

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068490.D
 Acq On : 02 Mar 2021 12:25
 Operator : VA/SY
 Sample : M1525-01
 Misc : 4.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-030121

Quant Time: Mar 02 23:56:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

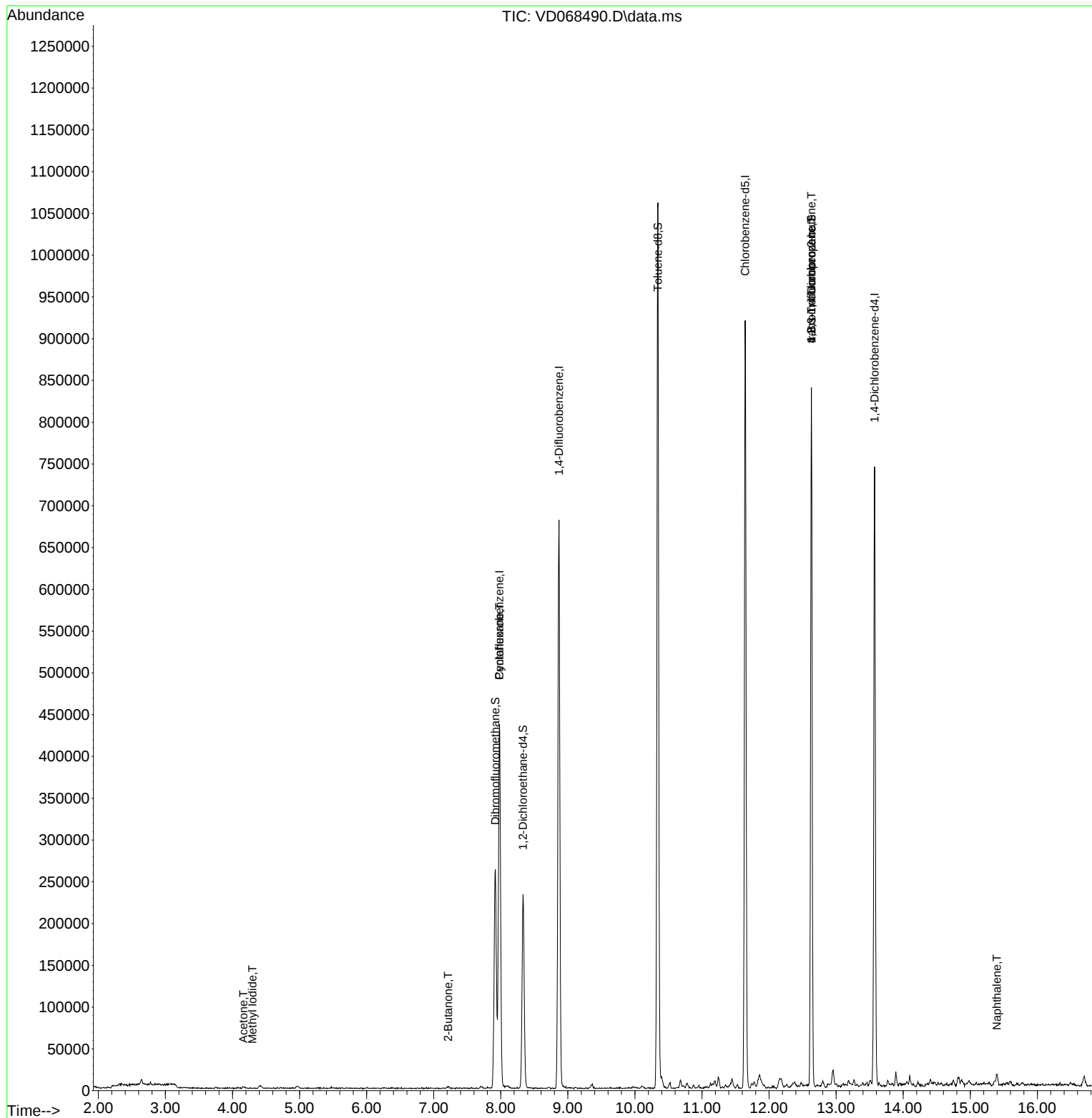
Internal Standards						
1) Pentafluorobenzene	7.979	168	334045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	618463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	556003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	200877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	182065	54.55	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.10%			
35) Dibromofluoromethane	7.920	113	188499	50.60	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.20%			
50) Toluene-d8	10.344	98	745223	50.22	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.44%			
62) 4-Bromofluorobenzene	12.632	95	220221	46.05	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.10%			
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	366	2.70	ug/l #	79
16) Acetone	4.162	43	2873	5.42	ug/l #	84
20) Methylene Chloride	4.962	84	1791	Below Cal	#	60
25) 2-Butanone	7.214	43	882	1.16	ug/l #	43
31) Cyclohexane	7.979	56	7236	1.19	ug/l #	6
76) 1,2,3-Trichloropropane	12.632	75	113752	63.79	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	113752	148.86	ug/l #	14
95) Naphthalene	15.396	128	13279	1.69	ug/l #	96

