

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071020\
 Data File : VD065944.D
 Acq On : 10 Jul 2020 12:50
 Operator : VA/SY
 Sample : VD0710SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 11 04:28:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

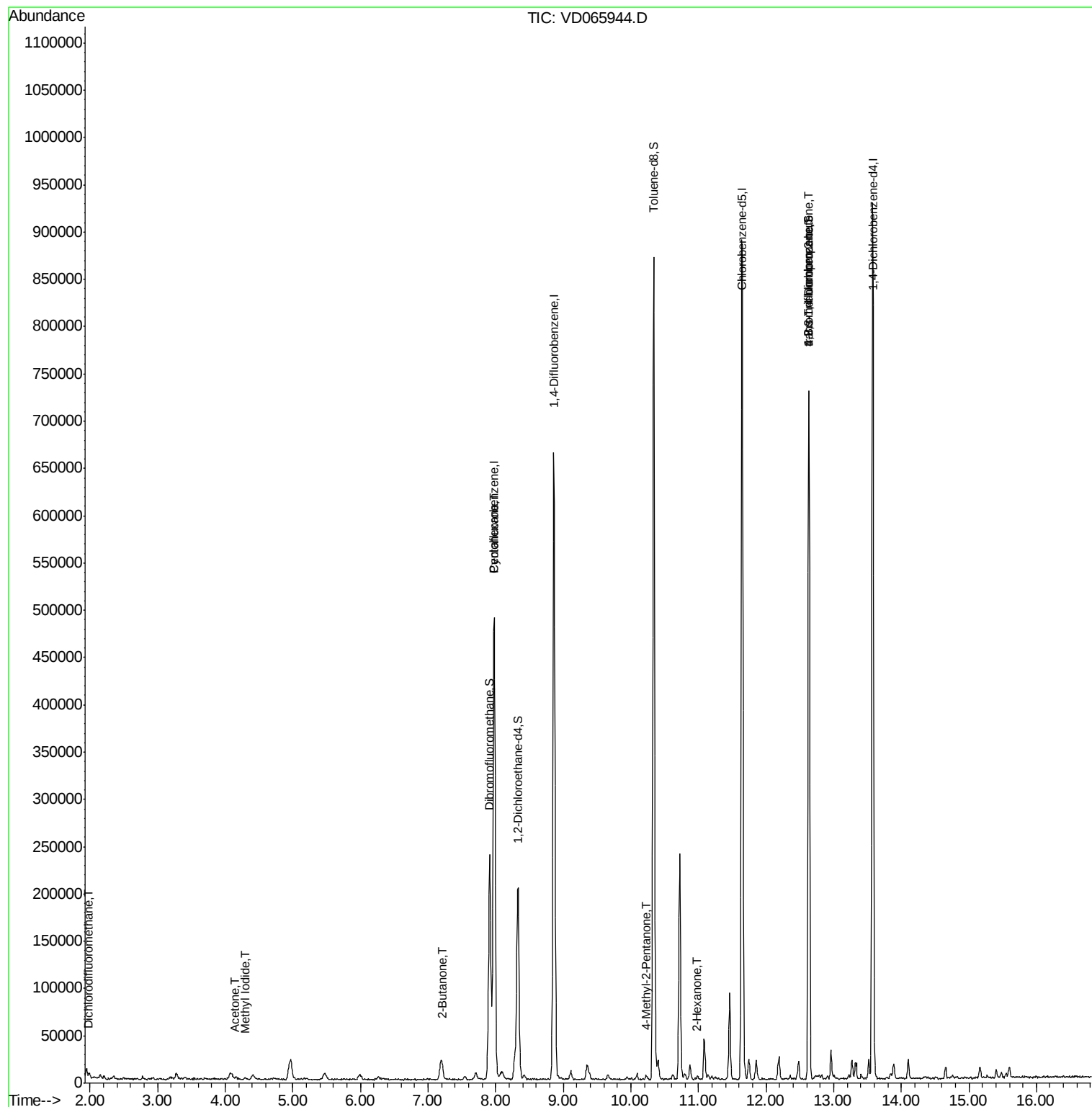
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	383205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	589935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	545278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	263133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	156041	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
35) Dibromofluoromethane	7.91	113	167747	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	10.34	98	598185	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.10%	
62) 4-Bromofluorobenzene	12.63	95	206313	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	3965	1.164	ug/l	96
10) Methyl Iodide	4.30	142	1395	2.830	ug/l #	82
11) Tert butyl alcohol	5.20	59	717	Below Cal	#	71
13) Acrolein	3.98	56	63	Below Cal	#	15
16) Acetone	4.15	43	4059	5.100	ug/l	90
20) Methylene Chloride	4.97	84	17539	Below Cal		88
25) 2-Butanone	7.21	43	3121	2.968	ug/l	92
31) Cyclohexane	7.98	56	11691	1.685	ug/l #	15
51) 4-Methyl-2-Pentanone	10.23	43	2878	1.253	ug/l	94
59) 2-Hexanone	10.98	43	2454	1.553	ug/l	92
76) 1,2,3-Trichloropropane	12.63	75	100029	45.317	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	100029	97.372	ug/l #	12

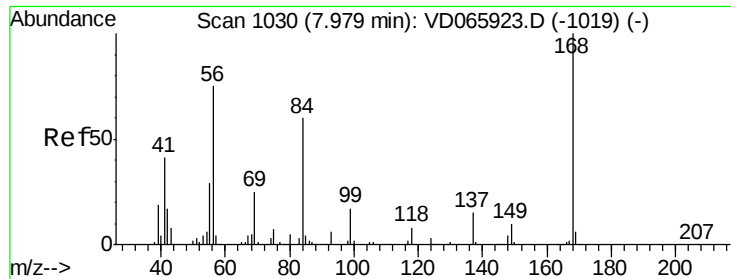
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD065944.D
Acq On : 10 Jul 2020 12:50
Operator : VA/SY
Sample : VD0710SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065944.D

Acq: 10 Jul 2020 12:50

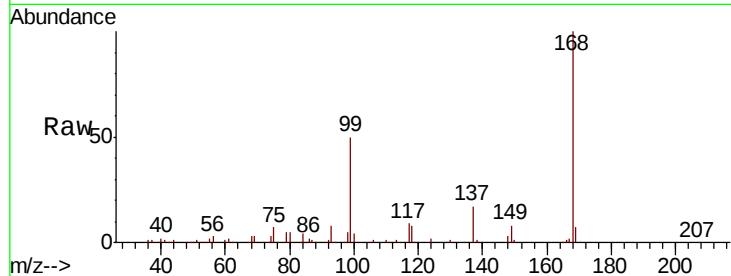
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 383205

