

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068271.D
 Acq On : 03 Feb 2021 19:07
 Operator : VA/SY
 Sample : M1292-15
 Misc : 5.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU421-010-0510

Quant Time: Feb 03 23:44:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

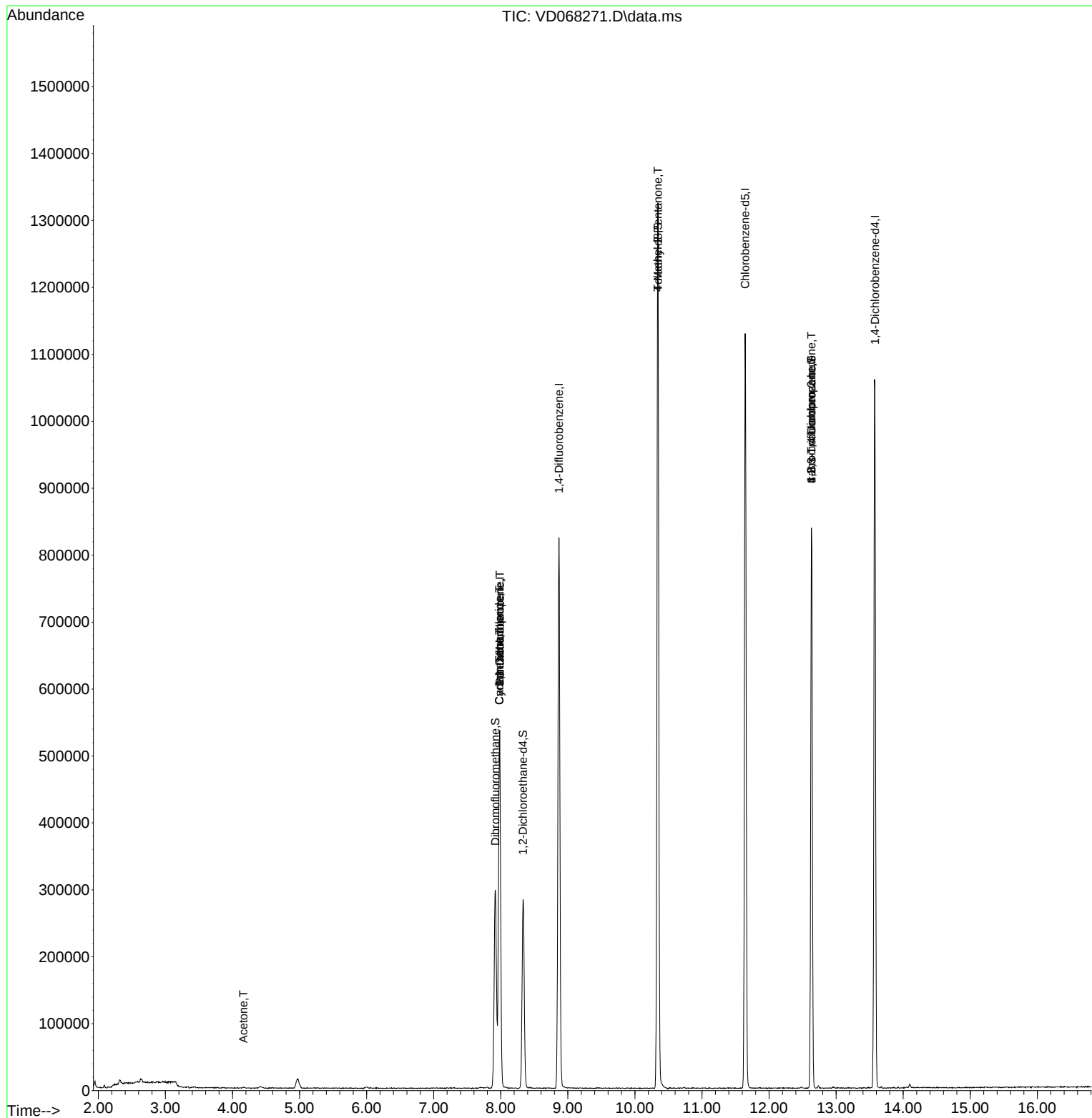
Internal Standards						
1) Pentafluorobenzene	7.985	168	403726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	742618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	671765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	296165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	227622	58.94	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.88%			
35) Dibromofluoromethane	7.920	113	221246	53.89	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.78%			
50) Toluene-d8	10.344	98	930700	56.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.34%			
62) 4-Bromofluorobenzene	12.632	95	296083	50.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.14%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	1384	2.01	ug/l #	44
20) Methylene Chloride	4.979	84	10858	Below Cal	#	88
31) Cyclohexane	7.979	56	8820	1.05	ug/l #	22
36) 1,1-Dichloropropene	7.985	75	32563	4.35	ug/l #	47
38) Carbon Tetrachloride	7.979	117	39565	5.64	ug/l #	15
51) 4-Methyl-2-Pentanone	10.344	43	3902	1.52	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	151050	52.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	151050	106.74	ug/l #	13

