

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068528.D
 Acq On : 04 Mar 2021 16:33
 Operator : VA/SY
 Sample : M1565-03
 Misc : 5.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 05 00:02:42 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)

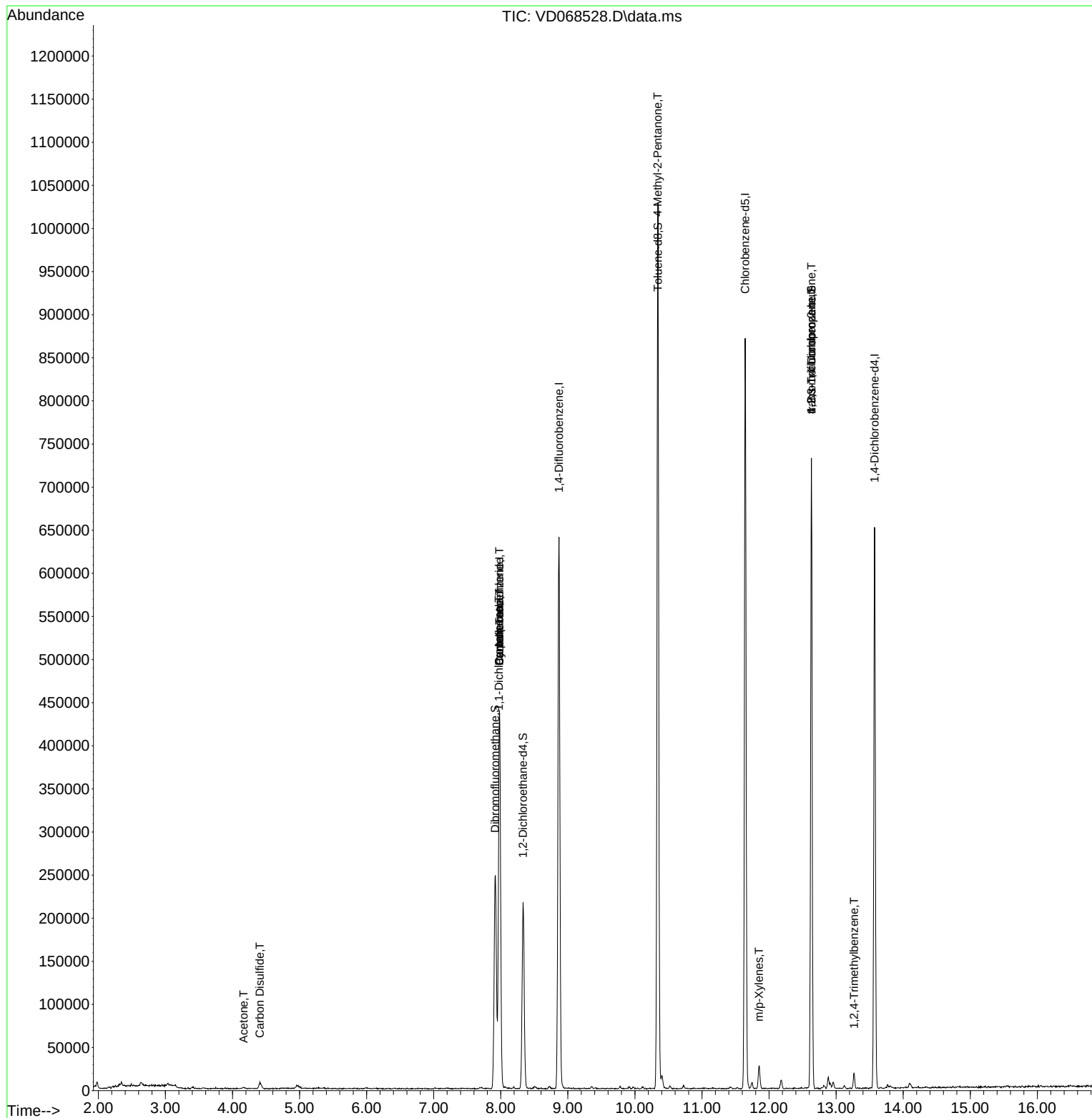
Internal Standards						
1) Pentafluorobenzene	7.979	168	339440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	587597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	521422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	175979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	168766	49.76	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.52%			
35) Dibromofluoromethane	7.914	113	183598	51.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.74%			
50) Toluene-d8	10.343	98	714330	50.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.34%			
62) 4-Bromofluorobenzene	12.632	95	199334	43.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.74%			
Target Compounds					Qvalue	
16) Acetone	4.167	43	2514	4.67	ug/l #	79
17) Carbon Disulfide	4.408	76	14588	1.31	ug/l #	93
20) Methylene Chloride	4.967	84	1669	Below Cal	#	93
31) Cyclohexane	7.979	56	7264	1.18	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	24818	4.44	ug/l #	46
38) Carbon Tetrachloride	7.979	117	33606	6.40	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	2534	1.42	ug/l #	1
68) m/p-Xylenes	11.849	106	8297	1.15	ug/l	99
76) 1,2,3-Trichloropropane	12.632	75	100845	64.55	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	100845	150.64	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.267	105	10883	1.02	ug/l	97

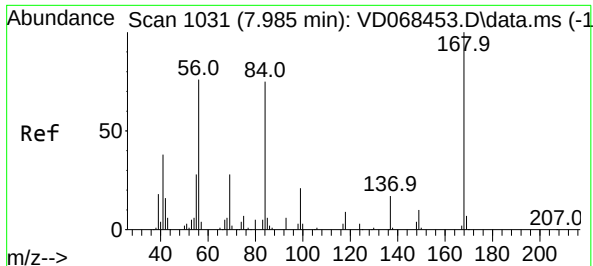
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

