

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043363.D
 Acq On : 27 Apr 2021 23:18
 Operator : SY/MD
 Sample : M2133-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ125-20210420

Quant Time: Apr 28 09:13:05 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)

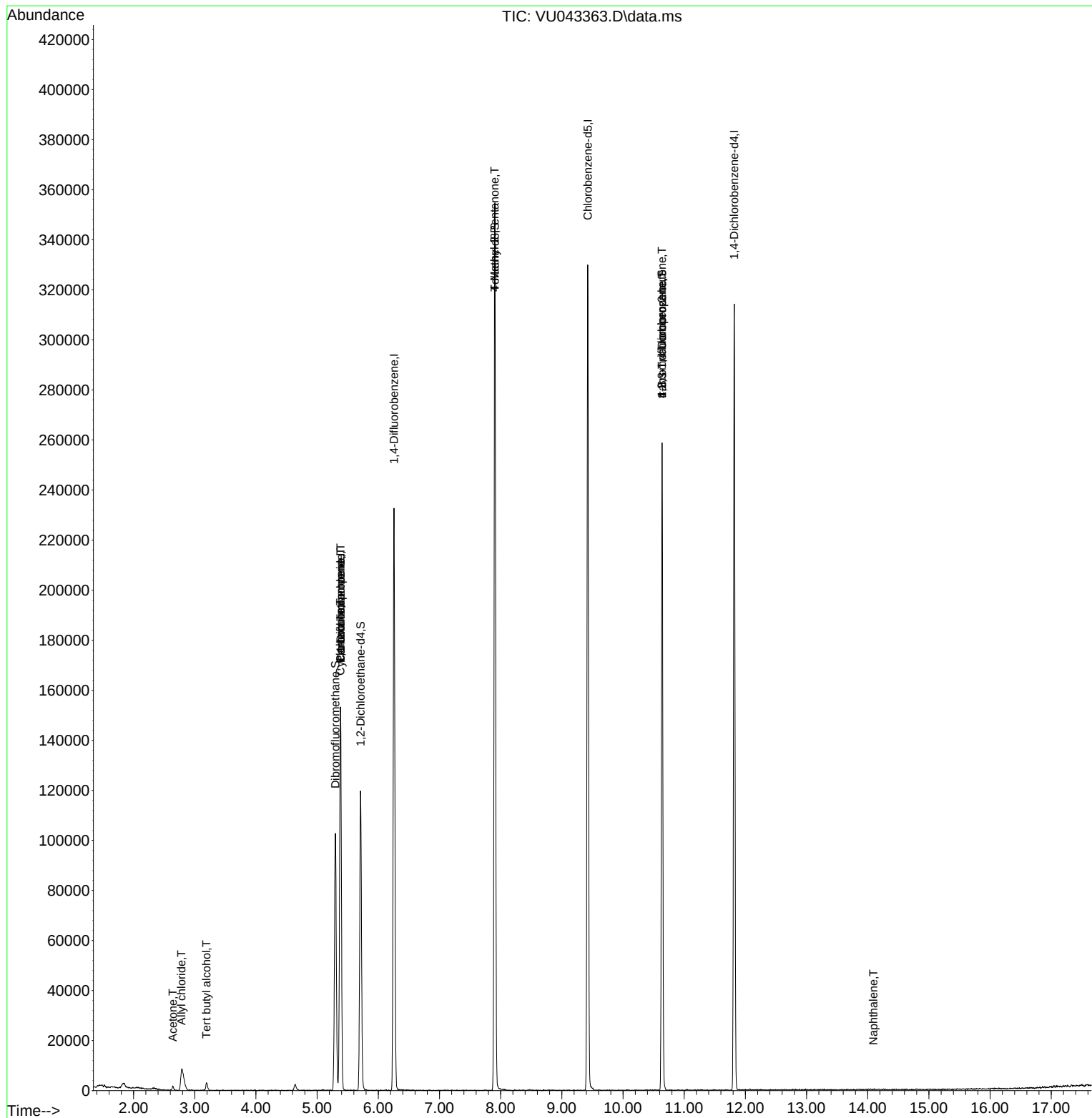
Internal Standards						
1) Pentafluorobenzene	5.382	168	102839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	171273	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	163759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	76587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	92496	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
35) Dibromofluoromethane	5.298	113	63329	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	7.906	98	216404	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	10.639	95	75832	41.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.16%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	376	Below Cal		97
6) Chloroethane	1.932	64	19	Below Cal	#	42
11) Tert butyl alcohol	3.192	59	1933	4.34	ug/l #	94
14) Allyl chloride	2.784	41	833	0.36	ug/l #	1
16) Acetone	2.642	43	1948	1.61	ug/l	98
31) Cyclohexane	5.379	56	2604	1.22	ug/l #	27
36) 1,1-Dichloropropene	5.382	75	8613	4.74	ug/l #	50
38) Carbon Tetrachloride	5.382	117	10382	5.33	ug/l #	18
51) 4-Methyl-2-Pentanone	7.903	43	1078	0.33	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	42655	19.06	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	42655	56.00	ug/l #	7
95) Naphthalene	14.092	128	124	2.76	ug/l #	69

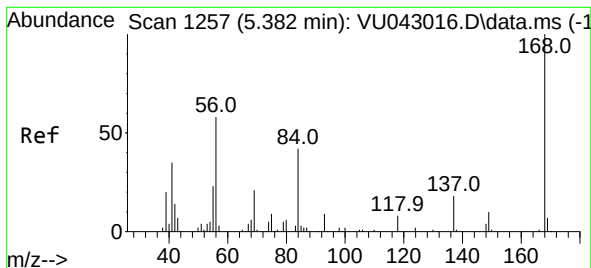
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