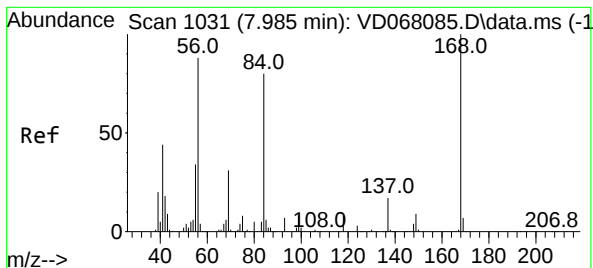
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

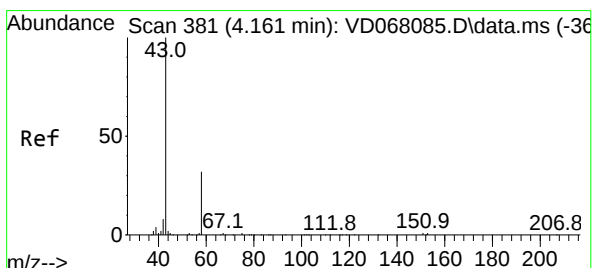
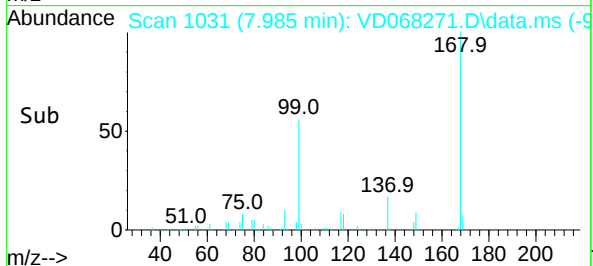
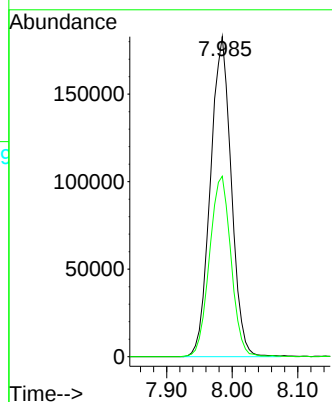
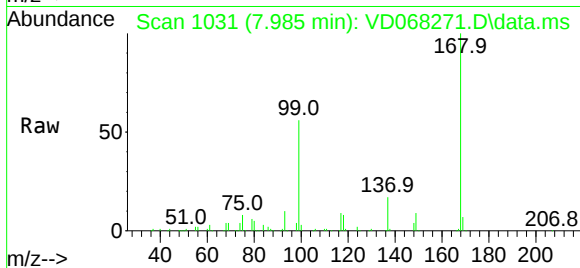




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

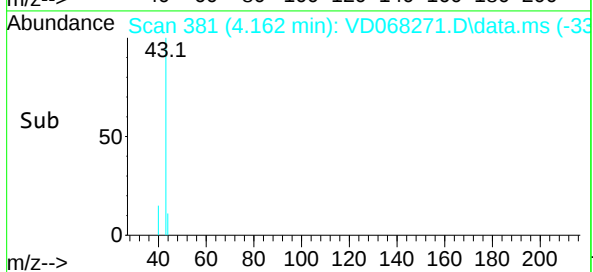
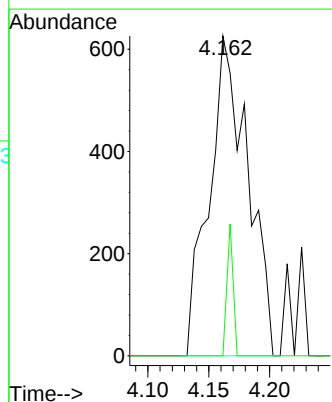
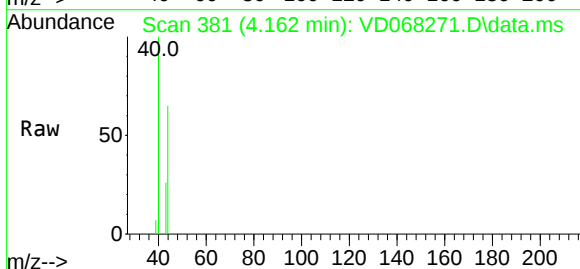
Instrument :
MSVOA_D
ClientSampleId :
OU421-010-0510

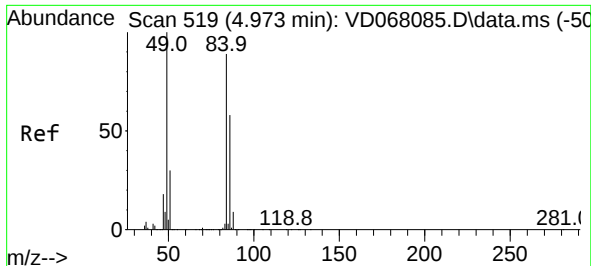
Tgt Ion:168 Resp: 403726
Ion Ratio Lower Upper
168 100
99 56.4 43.5 65.3



