

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
 Data File : VU043193.D
 Acq On : 19 Apr 2021 14:54
 Operator : SY/MD
 Sample : M2078-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 02:55:40 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)

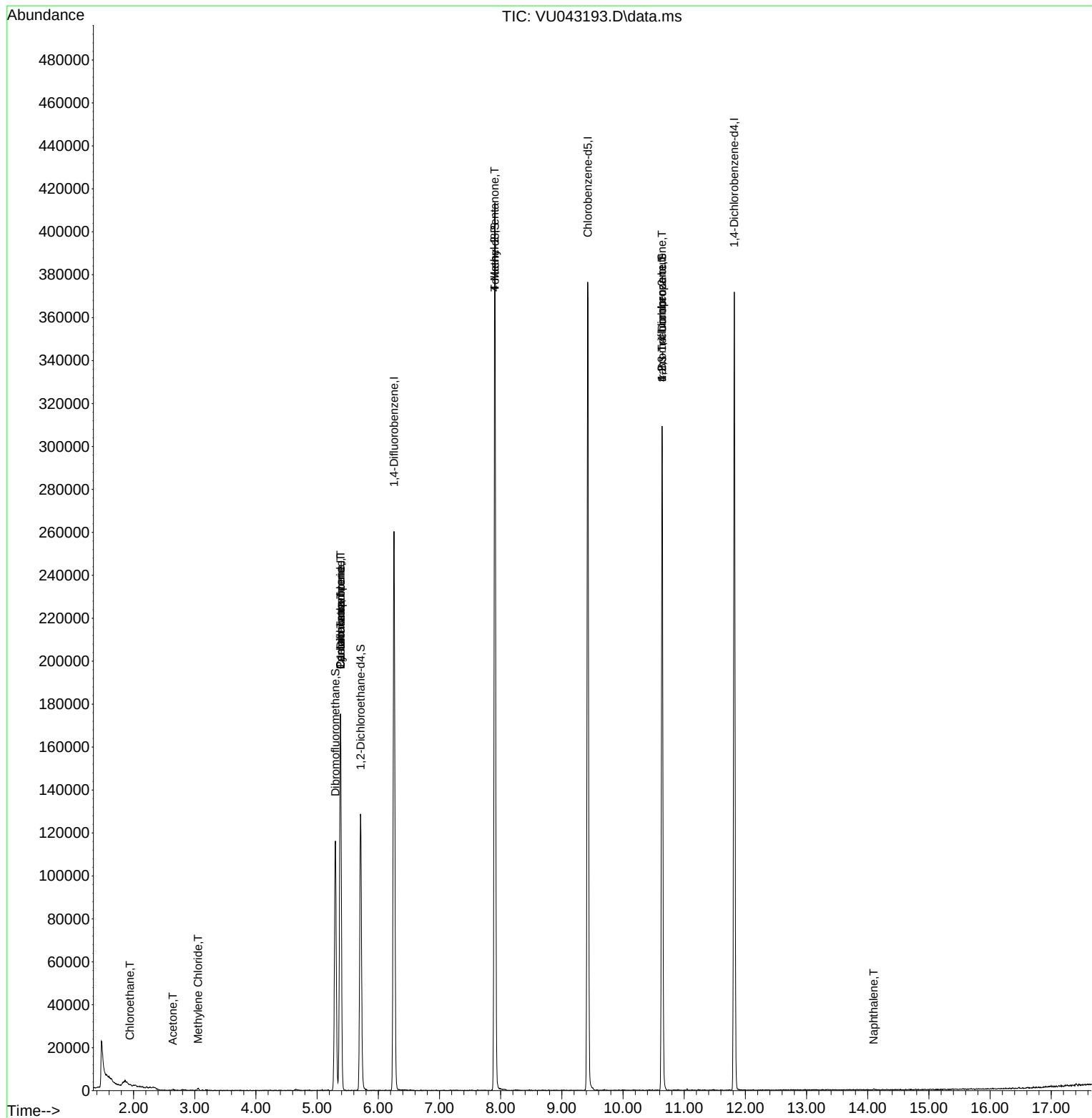
Internal Standards						
1) Pentafluorobenzene	5.382	168	118573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	196759	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	188569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	90228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101932	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
35) Dibromofluoromethane	5.298	113	70681	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
50) Toluene-d8	7.906	98	248890	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
62) 4-Bromofluorobenzene	10.639	95	90421	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.32%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	681	Below Cal	#	41
6) Chloroethane	1.941	64	349	0.34	ug/l #	42
16) Acetone	2.642	43	717	0.31	ug/l #	48
20) Methylene Chloride	3.054	84	481	0.34	ug/l #	87
31) Cyclohexane	5.382	56	2800	1.14	ug/l #	40
36) 1,1-Dichloropropene	5.382	75	9711	4.65	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12347	5.52	ug/l #	17
51) 4-Methyl-2-Pentanone	7.903	43	1461	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	52016	19.73	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	52016	57.97	ug/l #	7
95) Naphthalene	14.095	128	497	2.81	ug/l #	69

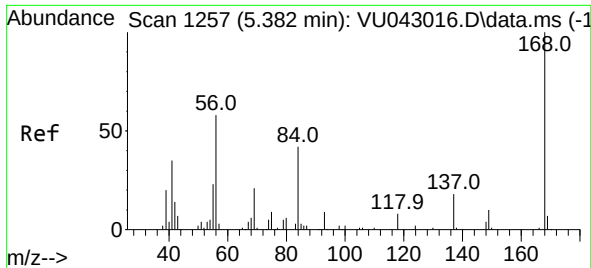
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Apr 20 02:55:40 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

