

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068028.D
 Acq On : 07 Jan 2021 12:29
 Operator : VA/SY
 Sample : M1021-01RE
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-010621

Quant Time: Jan 08 00:14:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

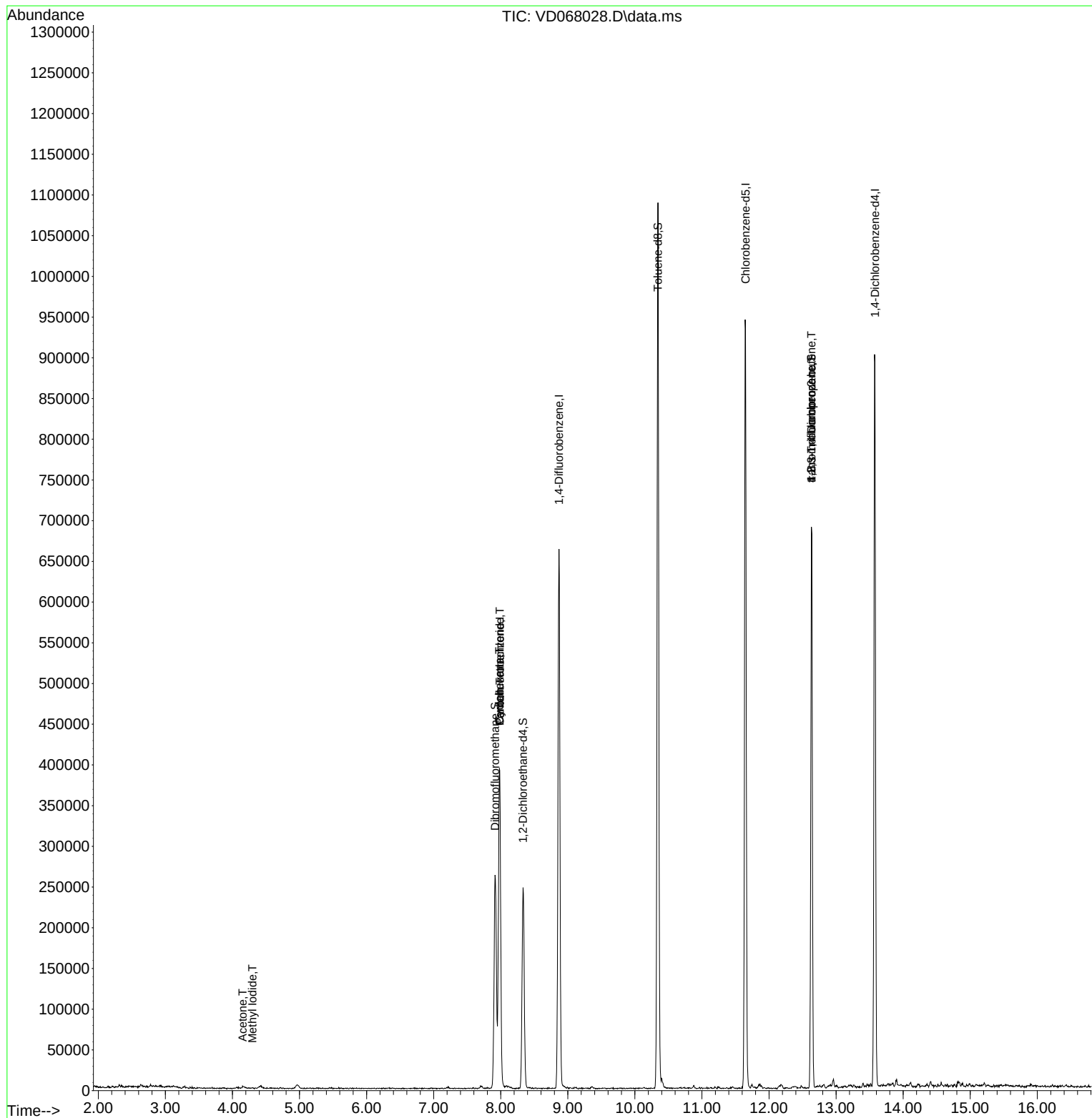
Internal Standards						
1) Pentafluorobenzene	7.985	168	282412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	570755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	544183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	230434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	197637	64.81	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.62%			
35) Dibromofluoromethane	7.914	113	196476	54.63	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.26%			
50) Toluene-d8	10.344	98	716428	53.00	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.00%			
62) 4-Bromofluorobenzene	12.632	95	231142	49.99	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.98%			
Target Compounds						
5) Bromomethane	2.791	94	905	Below Cal	#	46
10) Methyl Iodide	4.297	142	383	3.96	ug/l #	89
16) Acetone	4.150	43	5140	8.83	ug/l #	83
20) Methylene Chloride	4.968	84	3385	Below Cal	#	83
31) Cyclohexane	7.979	56	8308	1.33	ug/l #	26
38) Carbon Tetrachloride	7.985	117	29731	5.13	ug/l #	18
76) 1,2,3-Trichloropropane	12.632	75	117551	60.59	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	117551	124.20	ug/l #	12