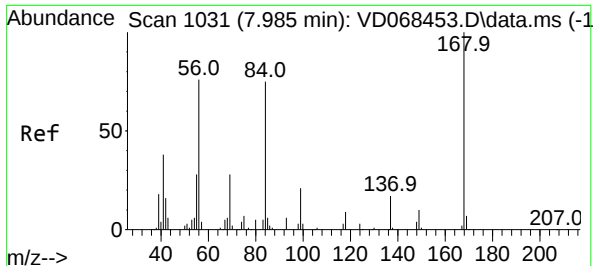
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OK-01-030121

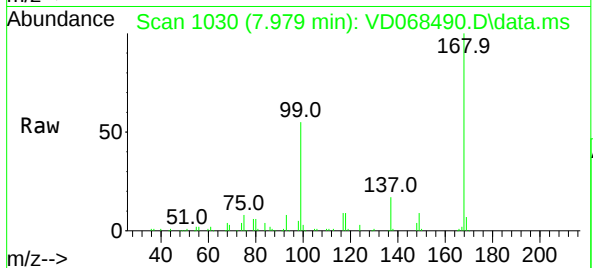
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration



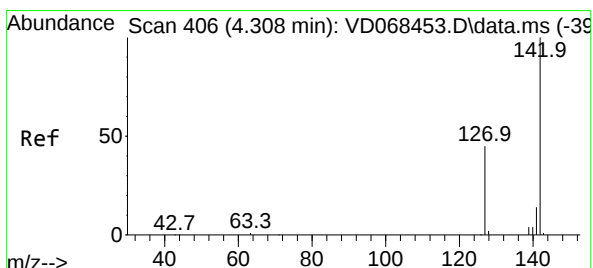
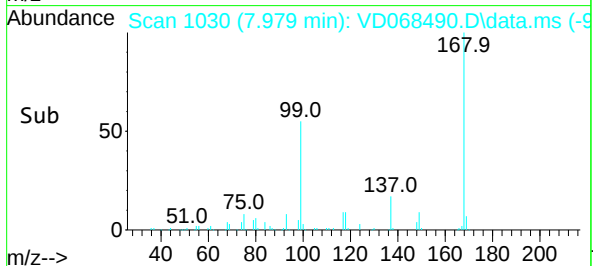
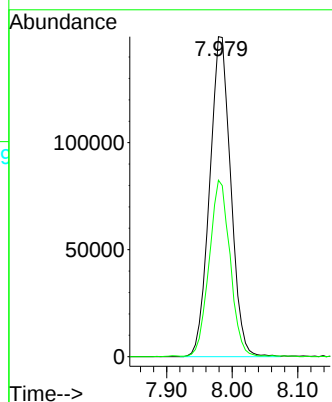


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068490.D
Acq: 02 Mar 2021 12:25

Instrument :
MSVOA_D
ClientSampleId :
OK-01-030121

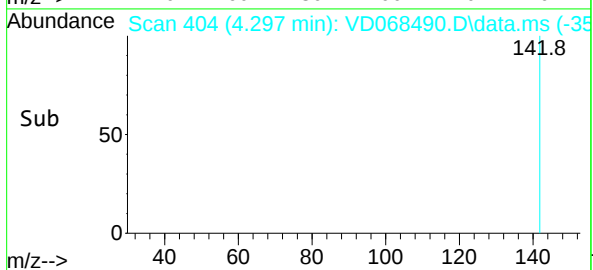
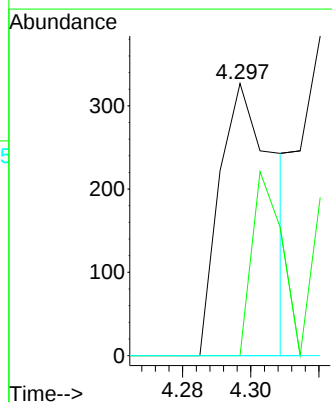
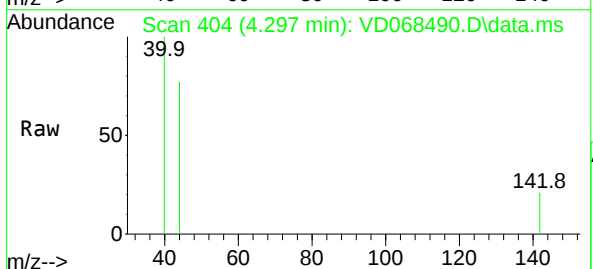


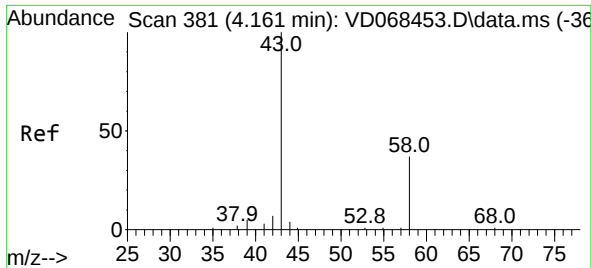
Tgt Ion:168 Resp: 334045
Ion Ratio Lower Upper
168 100
99 55.0 43.5 65.3



#10
Methyl Iodide
Concen: 2.70 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068490.D
Acq: 02 Mar 2021 12:25