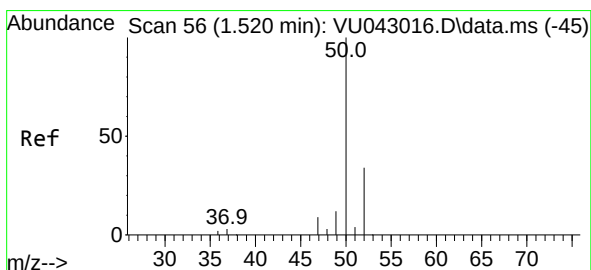
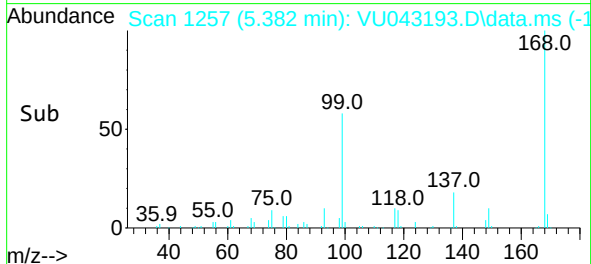
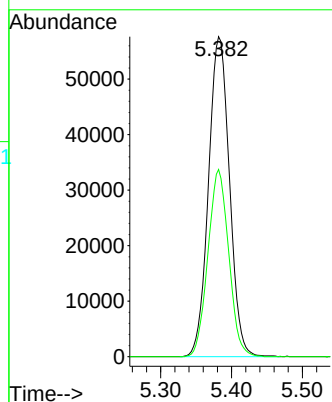
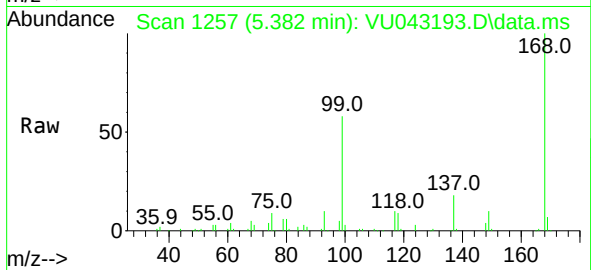




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

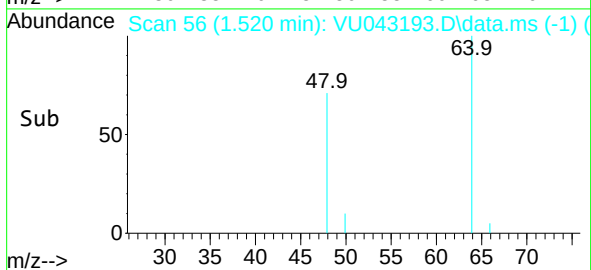
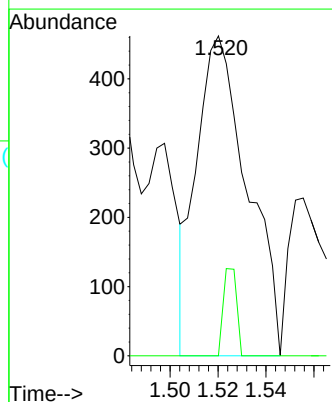
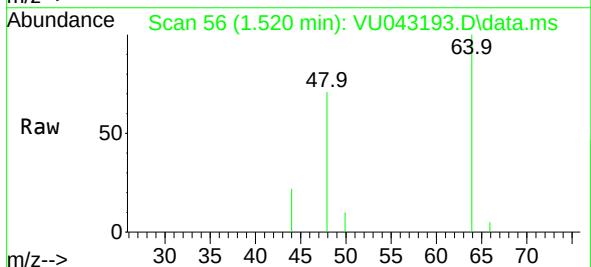
Instrument :
MSVOA_U
ClientSampled :

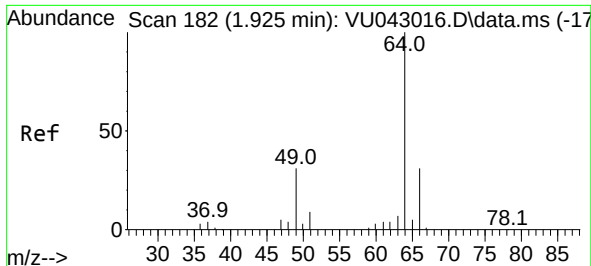
Tgt Ion:168 Resp: 118573
Ion Ratio Lower Upper
168 100
99 58.5 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

Tgt Ion: 50 Resp: 681
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

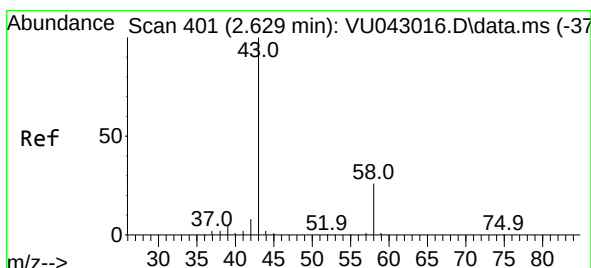
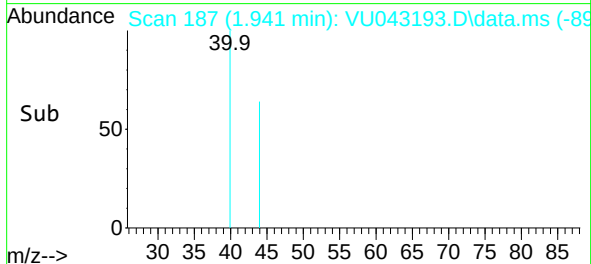
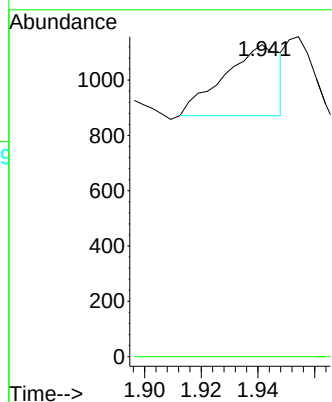
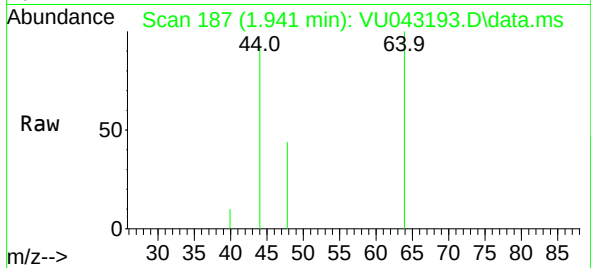