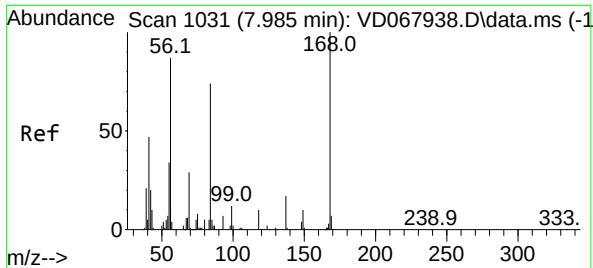
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 08 00:14:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

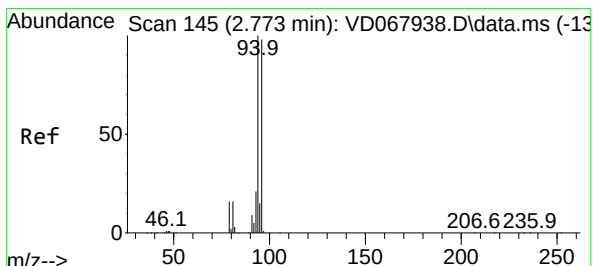
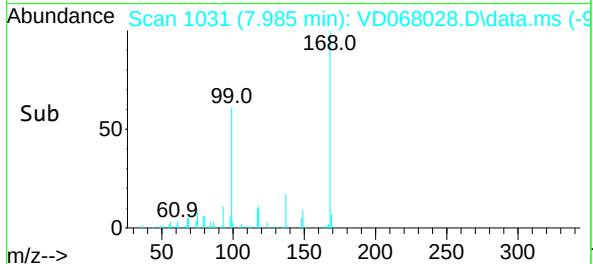
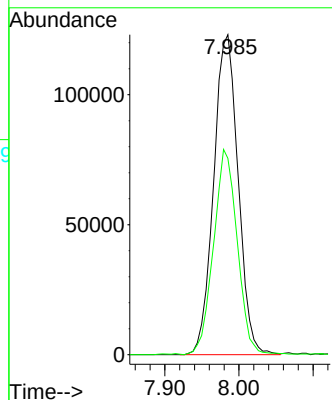
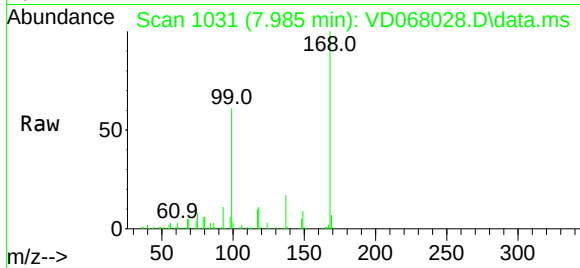




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

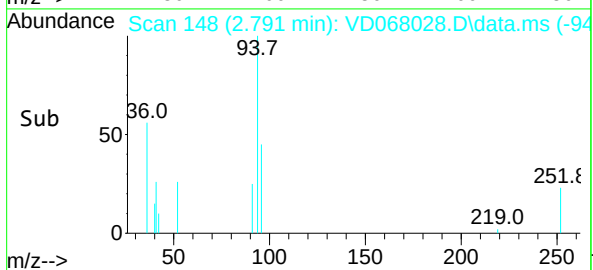
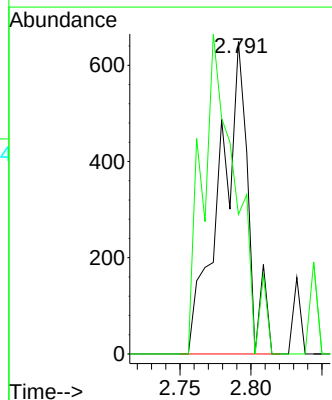
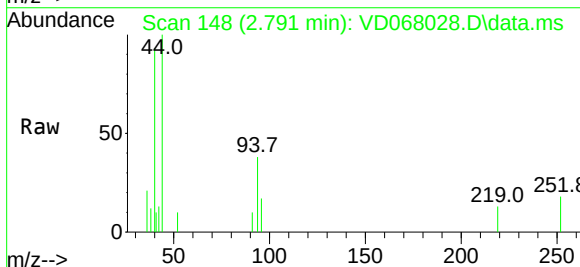
Instrument :
MSVOA_D
ClientSampleId :
OK-02-010621

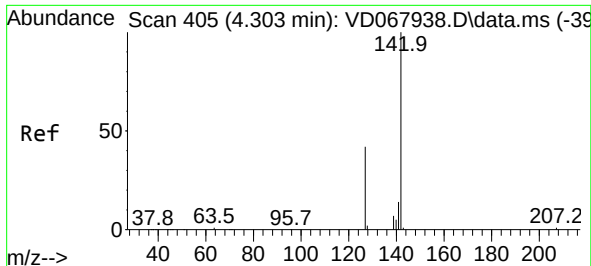
Tgt Ion:168 Resp: 282412
Ion Ratio Lower Upper
168 100
99 61.2 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.791 min Scan# 148
Delta R.T. 0.018 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

