

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068686.D
 Acq On : 26 Mar 2021 16:04
 Operator : VA/SY
 Sample : M1821-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 27 00:44:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

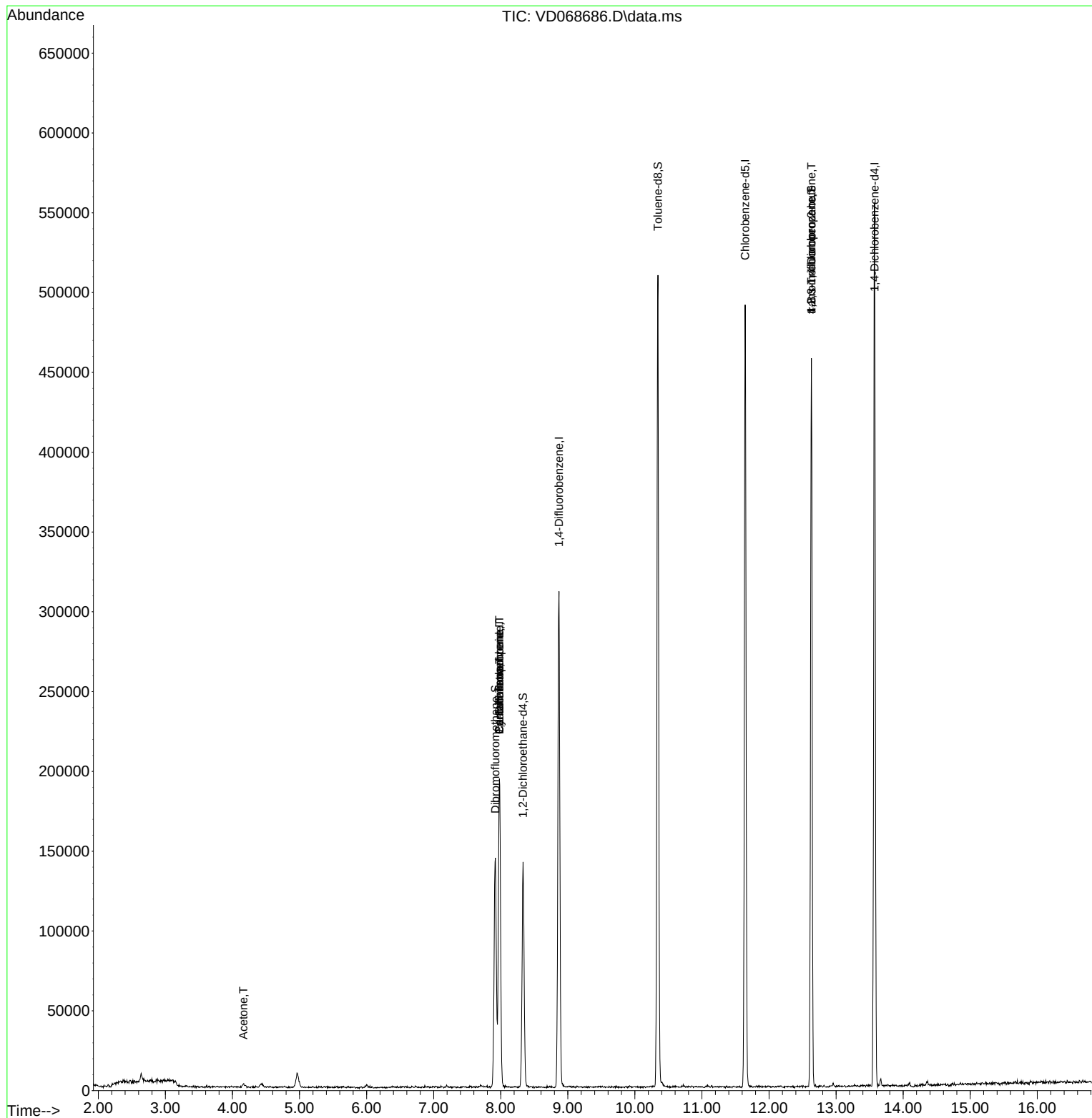
Internal Standards						
1) Pentafluorobenzene	7.979	168	150346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	285941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	300439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	154280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	106687	70.37	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.74%			
35) Dibromofluoromethane	7.920	113	105625	59.37	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.74%			
50) Toluene-d8	10.344	98	362465	52.84	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.68%			
62) 4-Bromofluorobenzene	12.632	95	135453	60.91	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 121.82%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	3594	19.54	ug/l #	66
20) Methylene Chloride	4.973	84	7027	Below Cal	#	86
31) Cyclohexane	7.979	56	2982	1.22	ug/l #	35
36) 1,1-Dichloropropene	7.979	75	11911	4.66	ug/l #	48
38) Carbon Tetrachloride	7.979	117	14591	5.72	ug/l #	21
76) 1,2,3-Trichloropropane	12.632	75	69035	53.76	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	69035	122.31	ug/l #	16