#6
Chloroethane
Concen: 0.34 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.016 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

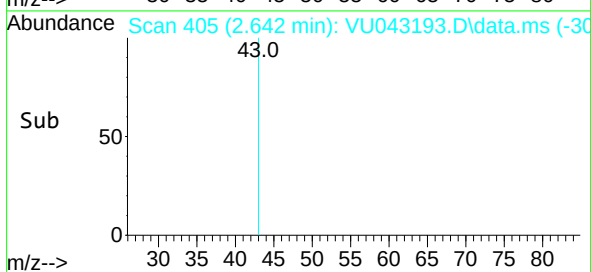
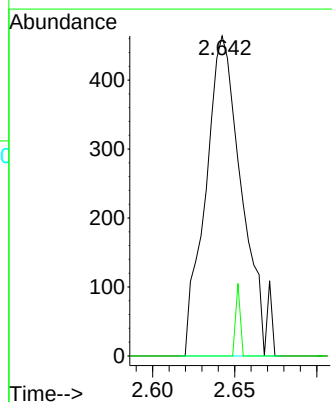
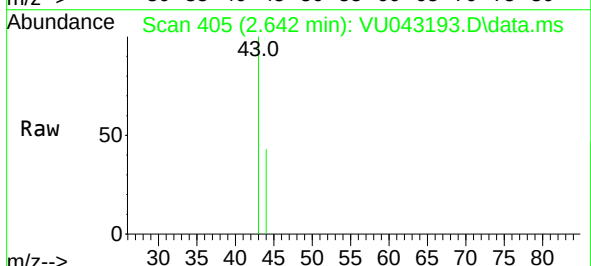
Instrument :
MSVOA_U
ClientSampled :

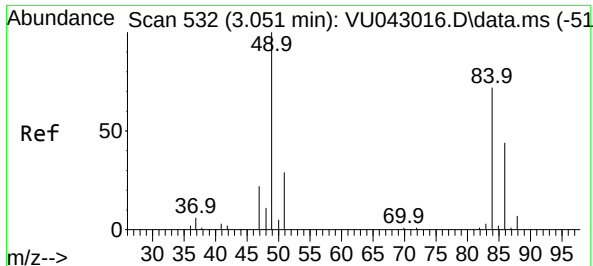
Tgt Ion: 64 Resp: 349
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#16
Acetone
Concen: 0.31 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

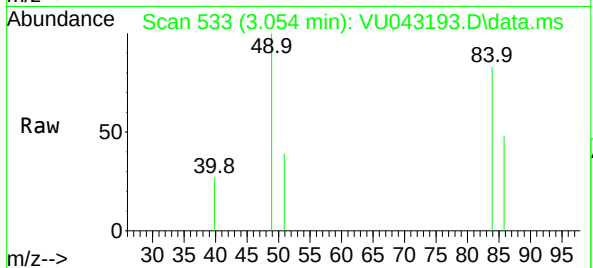
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#





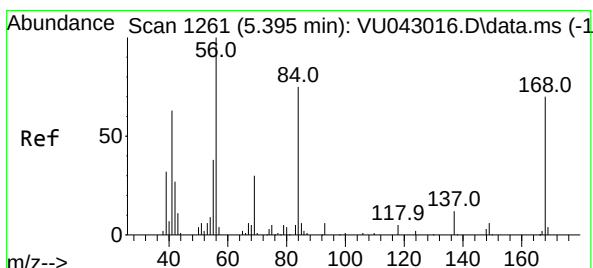
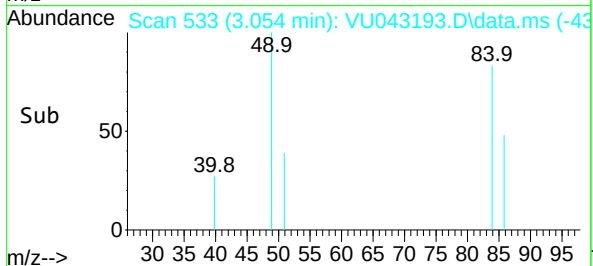
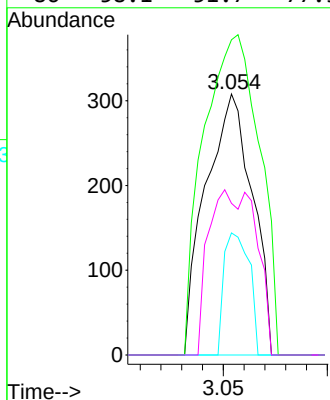
#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

Instrument :
MSVOA_U
ClientSampleId :

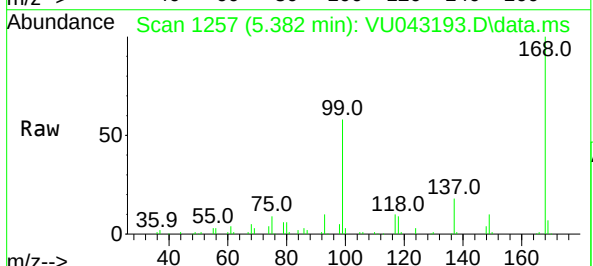


Tgt Ion: 84 Resp: 481

Ion	Ratio	Lower	Upper
84	100		
49	120.8	112.6	169.0
51	46.8	33.7	50.5
86	58.1	51.7	77.5