#16
Acetone
Concen: 2.01 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

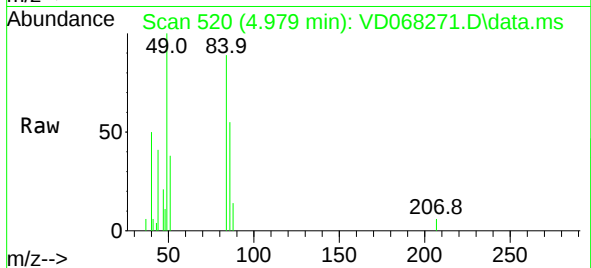
Tgt Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



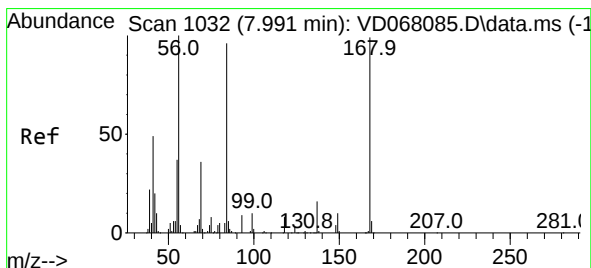
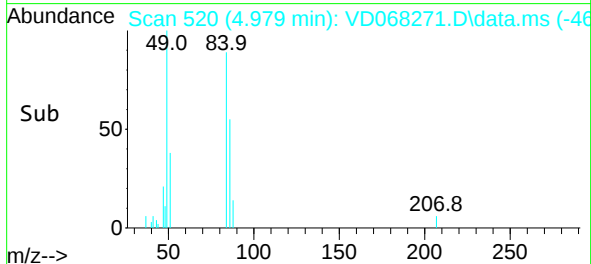
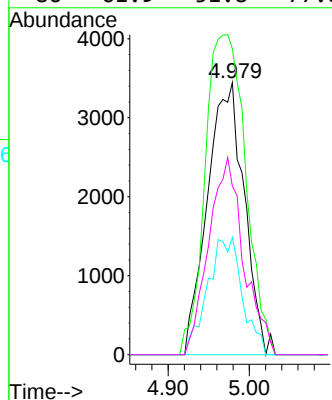


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

Instrument :
MSVOA_D
ClientSampleId :
OU421-010-0510

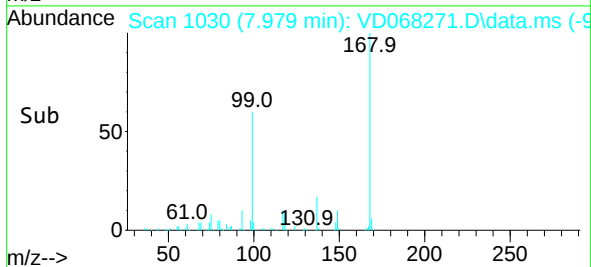
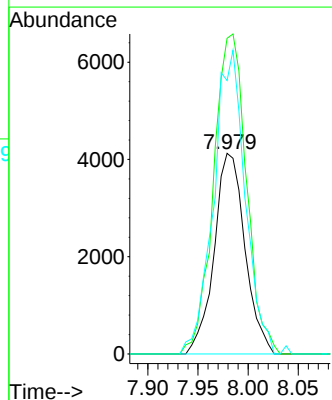
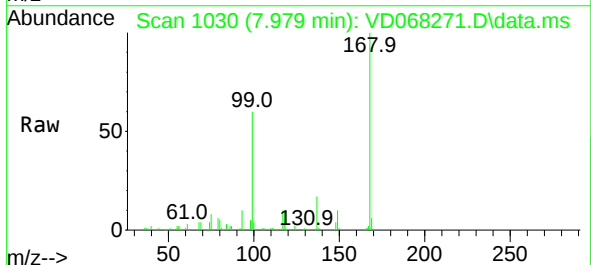


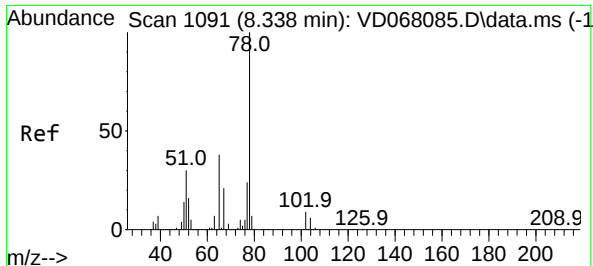
Tgt Ion:	84	Resp:	10858
Ion	Ratio	Lower	Upper
84	100		
49	112.5	77.4	116.2
51	43.2	26.1	39.1#
86	61.9	51.8	77.8



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

Tgt Ion:	56	Resp:	8820
Ion	Ratio	Lower	Upper
56	100		
69	157.4	30.1	45.1#
84	136.3	82.1	123.1#