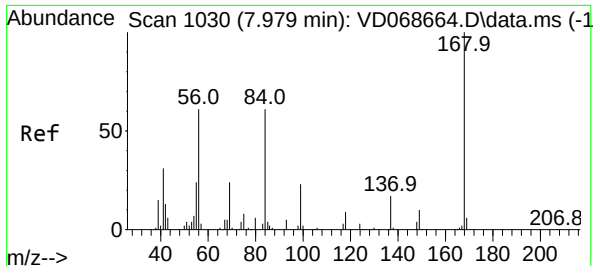
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

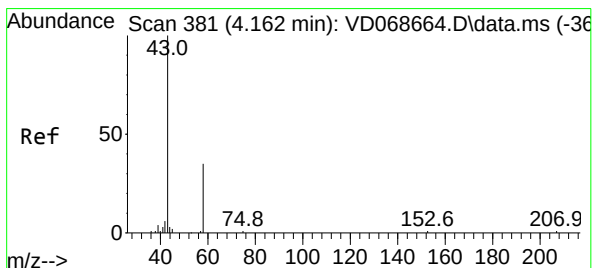
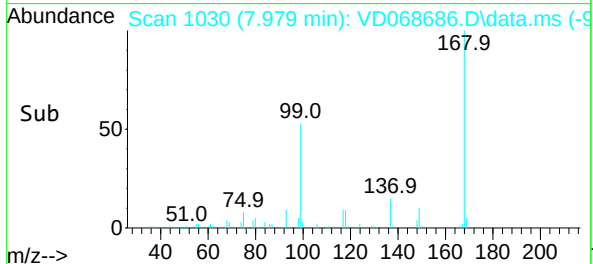
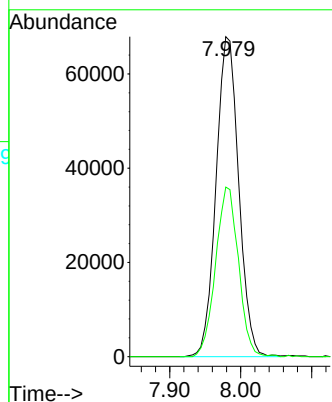
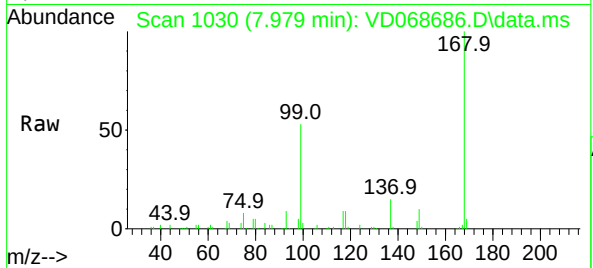




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068686.D
Acq: 26 Mar 2021 16:04

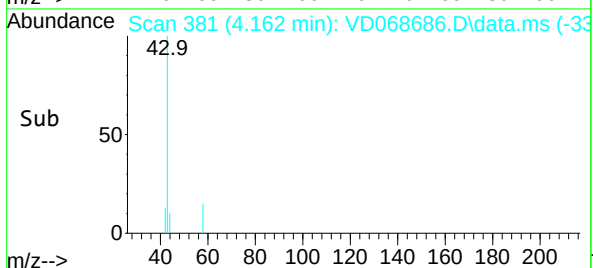
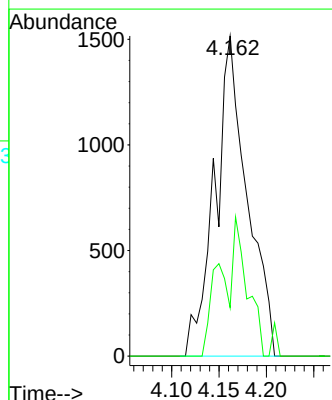
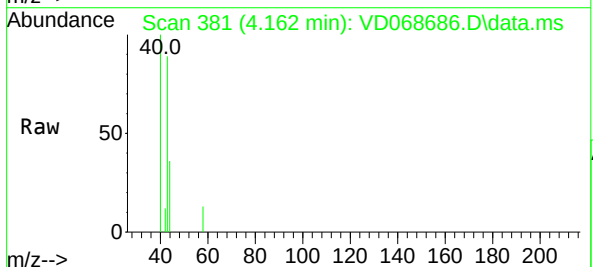
Instrument :
MSVOA_D
ClientSampled :

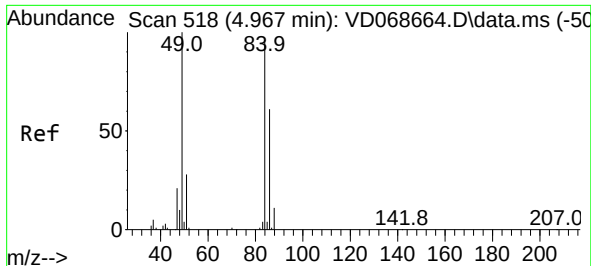
Tgt Ion:168 Resp: 150346
Ion Ratio Lower Upper
168 100
99 53.0 46.2 69.2