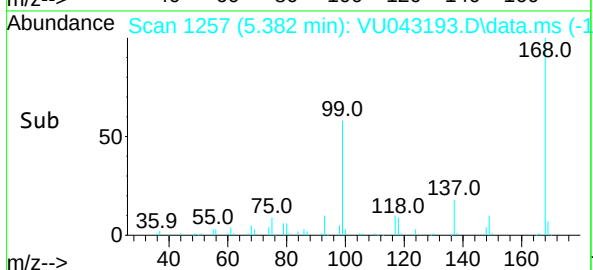
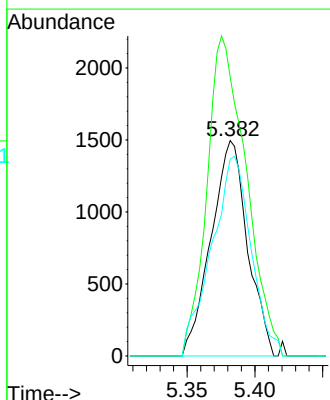


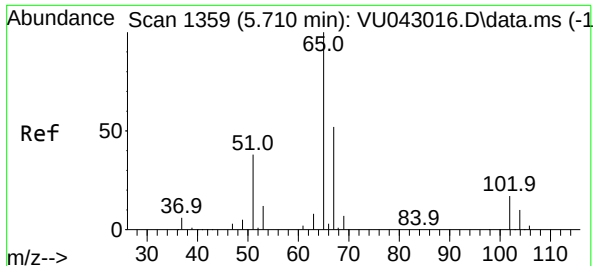
#31
Cyclohexane
Concen: 1.14 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54



Tgt Ion: 56 Resp: 2800

Ion	Ratio	Lower	Upper
56	100		
69	129.6	24.9	37.3#
84	91.4	63.7	95.5





#33

1,2-Dichloroethane-d4

Concen: 51.14 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043193.D

Acq: 19 Apr 2021 14:54

Tgt Ion: 65 Resp: 101932

Ion Ratio Lower Upper

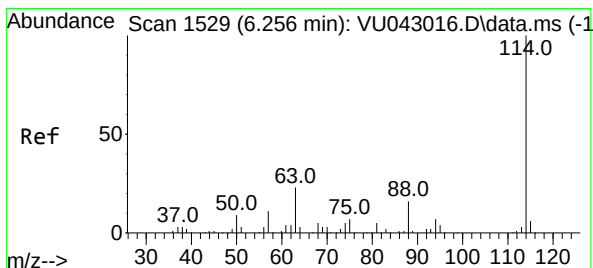
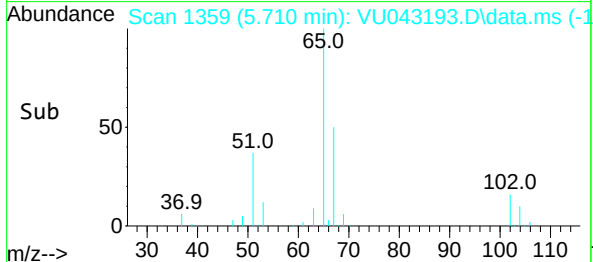
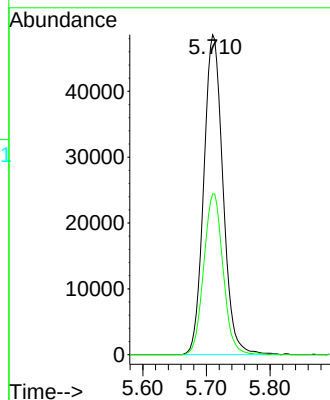
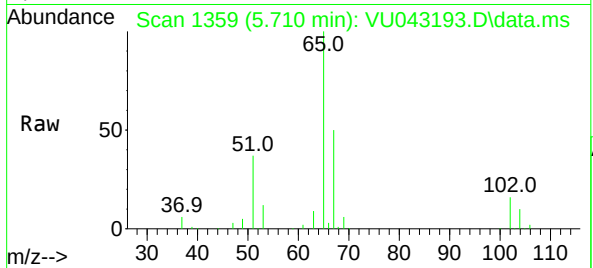
65 100

67 50.3 0.0 99.8

Instrument :

MSVOA_U

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043193.D

Acq: 19 Apr 2021 14:54

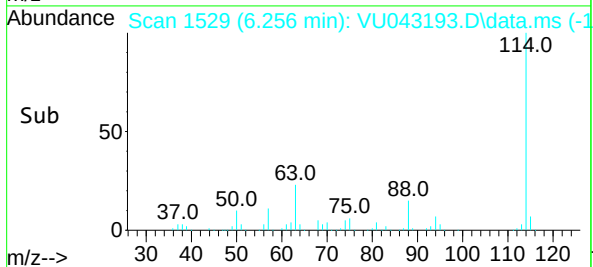
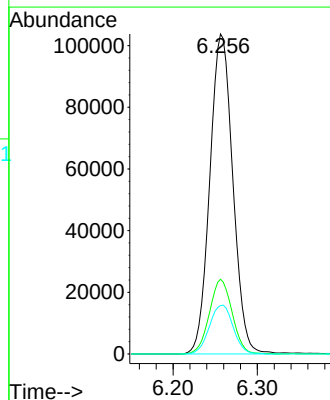
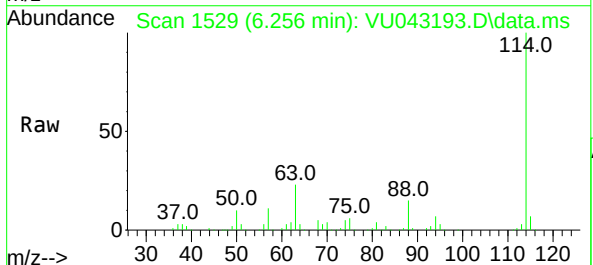
Tgt Ion: 114 Resp: 196759