Ion Ratio Lower Upper

168 100

99 49.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

200000

150000

100000

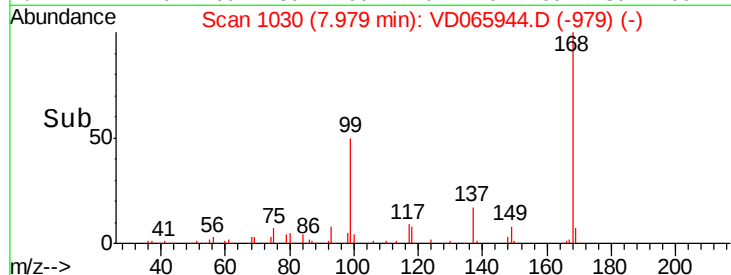
50000

0

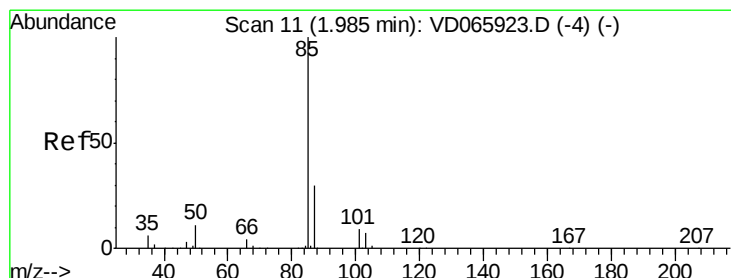
7.90

8.00

8.10



Time-->



#2

Dichlorodifluoromethane

Concen: 1.164 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065944.D

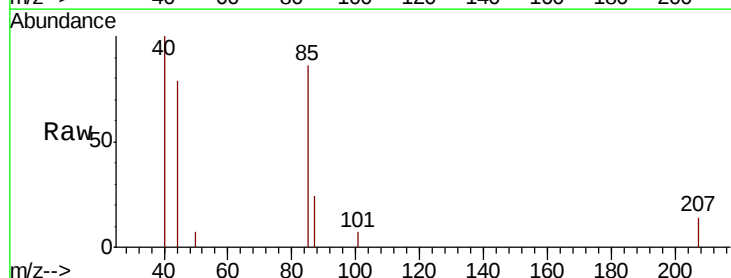
Acq: 10 Jul 2020 12:50

Tgt Ion: 85 Resp: 3965

Ion Ratio Lower Upper

85 100

87 27.5 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): V

3000

2500

2000

1500

1000

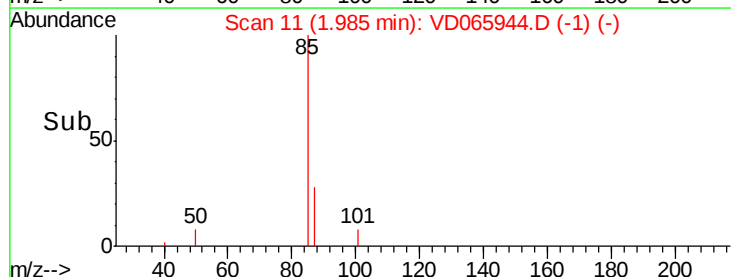
500

0

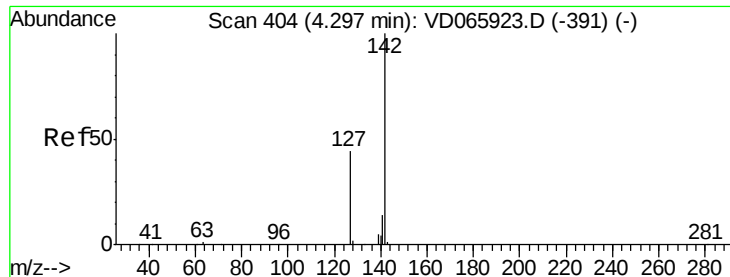
1.95

2.00

2.05



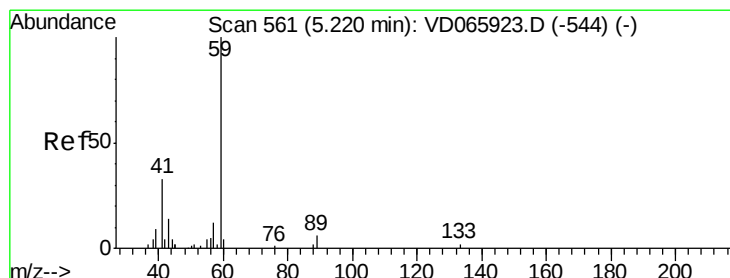
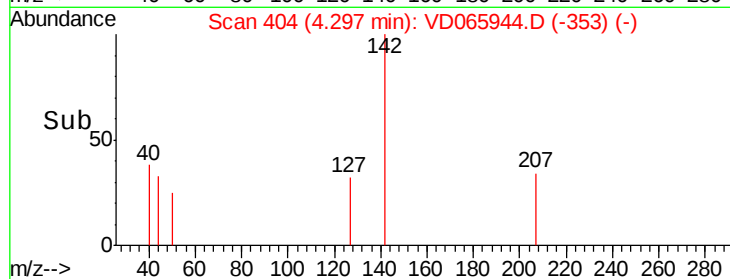
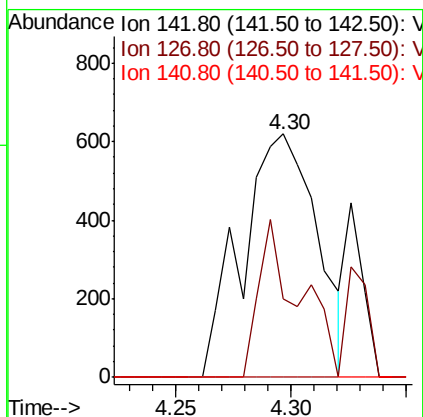
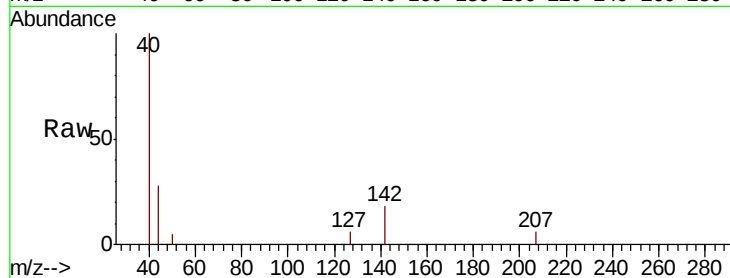
Time-->



#10
Methyl Iodide
Concen: 2.830 ug/l
RT: 4.30 min Scan# 404
Delta R.T. 0.00 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

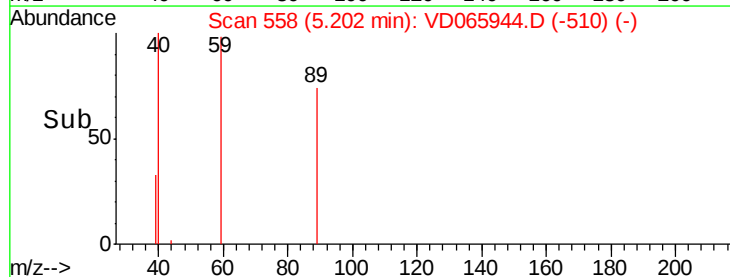
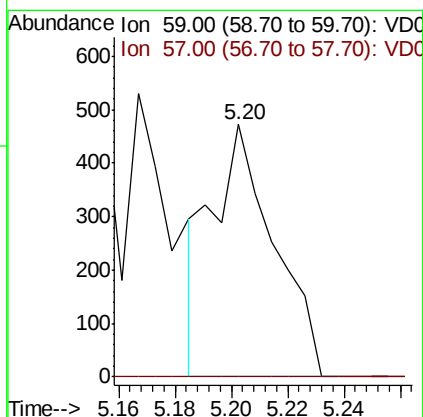
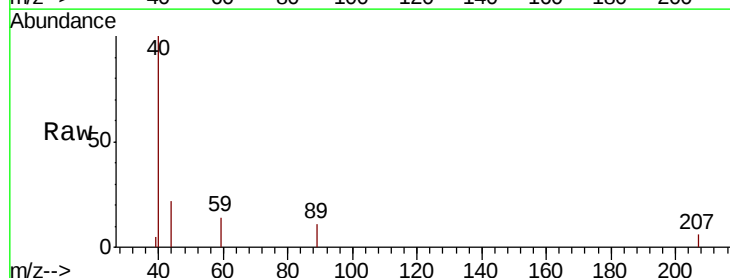
Instrument :
MSVOA_D
ClientSampled :