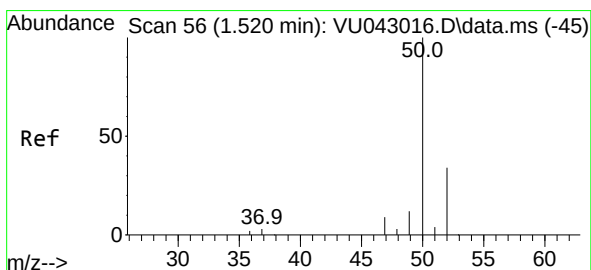
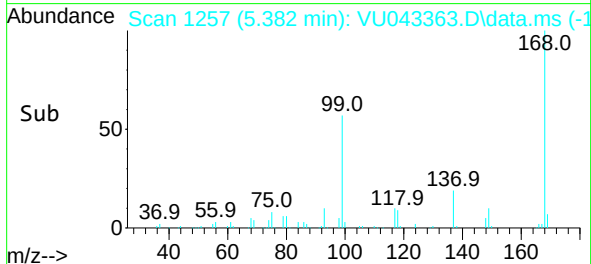
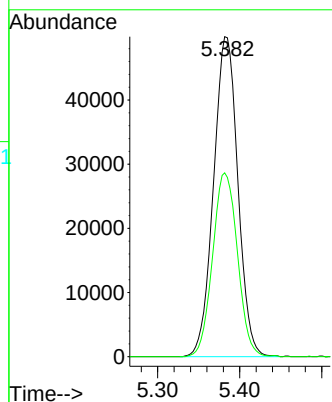
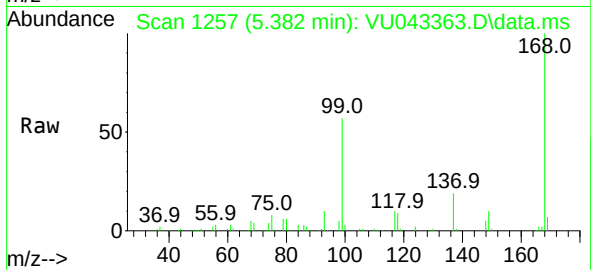




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18

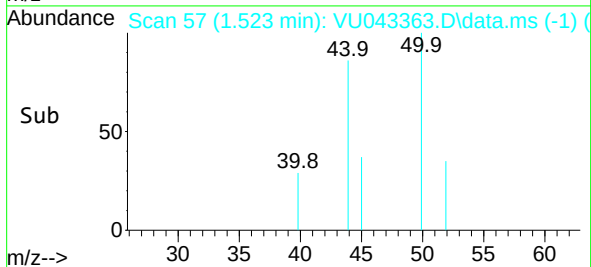
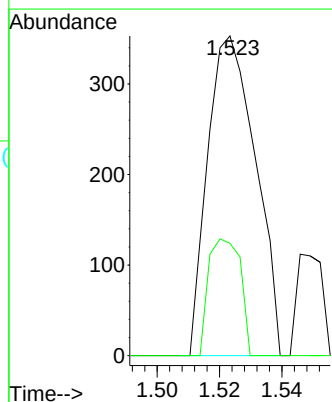
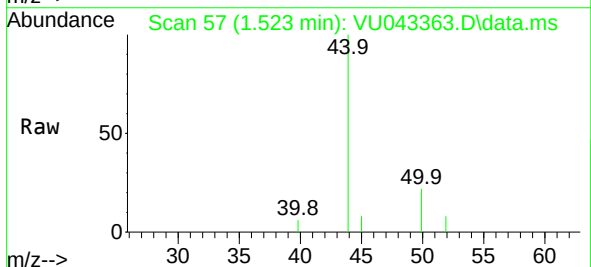
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ125-20210420

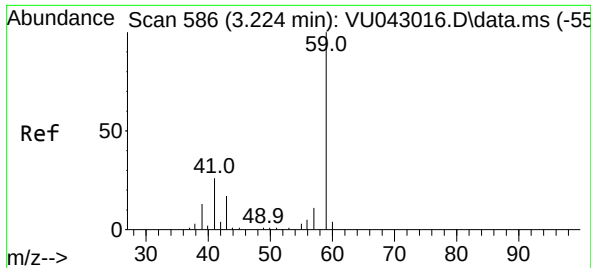
Tgt Ion:168 Resp: 102839
Ion Ratio Lower Upper
168 100
99 57.5 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18

Tgt Ion: 50 Resp: 376
Ion Ratio Lower Upper
50 100
52 35.1 26.6 40.0

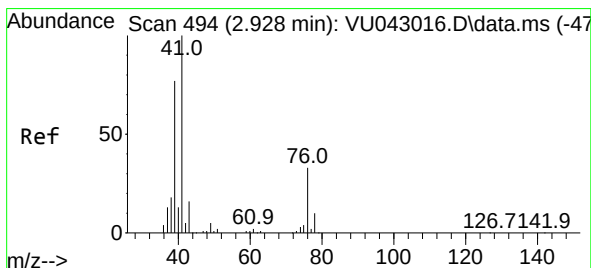
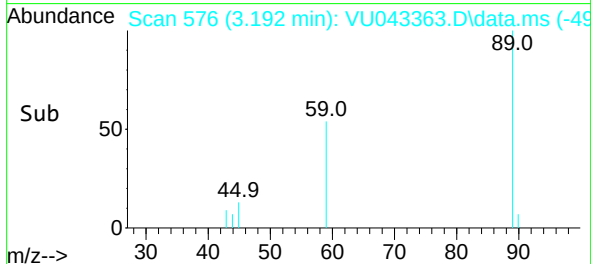
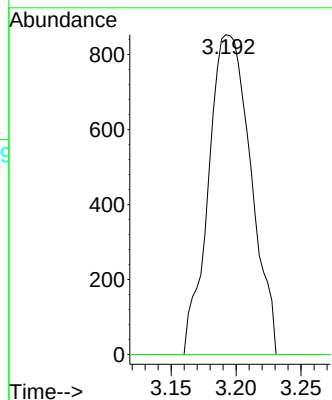
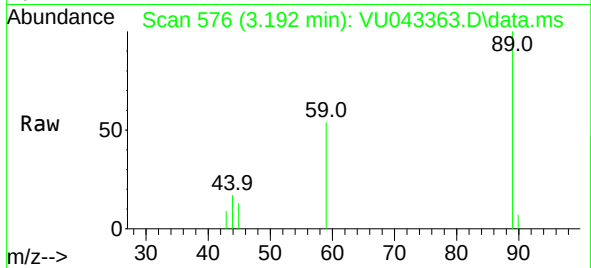