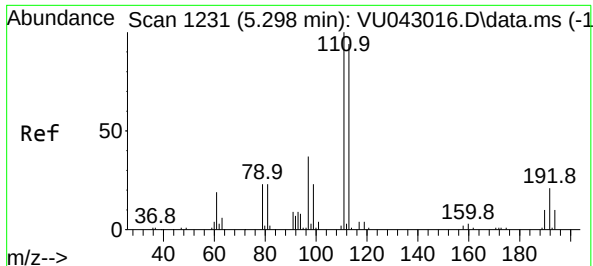
Ion Ratio Lower Upper

114 100

63 23.4 0.0 44.2

88 15.1 0.0 33.4

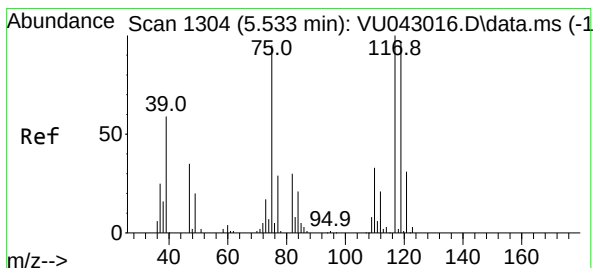
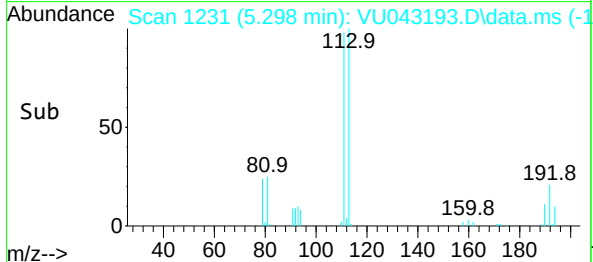
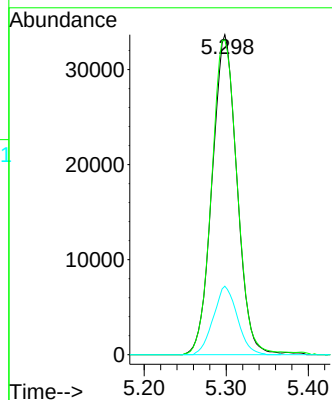
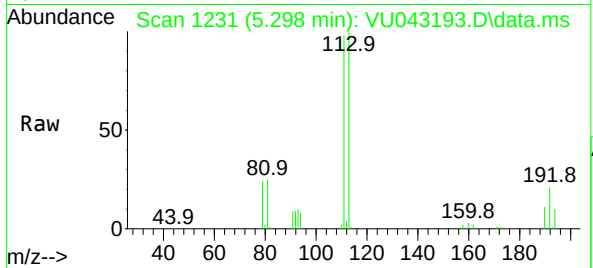




#35
Dibromofluoromethane
Concen: 47.81 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

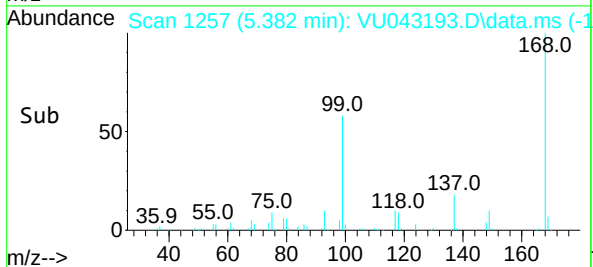
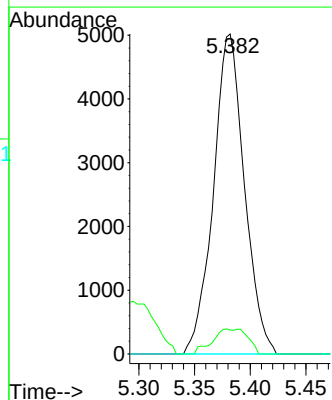
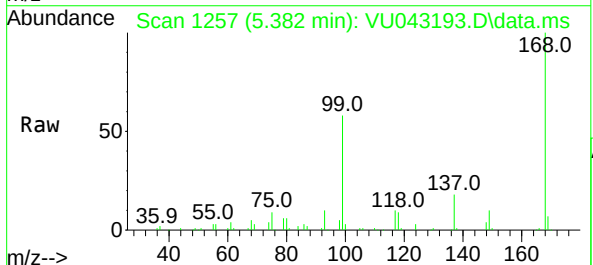
Instrument :
MSVOA_U
ClientSampleId :

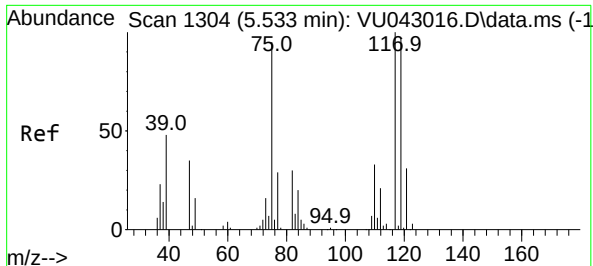
Tgt Ion:113 Resp: 70681
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 20.7 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

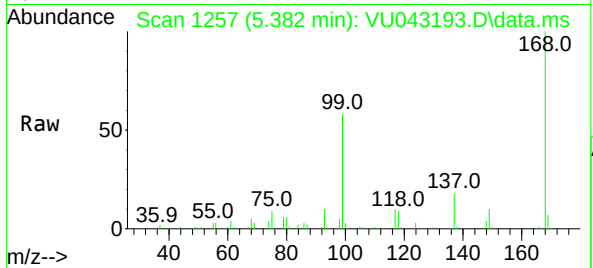
Tgt Ion: 75 Resp: 9711
Ion Ratio Lower Upper
75 100
110 8.8 16.8 50.3#
77 0.0 24.8 37.2#