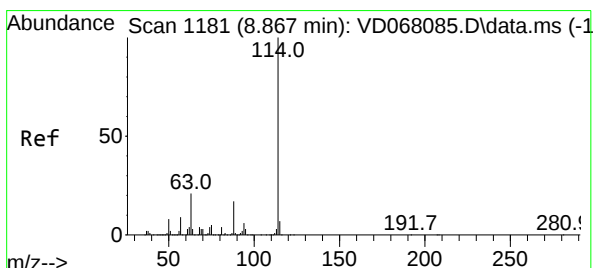
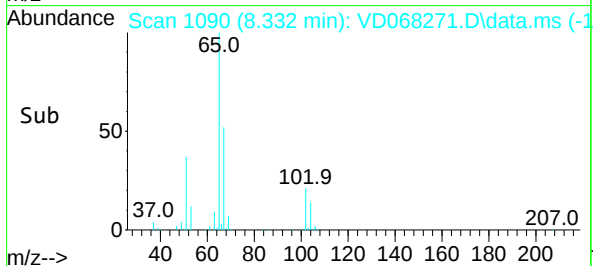
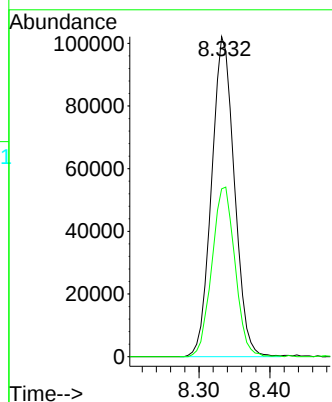
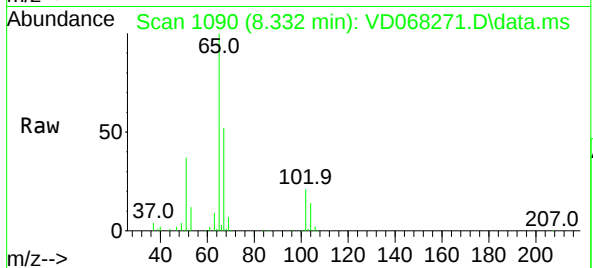




#33
1,2-Dichloroethane-d4
Concen: 58.94 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

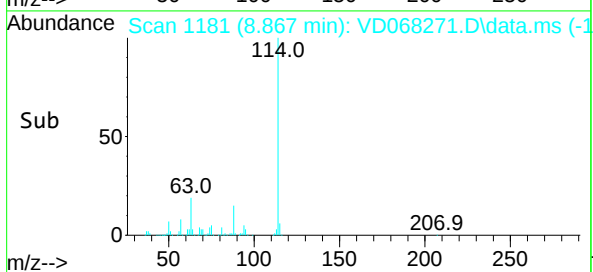
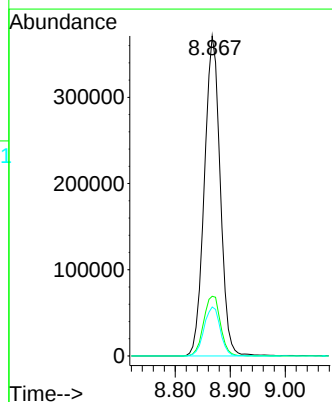
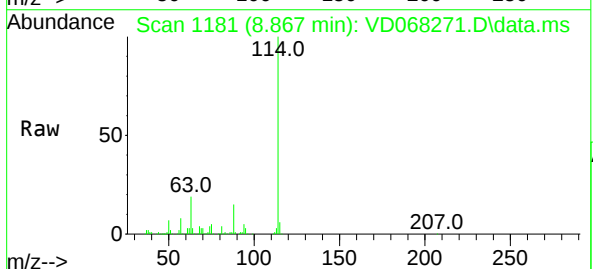
Instrument :
MSVOA_D
ClientSampleId :
OU421-010-0510

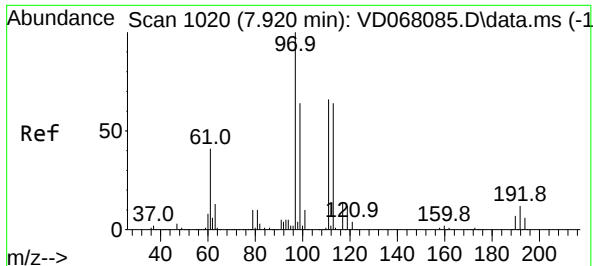
Tgt Ion: 65 Resp: 227622
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

Tgt Ion: 114 Resp: 742618
Ion Ratio Lower Upper
114 100
63 18.7 0.0 34.8
88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.89 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068271.D