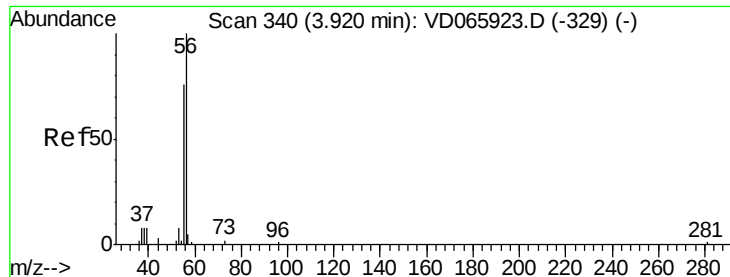
Tot Ion:142 Resp: 1395
Ion Ratio Lower Upper
142 100
127 35.1 34.6 51.8
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

Tgt Ion: 59 Resp: 717
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: Below Cal

RT: 3.98 min Scan# 350

Delta R.T. 0.06 min

Lab File: VD065944.D

Acq: 10 Jul 2020 12:50

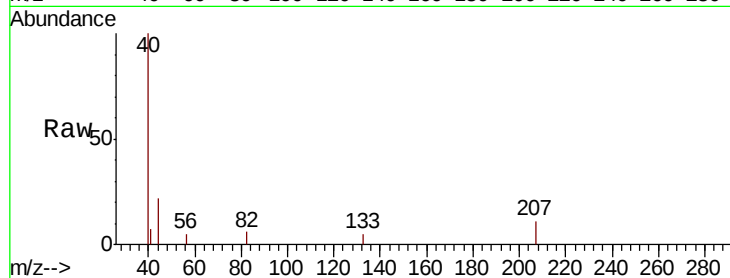
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 63

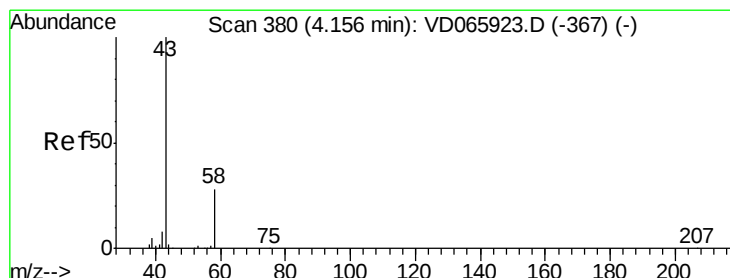
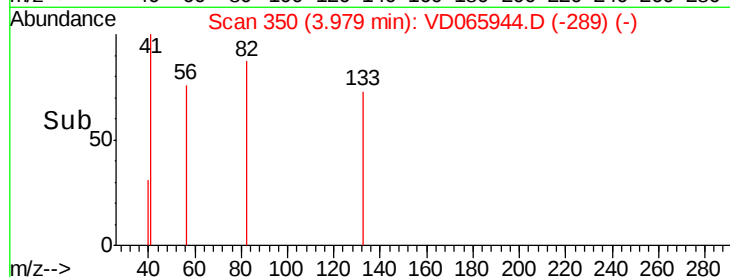
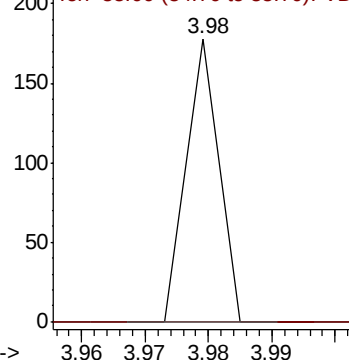
Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 5.100 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065944.D

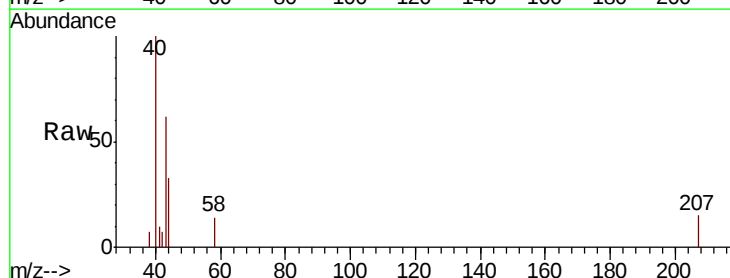
Acq: 10 Jul 2020 12:50

Tgt Ion: 43 Resp: 4059

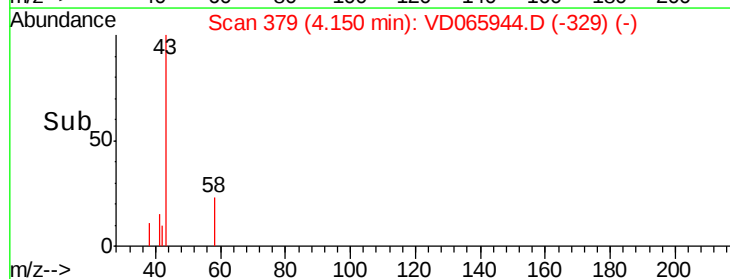
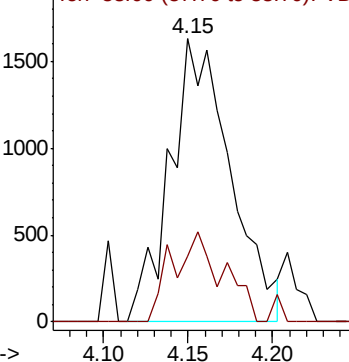
Ion Ratio Lower Upper