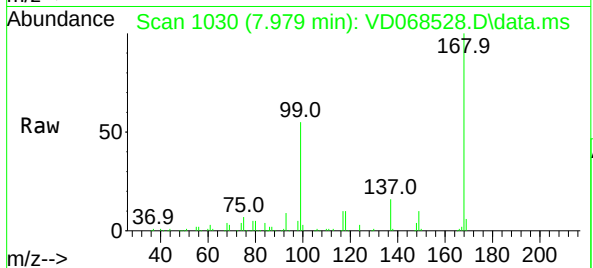
Quant Time: Mar 05 00:02:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
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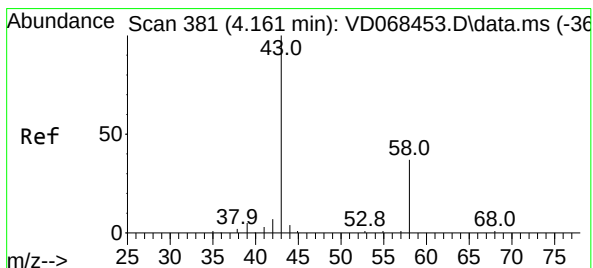
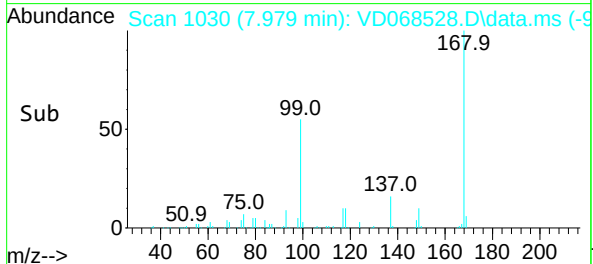
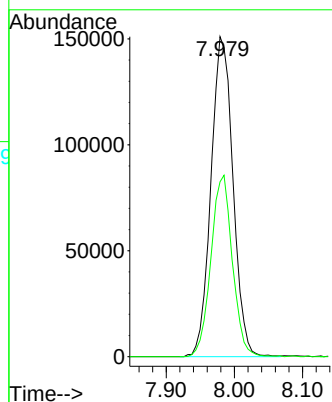


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

Instrument :
MSVOA_D
ClientSampled :

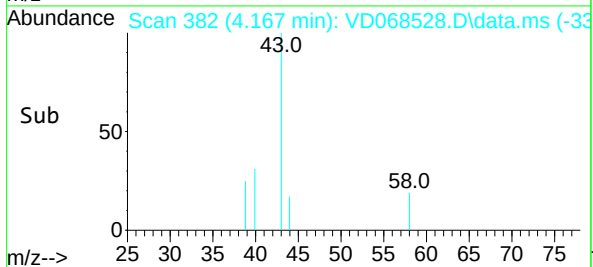
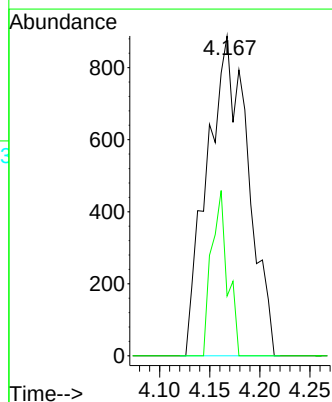
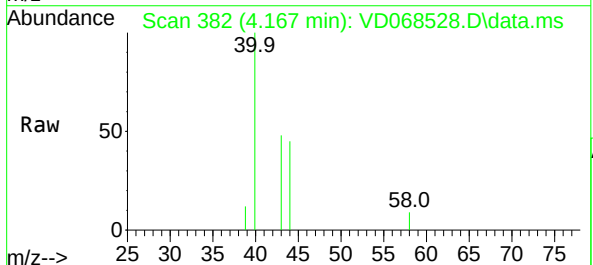


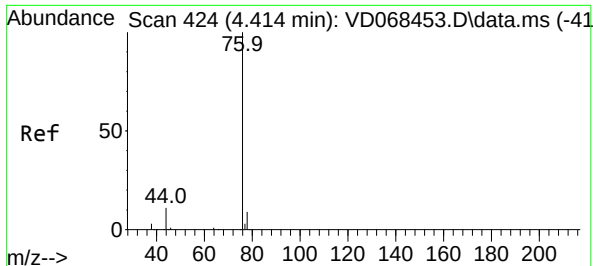
Tgt Ion:168 Resp: 339440
Ion Ratio Lower Upper
168 100
99 54.7 43.5 65.3



#16
Acetone
Concen: 4.67 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

Tgt Ion: 43 Resp: 2514
Ion Ratio Lower Upper
43 100
58 18.7 24.2 36.4#

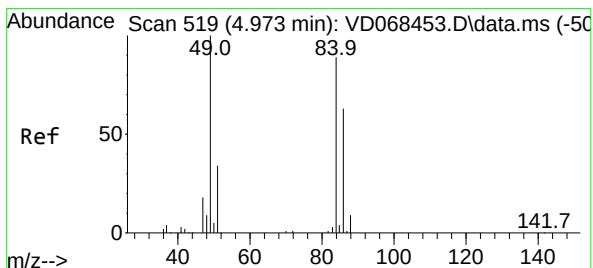
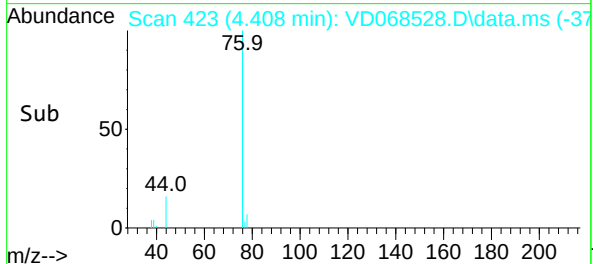
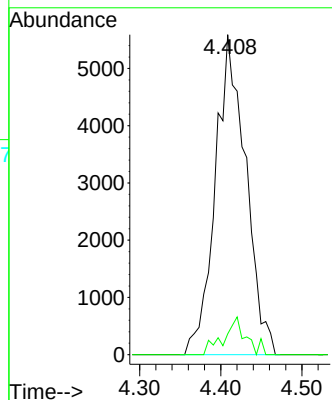
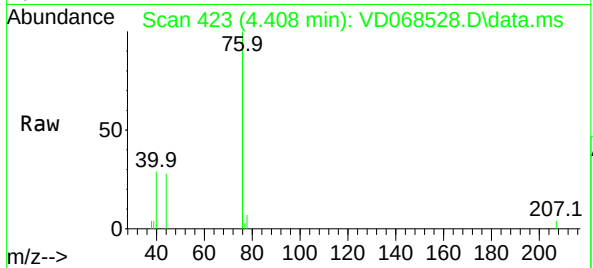