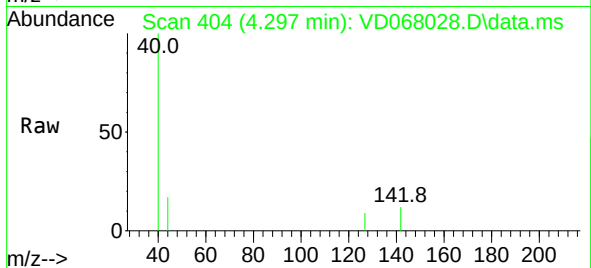
Tgt Ion: 94 Resp: 905
Ion Ratio Lower Upper
94 100
96 44.7 78.0 117.0#



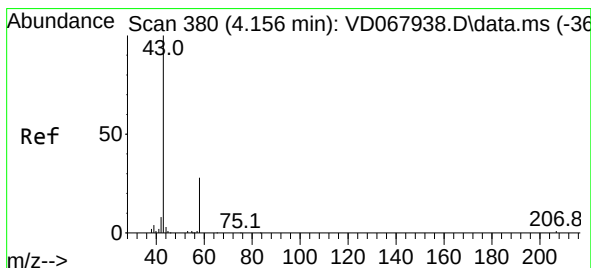
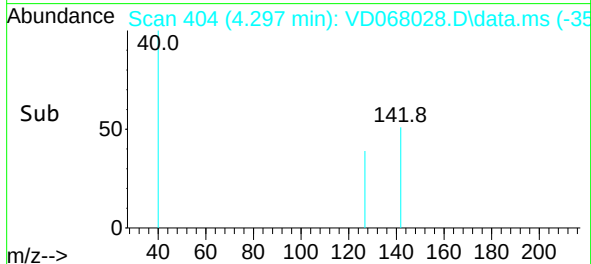
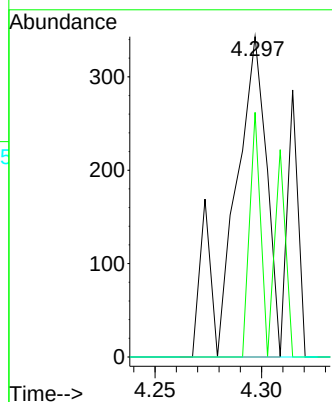


#10
Methyl Iodide
Concen: 3.96 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
OK-02-010621

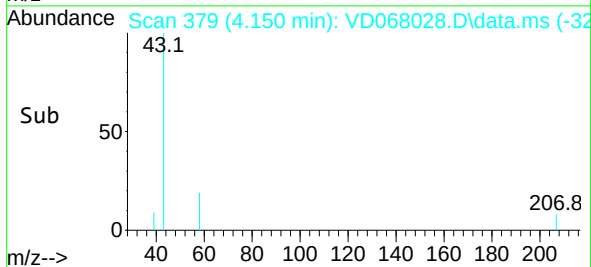
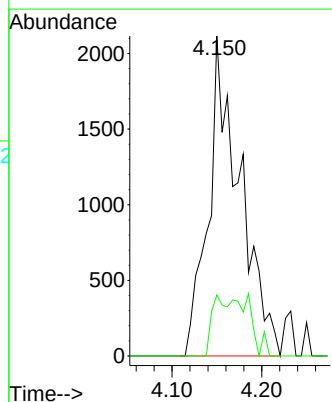
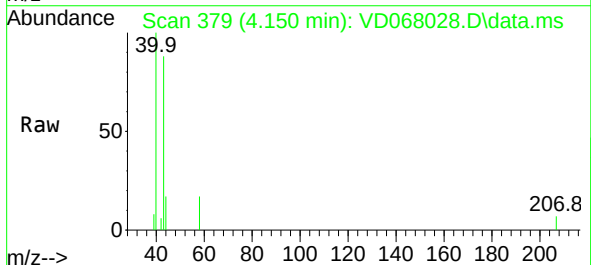


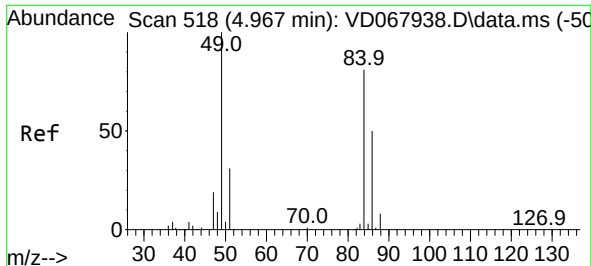
Tgt Ion:142 Resp: 383
Ion Ratio Lower Upper
142 100
127 44.6 34.4 51.6
141 0.0 11.8 17.8#