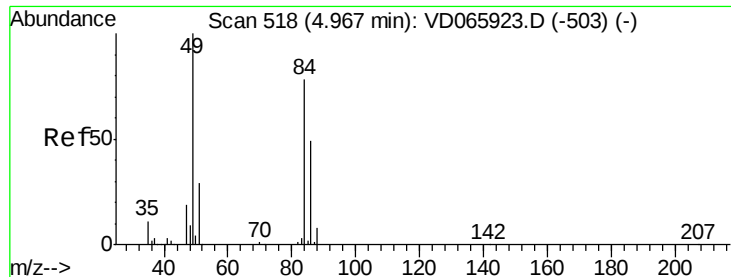
43 100

58 23.0 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

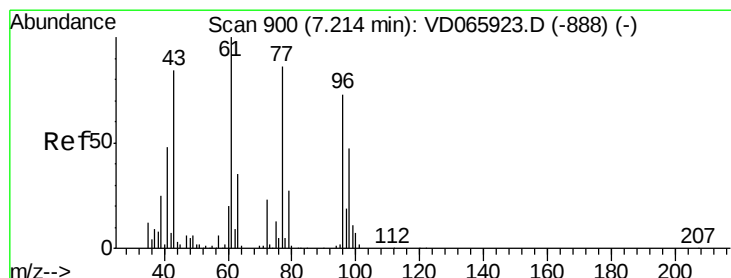
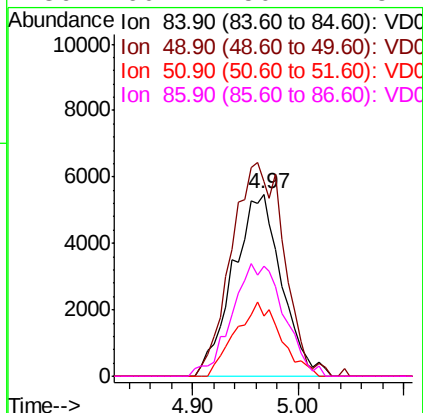
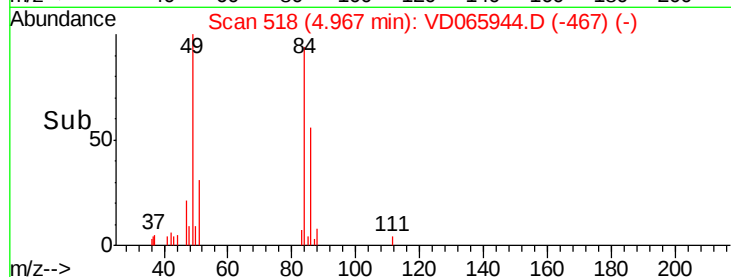
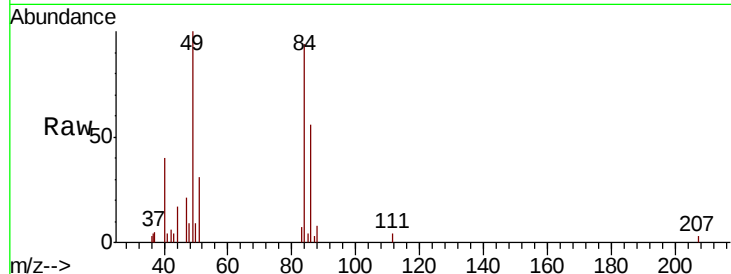




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

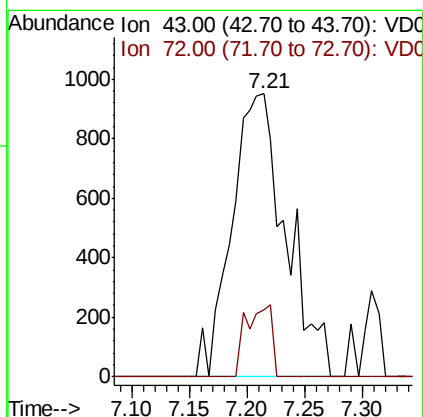
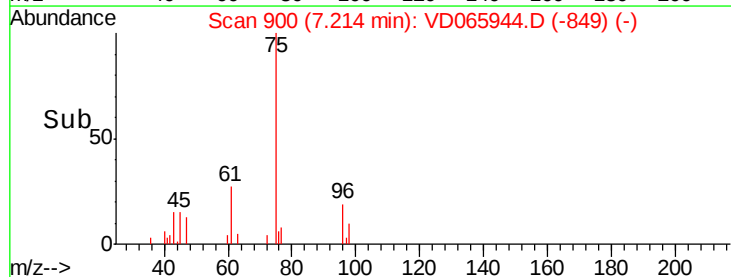
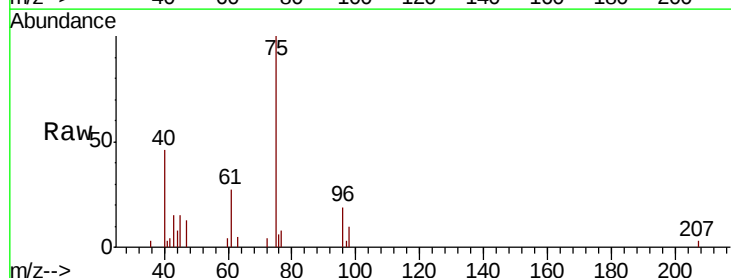
Instrument :
MSVOA_D
ClientSampleId :

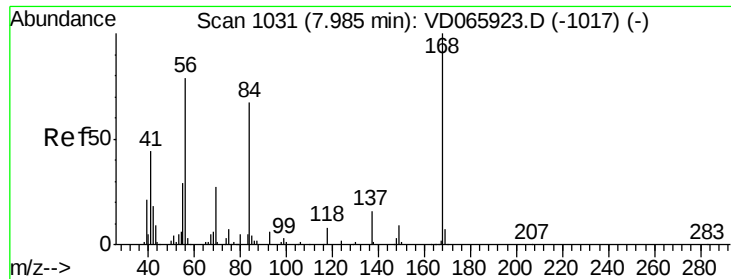
Tot Ion: 84 Resp: 17539
Ion Ratio Lower Upper
84 100
49 106.9 102.2 153.2
51 33.0 29.8 44.6
86 60.2 50.2 75.2



#25
2-Butanone
Concen: 2.968 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