#17
Carbon Disulfide
Concen: 1.31 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

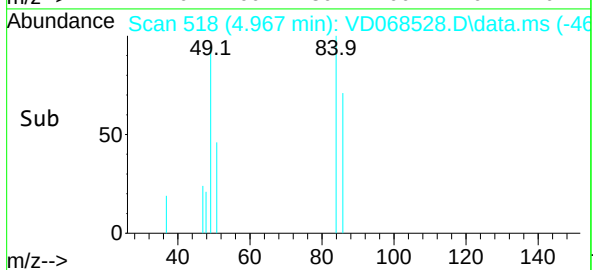
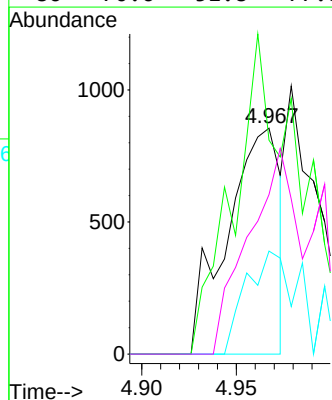
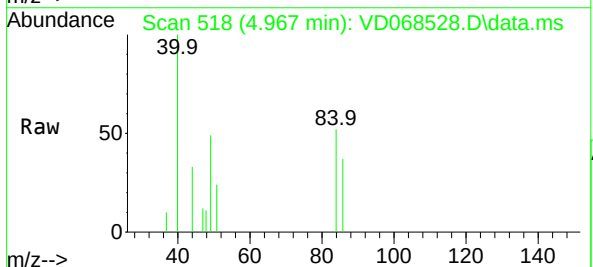
Instrument :
MSVOA_D
ClientSampled :

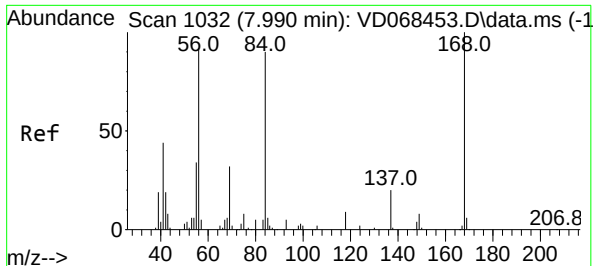
Tgt Ion: 76 Resp: 14588
Ion Ratio Lower Upper
76 100
78 6.5 7.3 10.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

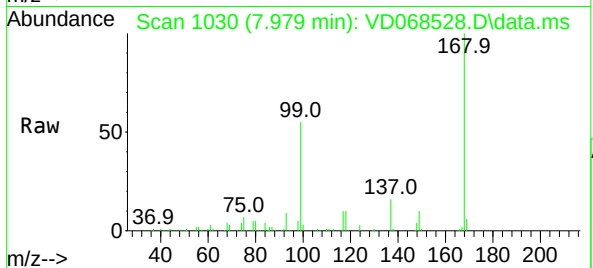
Tgt Ion: 84 Resp: 1669
Ion Ratio Lower Upper
84 100
49 94.7 77.4 116.2
51 45.6 26.1 39.1#
86 70.6 51.8 77.8



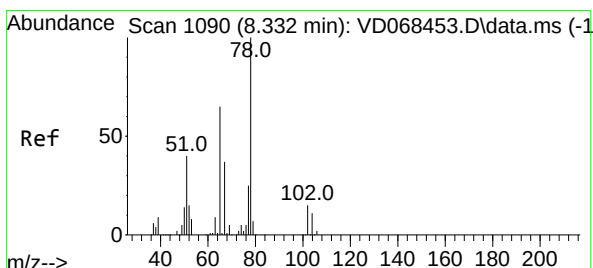
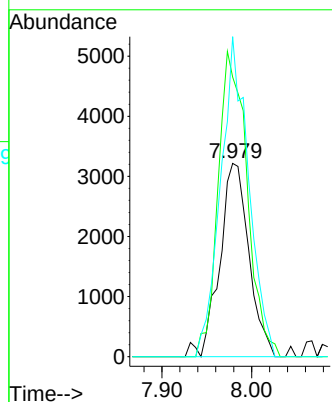
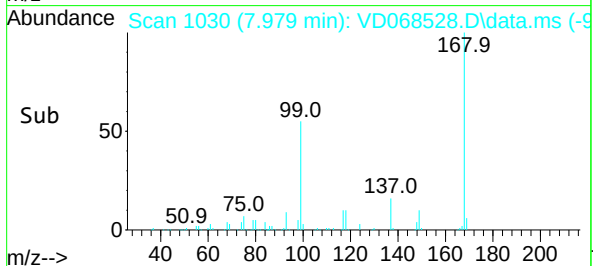


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

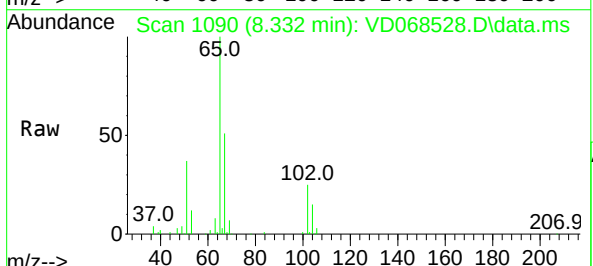
Instrument :
MSVOA_D
ClientSampled :