#16
Acetone
Concen: 8.83 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

Tgt Ion: 43 Resp: 5140
Ion Ratio Lower Upper
43 100
58 19.0 22.3 33.5#

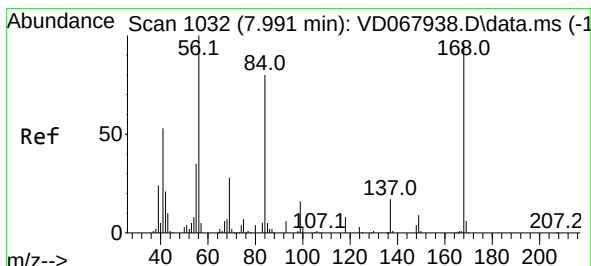
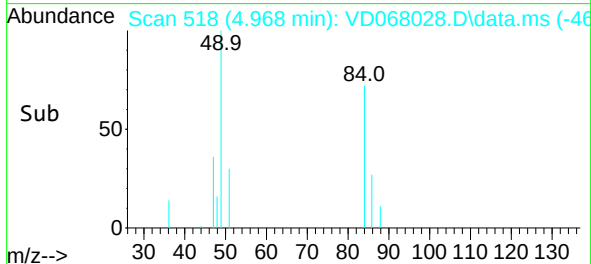
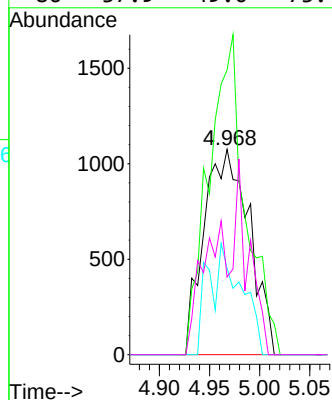
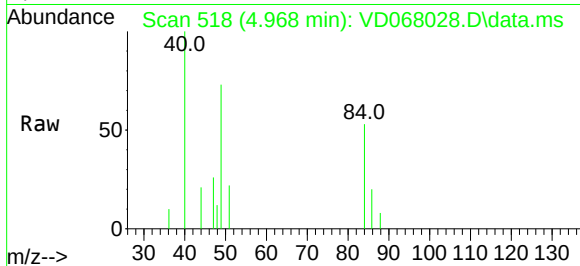




#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.001 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

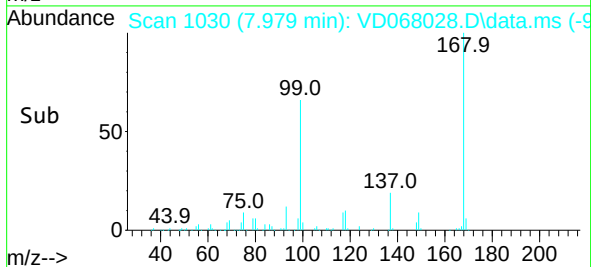
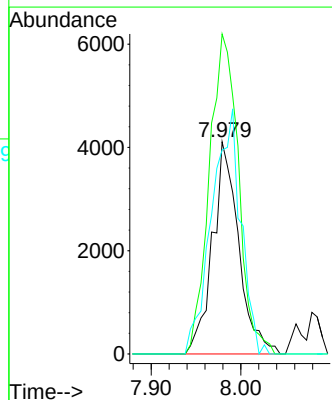
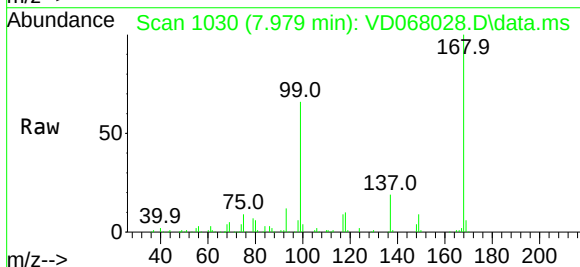
Instrument :
MSVOA_D
ClientSampleId :
OK-02-010621

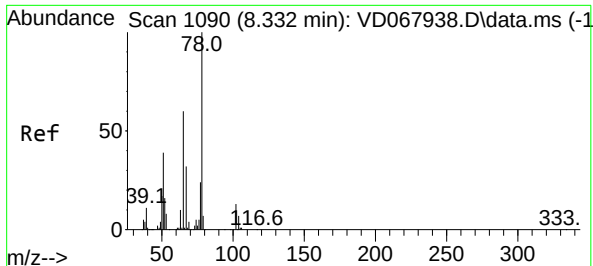
Tgt Ion:	84	Resp:	3385
Ion	Ratio	Lower	Upper
84	100		
49	138.7	98.3	147.5
51	42.0	30.3	45.5
86	37.9	49.0	73.4#



#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

Tgt Ion:	56	Resp:	8308
Ion	Ratio	Lower	Upper
56	100		
69	150.8	22.7	34.1#
84	96.2	64.2	96.4