Tgt Ion: 43 Resp: 3121
Ion Ratio Lower Upper
43 100
72 23.6 22.1 33.1

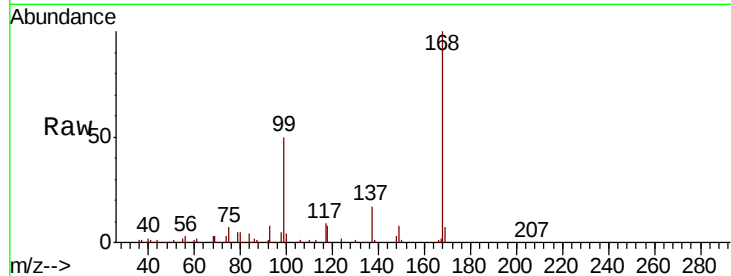




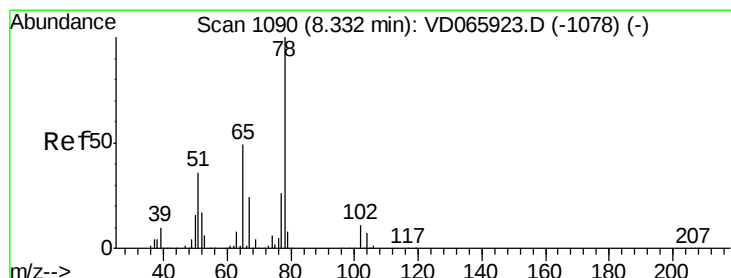
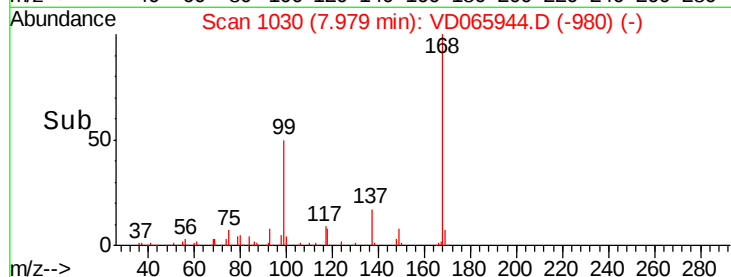
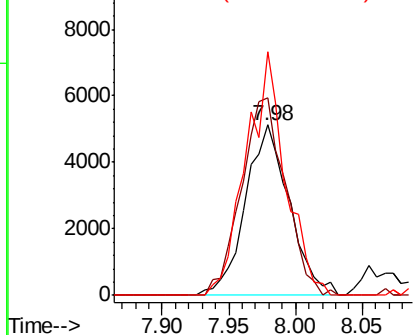
#31
Cyclohexane
Concen: 1.685 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 11691
Ion Ratio Lower Upper
56 100
69 116.1 27.4 41.0#
84 142.8 68.6 102.8#

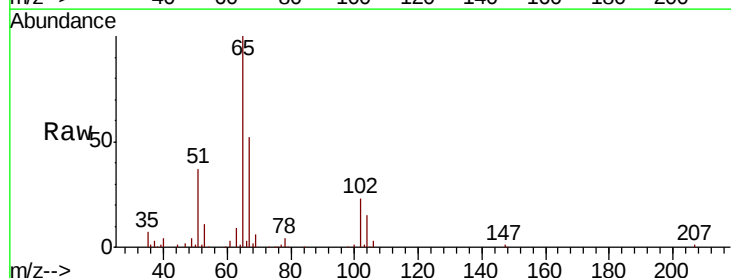


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

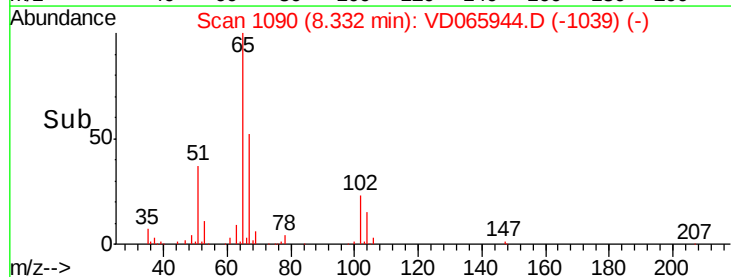
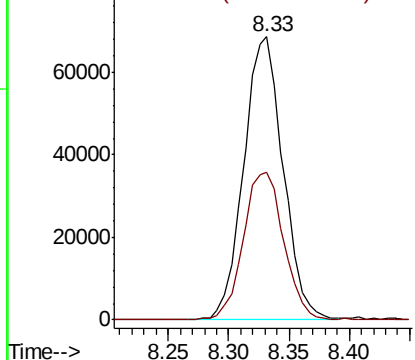


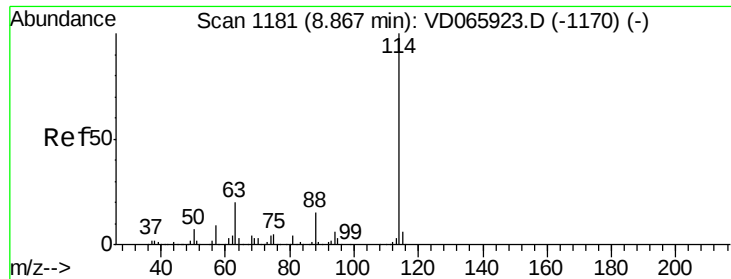
#33
1,2-Dichloroethane-d4
Concen: 45.948 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

Tgt Ion: 65 Resp: 156041
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

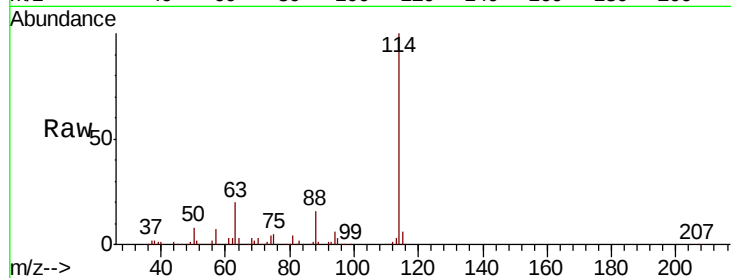




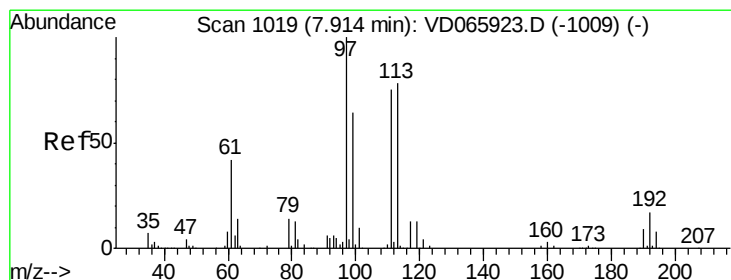
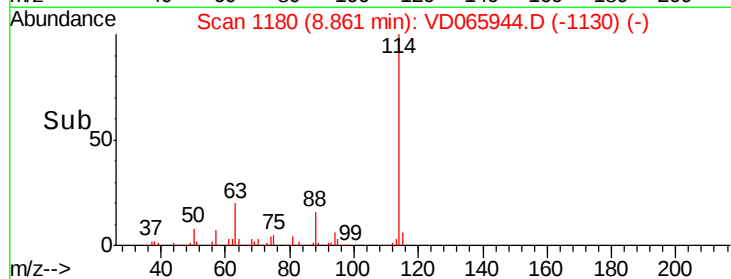
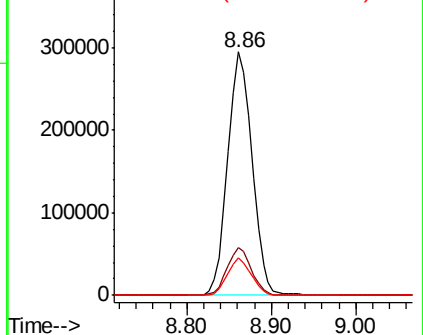
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065944.D
 Acq: 10 Jul 2020 12:50

