

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068981.D
 Acq On : 26 Apr 2021 11:40
 Operator : VA/SY
 Sample : VD0426SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 27 07:11:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

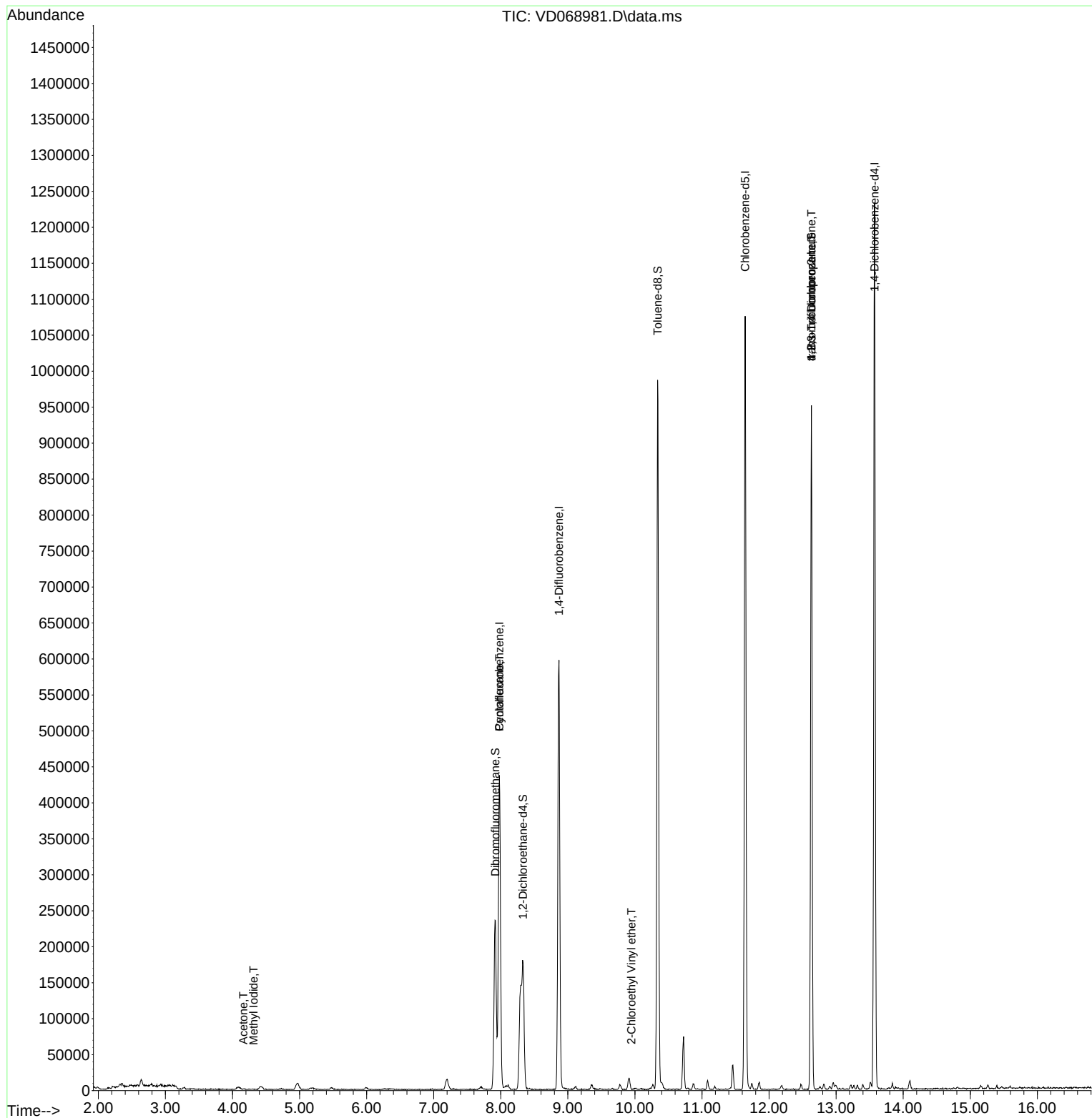
Internal Standards						
1) Pentafluorobenzene	7.979	168	331433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	558302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	649929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	332390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	130165	37.16	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	74.32%		
35) Dibromofluoromethane	7.920	113	171293	47.17	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.34%		
50) Toluene-d8	10.338	98	697849	50.94	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.88%		
62) 4-Bromofluorobenzene	12.632	95	286993	63.08	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	126.16%		
Target Compounds						
10) Methyl Iodide	4.314	142	733	2.42	ug/l #	61
11) Tert butyl alcohol	5.191	59	1646	Below Cal	#	73
16) Acetone	4.162	43	1424	2.94	ug/l #	40
20) Methylene Chloride	4.967	84	8469	Below Cal	#	90
31) Cyclohexane	7.979	56	8754	1.50	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.949	63	366	17.19	ug/l #	44
76) 1,2,3-Trichloropropane	12.632	75	141592	46.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	141592	108.21	ug/l #	16