Tgt Ion:142 Resp: 366
Ion Ratio Lower Upper
142 100
127 36.1 37.9 56.9#
141 0.0 11.5 17.3#

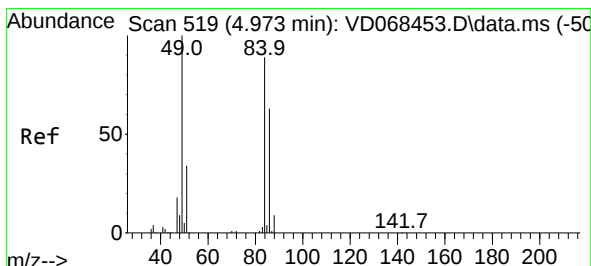
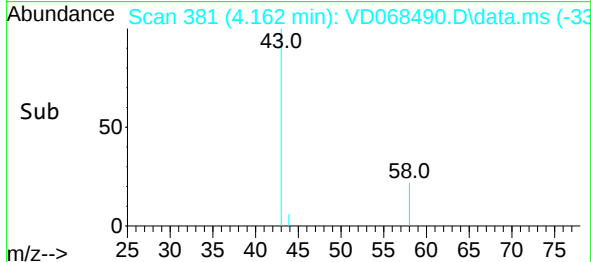
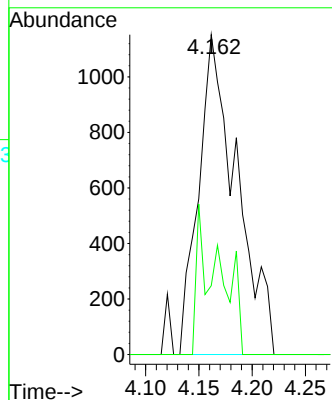
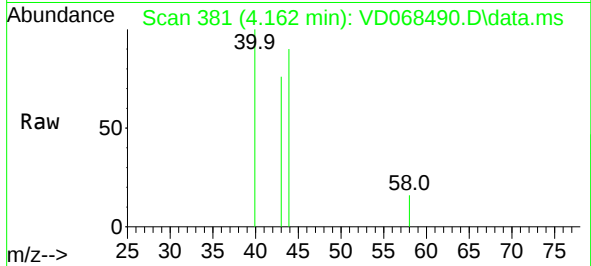




#16
Acetone
Concen: 5.42 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068490.D
Acq: 02 Mar 2021 12:25

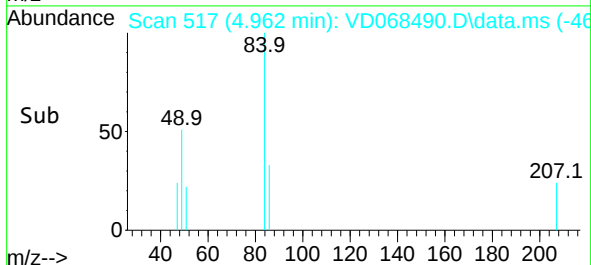
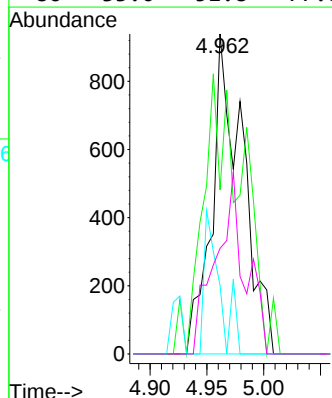
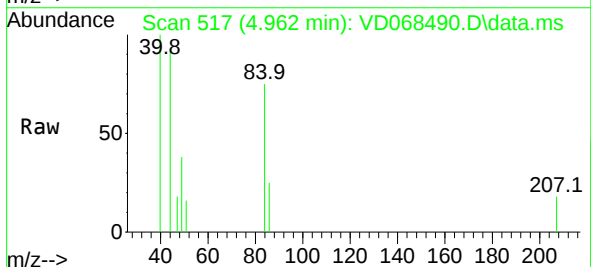
Instrument :
MSVOA_D
ClientSampleId :
OK-01-030121

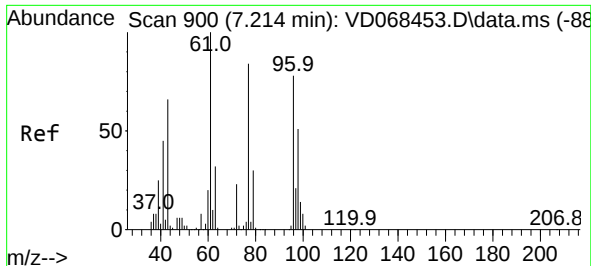
Tgt Ion: 43 Resp: 2873
Ion Ratio Lower Upper
43 100
58 21.5 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068490.D
Acq: 02 Mar 2021 12:25

Tgt Ion: 84 Resp: 1791
Ion Ratio Lower Upper
84 100
49 51.3 77.4 116.2#
51 21.5 26.1 39.1#
86 33.0 51.8 77.8#