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.2
88	15.7	0.0	30.0

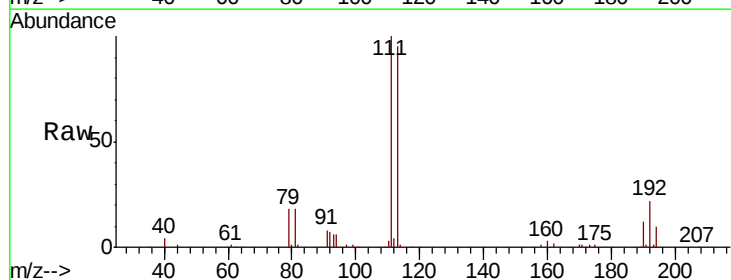


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

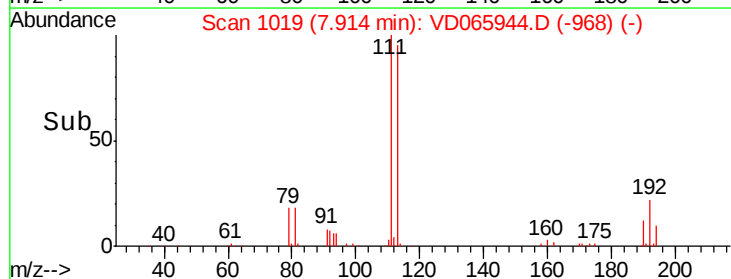
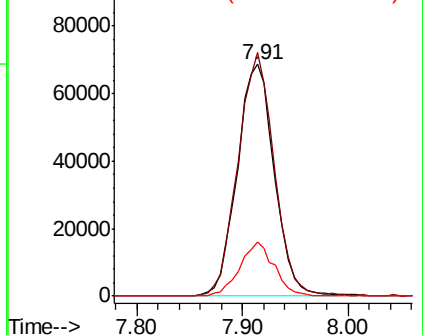


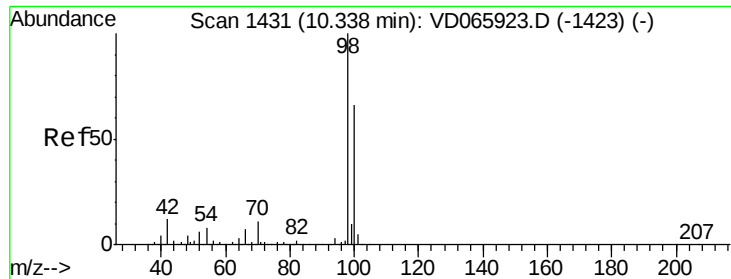
#35
 Dibromofluoromethane
 Concen: 46.094 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065944.D
 Acq: 10 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.9	121.3
192	21.6	17.1	25.7



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

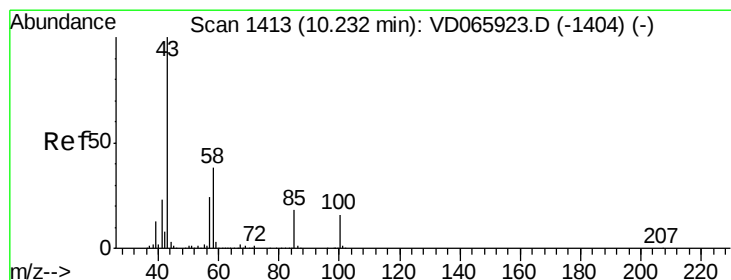
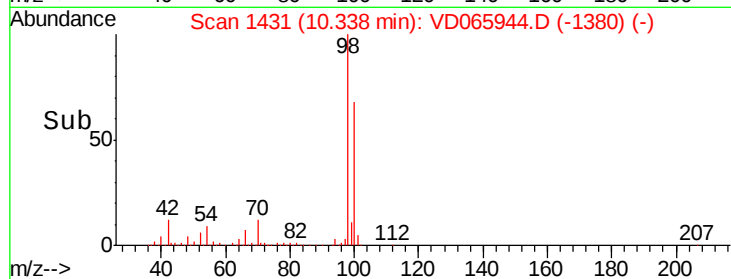
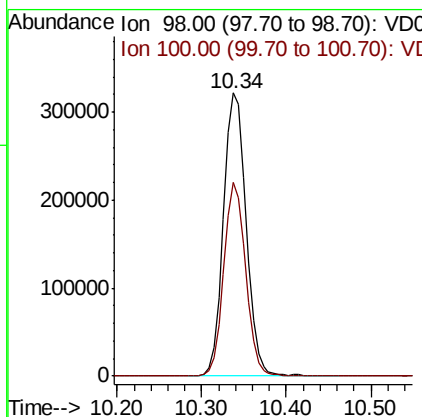
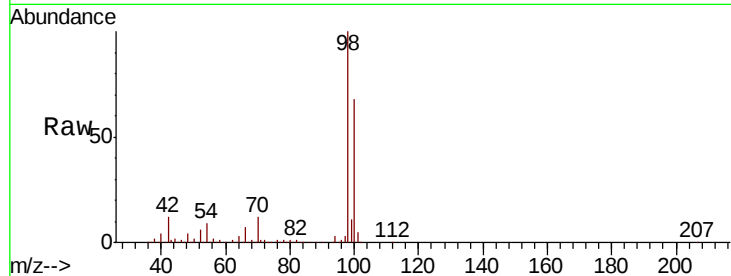




#50
Toluene-d8
Concen: 45.050 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

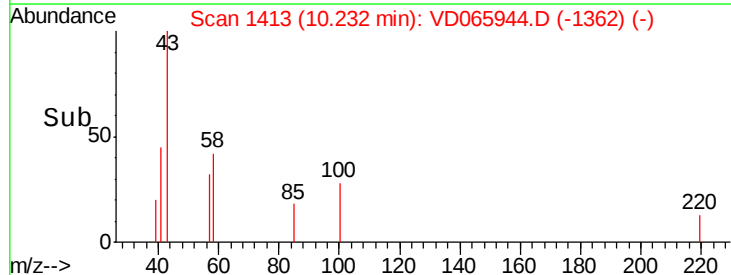
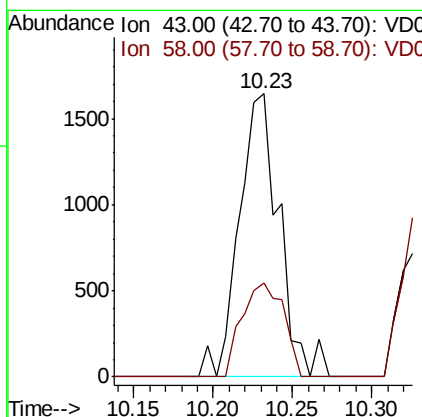
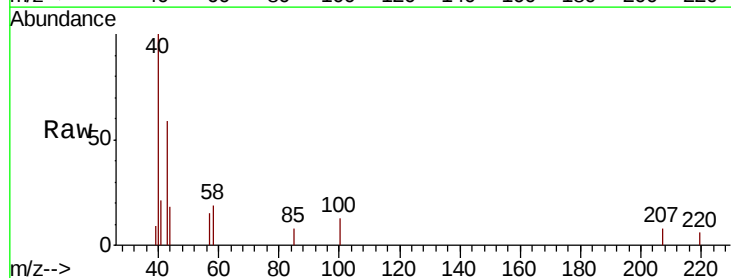
Instrument :
MSVOA_D
ClientSampleId :

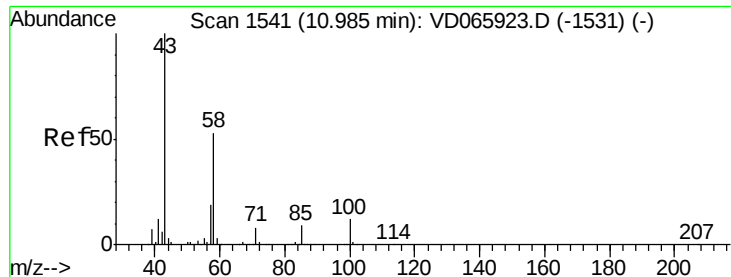
Tot Ion: 98 Resp: 598185
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.253 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