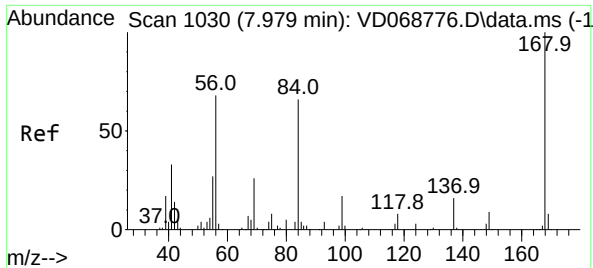
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
Data File : VD068981.D
Acq On : 26 Apr 2021 11:40
Operator : VA/SY
Sample : VD0426SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 27 07:11:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

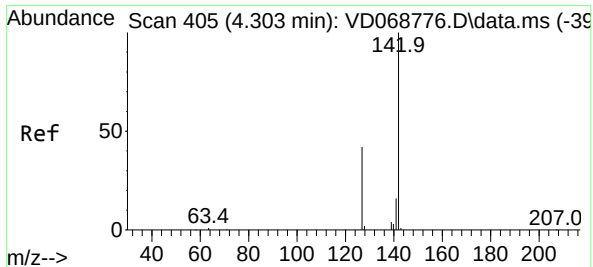
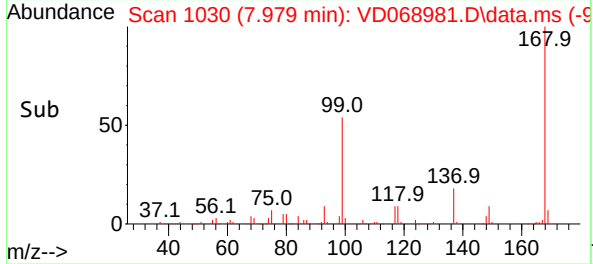
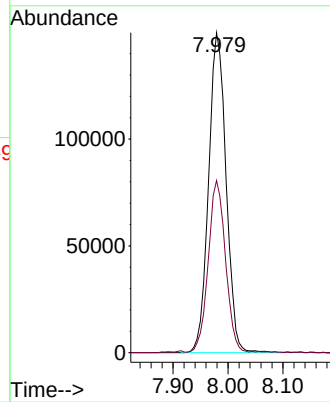
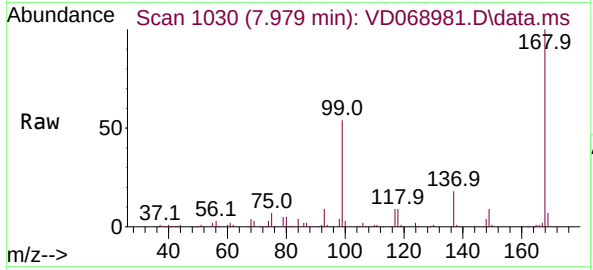




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

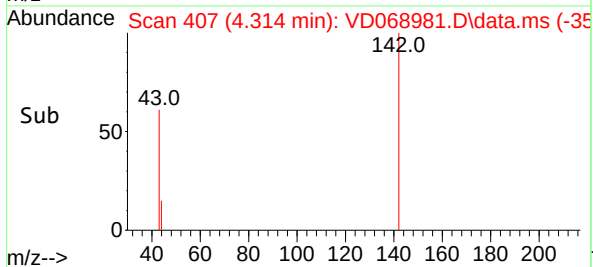
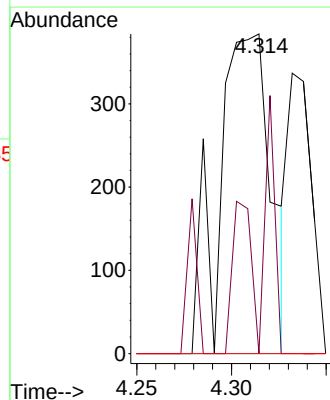
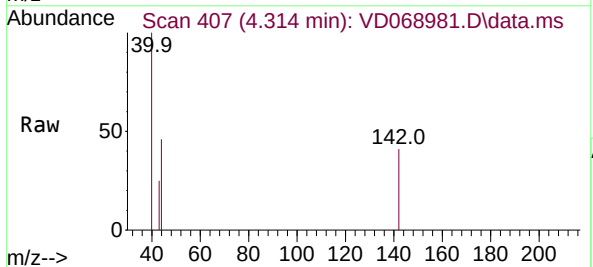
Instrument :
MSVOA_D
ClientSampled :

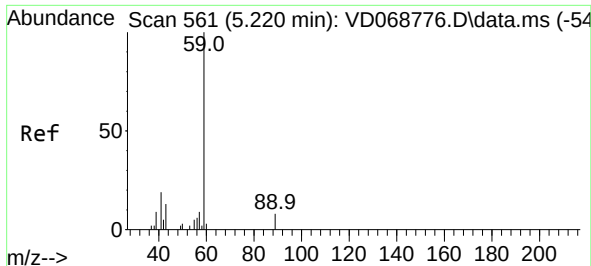
Tgt Ion:168 Resp: 331433
Ion Ratio Lower Upper
168 100
99 53.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.42 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

