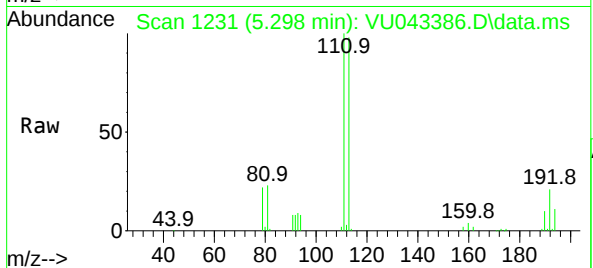
88 16.2 0.0 33.4



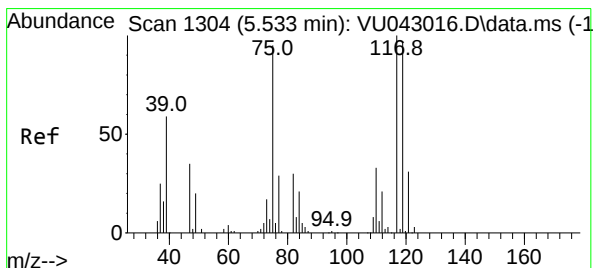
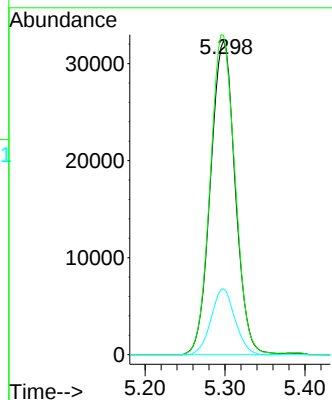
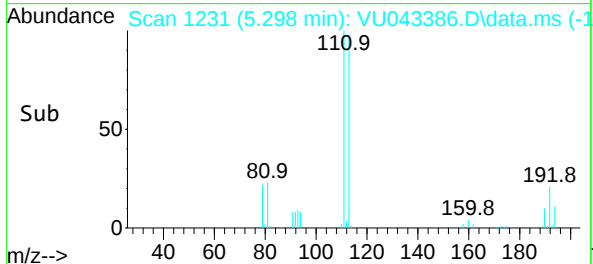


#35
Dibromofluoromethane
Concen: 53.35 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043386.D
Acq: 28 Apr 2021 15:17

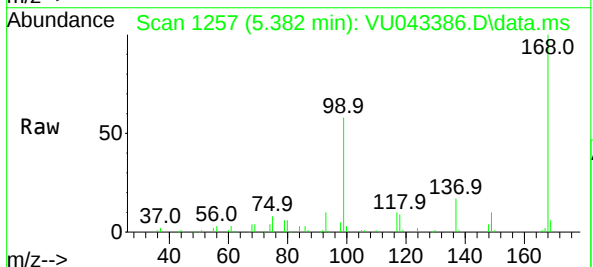
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ125-20210420



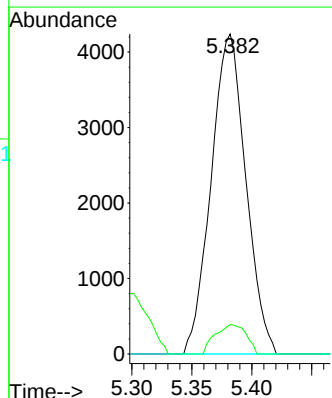
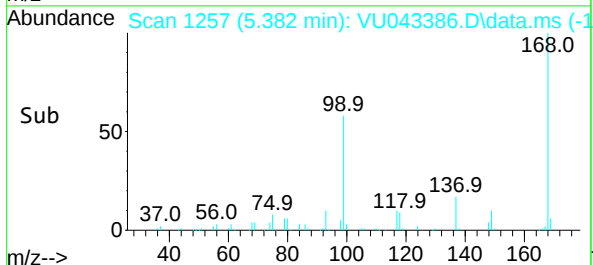
Tgt Ion:113 Resp: 69136
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 20.4 17.2 25.8