Tgt Ion: 43 Resp: 2878
Ion Ratio Lower Upper
43 100
58 34.7 30.5 45.7

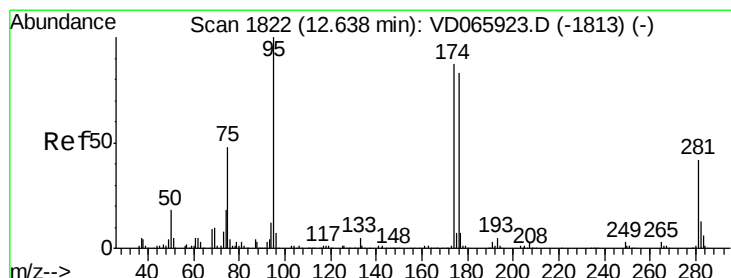
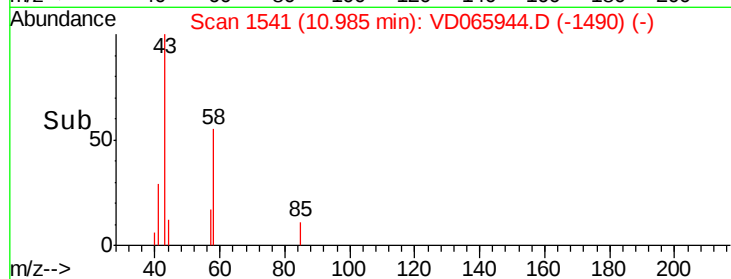
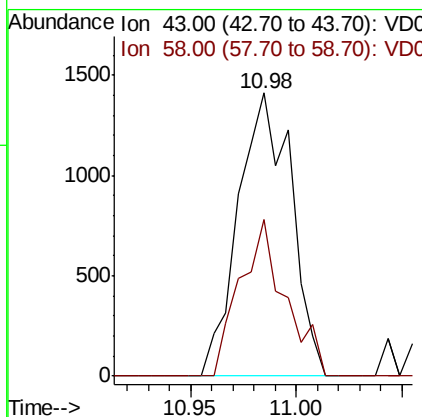
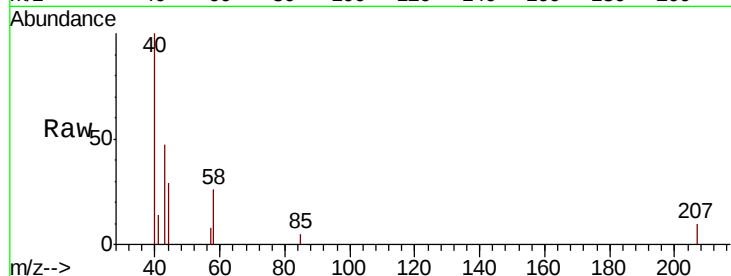




#59
2-Hexanone
Concen: 1.553 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

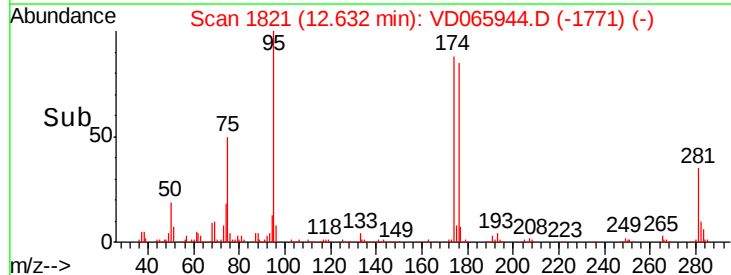
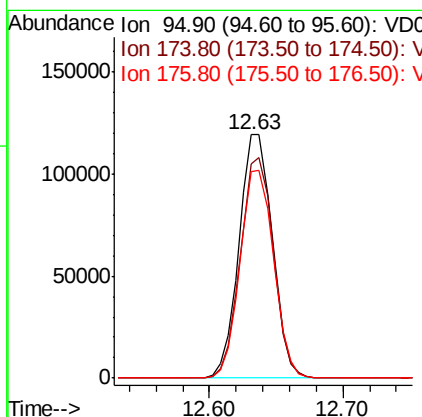
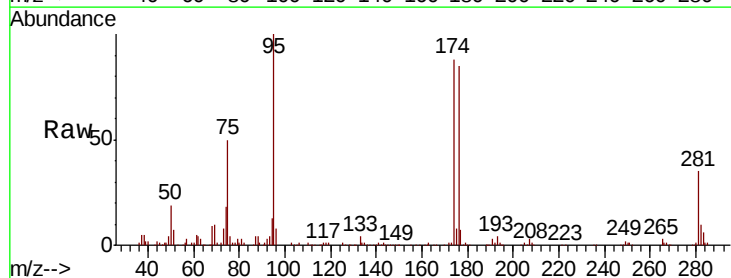
Instrument :
MSVOA_D
ClientSampleId :

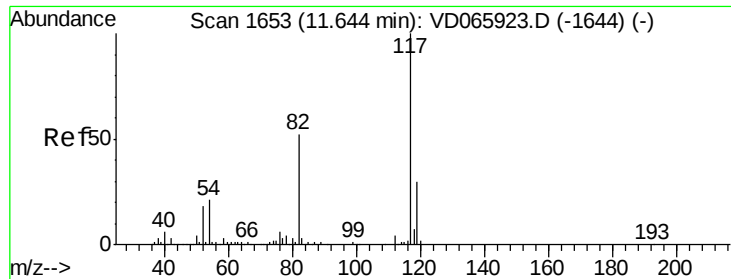
Tot Ion: 43 Resp: 2454
Ion Ratio Lower Upper
43 100
58 47.5 26.6 79.8



#62
4-Bromofluorobenzene
Concen: 45.246 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

Tgt Ion: 95 Resp: 206313
Ion Ratio Lower Upper
95 100
174 89.6 0.0 169.4
176 85.9 0.0 164.0

