

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065952.D
 Acq On : 16 Jul 2020 12:42
 Operator : VA/SY
 Sample : VD0716SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0716SBL01

Quant Time: Jul 17 03:36:57 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	431226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	651841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	660286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	345062	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	169270	44.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.58%	
35) Dibromofluoromethane	7.91	113	195365	48.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.16%	
50) Toluene-d8	10.34	98	768119	52.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.63	95	300451	59.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	119.26%	

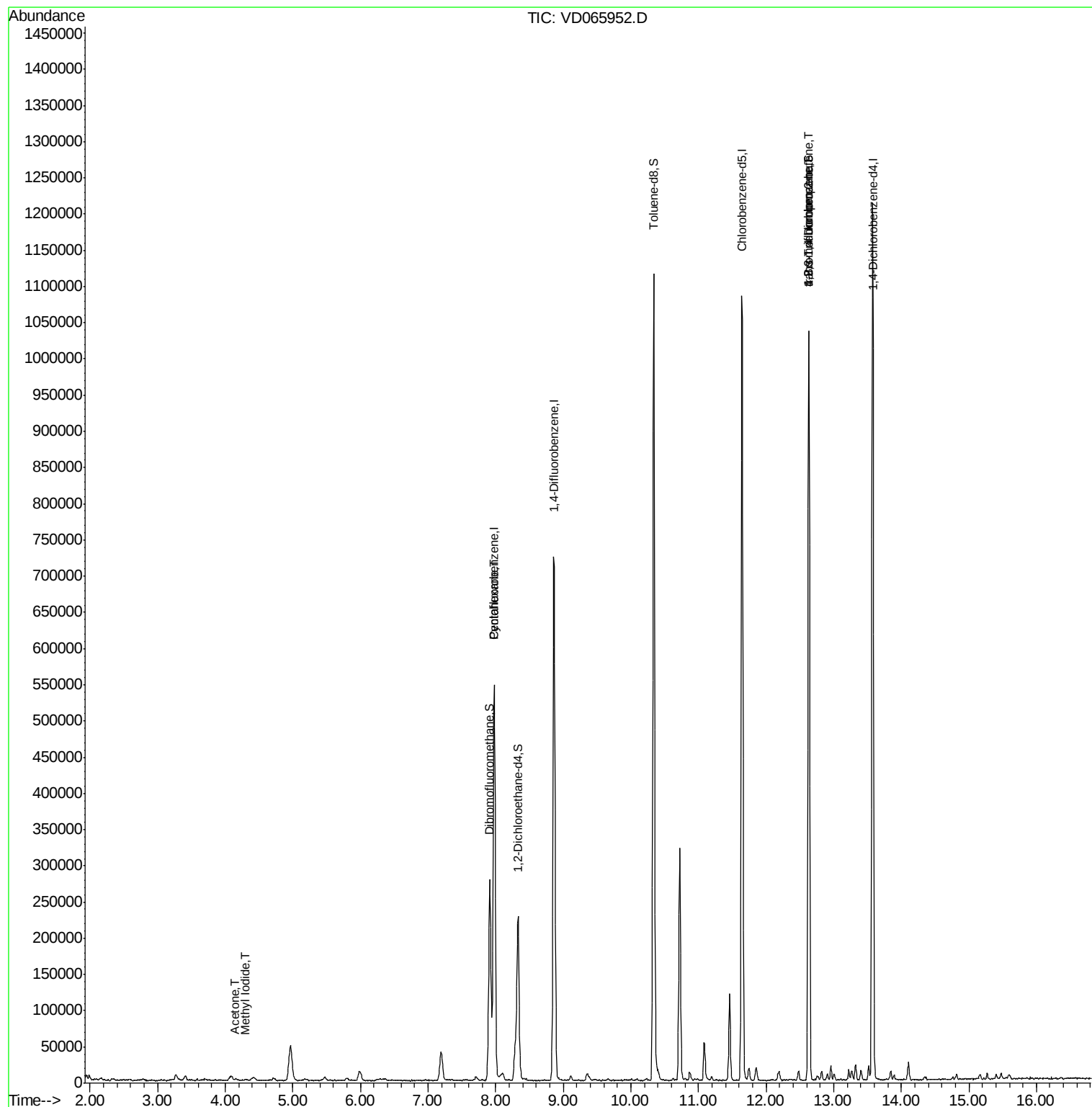
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	1912	2.899	ug/l #	84
11) Tert butyl alcohol	5.19	59	2219	Below Cal	#	71
13) Acrolein	3.91	56	191	Below Cal	#	66
16) Acetone	4.15	43	3570	3.986	ug/l #	82
20) Methylene Chloride	4.97	84	39216	Below Cal		95
31) Cyclohexane	7.98	56	10530	1.349	ug/l #	6
76) 1,2,3-Trichloropropane	12.63	75	148340	51.247	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	148340	110.115	ug/l #	12