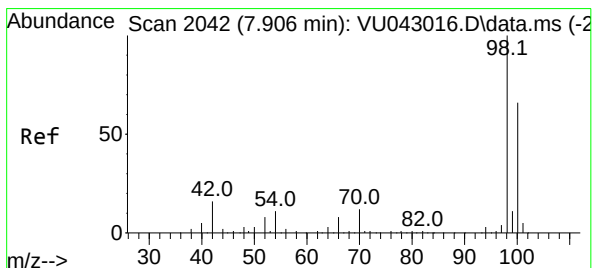
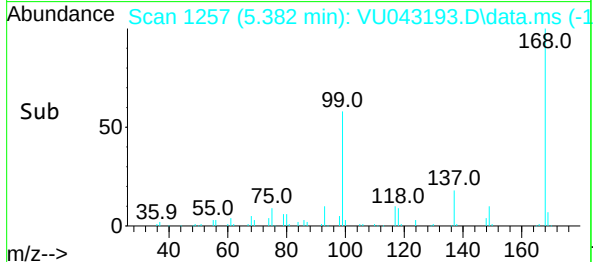
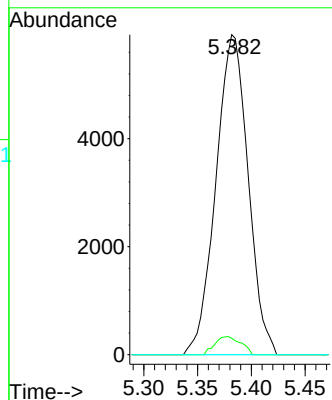


#38
Carbon Tetrachloride
Concen: 5.52 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

Instrument :
MSVOA_U
ClientSampleId :

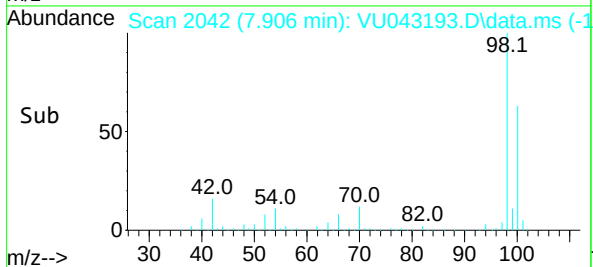
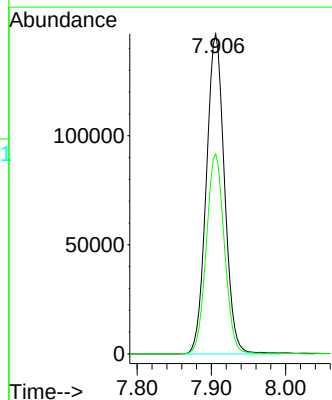
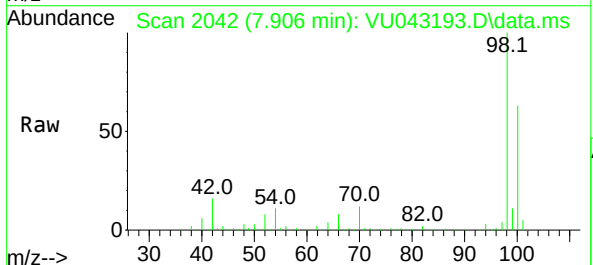


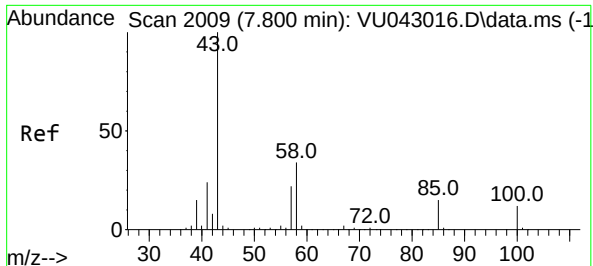
Tgt Ion: 117 Resp: 12347
Ion Ratio Lower Upper
117 100
119 5.1 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.57 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

Tgt Ion: 98 Resp: 248890
Ion Ratio Lower Upper
98 100
100 62.2 50.2 75.2

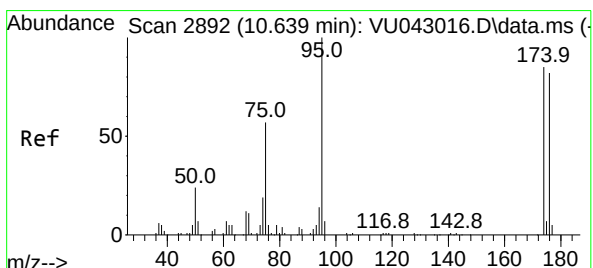
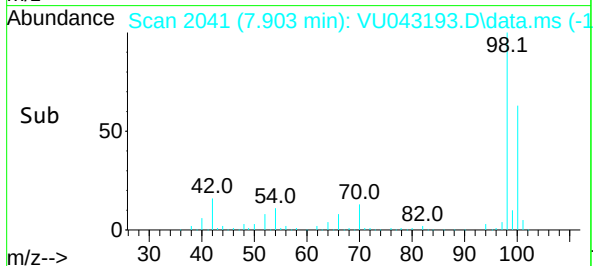
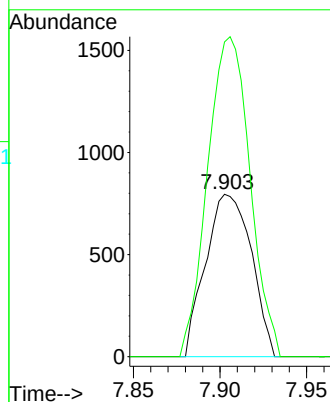
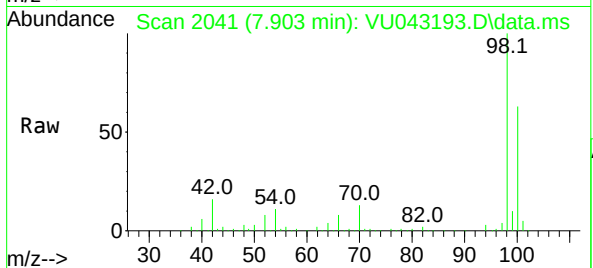