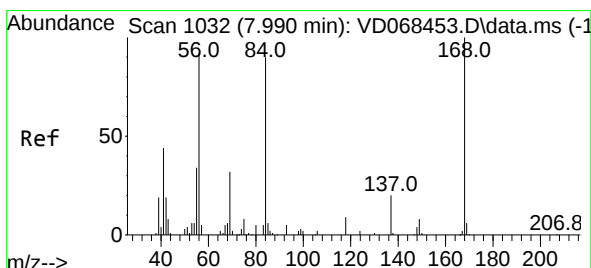
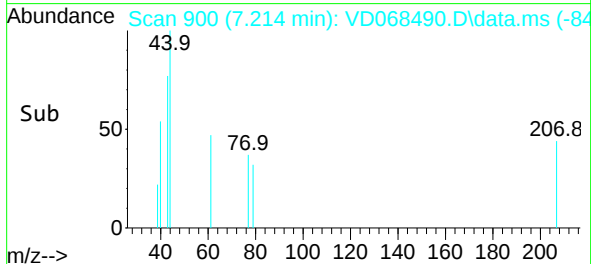
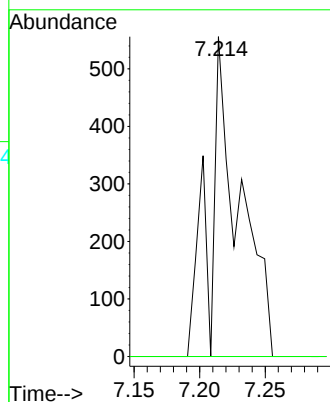
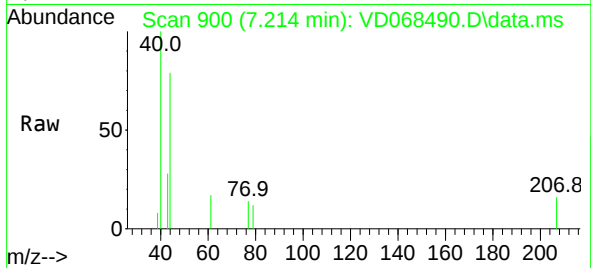




#25
2-Butanone
Concen: 1.16 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068490.D
Acq: 02 Mar 2021 12:25

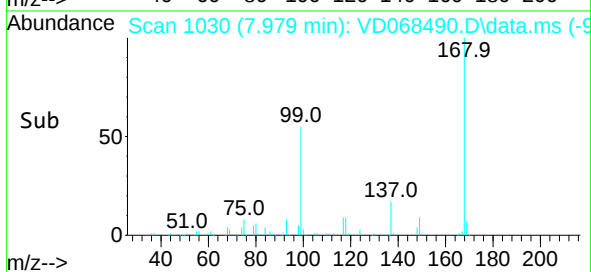
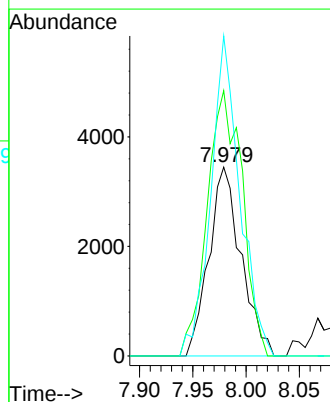
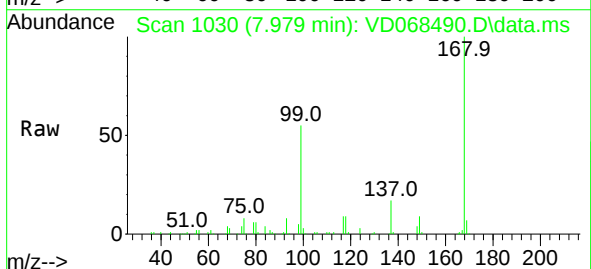
Instrument :
MSVOA_D
ClientSampleId :
OK-01-030121

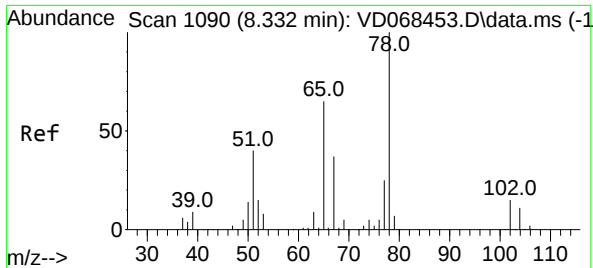
Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068490.D
Acq: 02 Mar 2021 12:25

Tgt Ion: 56 Resp: 7236
Ion Ratio Lower Upper
56 100
69 140.5 30.1 45.1#
84 169.4 82.1 123.1#