Tgt Ion:142 Resp: 733
Ion Ratio Lower Upper
142 100
127 17.2 34.7 52.1#
141 0.0 11.0 16.4#



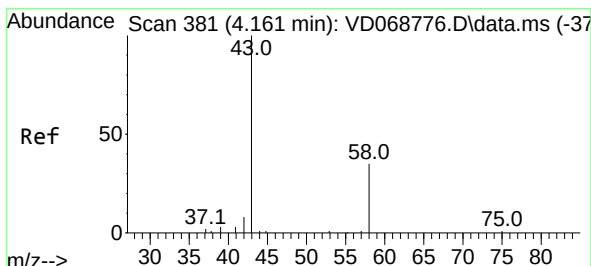
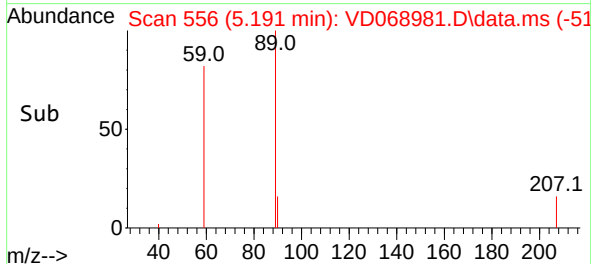
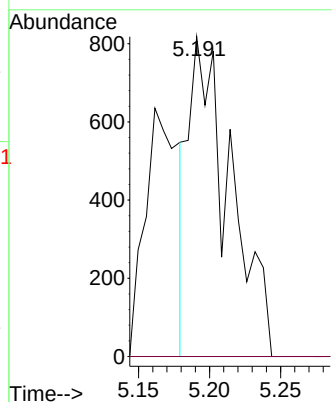
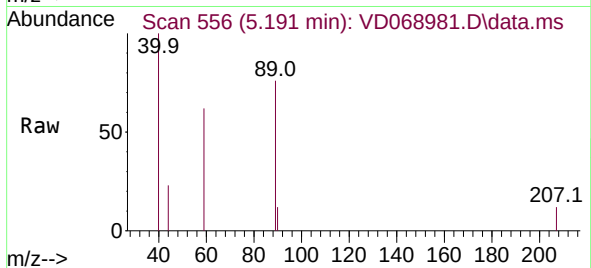


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

Instrument :
MSVOA_D
ClientSampled :

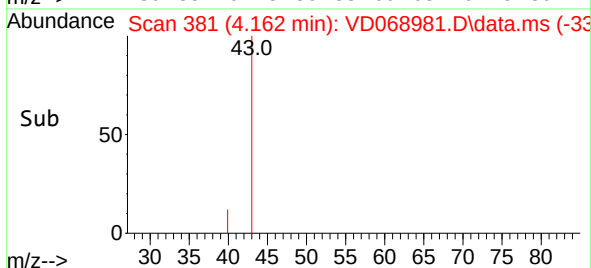
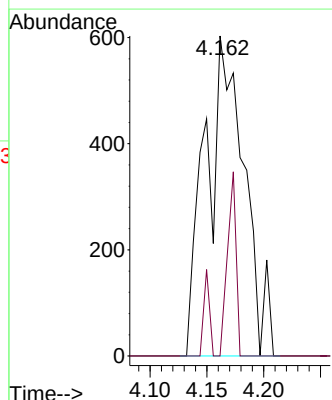
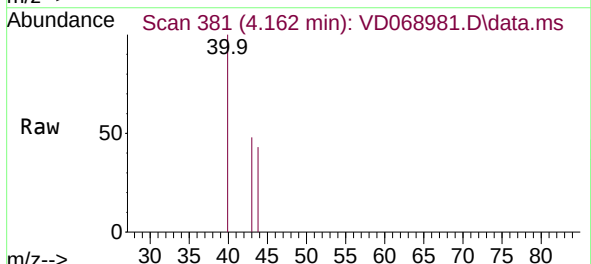
Tgt Ion: 59 Resp: 1646
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