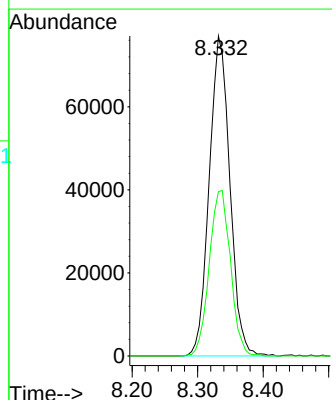
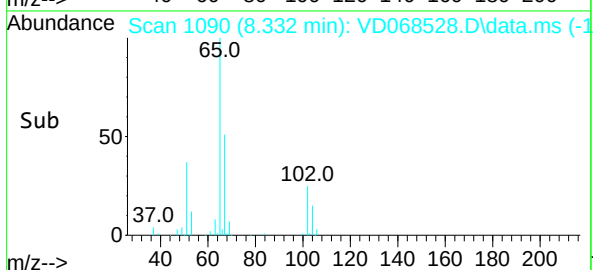
Tgt Ion: 56 Resp: 7264
Ion Ratio Lower Upper
56 100
69 144.6 30.1 45.1#
84 174.2 82.1 123.1#

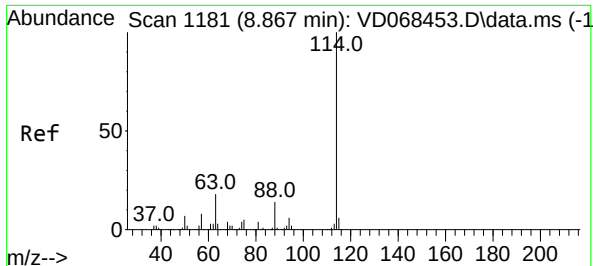


#33
1,2-Dichloroethane-d4
Concen: 49.76 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33



Tgt Ion: 65 Resp: 168766
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0



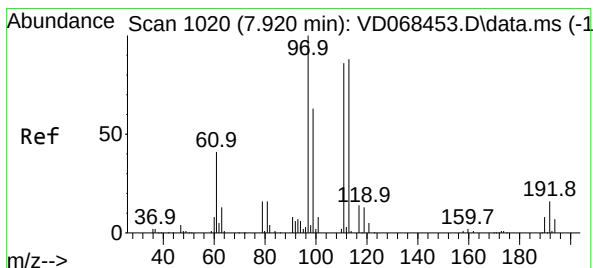
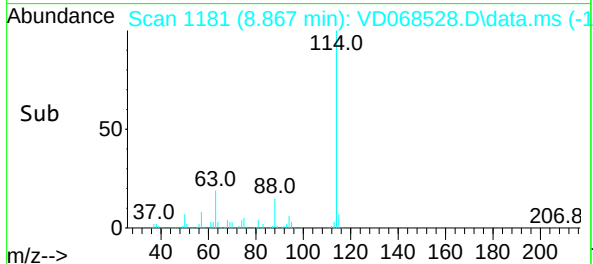
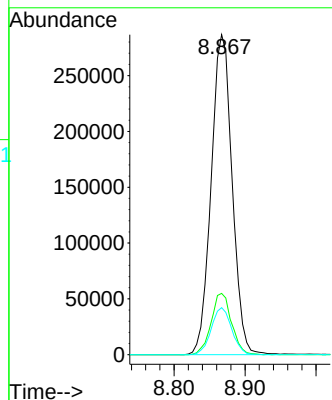
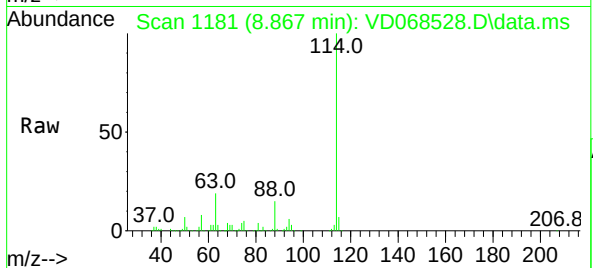


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

Instrument :
MSVOA_D
ClientSampled :

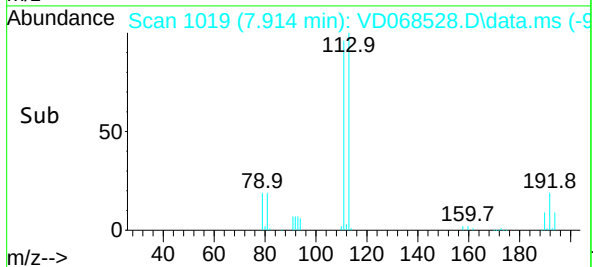
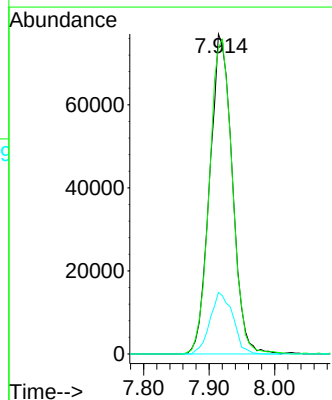
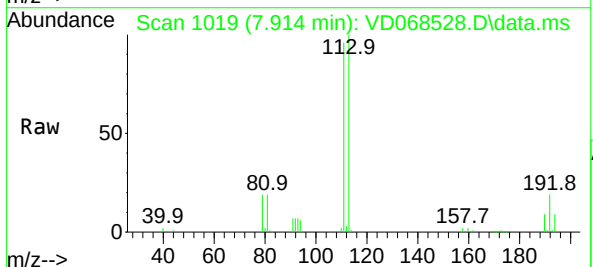
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	34.8
88	14.7	0.0	31.6