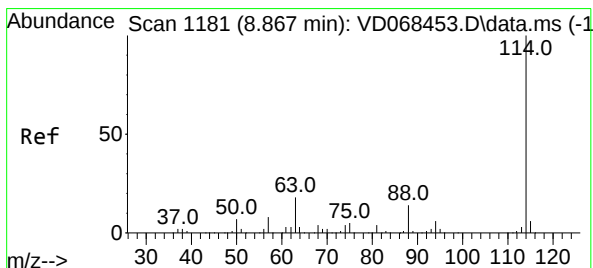
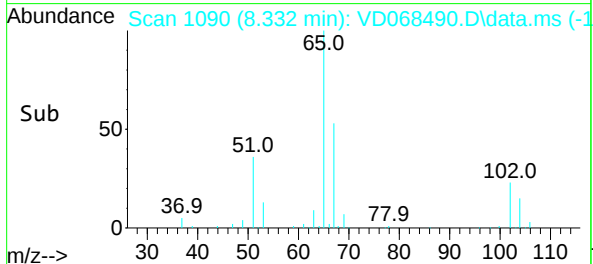
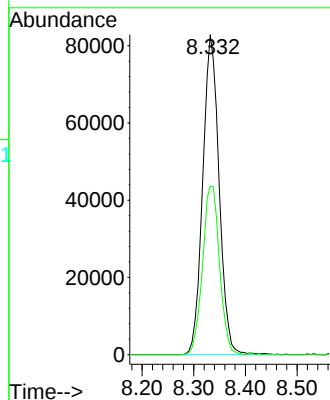
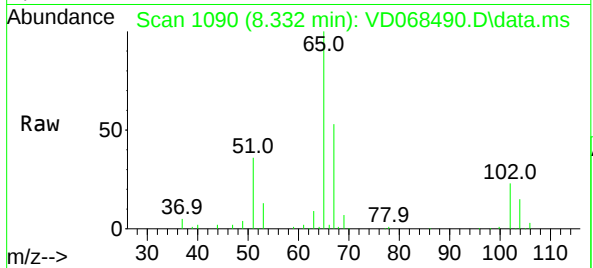




#33
1,2-Dichloroethane-d4
Concen: 54.55 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068490.D
Acq: 02 Mar 2021 12:25

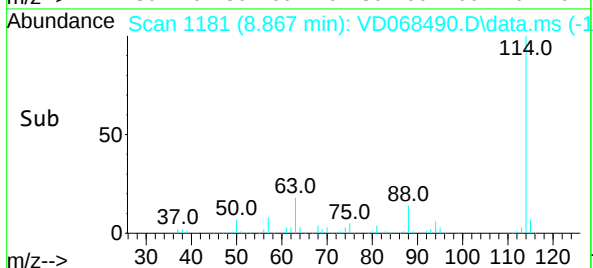
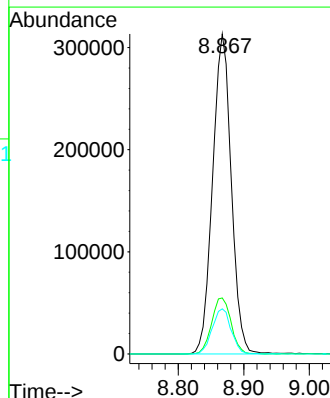
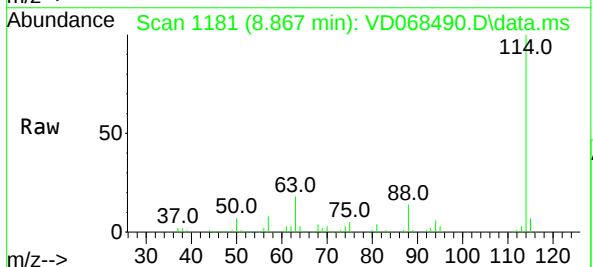
Instrument :
MSVOA_D
ClientSampleId :
OK-01-030121

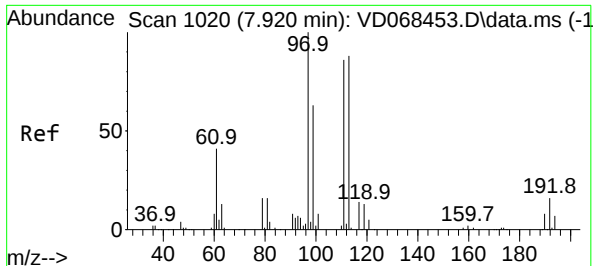
Tgt Ion: 65 Resp: 182065
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068490.D
Acq: 02 Mar 2021 12:25

Tgt Ion: 114 Resp: 618463
Ion Ratio Lower Upper
114 100
63 17.5 0.0 34.8
88 14.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.60 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068490.D