#16
Acetone
Concen: 19.54 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068686.D
Acq: 26 Mar 2021 16:04

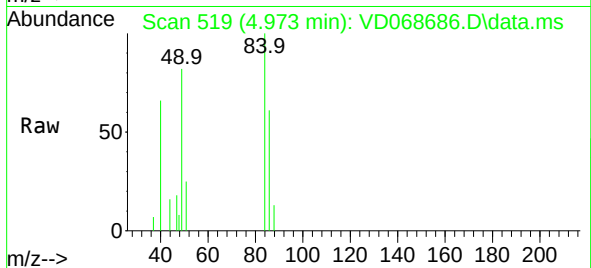
Tgt Ion: 43 Resp: 3594
Ion Ratio Lower Upper
43 100
58 15.1 28.0 42.0#





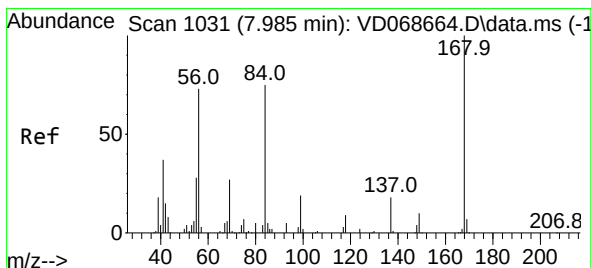
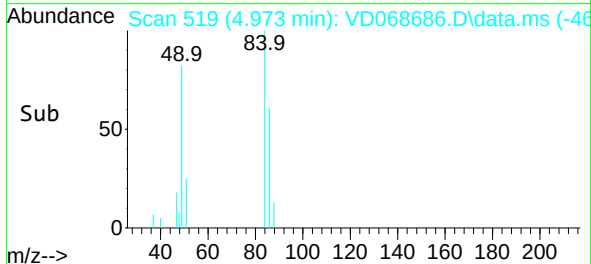
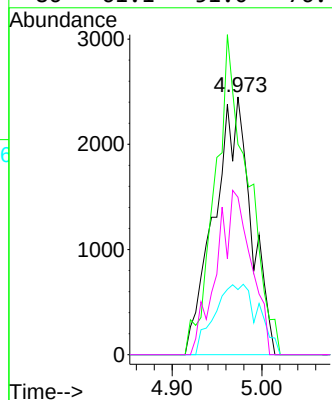
#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD068686.D
Acq: 26 Mar 2021 16:04

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 84 Resp: 7027

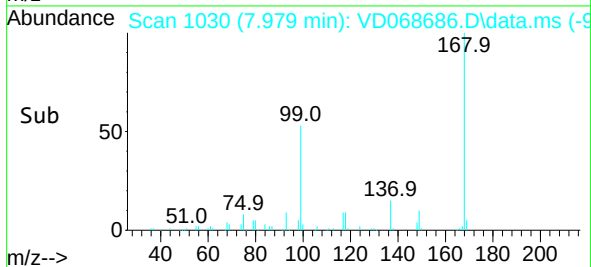
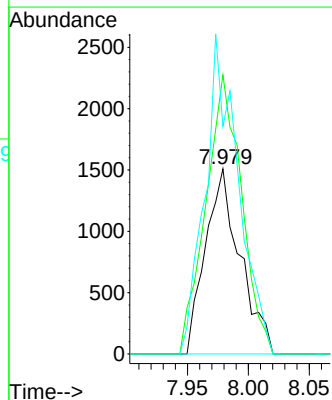
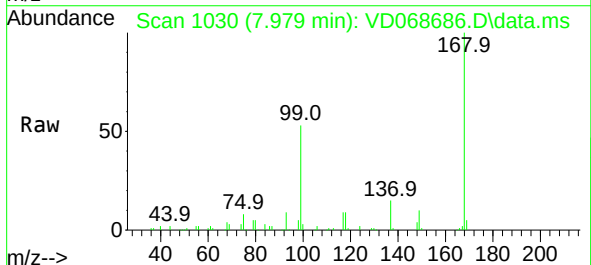
Ion	Ratio	Lower	Upper
84	100		
49	81.6	83.4	125.0#
51	25.3	23.4	35.2
86	61.1	51.0	76.4

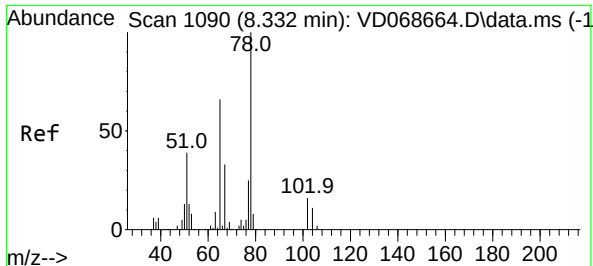


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068686.D
Acq: 26 Mar 2021 16:04