#11
Tert butyl alcohol
Concen: 4.34 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.032 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18

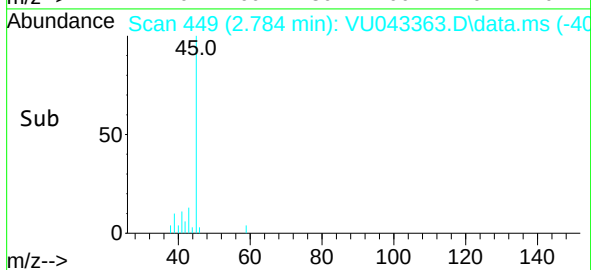
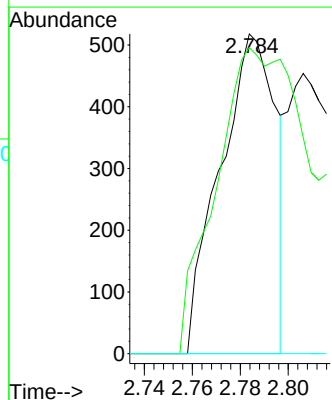
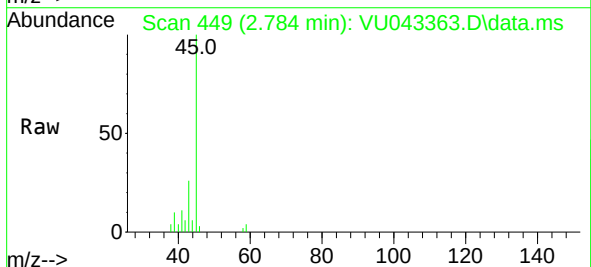
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ125-20210420

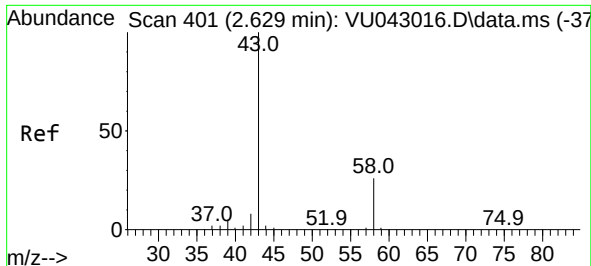
Tgt Ion: 59 Resp: 1933
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#14
Allyl chloride
Concen: 0.36 ug/l
RT: 2.784 min Scan# 449
Delta R.T. -0.144 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18

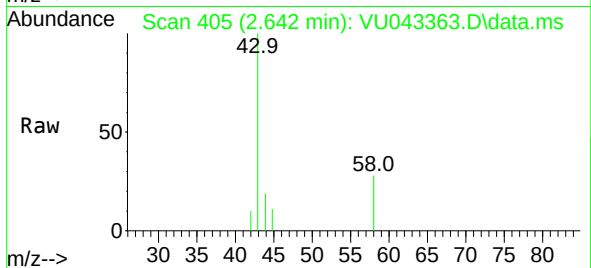
Tgt Ion: 41 Resp: 833
Ion Ratio Lower Upper
41 100
39 200.7 54.9 82.3#
76 0.0 22.5 33.7#



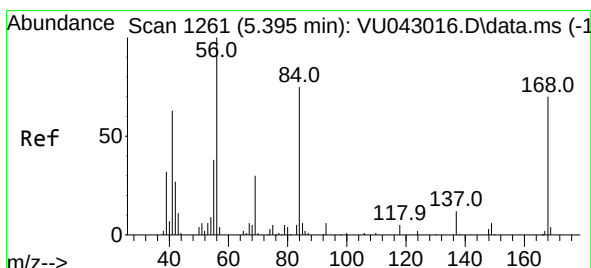
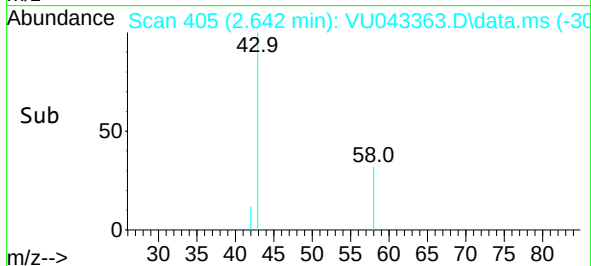
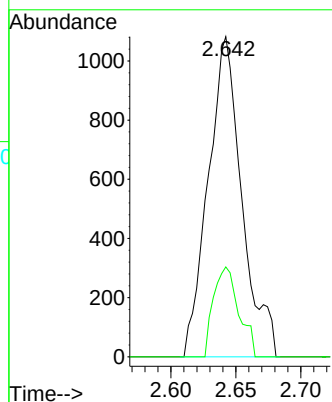


#16
Acetone
Concen: 1.61 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ125-20210420

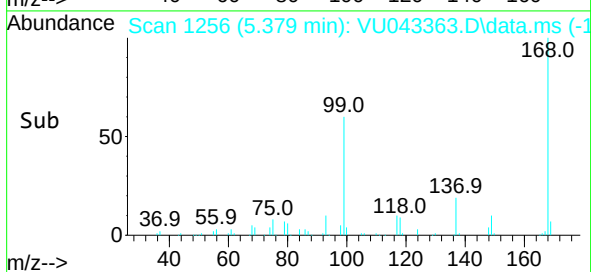
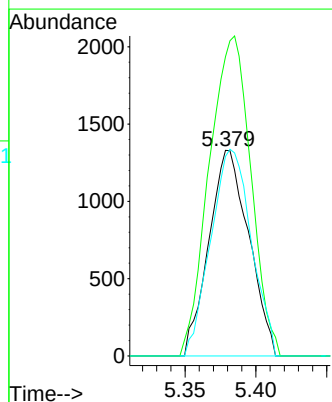
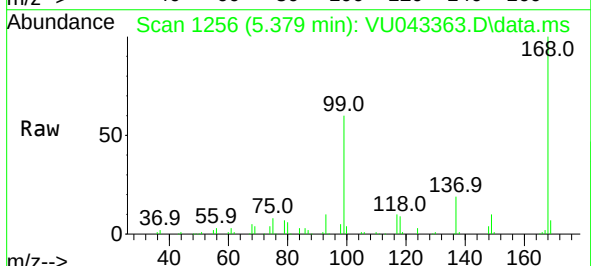