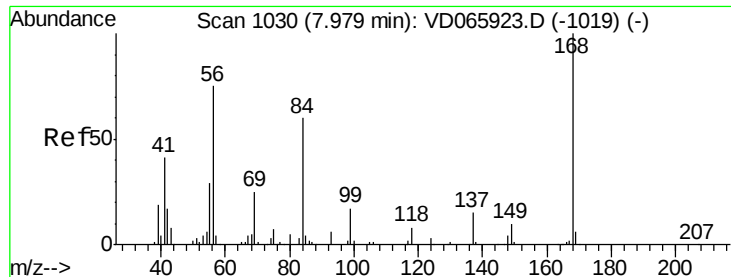
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071620\
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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Quant Time: Jul 17 03:36:57 2020
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: VD065952.D

Acq: 16 Jul 2020 12:42

Instrument :

MSVOA_D

ClientSampleId :

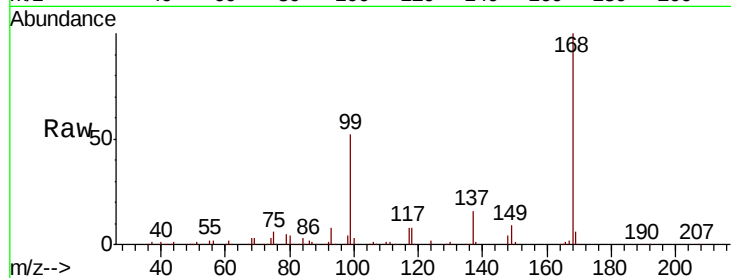
VD0716SBL01

Tot Ion:168 Resp: 431226

Ion Ratio Lower Upper

168 100

99 51.7 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

200000

150000

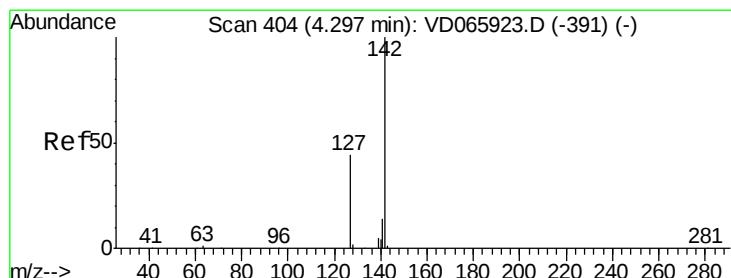
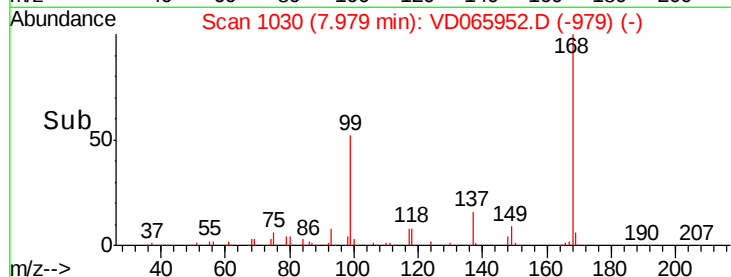
100000