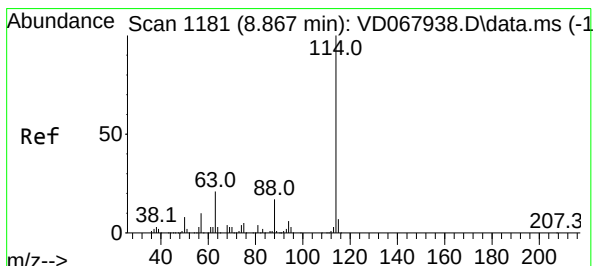
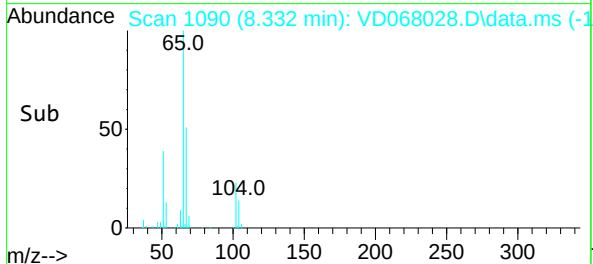
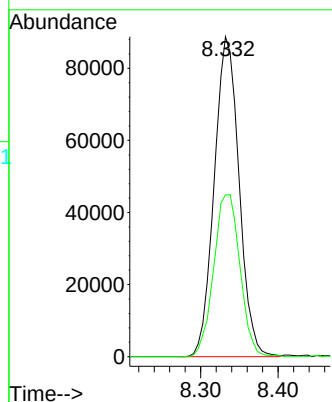
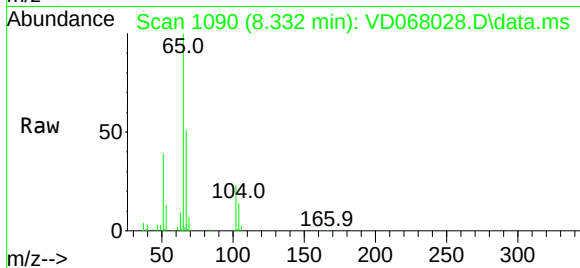




#33
1,2-Dichloroethane-d4
Concen: 64.81 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

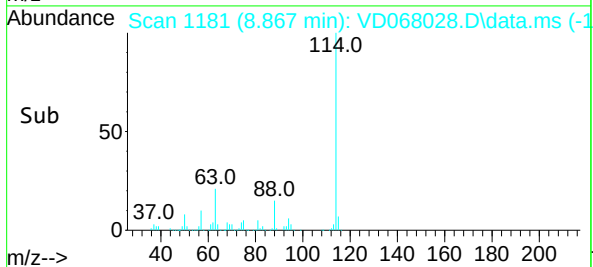
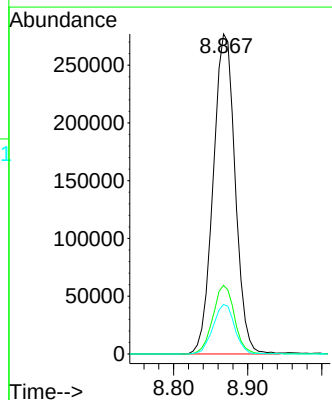
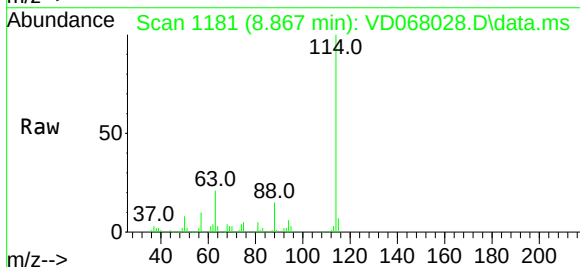
Instrument :
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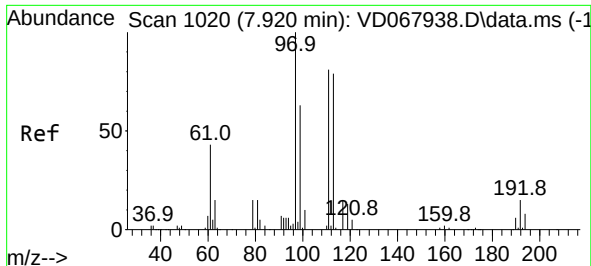
Tgt Ion: 65 Resp: 197637
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

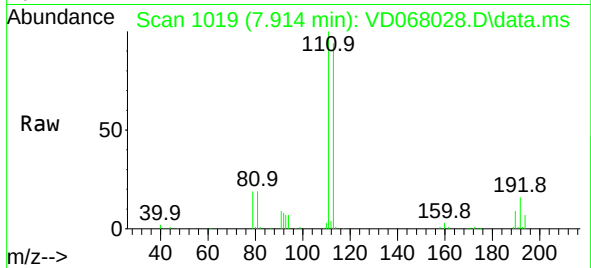
Tgt Ion: 114 Resp: 570755
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.4
88 15.4 0.0 33.2