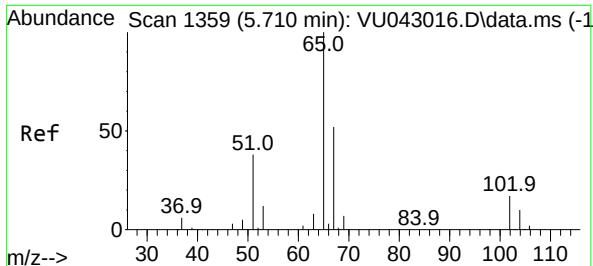
Tgt Ion: 43 Resp: 1948
Ion Ratio Lower Upper
43 100
58 28.1 21.5 32.3



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18

Tgt Ion: 56 Resp: 2604
Ion Ratio Lower Upper
56 100
69 145.5 24.9 37.3#
84 97.1 63.7 95.5#





#33

1,2-Dichloroethane-d4

Concen: 53.50 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043363.D

Acq: 27 Apr 2021 23:18

Tgt Ion: 65 Resp: 92496

Ion Ratio Lower Upper

65 100

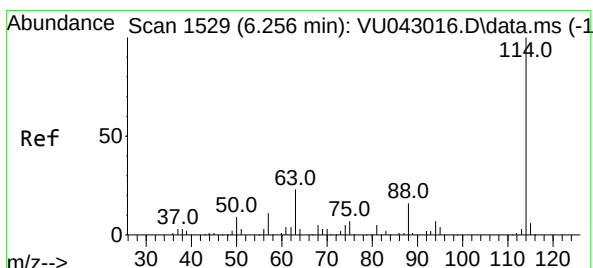
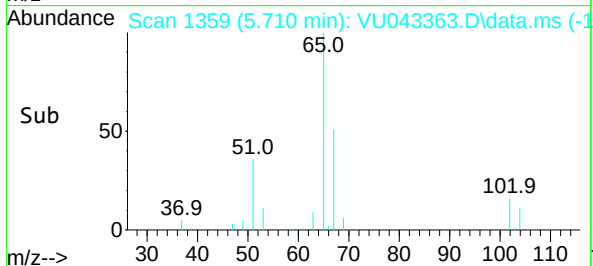
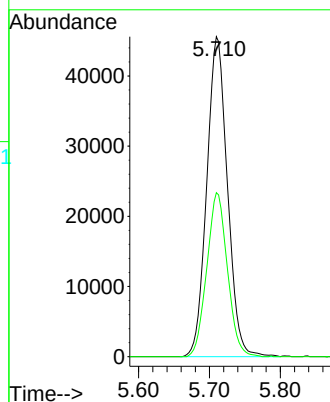
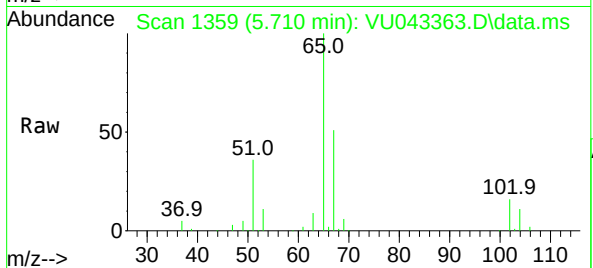
67 50.9 0.0 99.8

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: VU043363.D

Acq: 27 Apr 2021 23:18

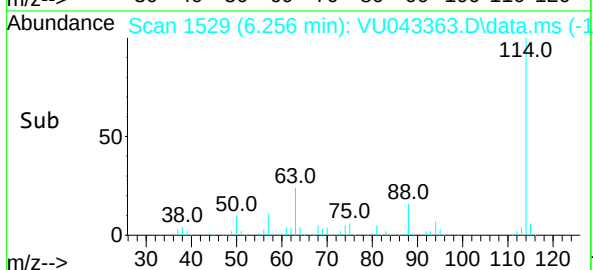
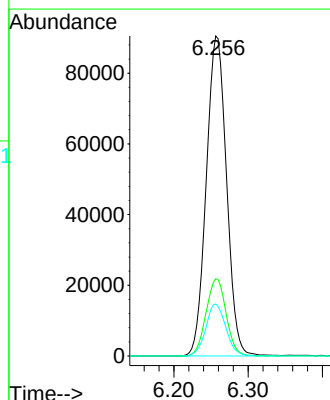
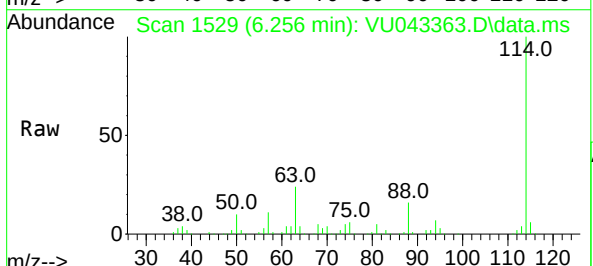
Tgt Ion: 114 Resp: 171273