50000

0

Time-->

7.90 8.00 8.10



#10

Methyl Iodide

Concen: 2.899 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065952.D

Acq: 16 Jul 2020 12:42

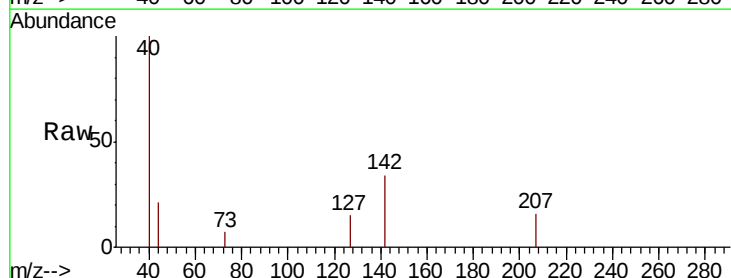
Tgt Ion:142 Resp: 1912

Ion Ratio Lower Upper

142 100

127 51.8 34.6 51.8

141 4.9 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

1000

800

600

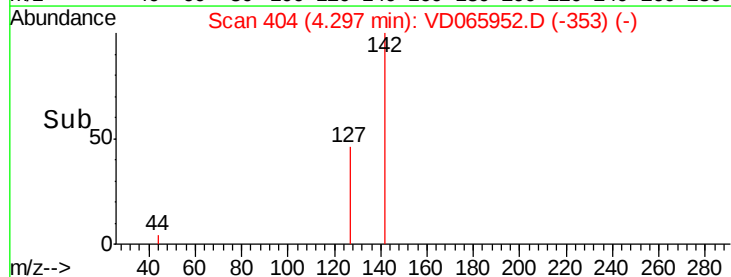
400

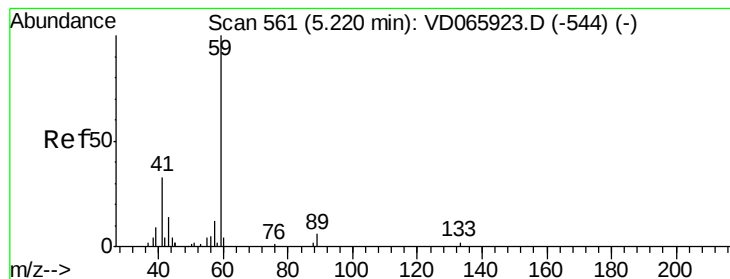
200

0

Time-->

4.25 4.30 4.35



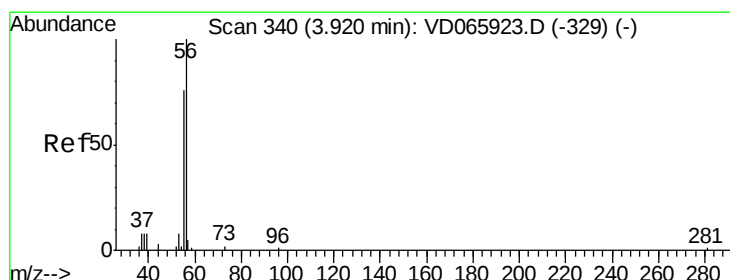
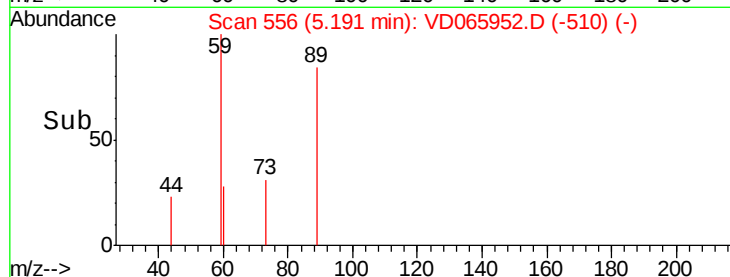
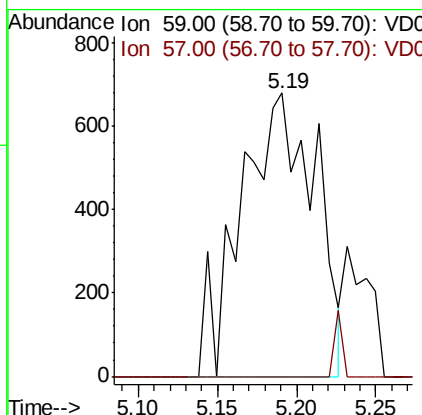
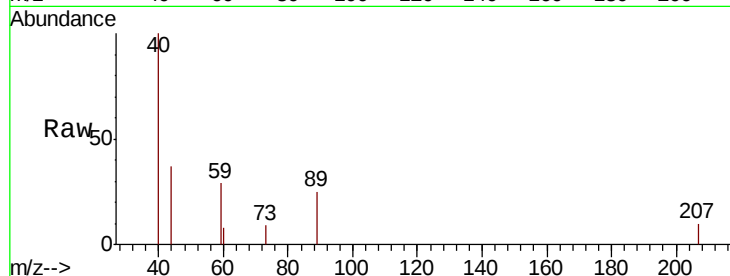