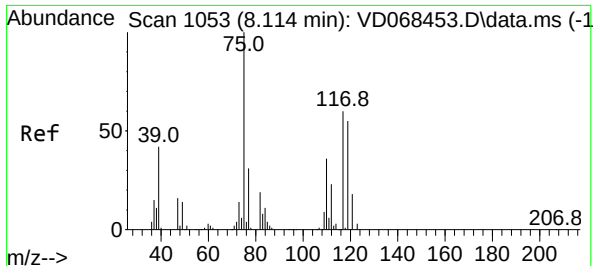


#35

Dibromofluoromethane
Concen: 51.87 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.4	122.0
192	19.4	16.1	24.1

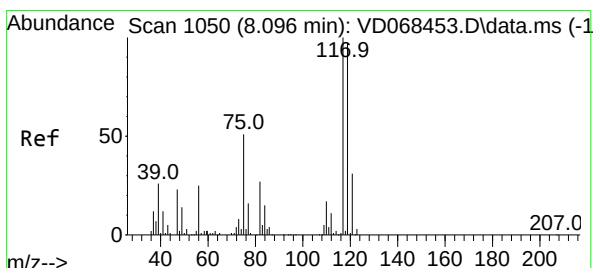
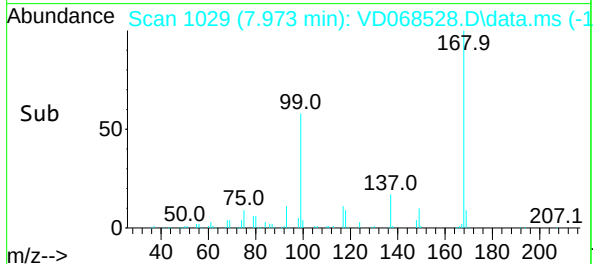
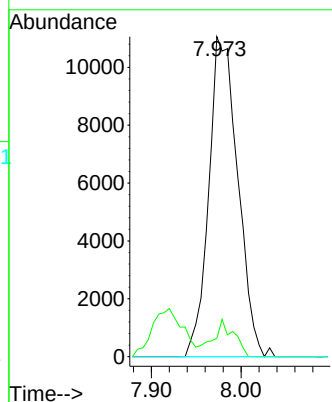
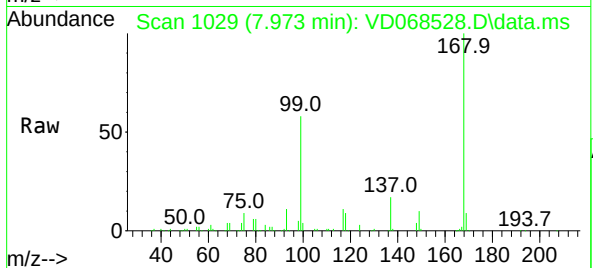




#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

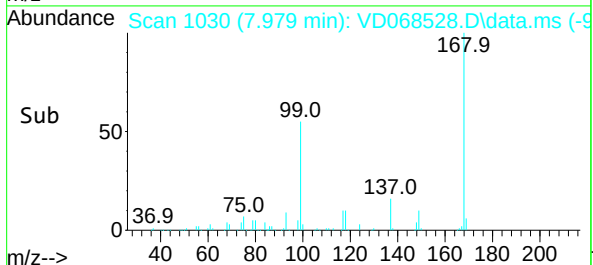
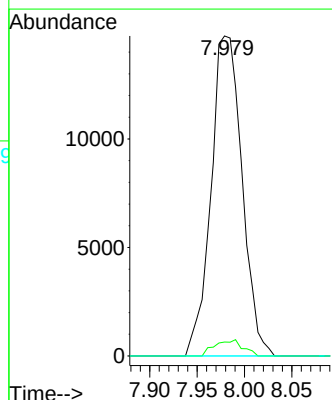
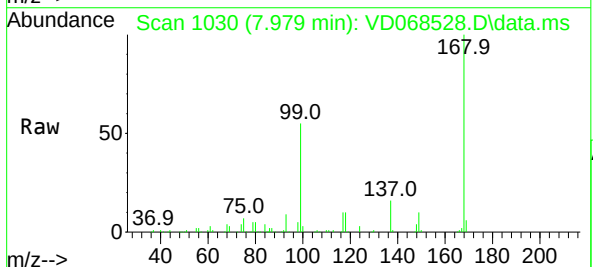
Instrument :
MSVOA_D
ClientSampled :

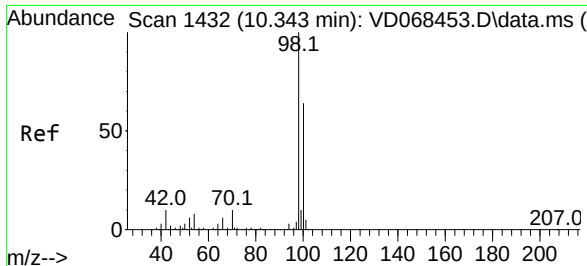
Tgt Ion: 75 Resp: 24818
Ion Ratio Lower Upper
75 100
110 7.9 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

Tgt Ion: 117 Resp: 33606
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.7 37.1#