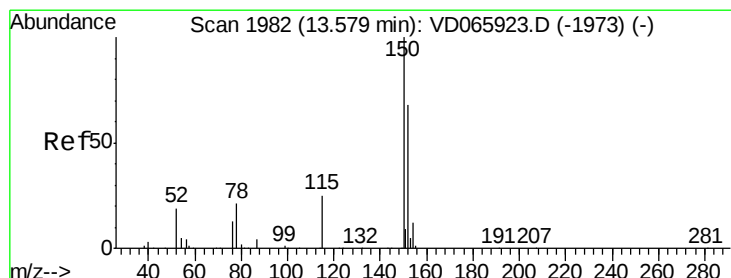
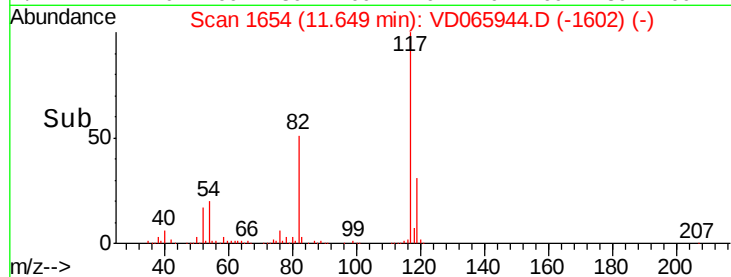
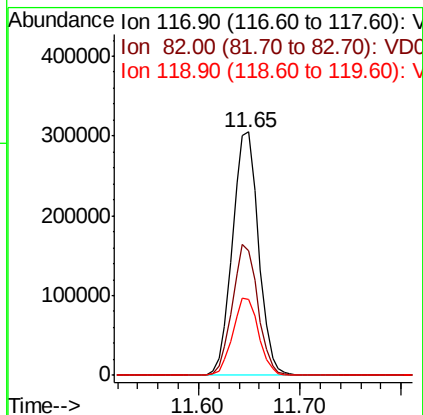
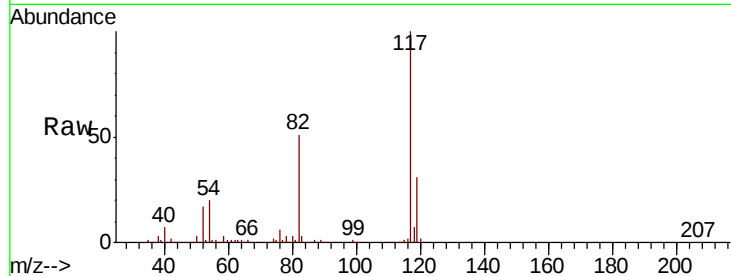




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

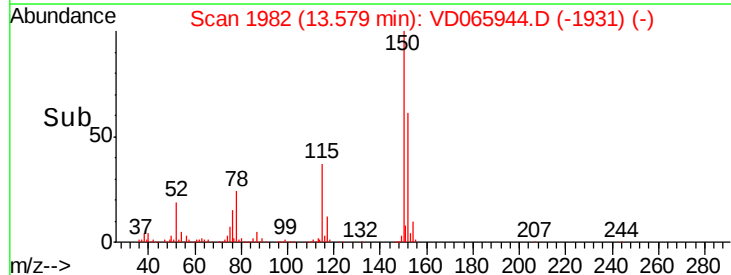
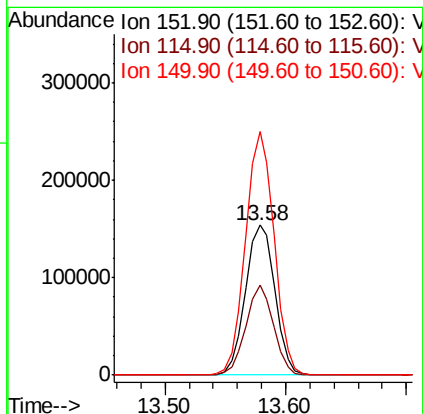
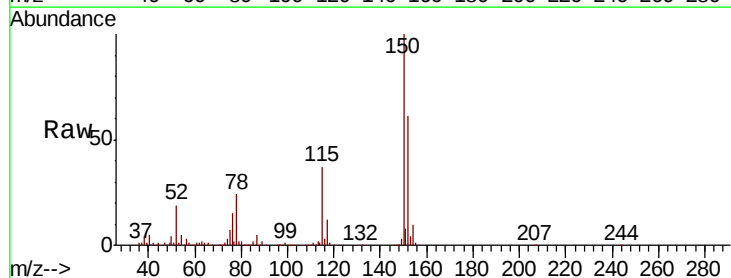
Instrument :
MSVOA_D
ClientSampleId :

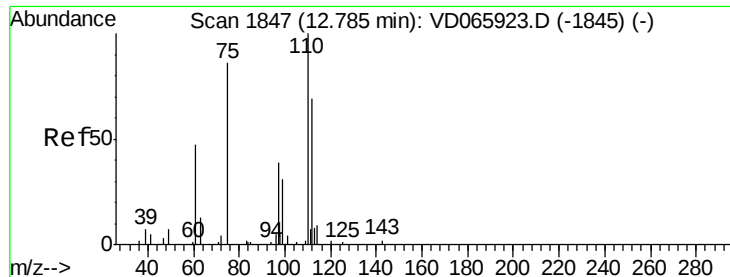
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.8	62.8
119	31.1	24.3	36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.8	83.3
150	157.4	0.0	347.2

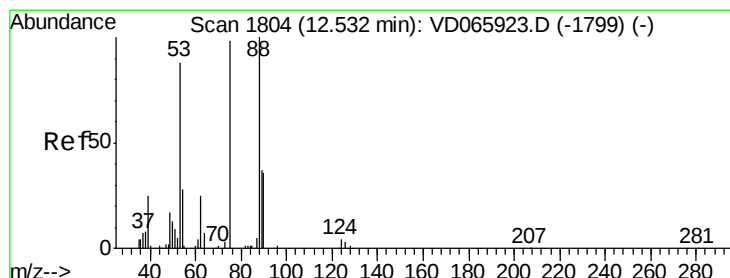
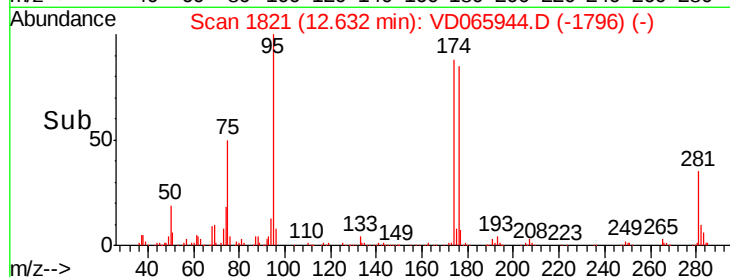
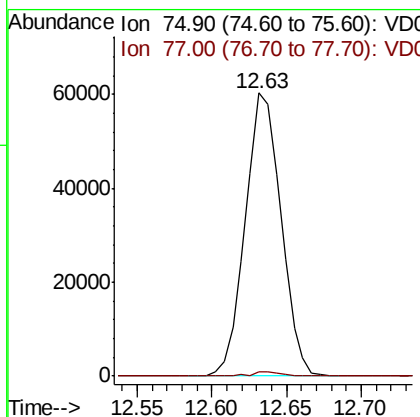
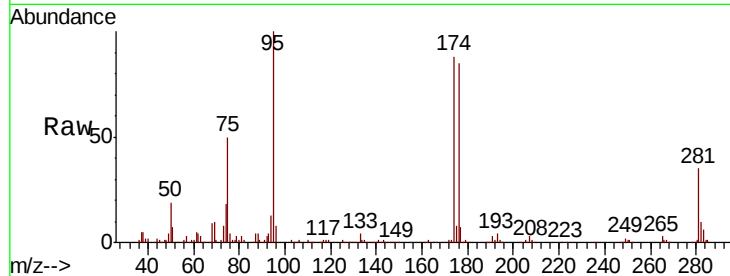




#76
 1,2,3-Trichloropropane
 Concen: 45.317 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD065944.D
 Acq: 10 Jul 2020 12:50

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 100029
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.372 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD065944.D
 Acq: 10 Jul 2020 12:50

Tgt Ion: 75 Resp: 100029
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.8 113.8#
 89 0.6 37.5 56.3#