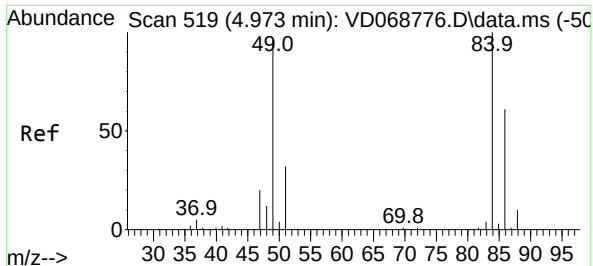


#16

Acetone
Concen: 2.94 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

Tgt Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

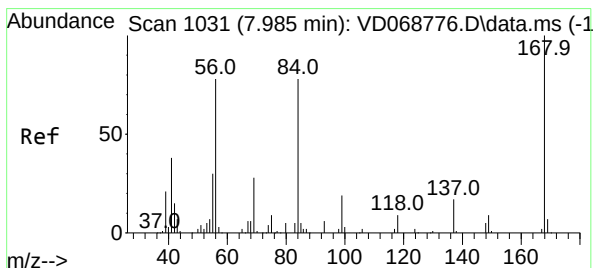
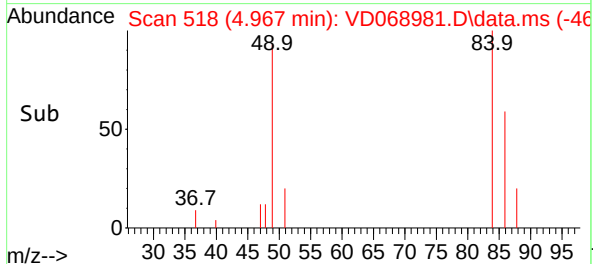
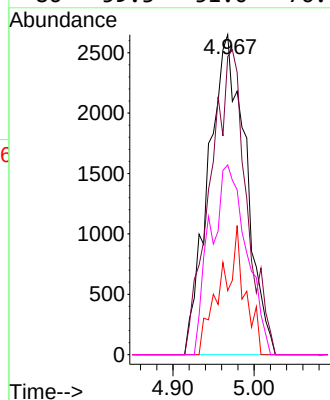
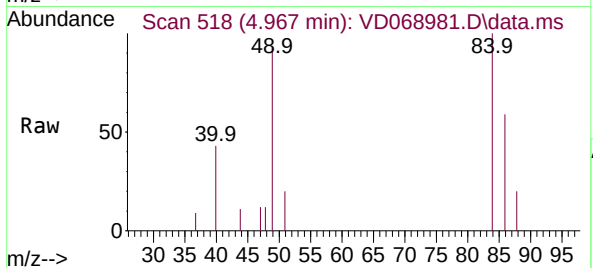
Delta R.T. -0.006 min

Lab File: VD068981.D

Acq: 26 Apr 2021 11:40

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:	84	Resp:	8469
Ion	Ratio	Lower	Upper
84	100		
49	93.1	83.4	125.0
51	20.0	23.4	35.2#
86	59.3	51.0	76.4



#31

Cyclohexane

Concen: 1.50 ug/l

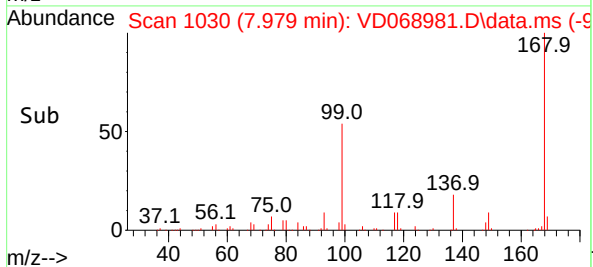
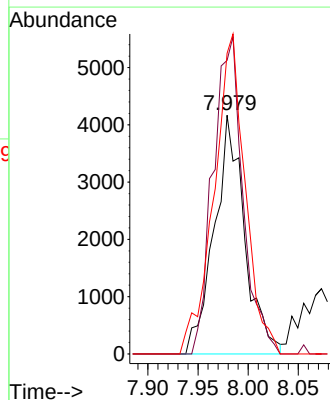
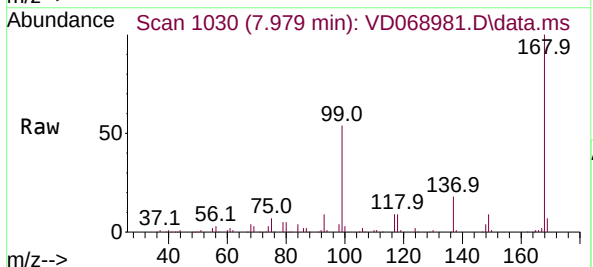
RT: 7.979 min Scan# 1030

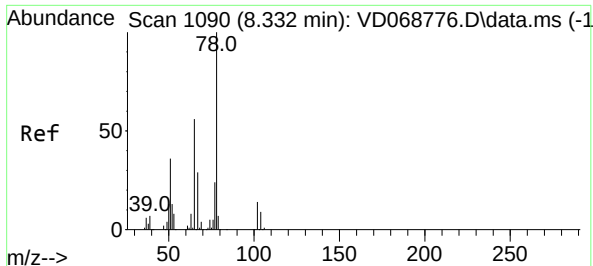
Delta R.T. -0.006 min

Lab File: VD068981.D

Acq: 26 Apr 2021 11:40

Tgt Ion:	56	Resp:	8754
Ion	Ratio	Lower	Upper
56	100		
69	123.0	30.0	45.0#
84	125.9	82.0	123.0#