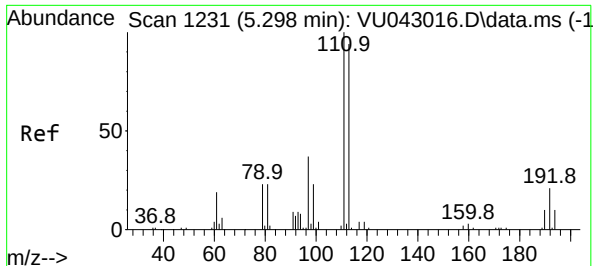
Ion Ratio Lower Upper

114 100

63 24.1 0.0 44.2

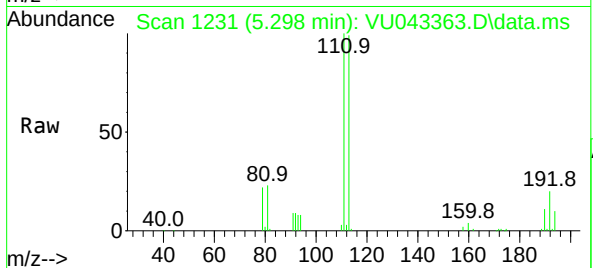
88 16.2 0.0 33.4



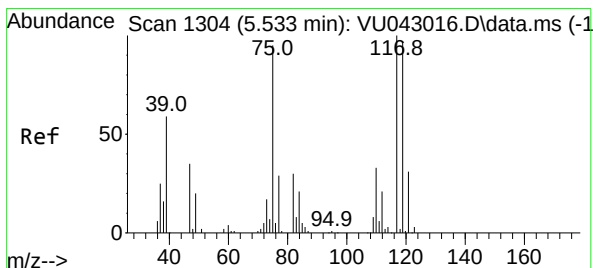
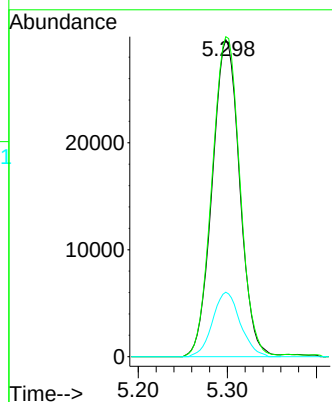
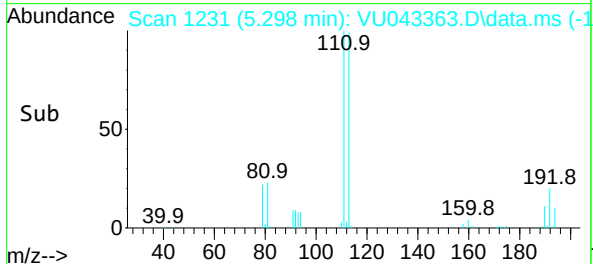


#35
Dibromofluoromethane
Concen: 49.21 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18

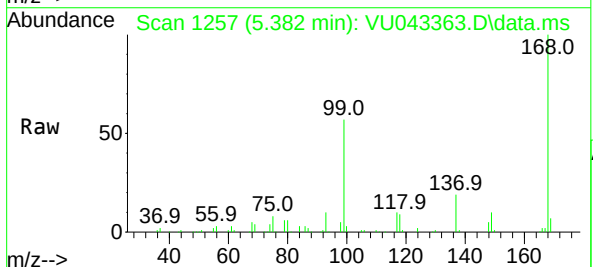
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ125-20210420



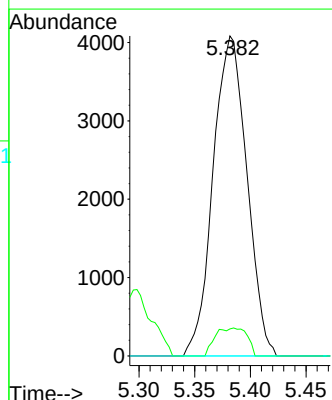
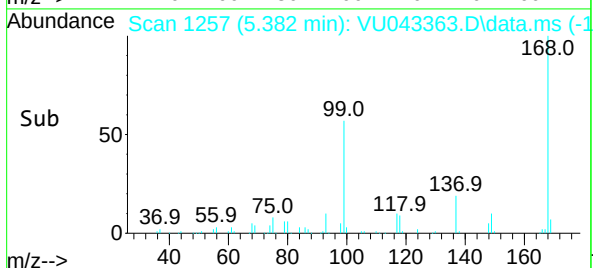
Tgt Ion:113 Resp: 63329
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 20.5 17.2 25.8

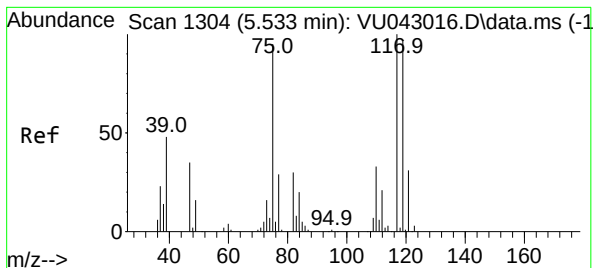


#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18



Tgt Ion: 75 Resp: 8613
Ion Ratio Lower Upper
75 100
110 8.2 16.8 50.3#
77 0.0 24.8 37.2#

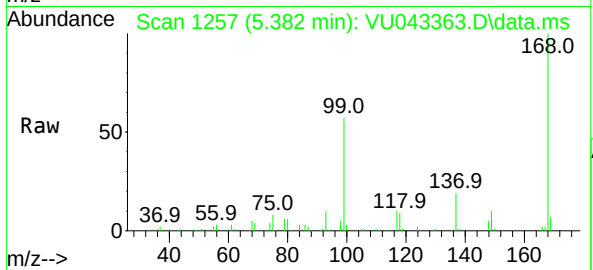




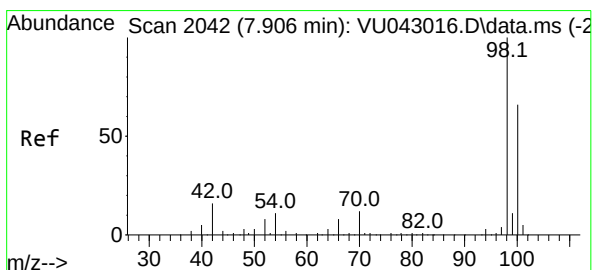
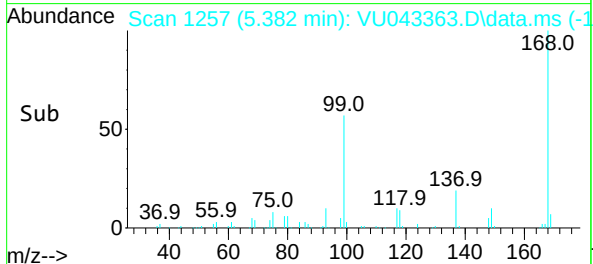
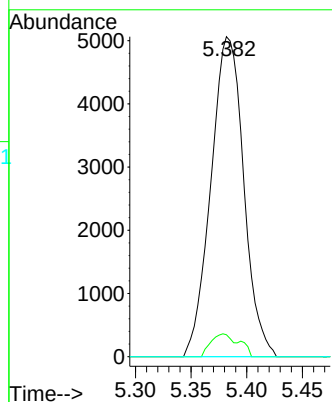
#38