Acq: 02 Mar 2021 12:25

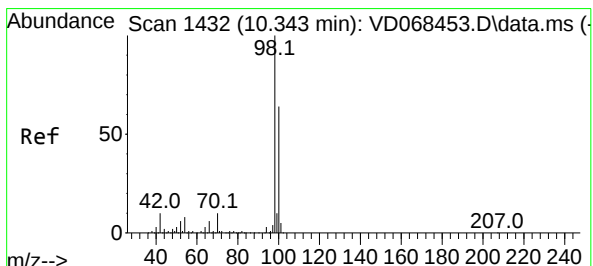
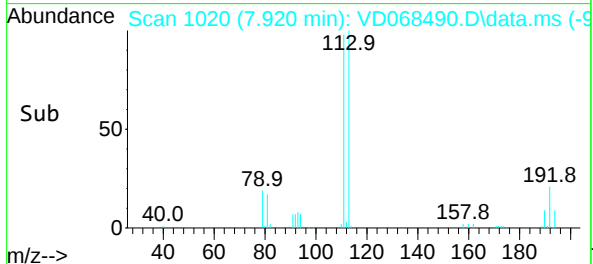
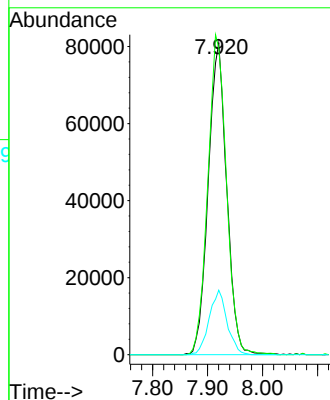
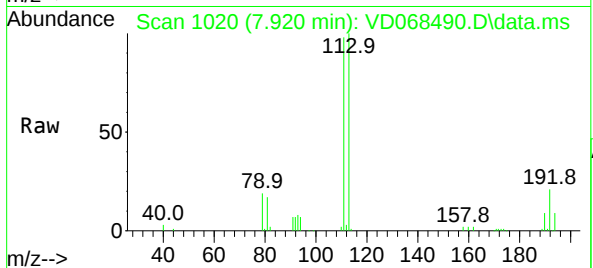
Tgt Ion:113 Resp: 188499

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 20.1 16.1 24.1



#50

Toluene-d8

Concen: 50.22 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VD068490.D

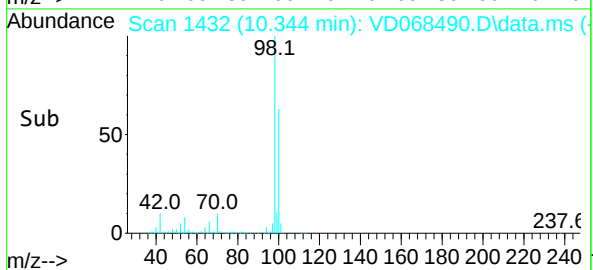
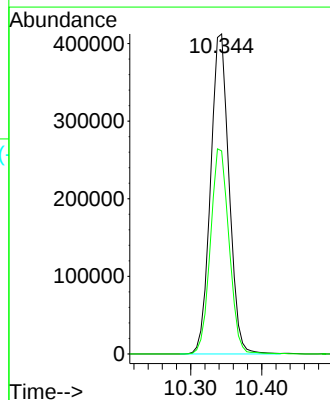
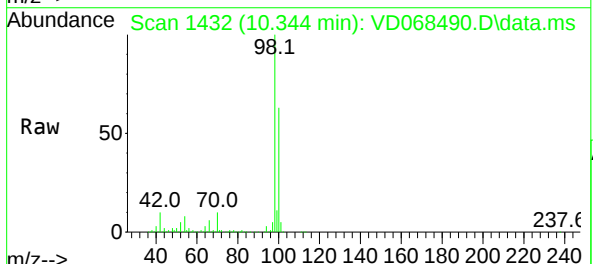
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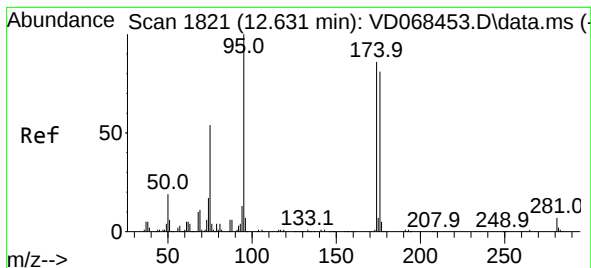
Tgt Ion: 98 Resp: 745223

Ion Ratio Lower Upper

98 100

100 64.7 53.0 79.4

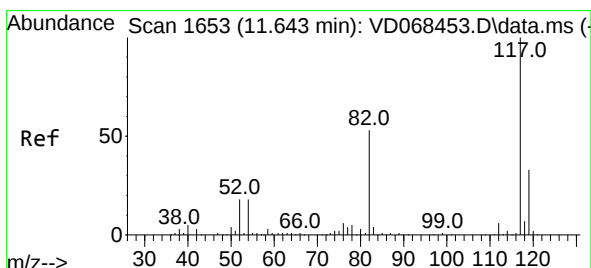
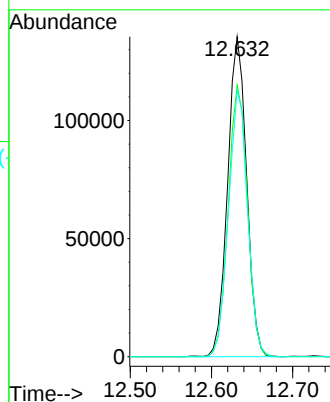
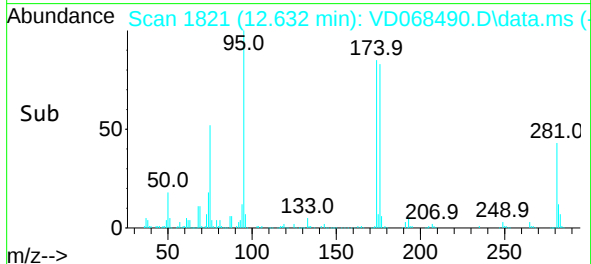
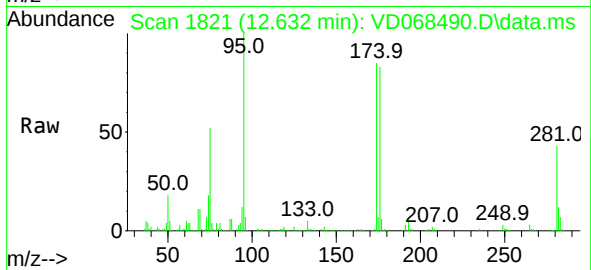