#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

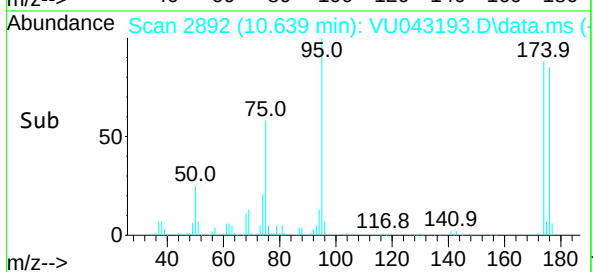
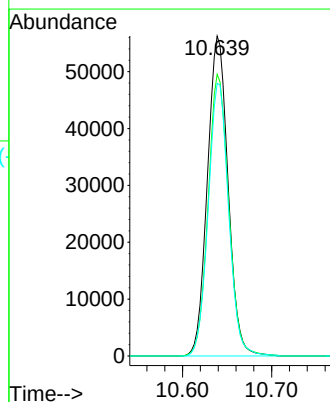
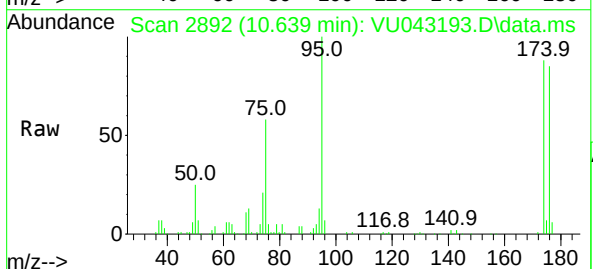
Instrument :
MSVOA_U
ClientSampled :

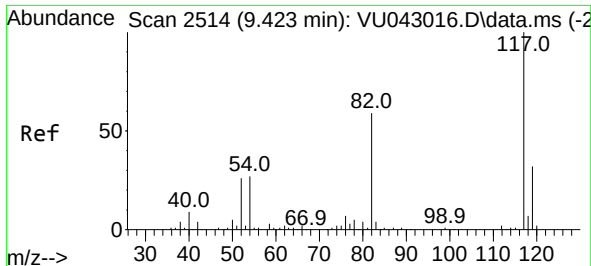
Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 182.7 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 43.16 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

Tgt Ion: 95 Resp: 90421
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.2
176 84.2 0.0 168.8

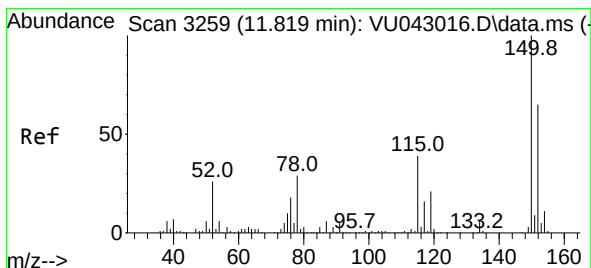
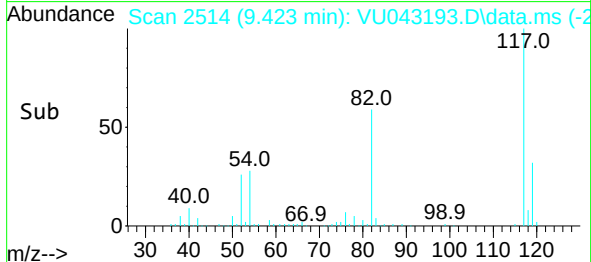
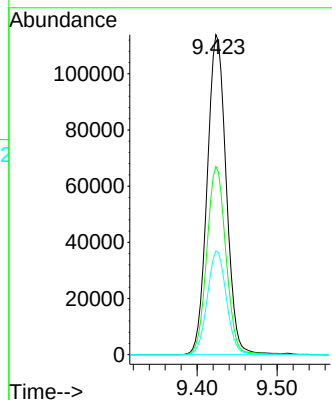
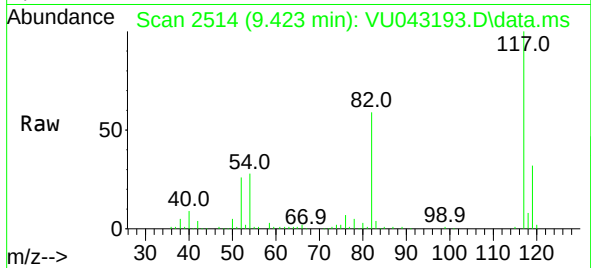




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

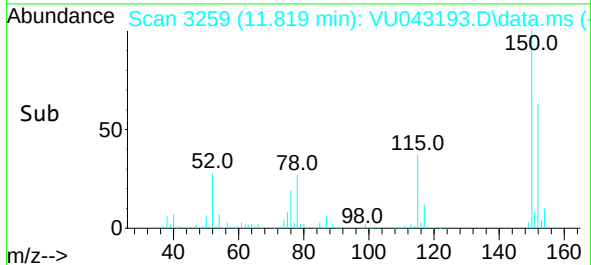
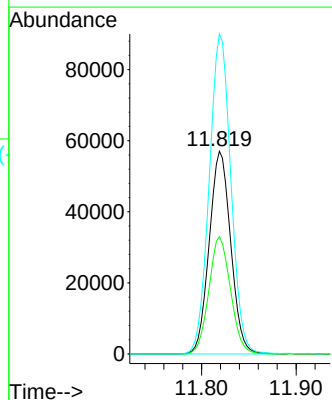
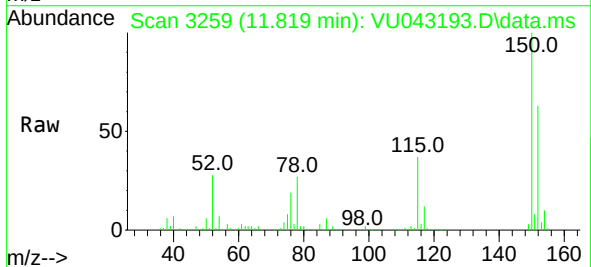
Instrument :
MSVOA_U
ClientSampleId :