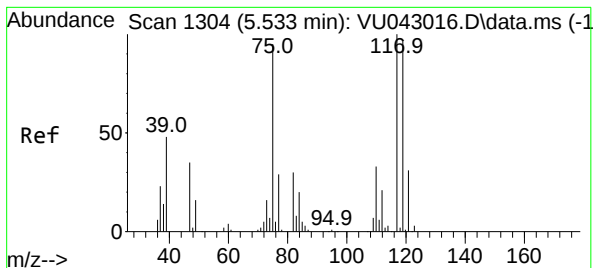


#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043386.D
Acq: 28 Apr 2021 15:17



Tgt Ion: 75 Resp: 8528
Ion Ratio Lower Upper
75 100
110 8.2 16.8 50.3#
77 0.0 24.8 37.2#

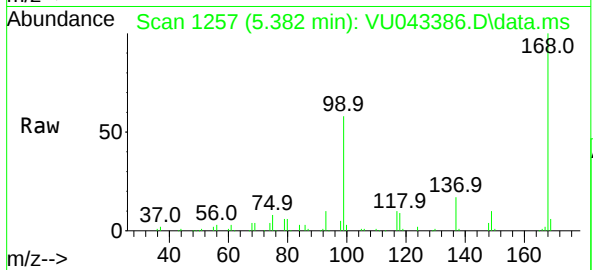




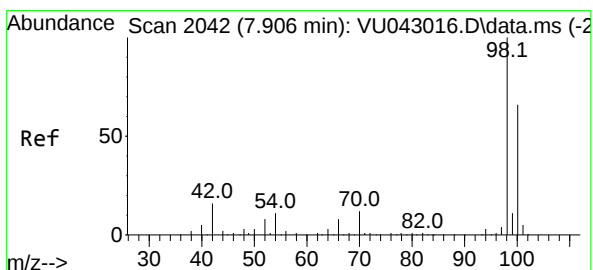
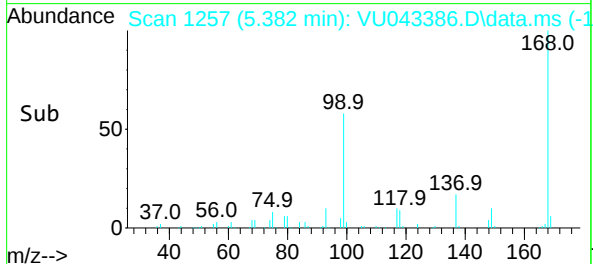
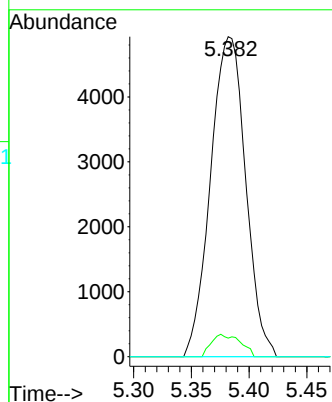
#38

Carbon Tetrachloride
 Concen: 5.30 ug/l
 RT: 5.382 min Scan# 1257
 Delta R.T. -0.151 min
 Lab File: VU043386.D
 Acq: 28 Apr 2021 15:17