Tgt Ion: 56 Resp: 2982

Ion	Ratio	Lower	Upper
56	100		
69	150.8	30.0	45.0#
84	123.0	82.0	123.0





#33

1,2-Dichloroethane-d4

Concen: 70.37 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD068686.D

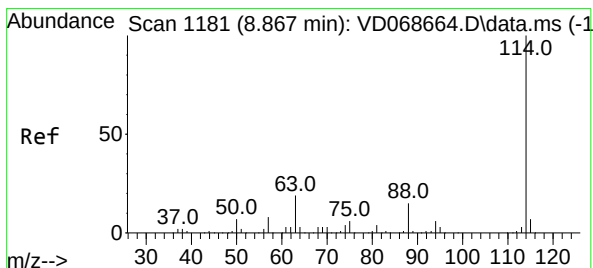
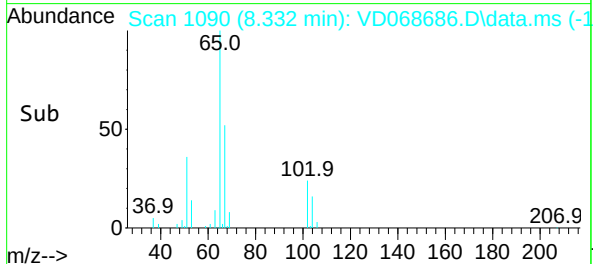
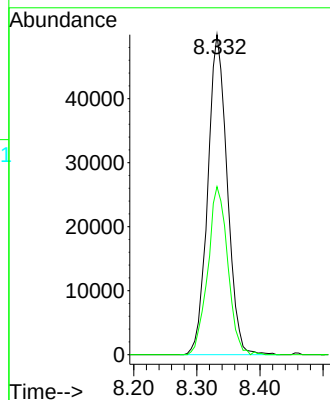
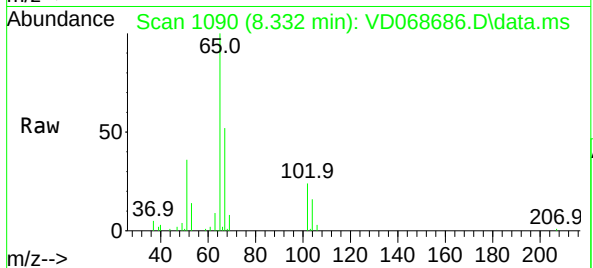
Acq: 26 Mar 2021 16:04

Tgt Ion: 65 Resp: 106687

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VD068686.D

Acq: 26 Mar 2021 16:04

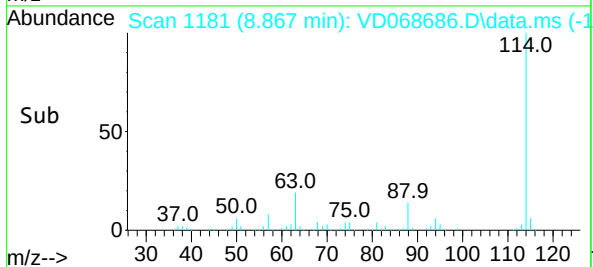
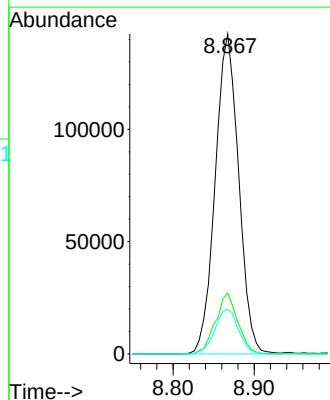
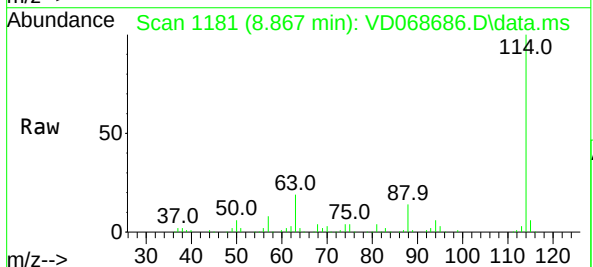
Tgt Ion: 114 Resp: 285941

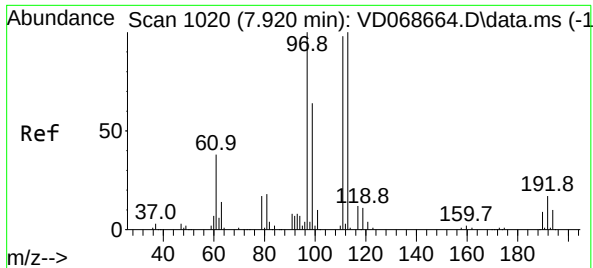
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.2