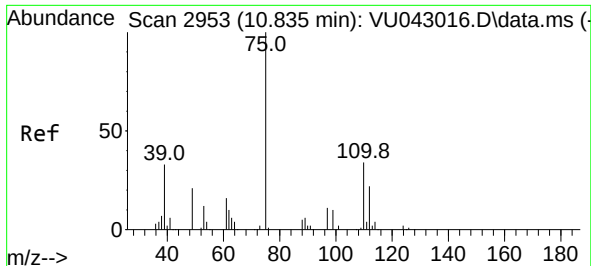
Tgt Ion:117 Resp: 188569
Ion Ratio Lower Upper
117 100
82 58.7 45.8 68.6
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

Tgt Ion:152 Resp: 90228
Ion Ratio Lower Upper
152 100
115 58.1 41.5 124.6
150 158.6 0.0 342.4

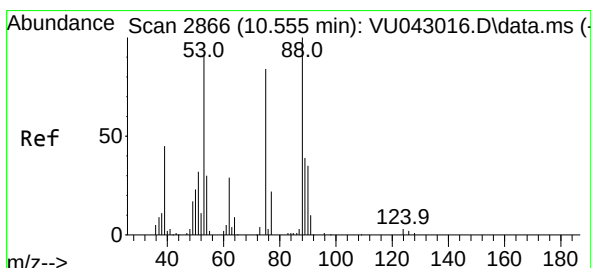
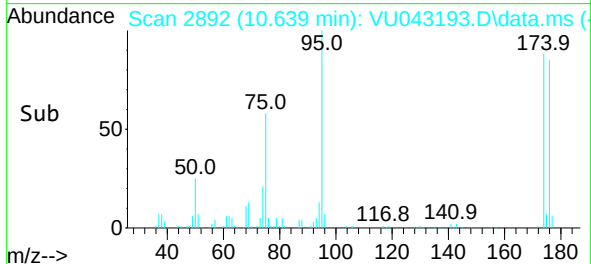
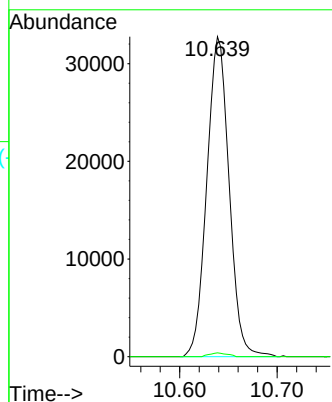
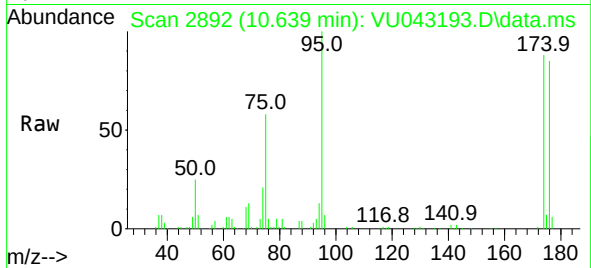




#76
1,2,3-Trichloropropane
Concen: 19.73 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

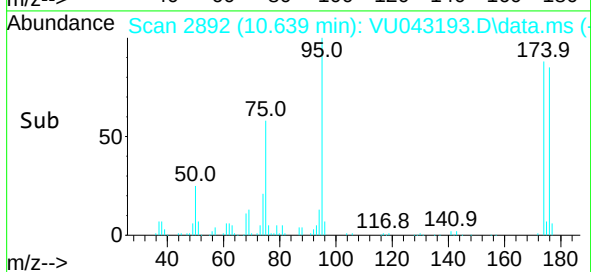
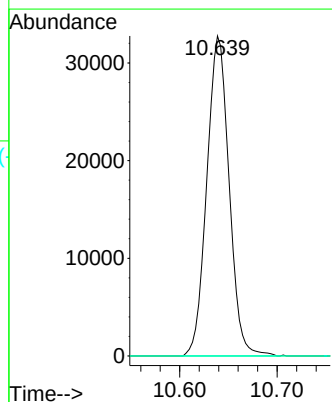
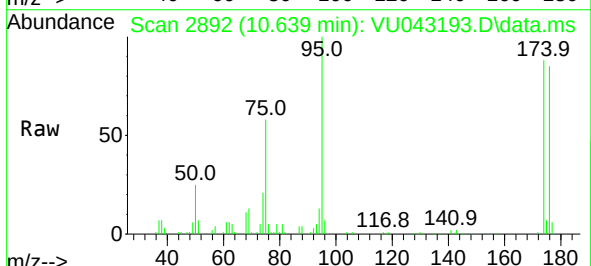
Instrument :
MSVOA_U
ClientSampled :

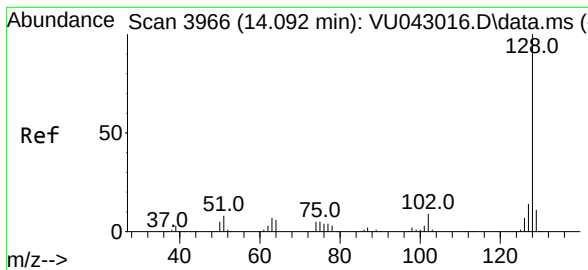
Tgt Ion: 75 Resp: 52016
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.97 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

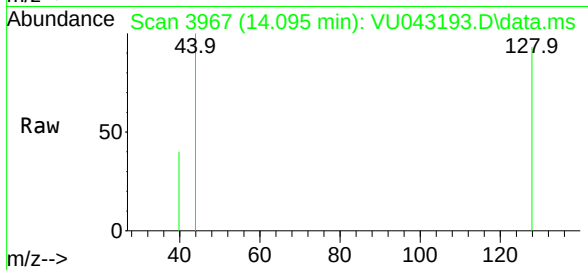
Tgt Ion: 75 Resp: 52016
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.81 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043193.D
Acq: 19 Apr 2021 14:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 497
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