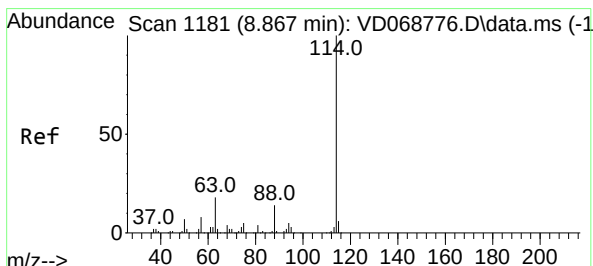
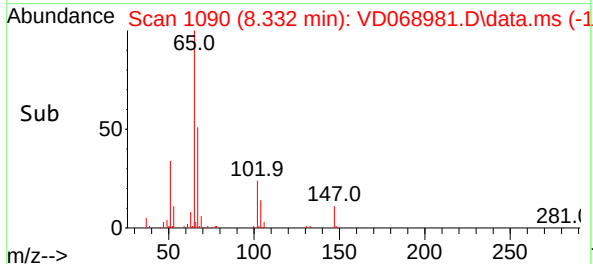
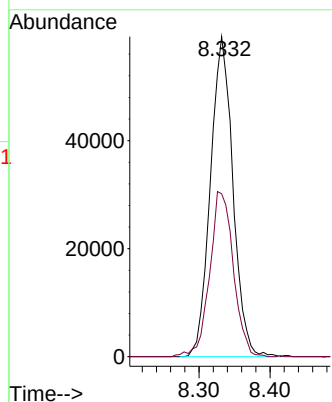
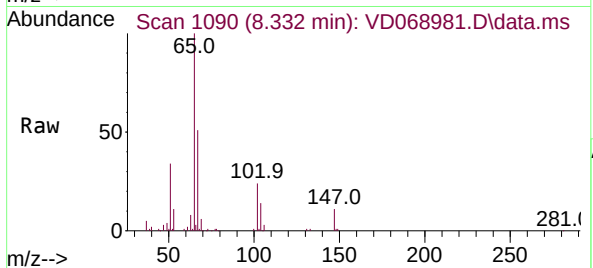




#33
1,2-Dichloroethane-d4
Concen: 37.16 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

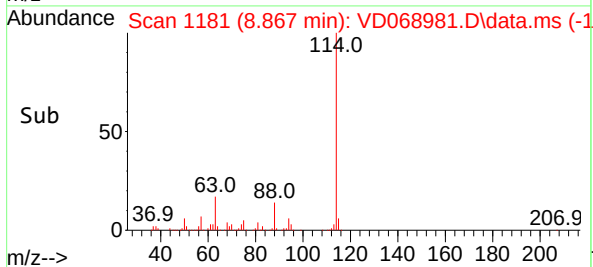
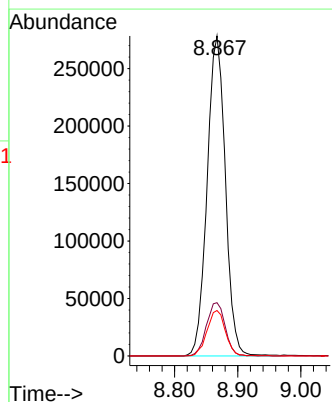
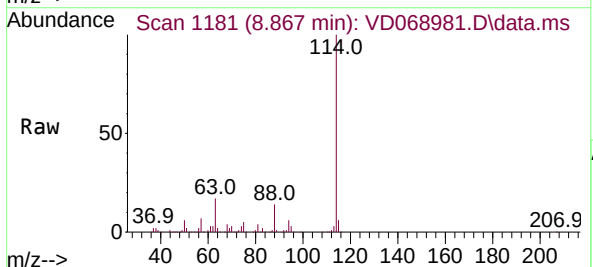
Instrument :
MSVOA_D
ClientSampled :

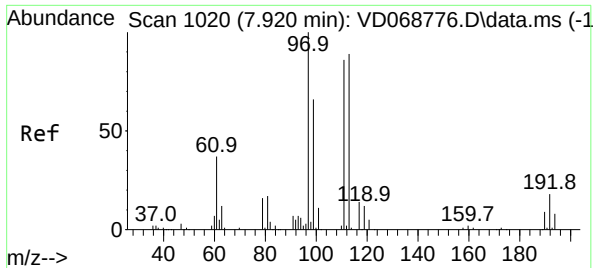
Tgt Ion: 65 Resp: 130165
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

Tgt Ion: 114 Resp: 558302
Ion Ratio Lower Upper
114 100
63 16.7 0.0 38.2
88 14.2 0.0 29.4

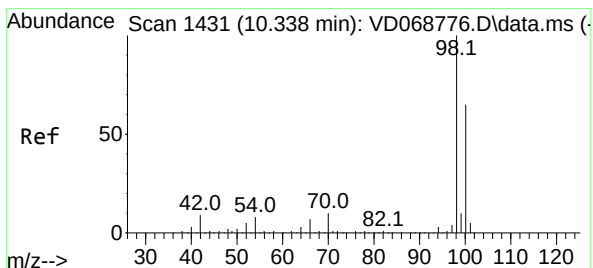
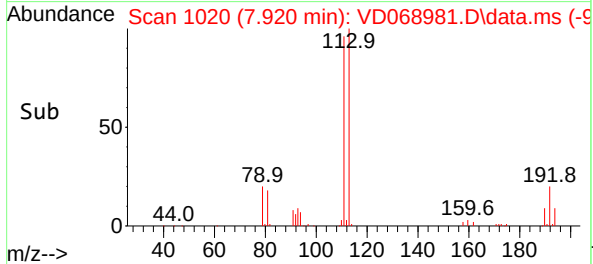
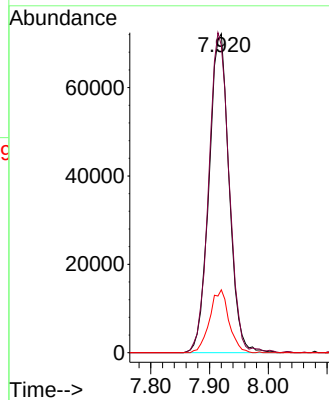
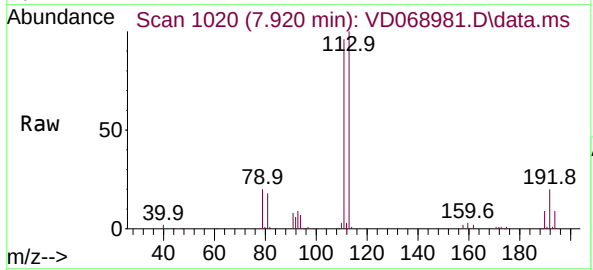