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ125-20210420



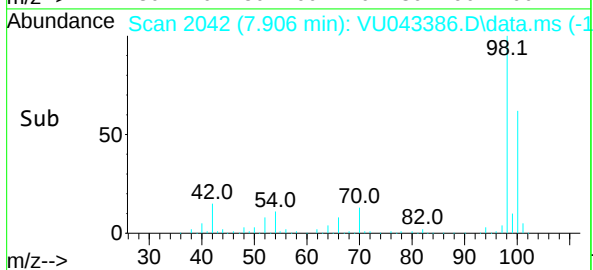
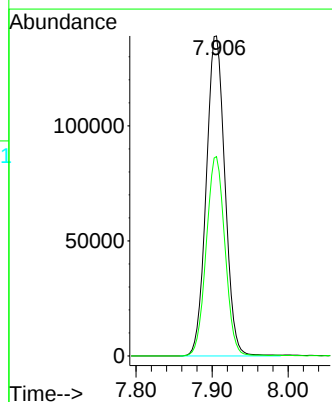
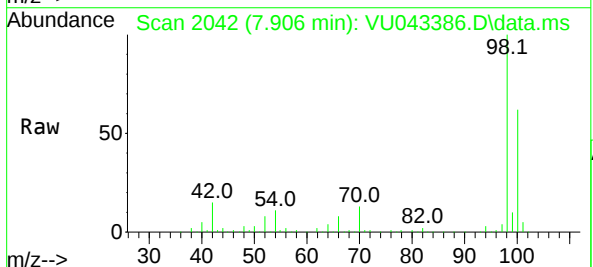
Tgt Ion: 117 Resp: 10400
 Ion Ratio Lower Upper
 117 100
 119 5.8 75.5 113.3#
 121 0.0 24.7 37.1#

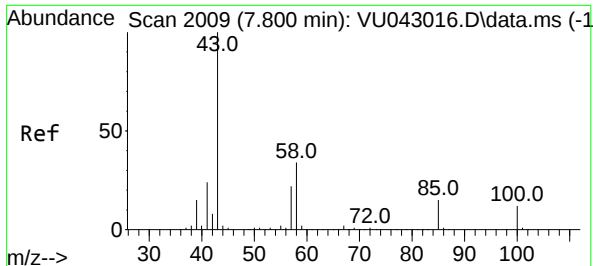


#50

Toluene-d8
 Concen: 51.74 ug/l
 RT: 7.906 min Scan# 2042
 Delta R.T. -0.000 min
 Lab File: VU043386.D
 Acq: 28 Apr 2021 15:17

Tgt Ion: 98 Resp: 237250
 Ion Ratio Lower Upper
 98 100
 100 62.3 50.2 75.2

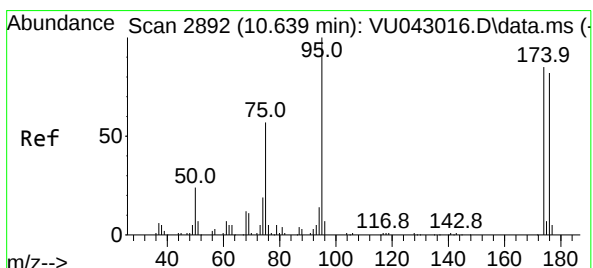
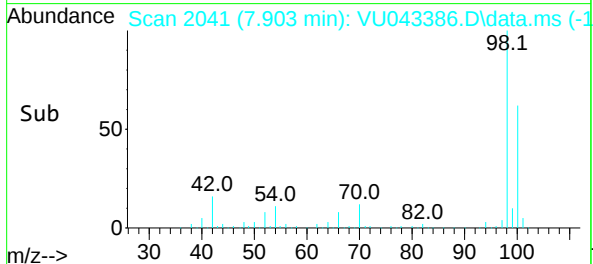
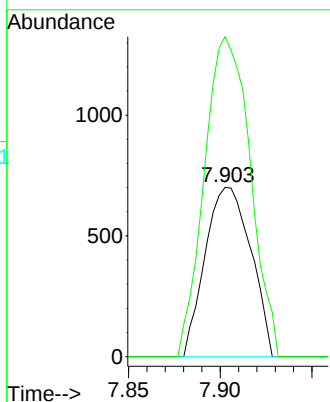
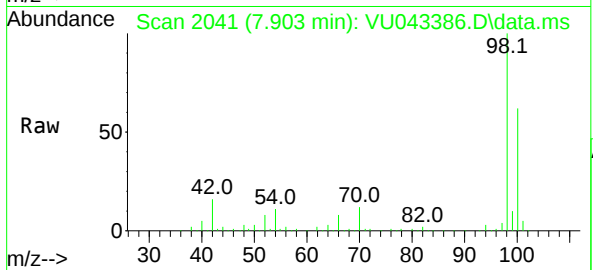