88 13.9 0.0 29.4

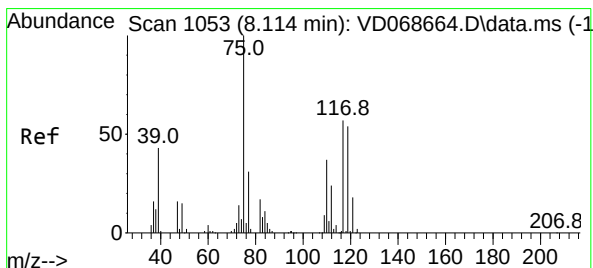
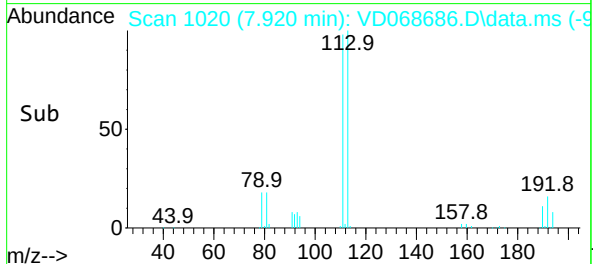
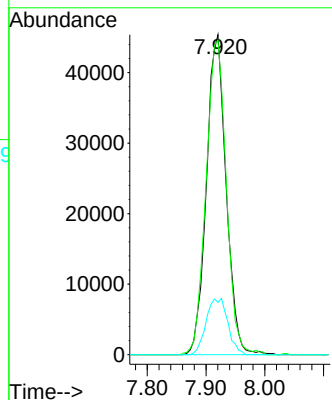
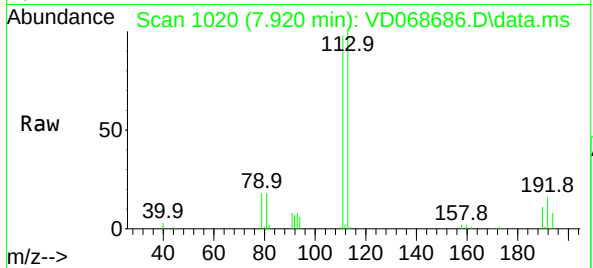




#35
Dibromofluoromethane
Concen: 59.37 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068686.D
Acq: 26 Mar 2021 16:04

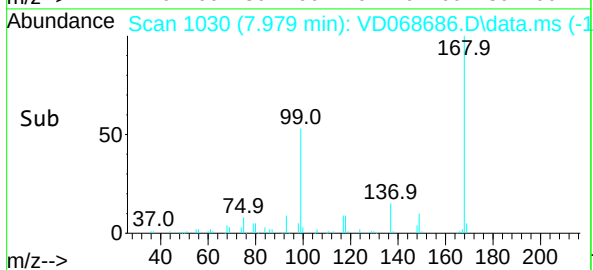
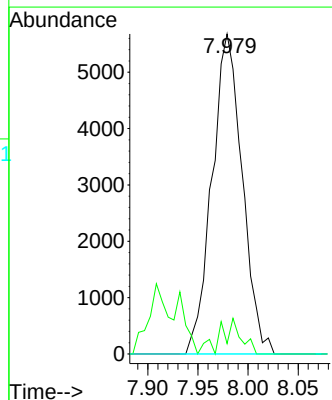
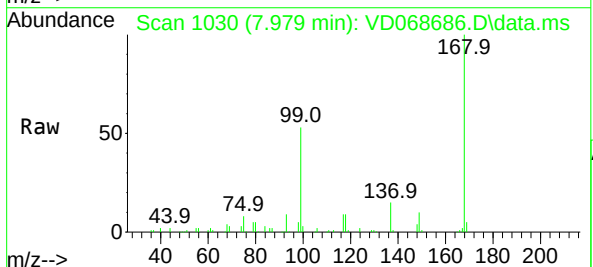
Instrument :
MSVOA_D
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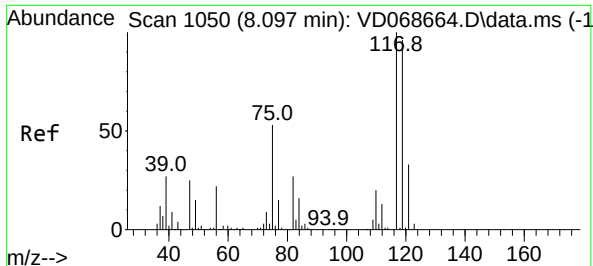
Tgt Ion:113 Resp: 105625
Ion Ratio Lower Upper
113 100
111 101.4 82.5 123.7
192 19.3 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068686.D
Acq: 26 Mar 2021 16:04