Acq: 03 Feb 2021 19:07

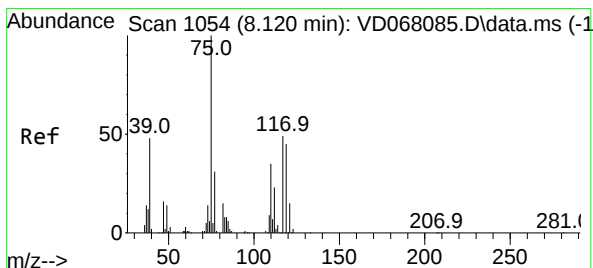
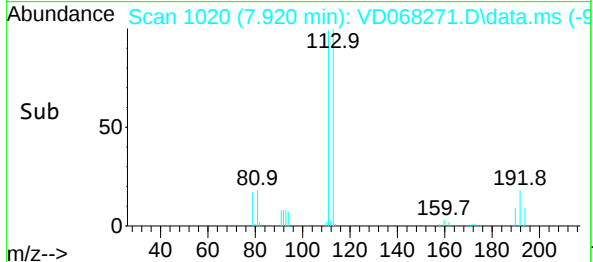
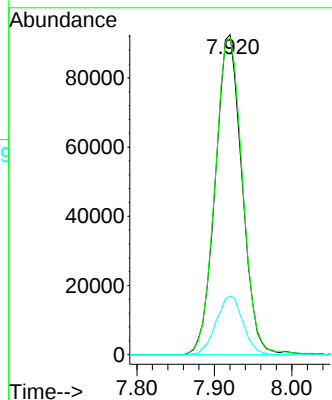
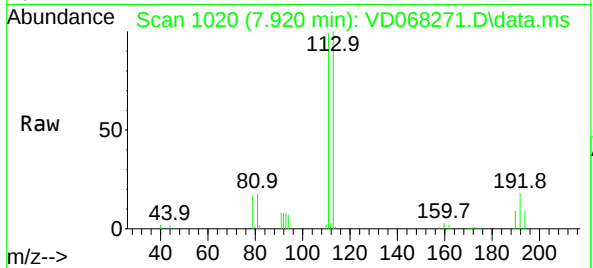
Tgt Ion:113 Resp: 221246

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 18.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.35 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.135 min

Lab File: VD068271.D

Acq: 03 Feb 2021 19:07

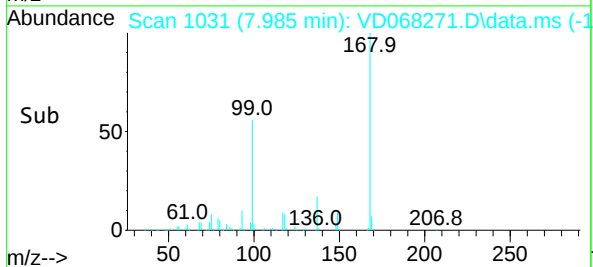
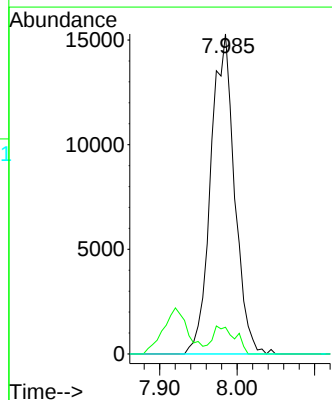
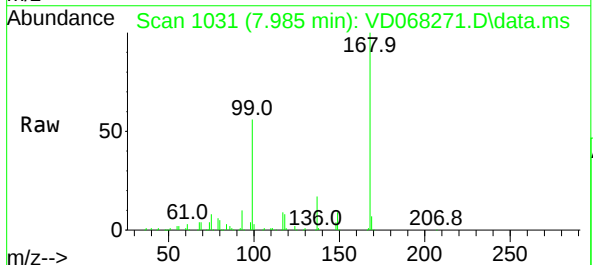
Tgt Ion: 75 Resp: 32563