#51
4-Methyl-2-Pentanone
Concen: 0.37 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043386.D
Acq: 28 Apr 2021 15:17

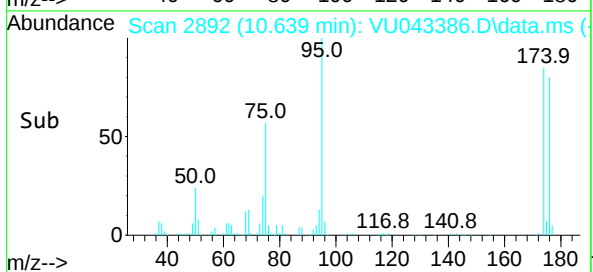
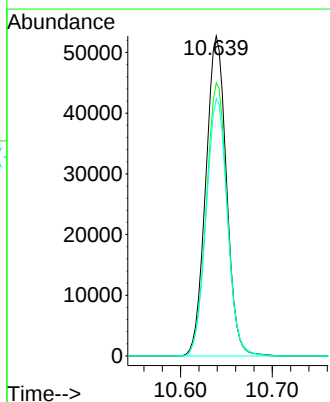
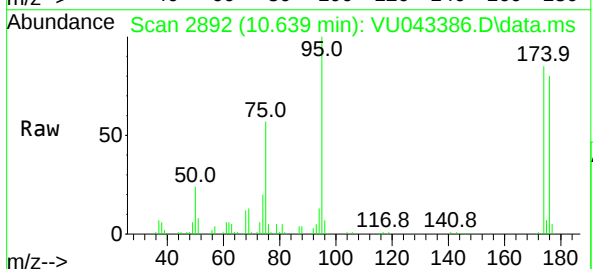
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ClientSampleId :
SA-PZ125-20210420

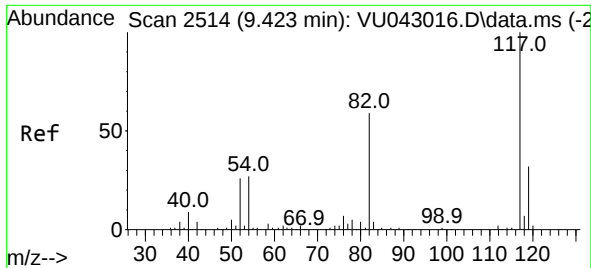
Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 189.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 44.96 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043386.D
Acq: 28 Apr 2021 15:17

Tgt Ion: 95 Resp: 82557
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.2
176 82.4 0.0 168.8

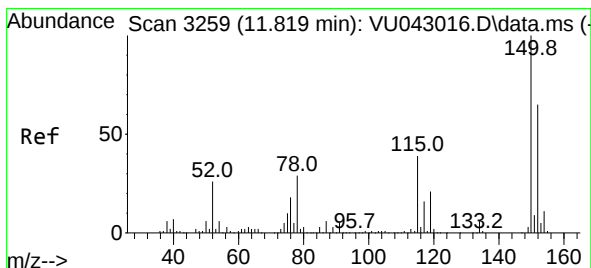
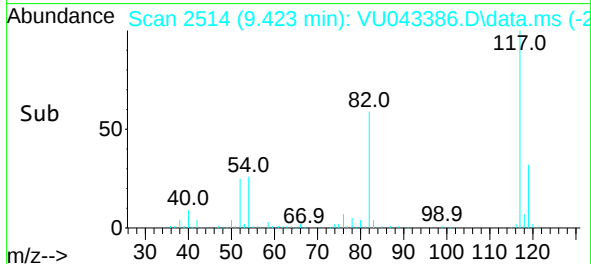
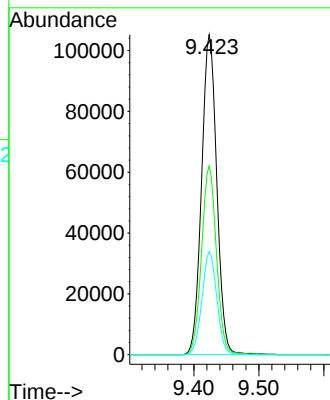
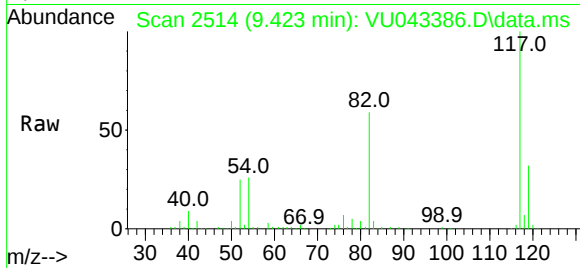