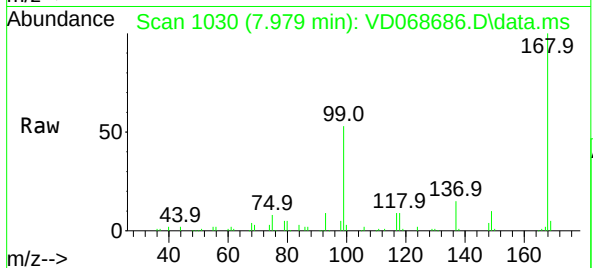
Tgt Ion: 75 Resp: 11911
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 24.7 37.1#



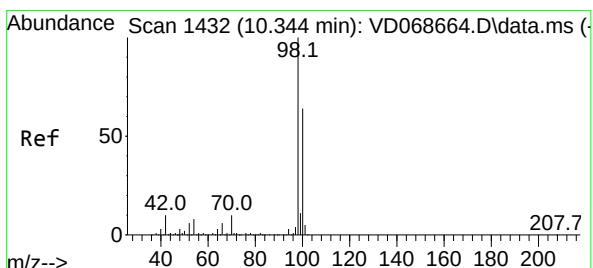
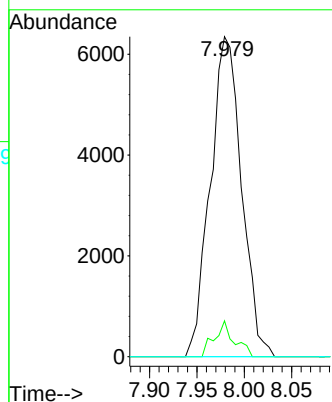
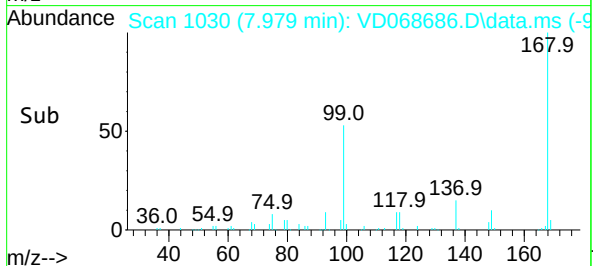


#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068686.D
Acq: 26 Mar 2021 16:04

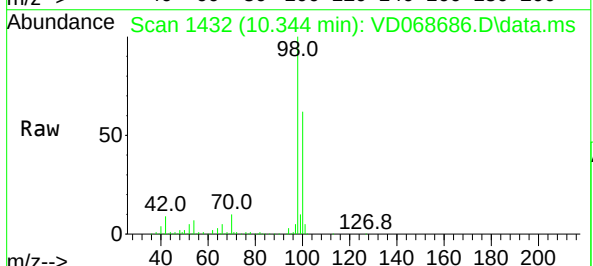
Instrument :
MSVOA_D
ClientSampleId :



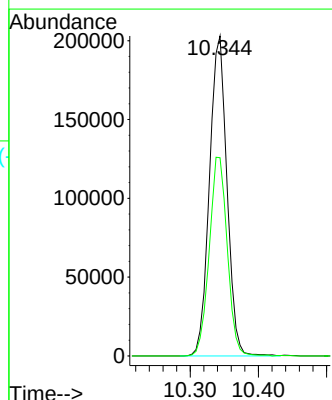
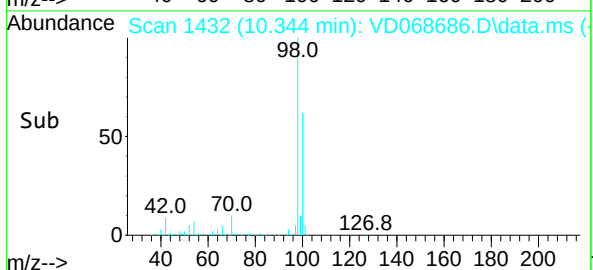
Tgt Ion:117 Resp: 14591
Ion Ratio Lower Upper
117 100
119 11.2 76.6 115.0#
121 0.0 26.1 39.1#

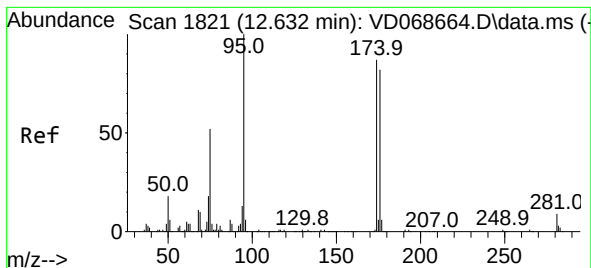


#50
Toluene-d8
Concen: 52.84 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068686.D
Acq: 26 Mar 2021 16:04