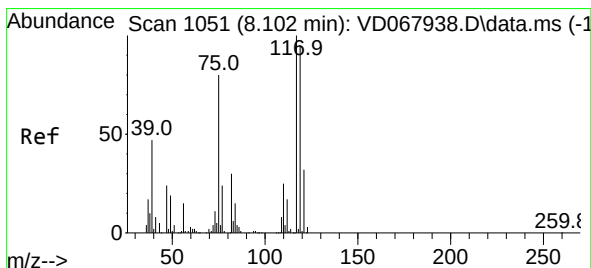
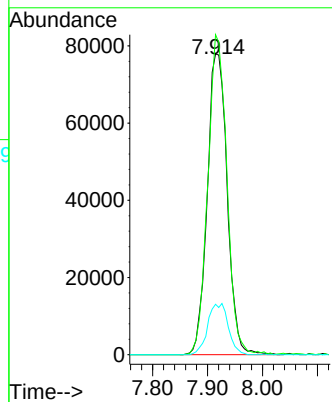
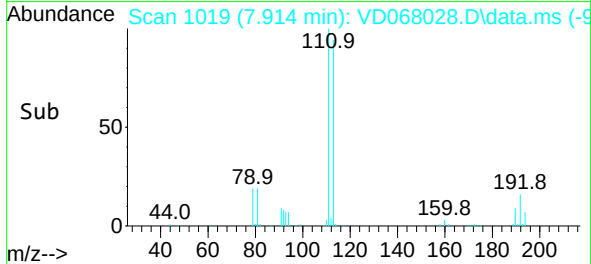


#35
Dibromofluoromethane
Concen: 54.63 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

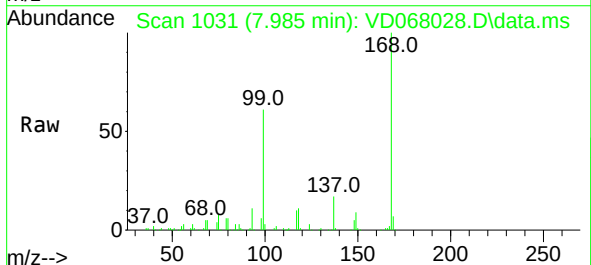
Instrument :
MSVOA_D
ClientSampleId :
OK-02-010621



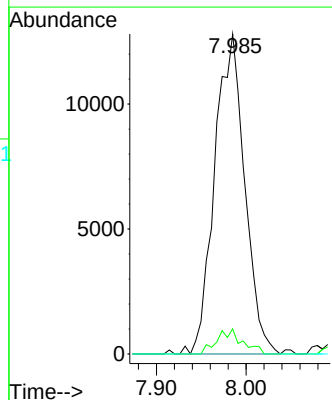
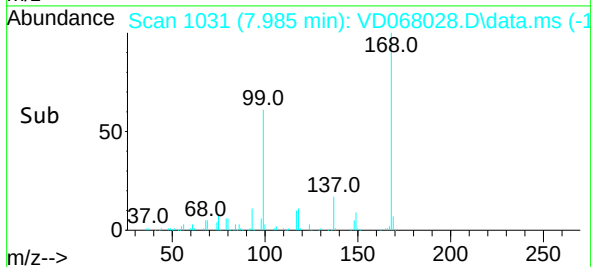
Tgt Ion:113 Resp: 196476
Ion Ratio Lower Upper
113 100
111 101.6 79.3 118.9
192 17.5 14.5 21.7

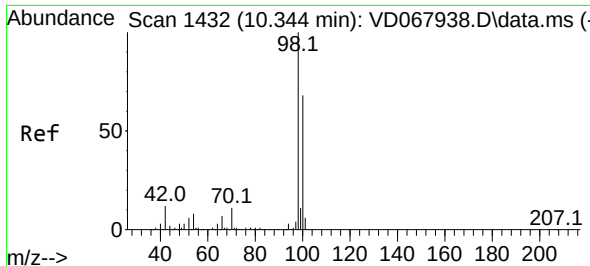


#38
Carbon Tetrachloride
Concen: 5.13 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29



Tgt Ion:117 Resp: 29731
Ion Ratio Lower Upper
117 100
119 7.8 76.2 114.4#
121 0.0 25.9 38.9#

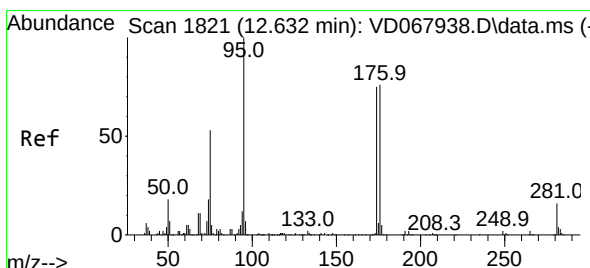
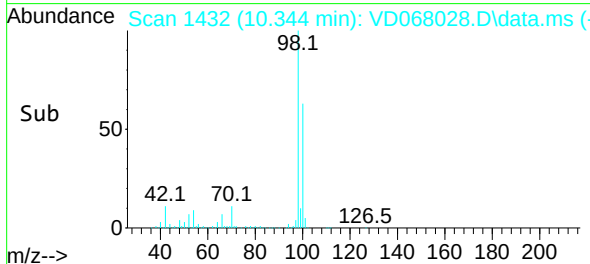
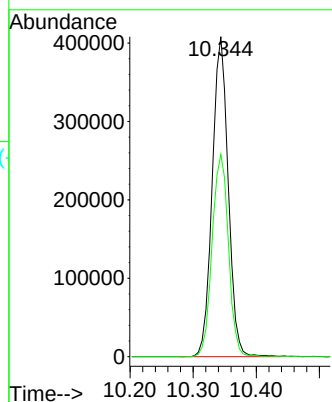
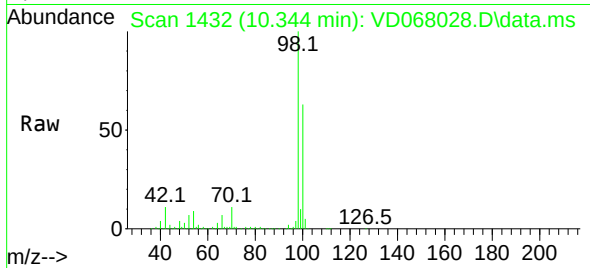