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043386.D
Acq: 28 Apr 2021 15:17

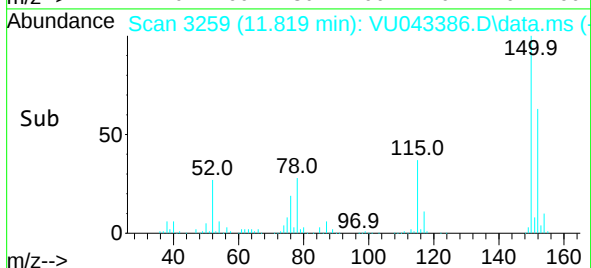
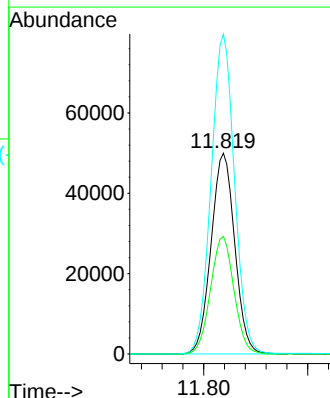
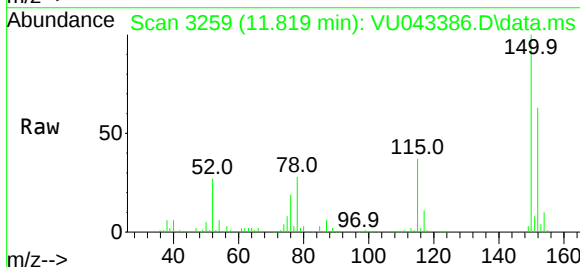
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ125-20210420

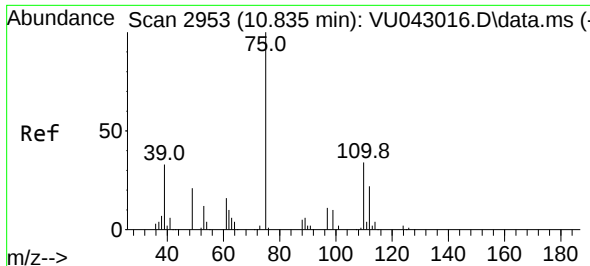
Tgt Ion:	117	Resp:	171476
Ion	Ratio	Lower	Upper
117	100		
82	58.9	45.8	68.6
119	32.3	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043386.D
Acq: 28 Apr 2021 15:17

Tgt Ion:	152	Resp:	78988
Ion	Ratio	Lower	Upper
152	100		
115	57.9	41.5	124.6
150	157.6	0.0	342.4