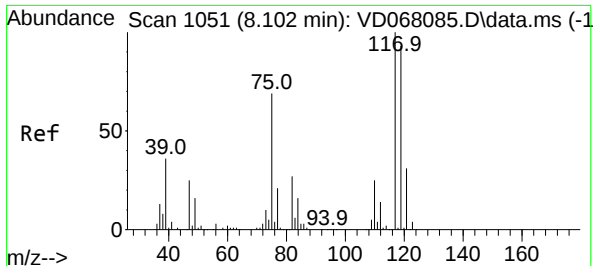
Ion Ratio Lower Upper

75 100

110 8.5 19.4 58.2#

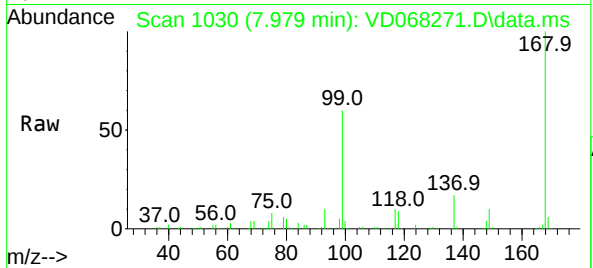
77 0.0 25.3 37.9#



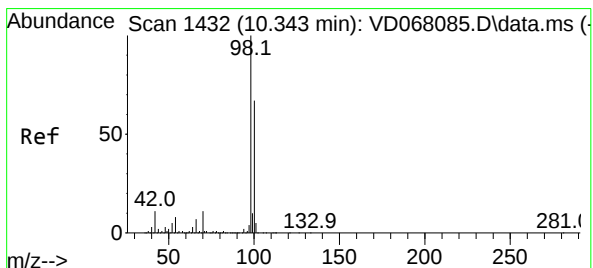
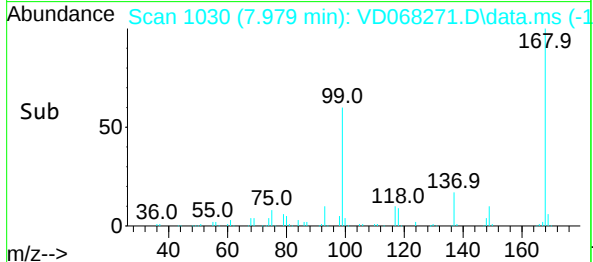
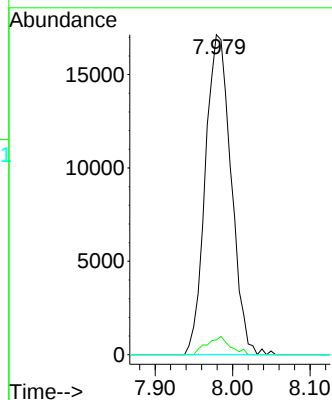


#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

Instrument :
MSVOA_D
ClientSampleId :
OU421-010-0510

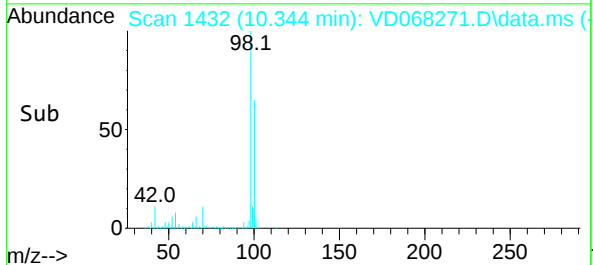
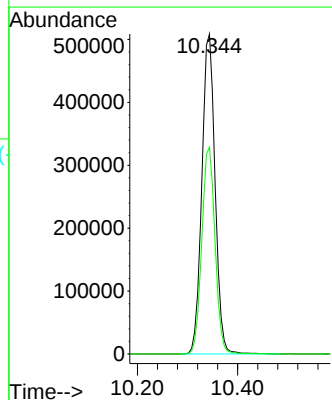
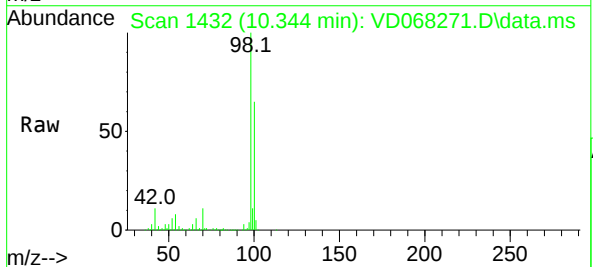


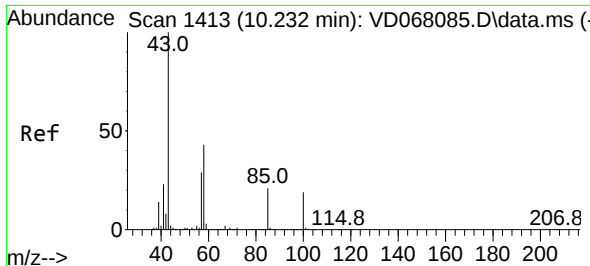
Tgt Ion:117 Resp: 39565
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.67 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

Tgt Ion: 98 Resp: 930700
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4

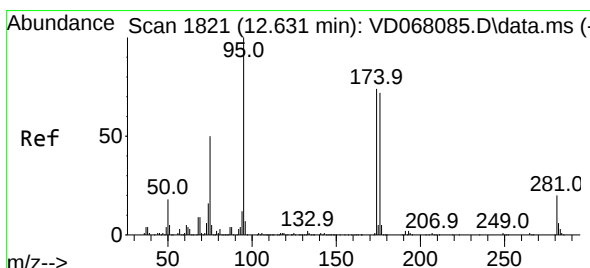
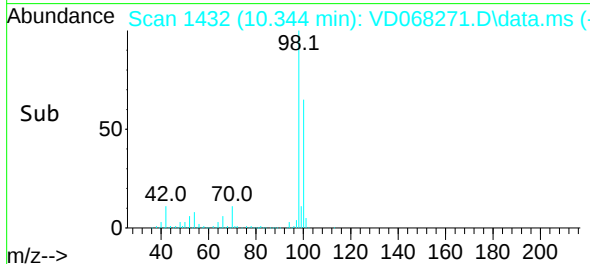
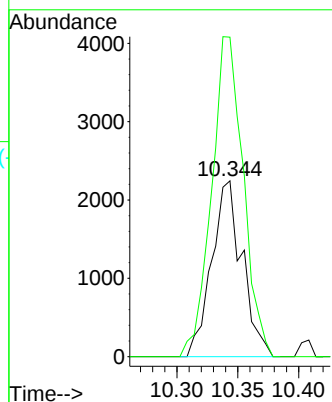
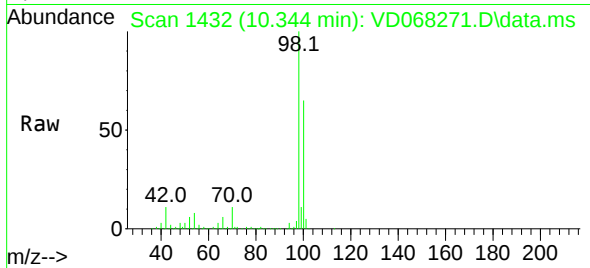