#35
Dibromofluoromethane
Concen: 47.17 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

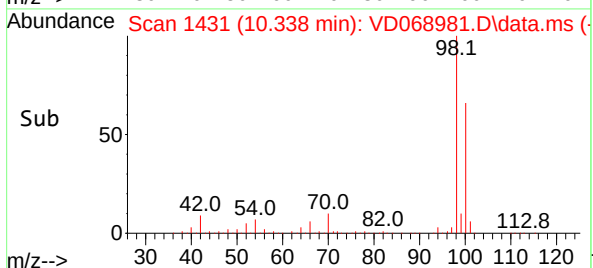
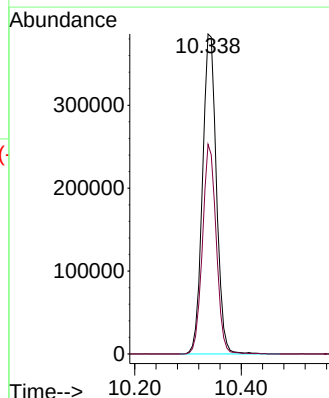
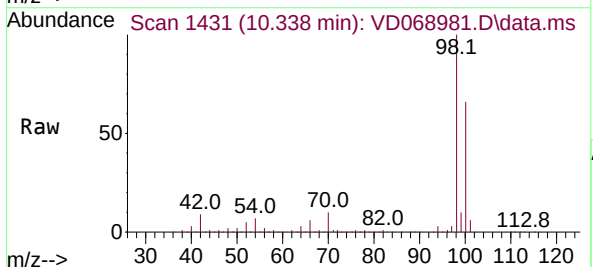
Instrument :
MSVOA_D
ClientSampled :

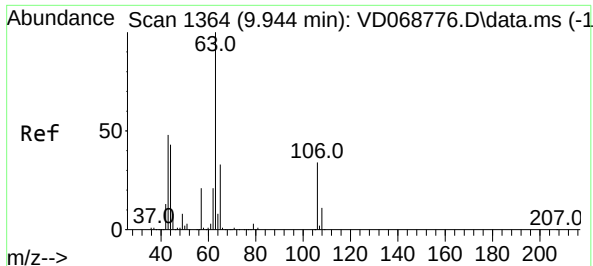
Tgt Ion:113 Resp: 171293
Ion Ratio Lower Upper
113 100
111 101.5 82.5 123.7
192 18.9 15.1 22.7



#50
Toluene-d8
Concen: 50.94 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

Tgt Ion: 98 Resp: 697849
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

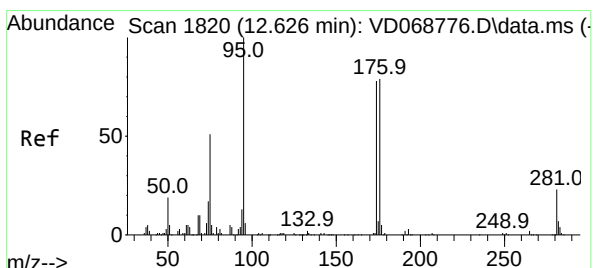
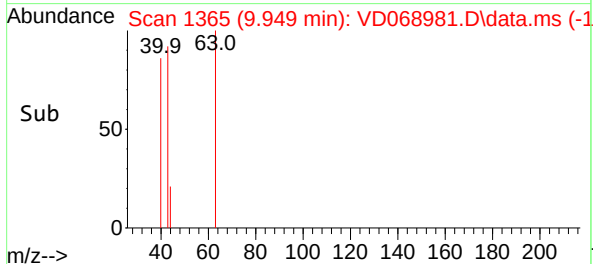
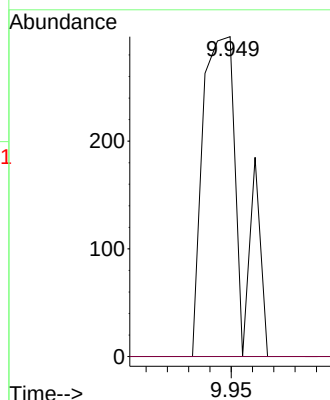
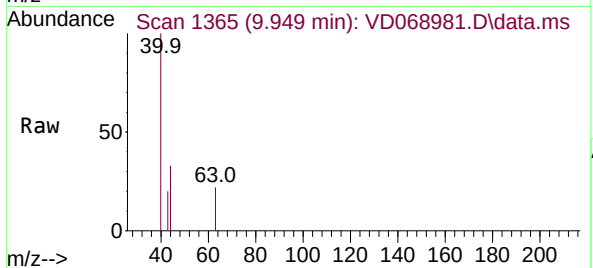