#50
Toluene-d8
Concen: 53.00 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

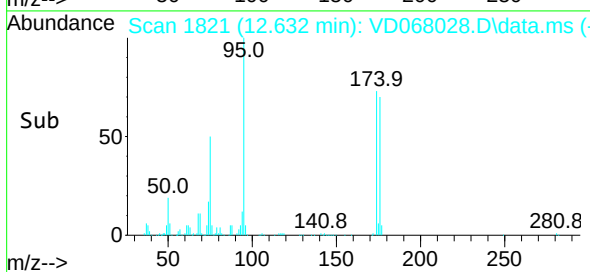
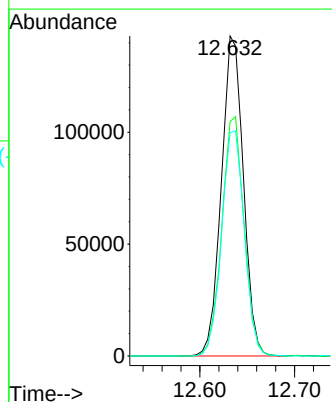
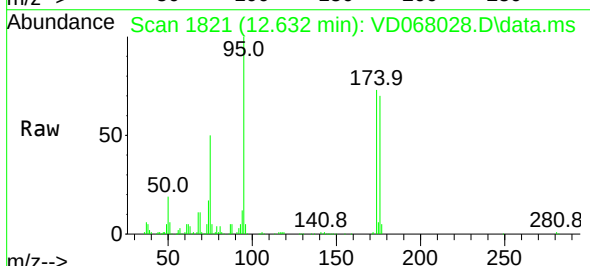
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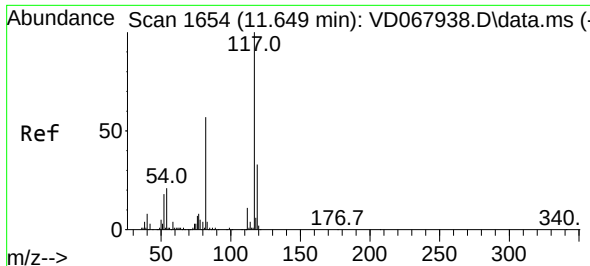
Tgt Ion: 98 Resp: 716428
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.99 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

Tgt Ion: 95 Resp: 231142
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.6
176 72.6 0.0 151.2

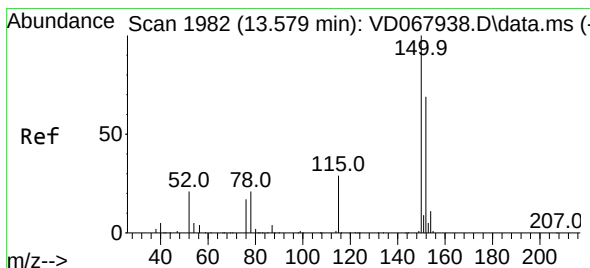
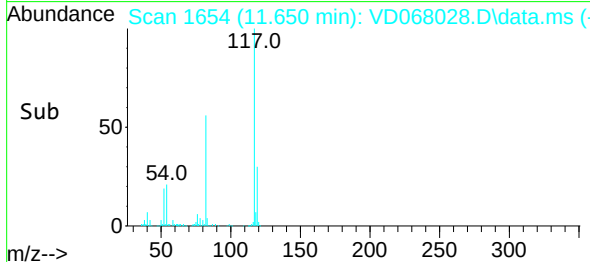
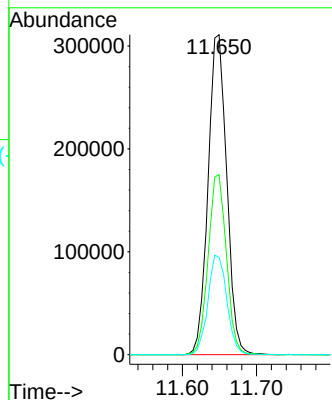
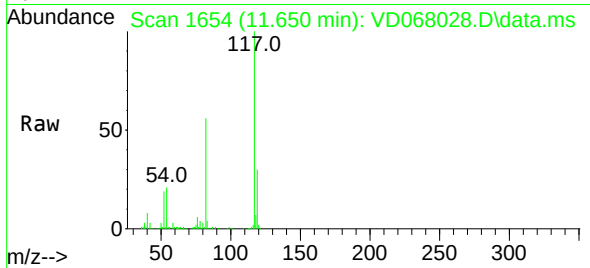