Carbon Tetrachloride
 Concen: 5.33 ug/l
 RT: 5.382 min Scan# 1257
 Delta R.T. -0.151 min
 Lab File: VU043363.D
 Acq: 27 Apr 2021 23:18

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ125-20210420



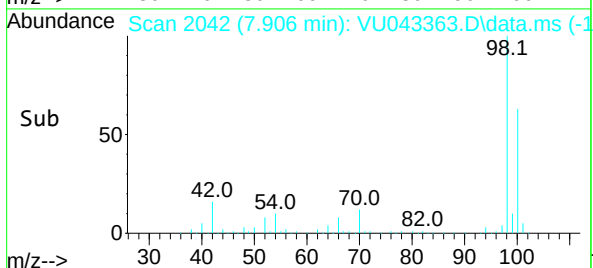
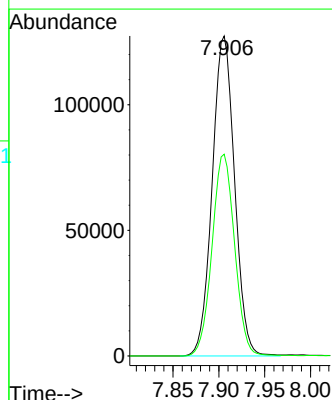
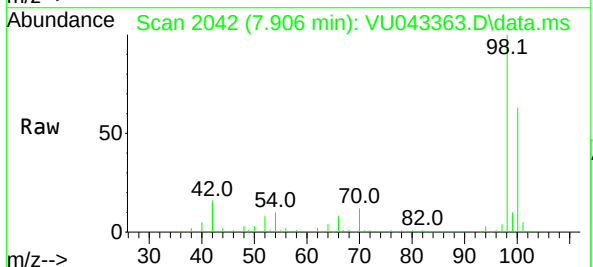
Tgt Ion: 117 Resp: 10382
 Ion Ratio Lower Upper
 117 100
 119 6.9 75.5 113.3#
 121 0.0 24.7 37.1#

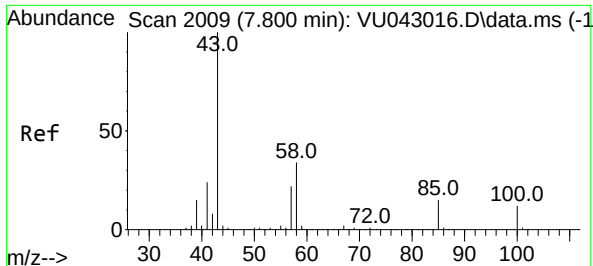


#50

Toluene-d8
 Concen: 47.52 ug/l
 RT: 7.906 min Scan# 2042
 Delta R.T. -0.000 min
 Lab File: VU043363.D
 Acq: 27 Apr 2021 23:18

Tgt Ion: 98 Resp: 216404
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.2 75.2

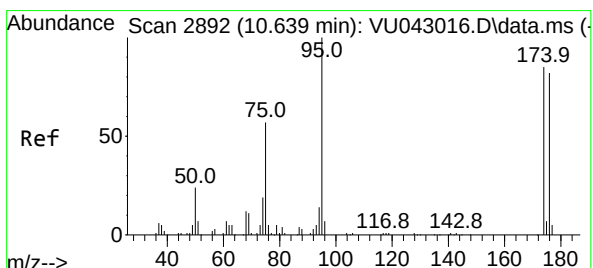
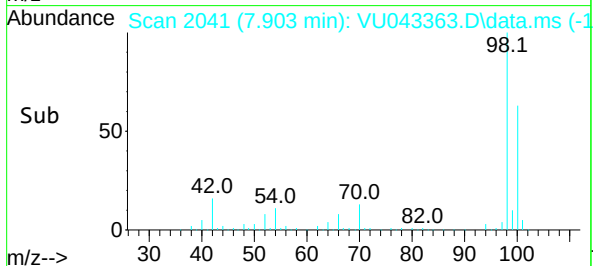
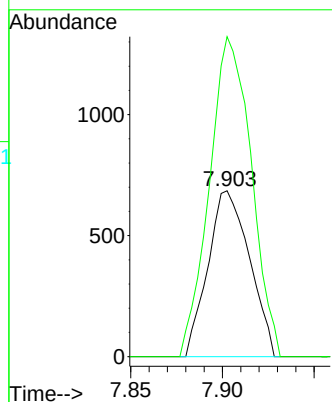
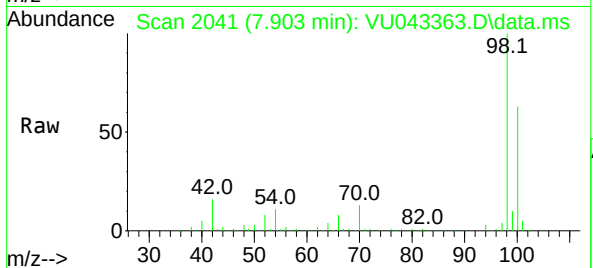




#51
4-Methyl-2-Pentanone
Concen: 0.33 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18