#58
2-Chloroethyl Vinyl ether
Concen: 17.19 ug/l
RT: 9.949 min Scan# 1365
Delta R.T. 0.005 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

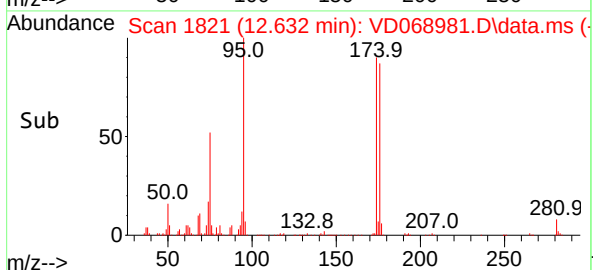
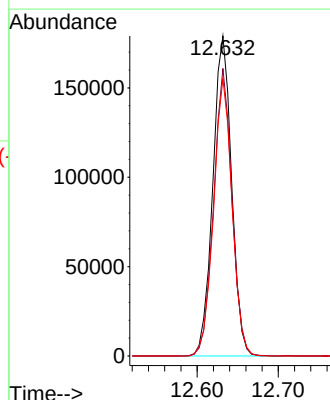
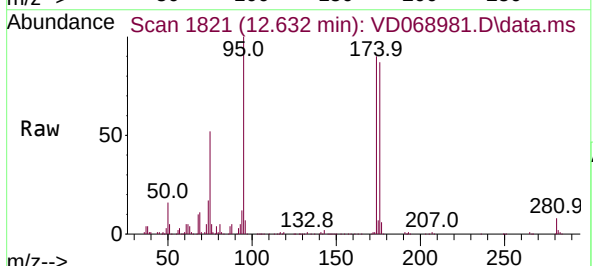
Instrument :
MSVOA_D
ClientSampled :

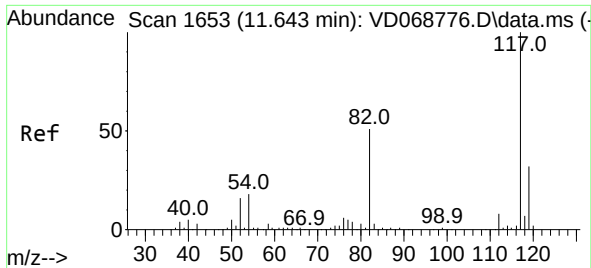
Tgt Ion: 63 Resp: 366
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 63.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

Tgt Ion: 95 Resp: 286993
Ion Ratio Lower Upper
95 100
174 88.0 0.0 168.0
176 85.6 0.0 160.2

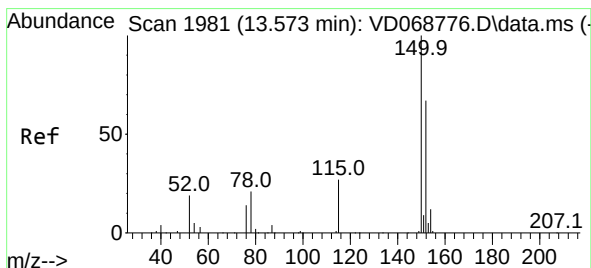
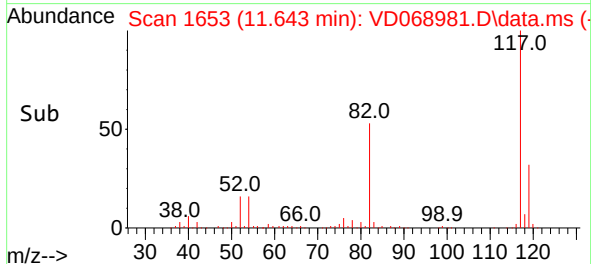
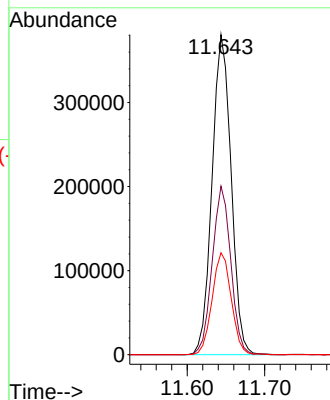
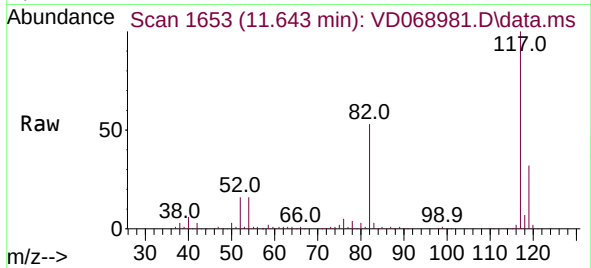