#51
4-Methyl-2-Pentanone
Concen: 1.52 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

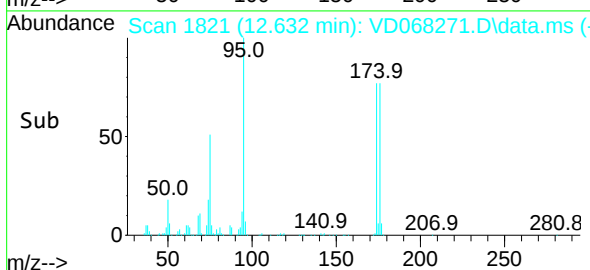
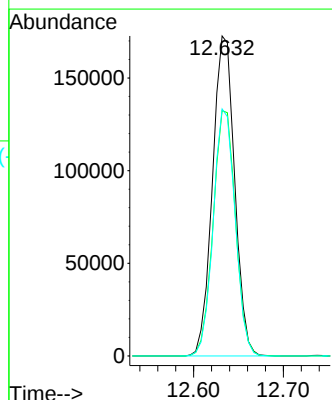
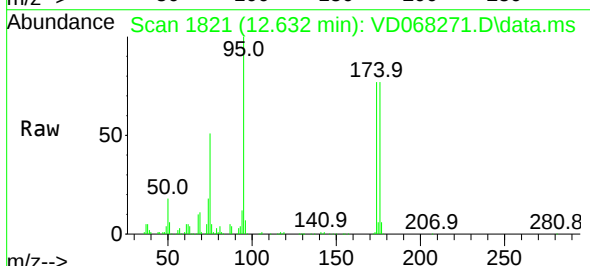
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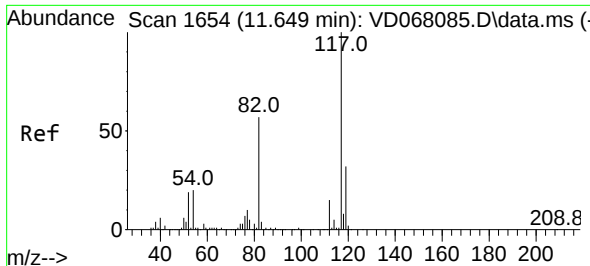
Tgt Ion: 43 Resp: 3902
Ion Ratio Lower Upper
43 100
58 189.5 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 50.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

Tgt Ion: 95 Resp: 296083
Ion Ratio Lower Upper
95 100
174 77.2 0.0 172.4
176 76.2 0.0 168.4

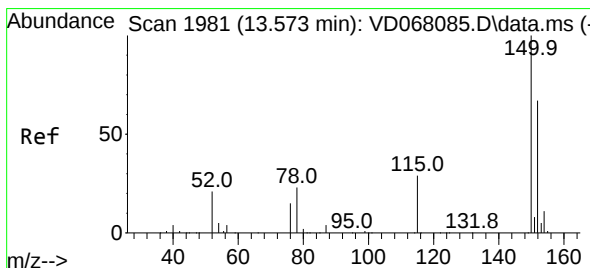
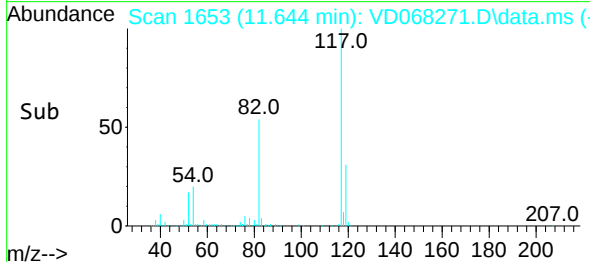
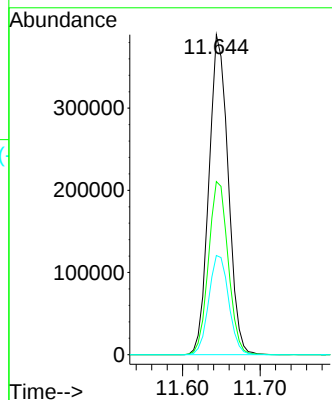
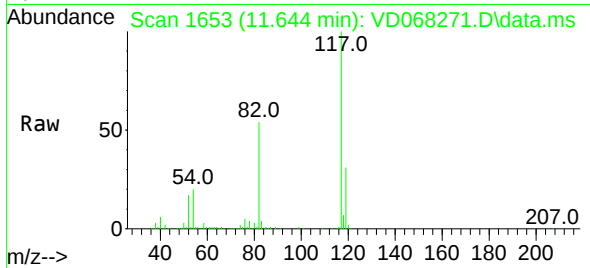