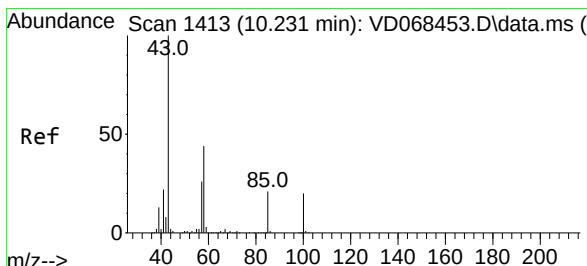
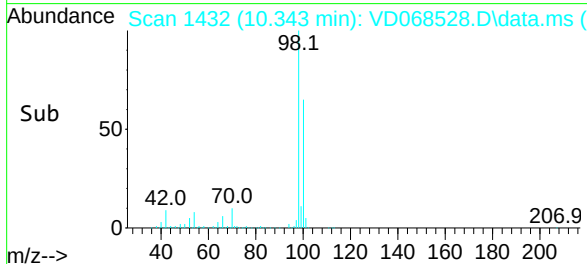
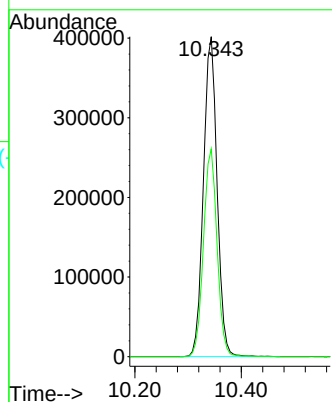
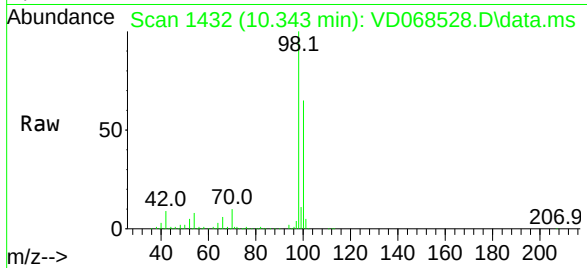




#50
Toluene-d8
Concen: 50.67 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

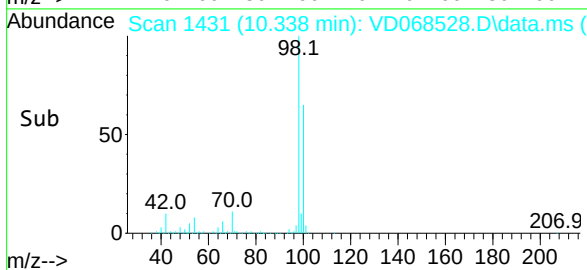
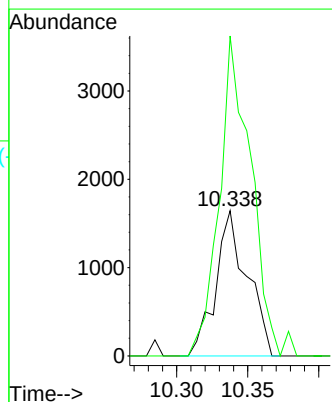
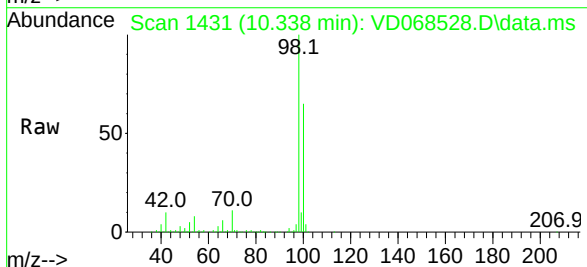
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MSVOA_D
ClientSampled :

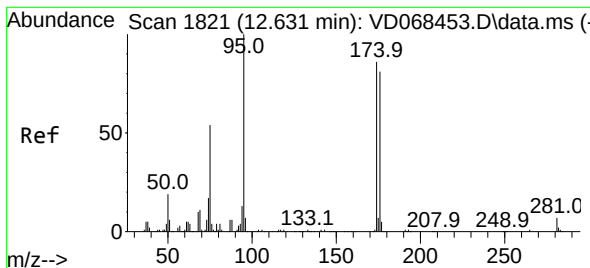
Tgt Ion: 98 Resp: 714330
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.42 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

Tgt Ion: 43 Resp: 2534
Ion Ratio Lower Upper
43 100
58 222.8 36.1 54.1#

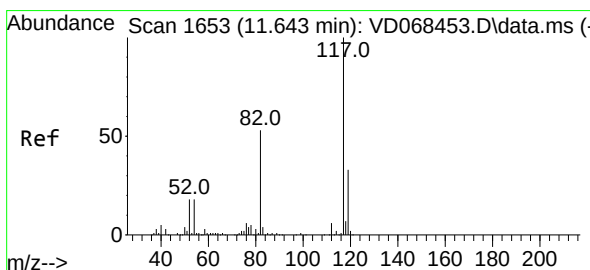
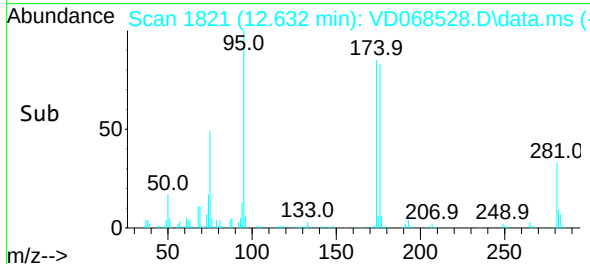
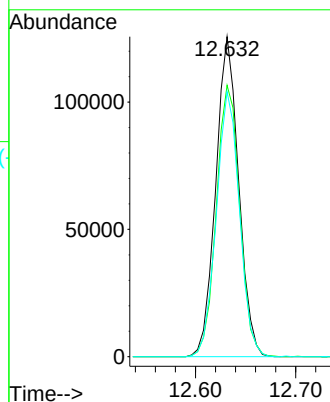
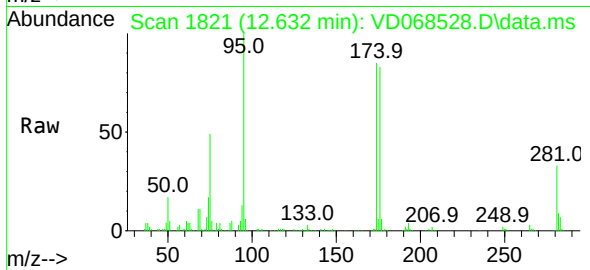




#62
4-Bromofluorobenzene
Concen: 43.87 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