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

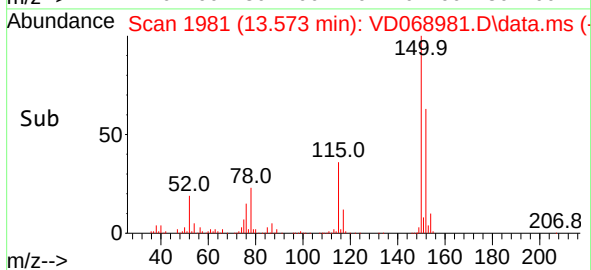
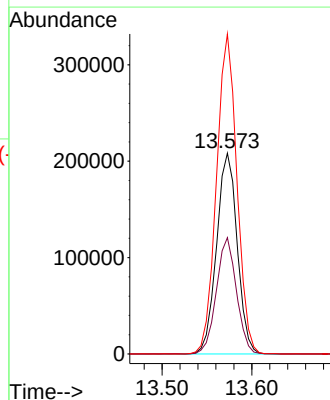
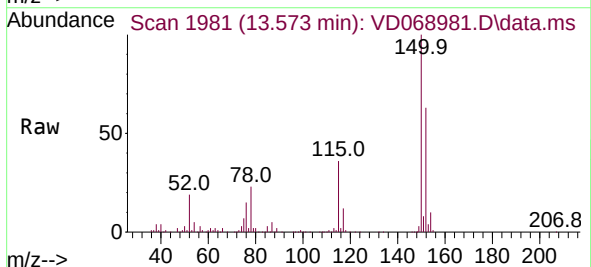
Instrument :
MSVOA_D
ClientSampled :

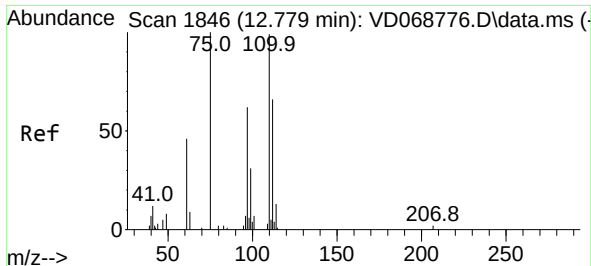
Tgt Ion:117 Resp: 649929
Ion Ratio Lower Upper
117 100
82 52.7 43.5 65.3
119 31.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

Tgt Ion:152 Resp: 332390
Ion Ratio Lower Upper
152 100
115 56.4 29.3 87.8
150 158.0 0.0 347.6

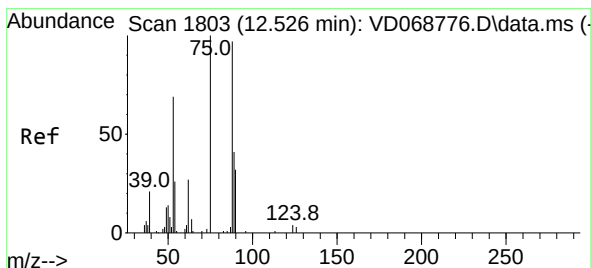
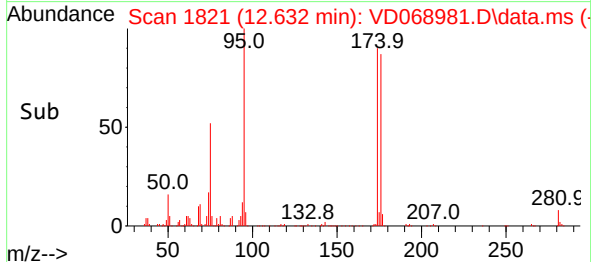
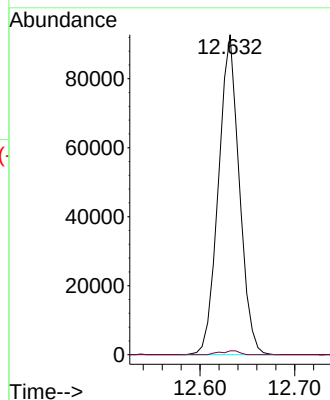
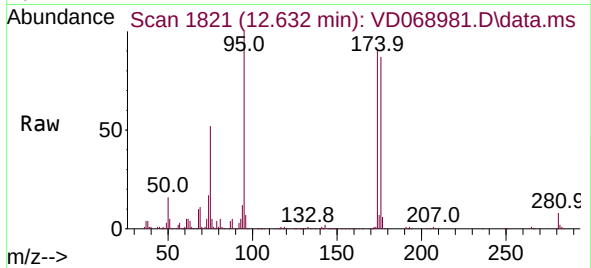




#76
1,2,3-Trichloropropane
Concen: 46.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 141592
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.21 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068981.D
Acq: 26 Apr 2021 11:40

Tgt Ion: 75 Resp: 141592
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 36.6 54.8#