#62
4-Bromofluorobenzene
Concen: 46.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068490.D
Acq: 02 Mar 2021 12:25

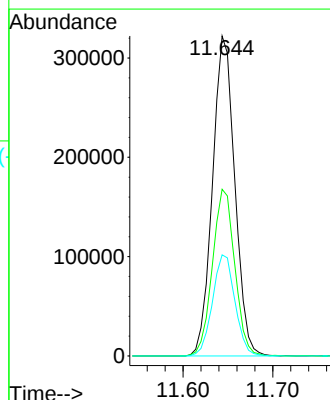
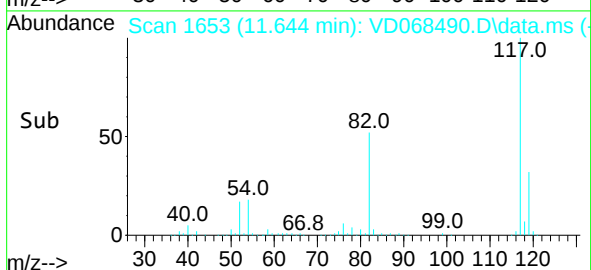
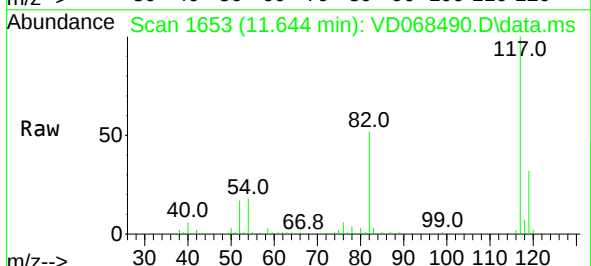
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OK-01-030121

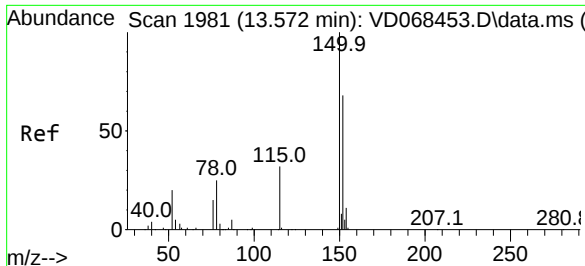
Tgt Ion: 95 Resp: 220221
Ion Ratio Lower Upper
95 100
174 85.6 0.0 172.4
176 83.5 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068490.D
Acq: 02 Mar 2021 12:25

Tgt Ion: 117 Resp: 556003
Ion Ratio Lower Upper
117 100
82 52.0 41.4 62.0
119 31.6 26.1 39.1

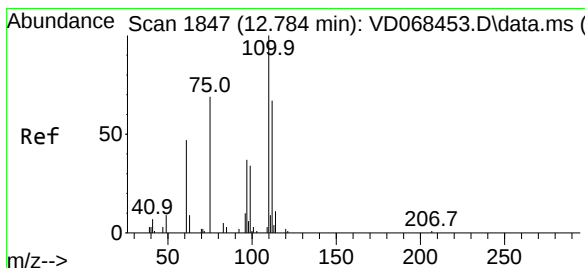
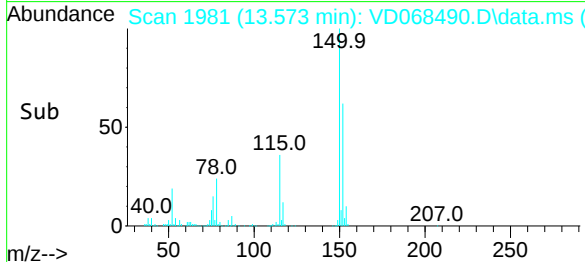
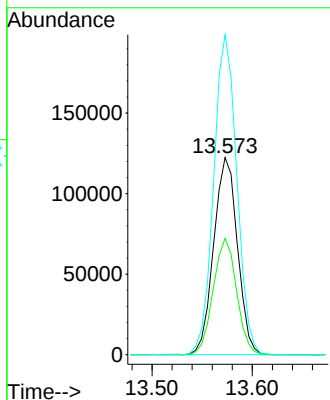
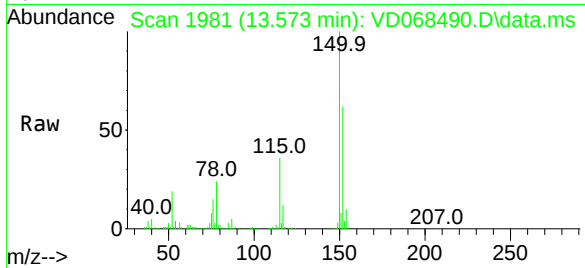