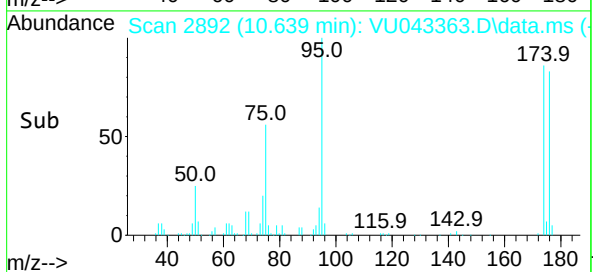
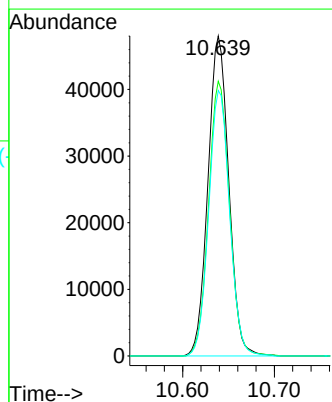
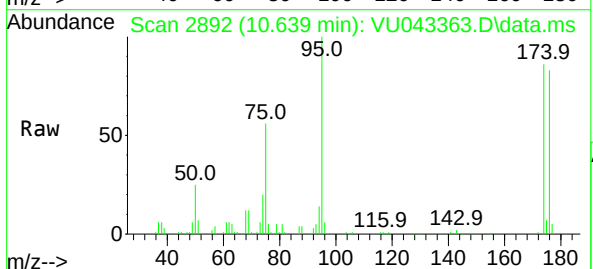
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ125-20210420

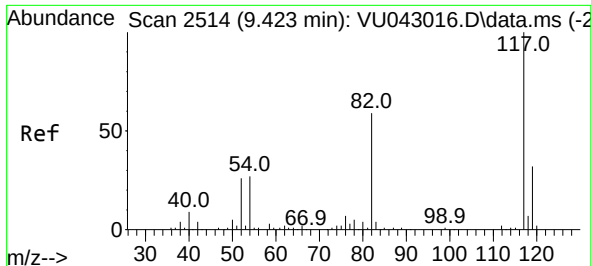
Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
58 194.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 41.58 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18

Tgt Ion: 95 Resp: 75832
Ion Ratio Lower Upper
95 100
174 86.3 0.0 172.2
176 83.3 0.0 168.8

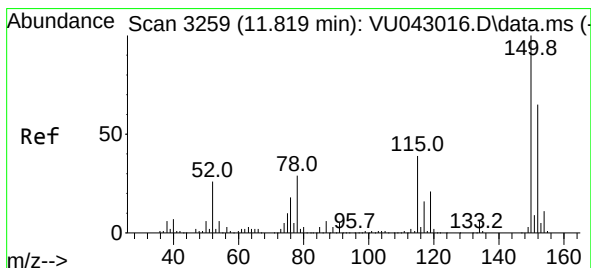
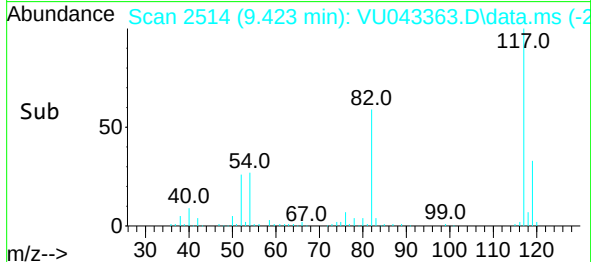
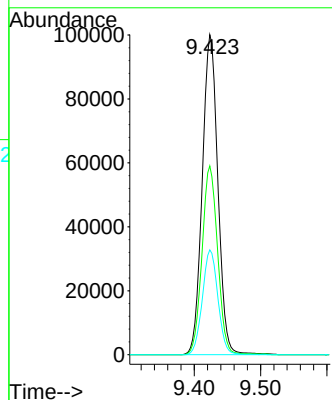
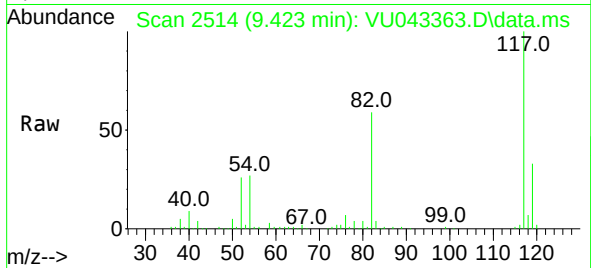




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18

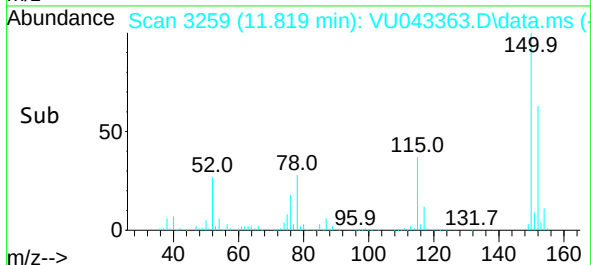
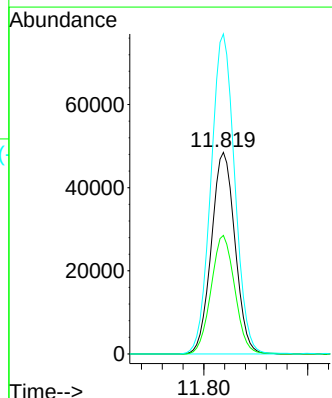
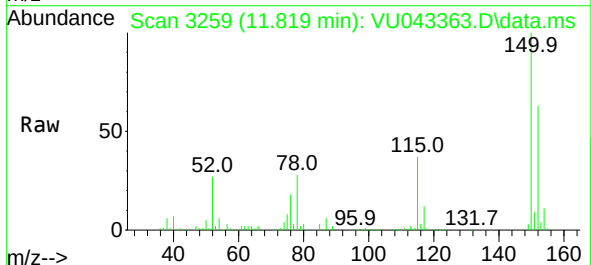
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ125-20210420