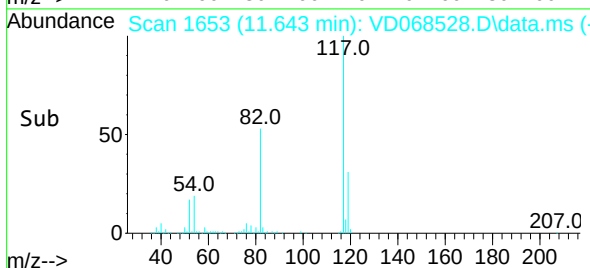
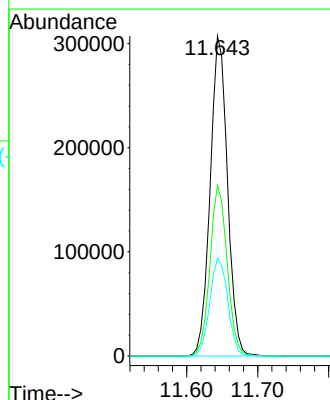
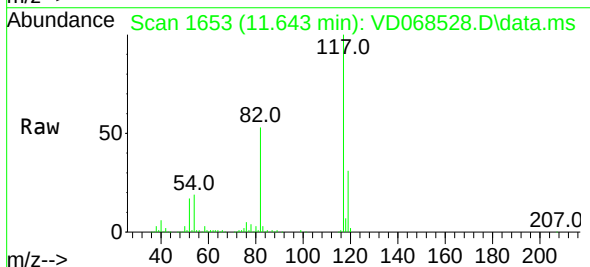
Instrument :
MSVOA_D
ClientSampleId :

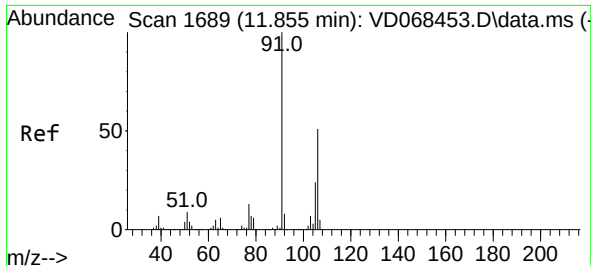
Tgt Ion: 95 Resp: 199334
Ion Ratio Lower Upper
95 100
174 86.4 0.0 172.4
176 83.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

Tgt Ion: 117 Resp: 521422
Ion Ratio Lower Upper
117 100
82 53.3 41.4 62.0
119 30.7 26.1 39.1

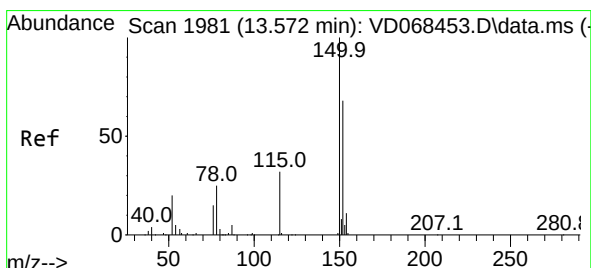
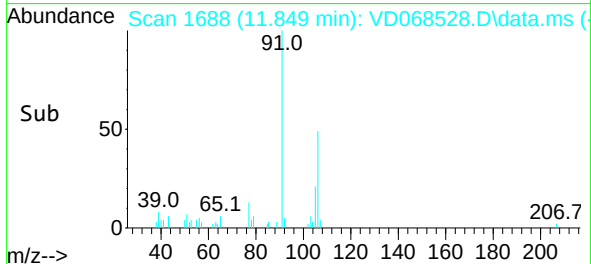
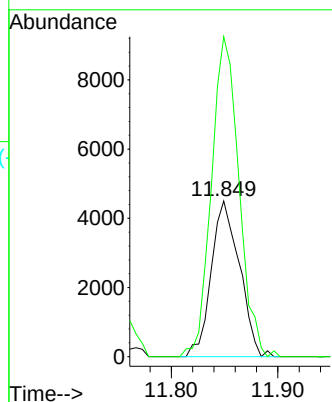
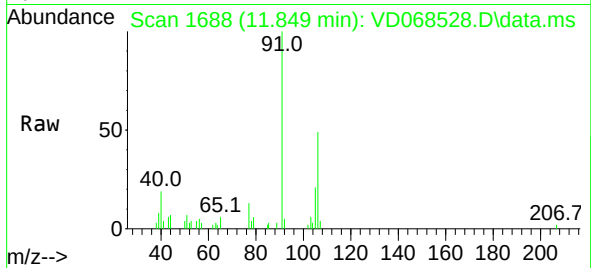




#68
m/p-Xylenes
Concen: 1.15 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

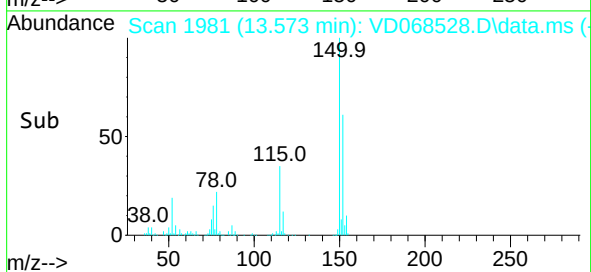
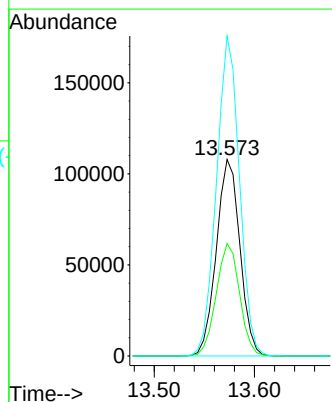
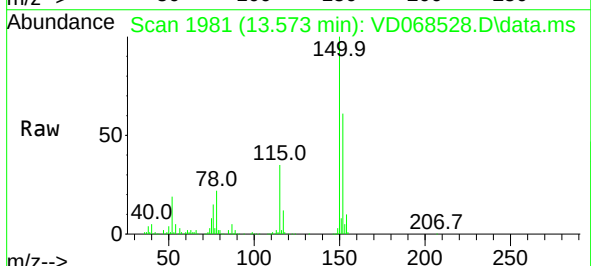
Instrument :
MSVOA_D
ClientSampleId :