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.001 min
 Lab File: VD068490.D
 Acq: 02 Mar 2021 12:25

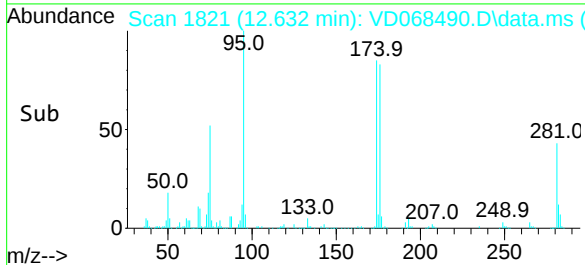
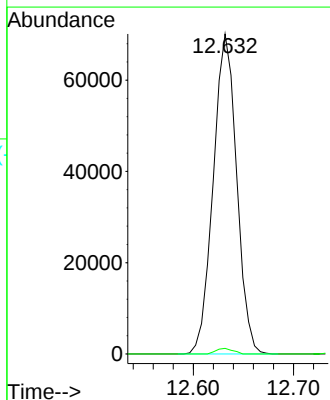
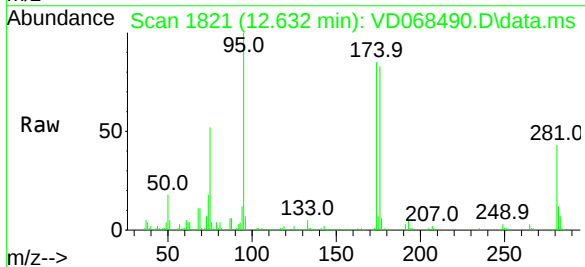
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-030121

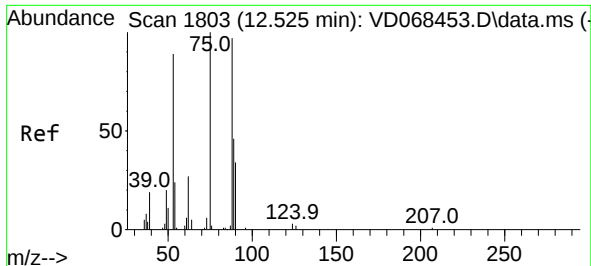
Tgt Ion:152 Resp: 200877
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.9 86.8
 150 158.3 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 63.79 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.152 min
 Lab File: VD068490.D
 Acq: 02 Mar 2021 12:25

Tgt Ion: 75 Resp: 113752
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

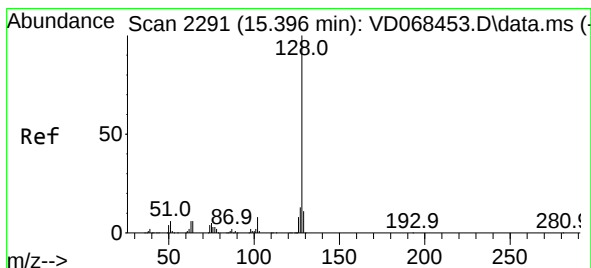
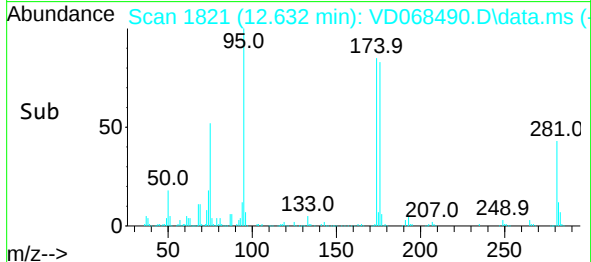
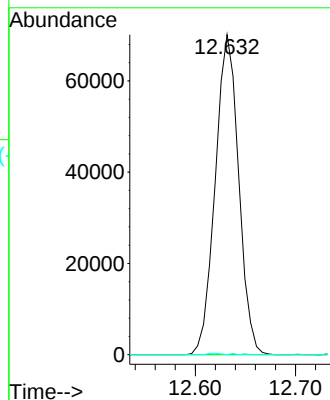
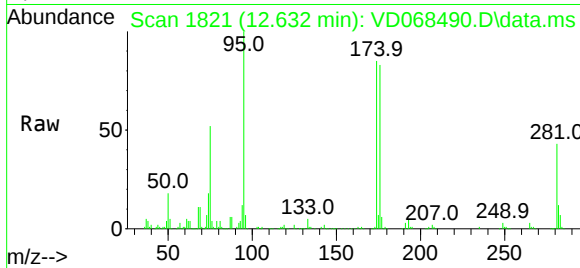




#81
trans-1,4-Dichloro-2-butene
Concen: 148.86 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068490.D
Acq: 02 Mar 2021 12:25

Instrument :
MSVOA_D
ClientSampleId :
OK-01-030121

Tgt Ion: 75 Resp: 113752
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.2 40.3 60.5#



#95
Naphthalene
Concen: 1.69 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068490.D
Acq: 02 Mar 2021 12:25

Tgt Ion: 128 Resp: 13279
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 13.7 8.8 13.2#