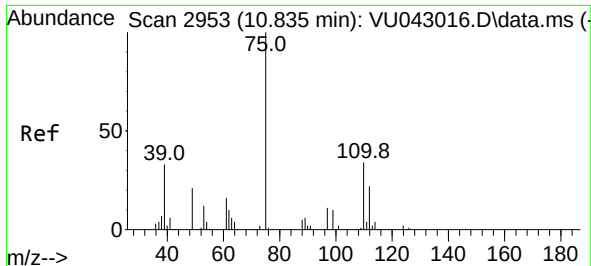
Tgt Ion:117 Resp: 163759
Ion Ratio Lower Upper
117 100
82 59.0 45.8 68.6
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18

Tgt Ion:152 Resp: 76587
Ion Ratio Lower Upper
152 100
115 58.9 41.5 124.6
150 160.0 0.0 342.4

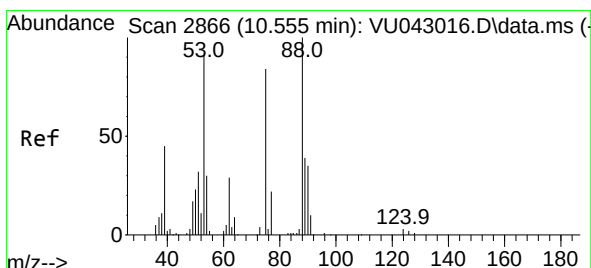
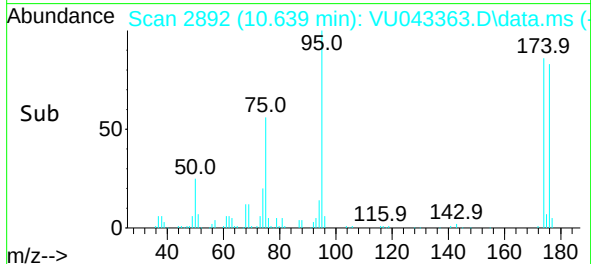
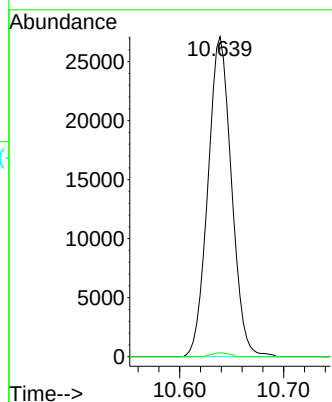
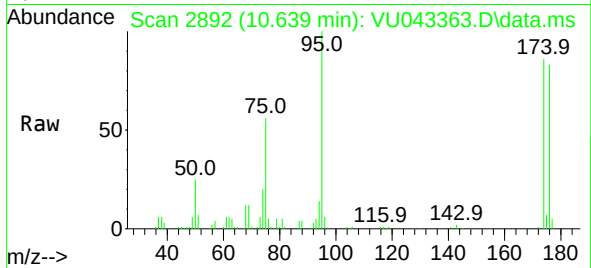




#76
1,2,3-Trichloropropane
Concen: 19.06 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18

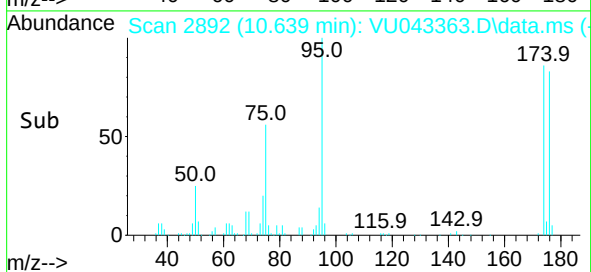
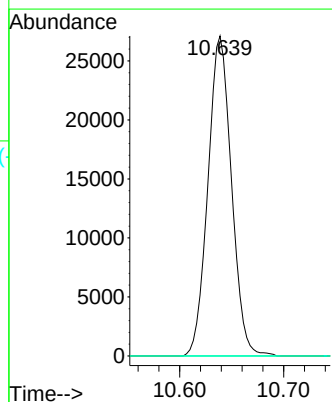
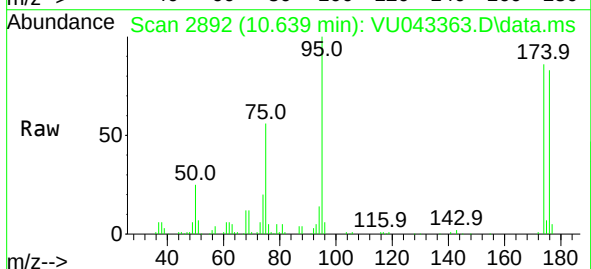
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ125-20210420

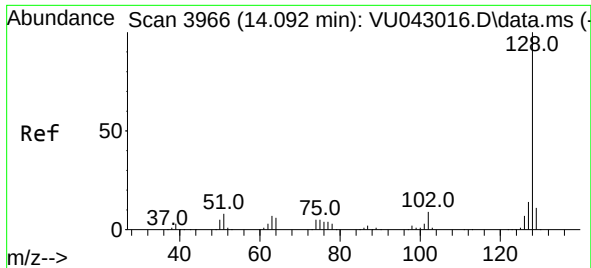
Tgt Ion: 75 Resp: 42655
Ion Ratio Lower Upper
75 100
77 0.9 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.00 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043363.D
Acq: 27 Apr 2021 23:18

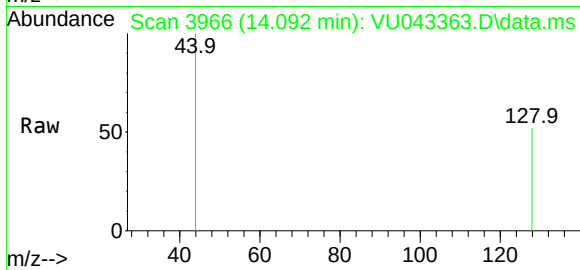
Tgt Ion: 75 Resp: 42655
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
 Naphthalene
 Concen: 2.76 ug/l
 RT: 14.092 min Scan# 3966
 Delta R.T. -0.000 min
 Lab File: VU043363.D
 Acq: 27 Apr 2021 23:18

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ125-20210420



Tgt Ion:128 Resp: 124
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.8 16.2#
 129 0.0 8.6 13.0#