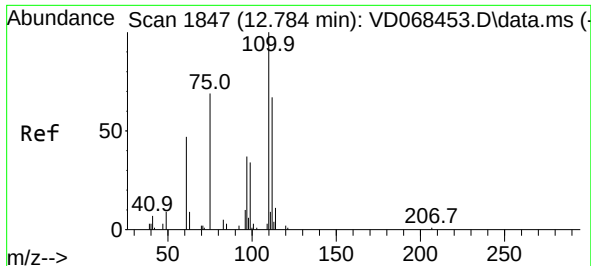
Tgt Ion:106 Resp: 8297
Ion Ratio Lower Upper
106 100
91 199.8 159.1 238.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

Tgt Ion:152 Resp: 175979
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.8
150 158.8 0.0 344.4

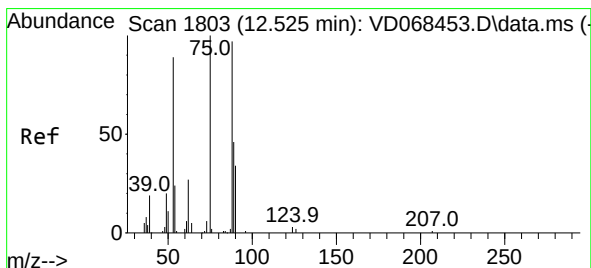
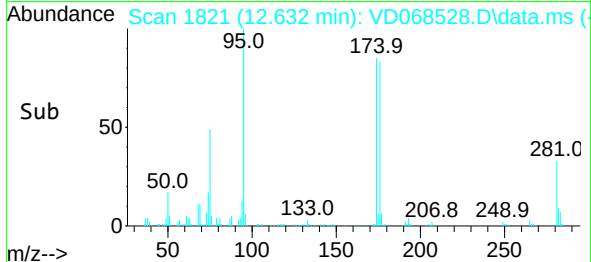
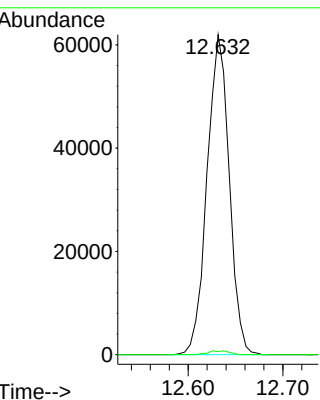
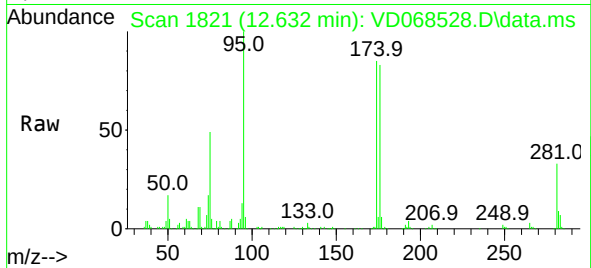




#76
1,2,3-Trichloropropane
Concen: 64.55 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

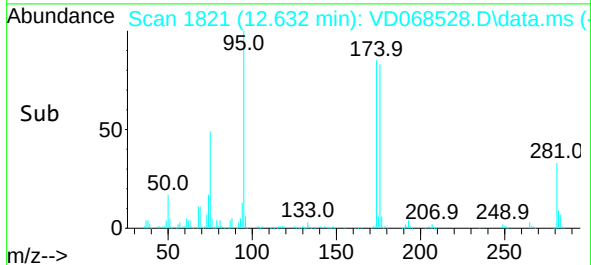
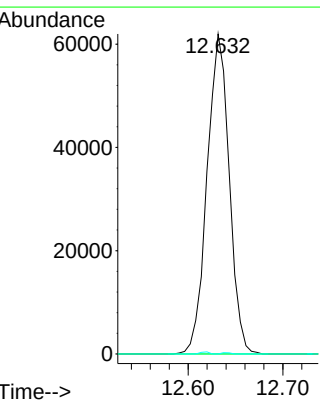
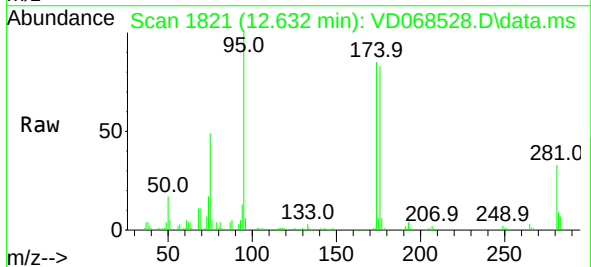
Instrument :
MSVOA_D
ClientSampled :

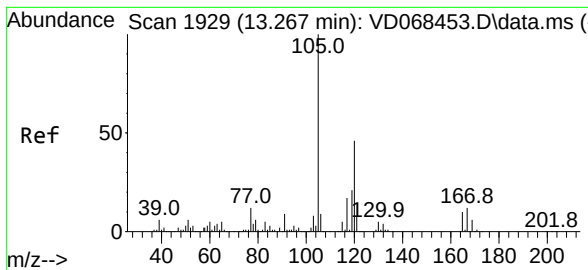
Tgt Ion: 75 Resp: 100845
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 150.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068528.D
Acq: 04 Mar 2021 16:33

Tgt Ion: 75 Resp: 100845
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.2 40.3 60.5#





#84
 1,2,4-Trimethylbenzene
 Concen: 1.02 ug/l
 RT: 13.267 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: VD068528.D
 Acq: 04 Mar 2021 16:33

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:105 Resp: 10883
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.4 67.0