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

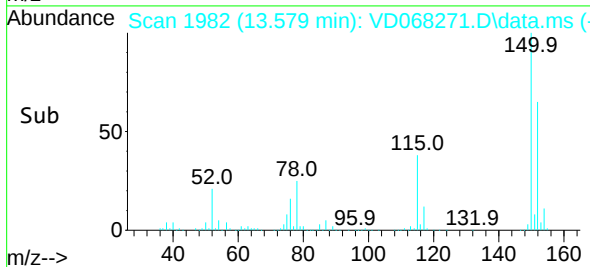
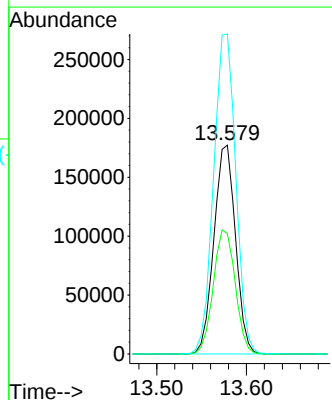
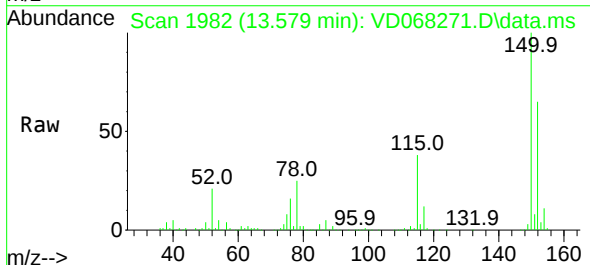
Instrument :
MSVOA_D
ClientSampleId :
OU421-010-0510

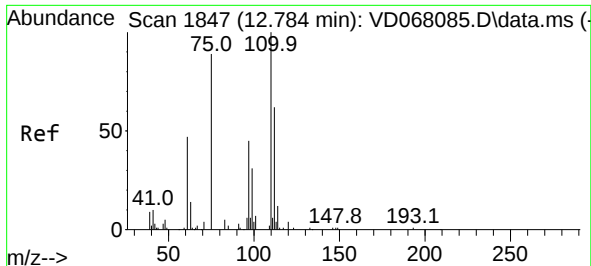
Tgt Ion:	117	Resp:	671765
Ion Ratio	Lower	Upper	
117	100		
82	54.1	41.4	62.0
119	31.0	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

Tgt Ion:	152	Resp:	296165
Ion Ratio	Lower	Upper	
152	100		
115	60.4	28.9	86.8
150	157.4	0.0	344.4

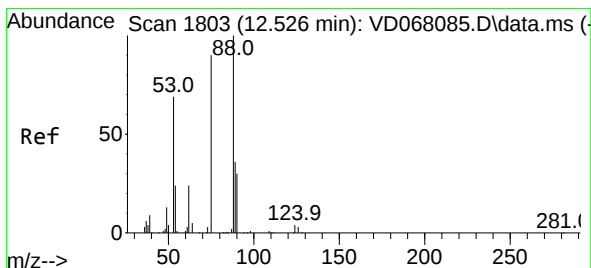
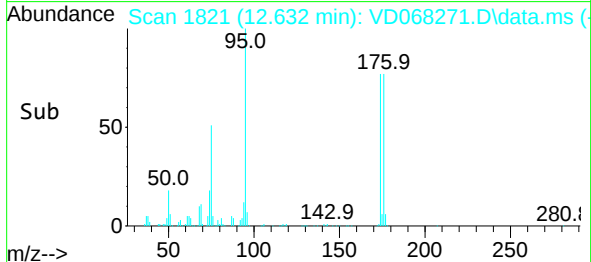
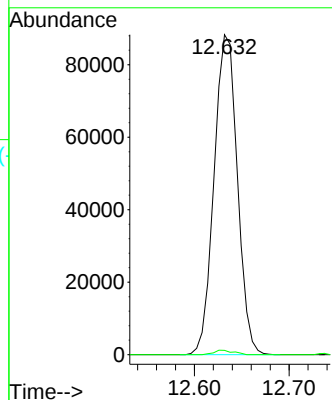
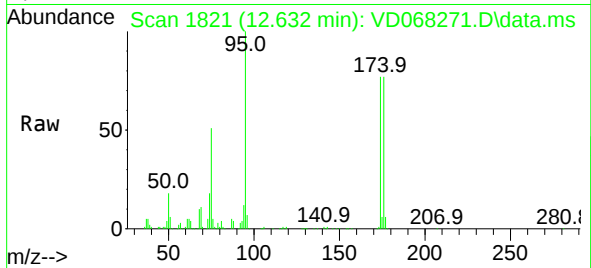




#76
1,2,3-Trichloropropane
Concen: 52.75 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

Instrument :
MSVOA_D
ClientSampleId :
OU421-010-0510

Tgt Ion: 75 Resp: 151050
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.74 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068271.D
Acq: 03 Feb 2021 19:07

Tgt Ion: 75 Resp: 151050
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