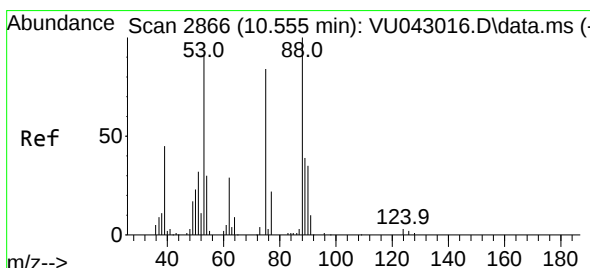
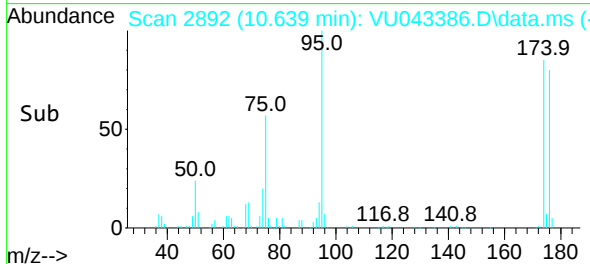
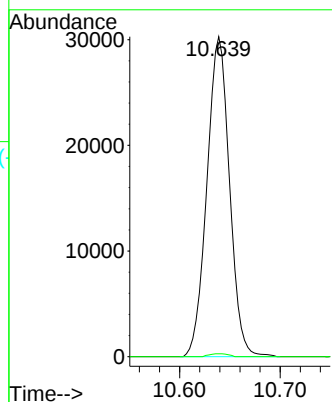
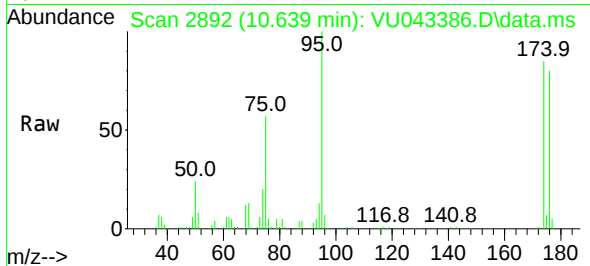




#76
1,2,3-Trichloropropane
Concen: 20.50 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043386.D
Acq: 28 Apr 2021 15:17

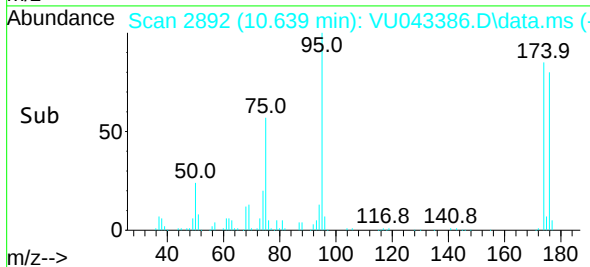
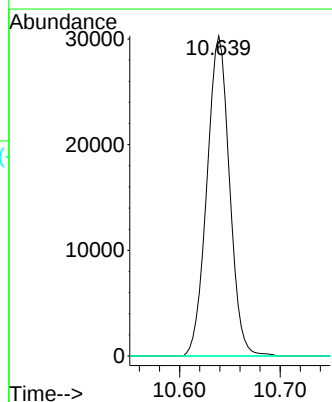
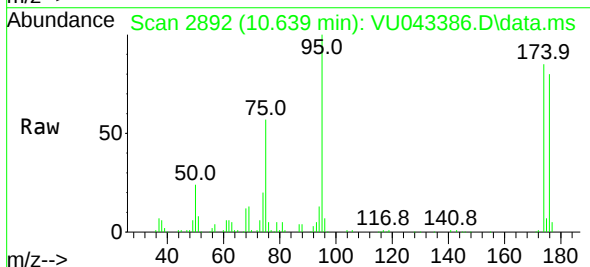
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ125-20210420

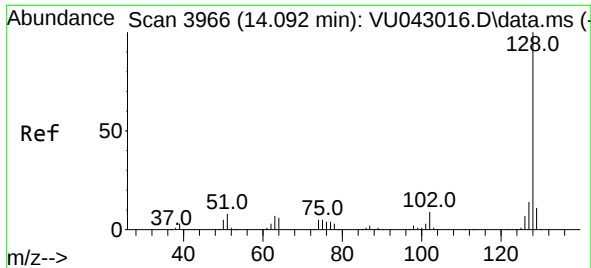
Tgt Ion: 75 Resp: 47316
Ion Ratio Lower Upper
75 100
77 0.8 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.24 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043386.D
Acq: 28 Apr 2021 15:17

Tgt Ion: 75 Resp: 47316
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.76 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.007 min
Lab File: VU043386.D
Acq: 28 Apr 2021 15:17

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ125-20210420

Tgt Ion:128 Resp: 107
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