Tgt Ion: 98 Resp: 362465
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

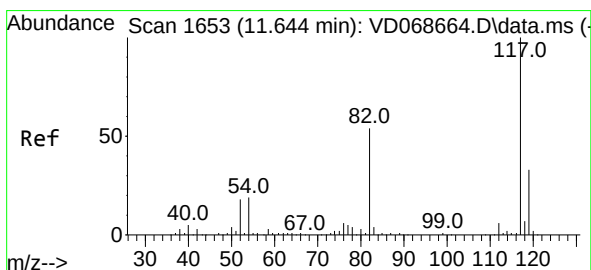
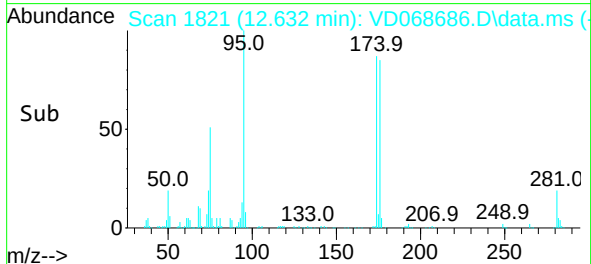
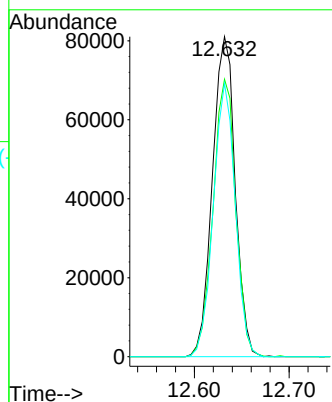
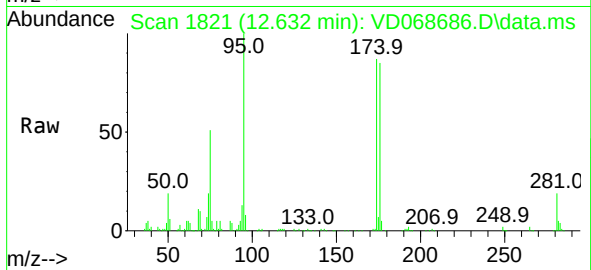




#62
4-Bromofluorobenzene
Concen: 60.91 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068686.D
Acq: 26 Mar 2021 16:04

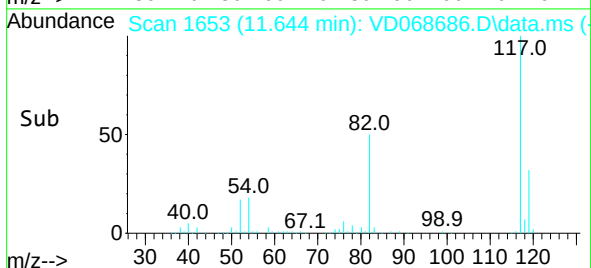
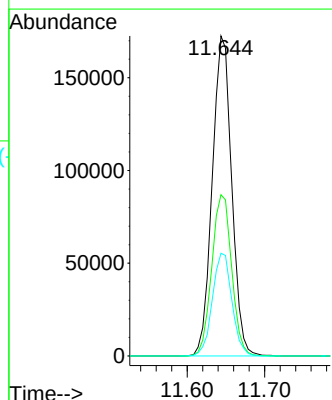
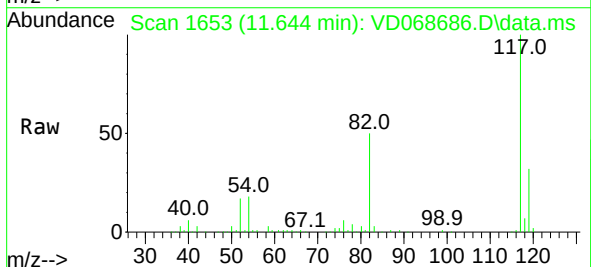
Instrument :
MSVOA_D
ClientSampleId :

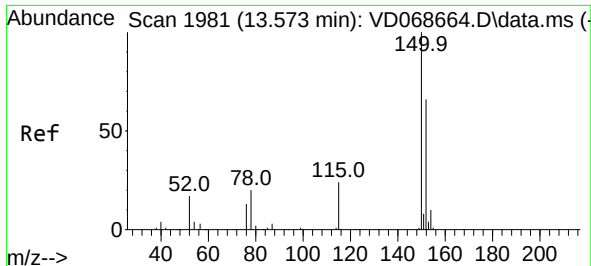
Tgt Ion: 95 Resp: 135453
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.0
176 82.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068686.D
Acq: 26 Mar 2021 16:04

Tgt Ion: 117 Resp: 300439
Ion Ratio Lower Upper
117 100
82 50.4 43.5 65.3
119 32.1 26.7 40.1