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

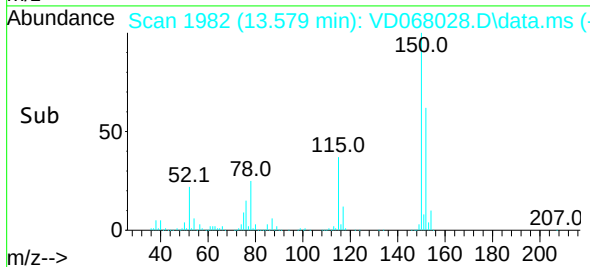
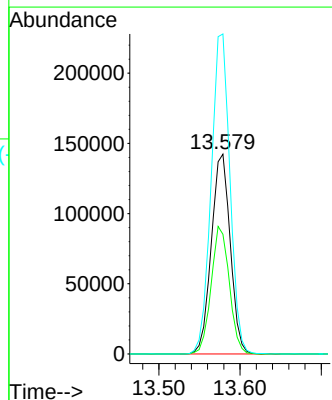
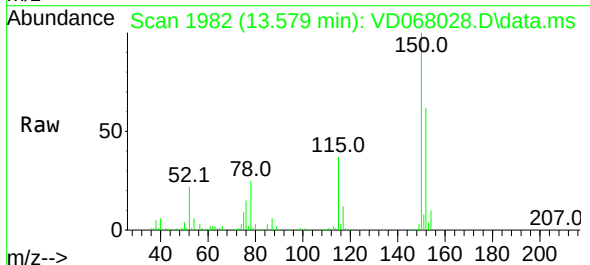
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OK-02-010621

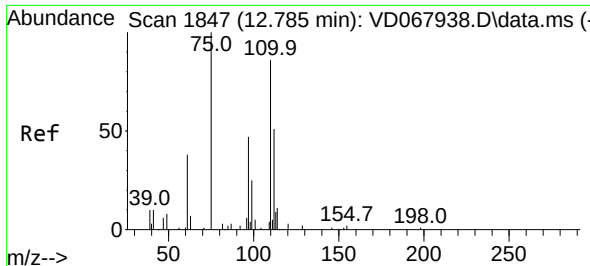
Tgt Ion:	117	Resp:	544183
Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.4	68.0
119	30.4	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

Tgt Ion:	152	Resp:	230434
Ion	Ratio	Lower	Upper
152	100		
115	61.2	29.3	88.0
150	159.0	0.0	340.0

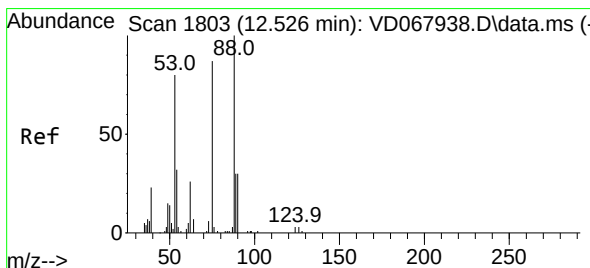
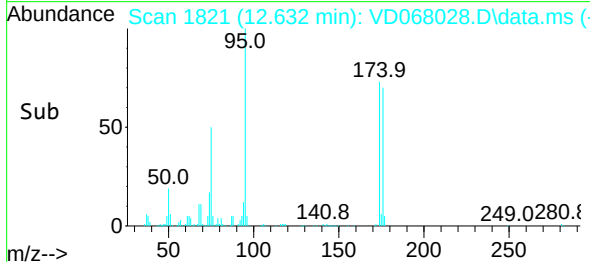
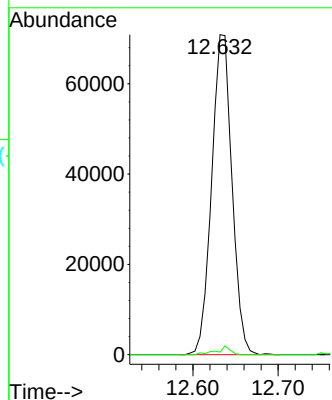
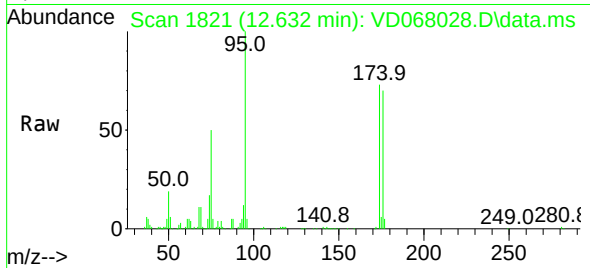




#76
1,2,3-Trichloropropane
Concen: 60.59 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
OK-02-010621

Tgt Ion: 75 Resp: 117551
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068028.D
Acq: 07 Jan 2021 12:29

Tgt Ion: 75 Resp: 117551
Ion Ratio Lower Upper
75 100
53 0.1 74.9 112.3#
89 0.0 33.8 50.8#