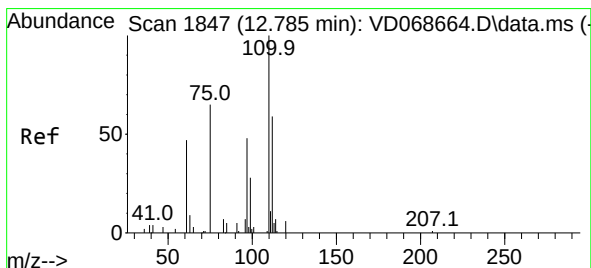
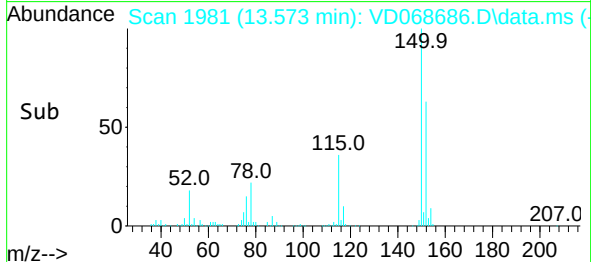
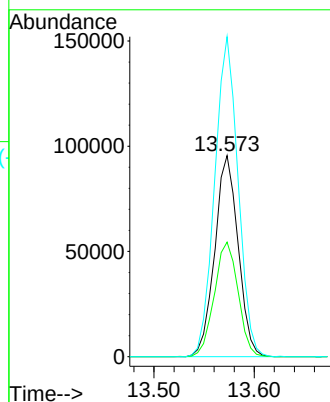
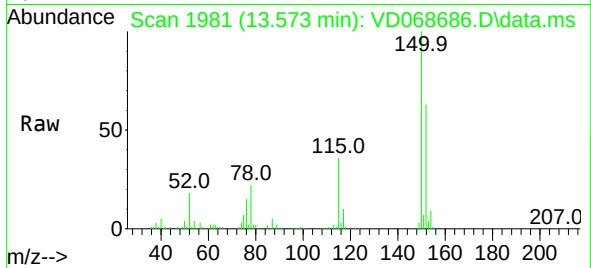




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068686.D
Acq: 26 Mar 2021 16:04

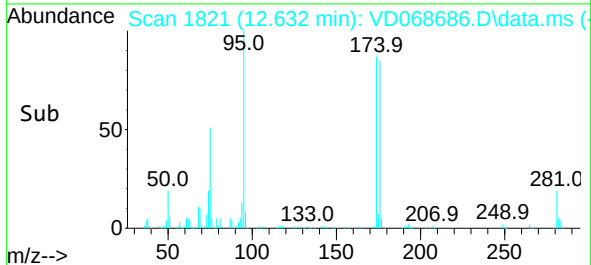
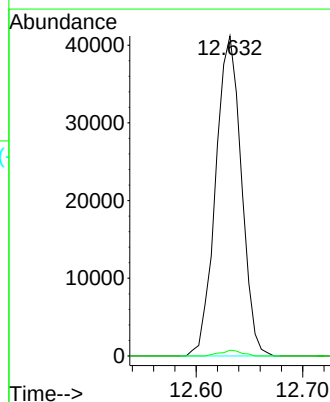
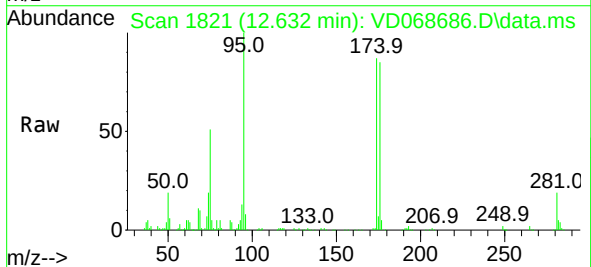
Instrument :
MSVOA_D
ClientSampled :

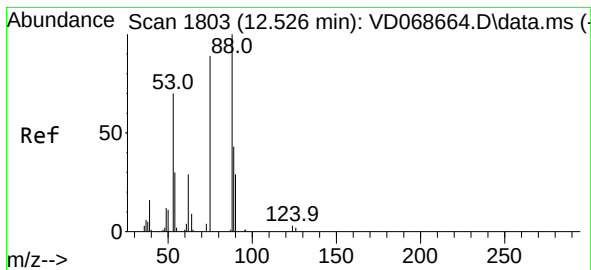
Tgt Ion:152 Resp: 154280
Ion Ratio Lower Upper
152 100
115 58.0 29.3 87.8
150 159.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 53.76 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068686.D
Acq: 26 Mar 2021 16:04

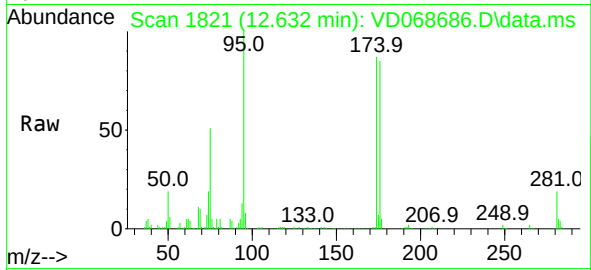
Tgt Ion: 75 Resp: 69035
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.31 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068686.D
 Acq: 26 Mar 2021 16:04

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.3	36.6	54.8#