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.19 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD065952.D
 Acq: 16 Jul 2020 12:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0716SBL01

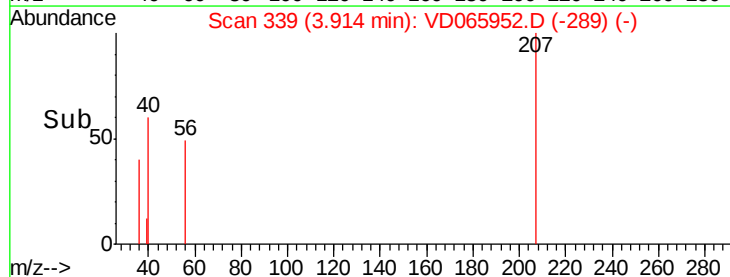
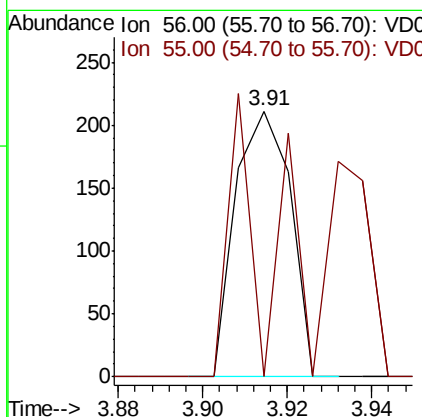
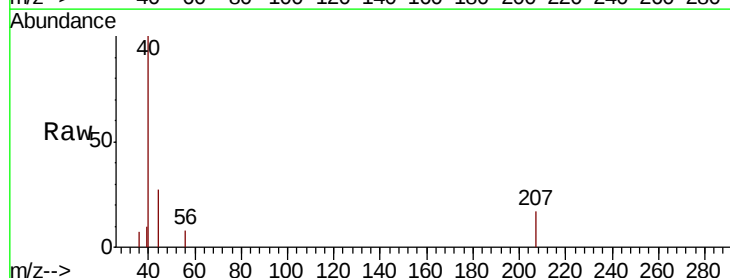
Tot Ion: 59 Resp: 2219
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#

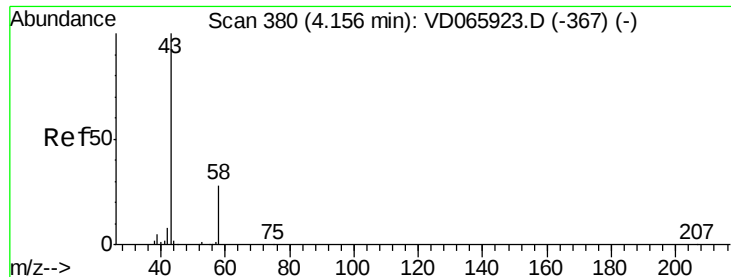


#13

Acrolein
 Concen: Below Cal
 RT: 3.91 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: VD065952.D
 Acq: 16 Jul 2020 12:42

Tgt Ion: 56 Resp: 191
 Ion Ratio Lower Upper
 56 100
 55 41.4 55.0 82.6#





#16

Acetone

Concen: 3.986 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065952.D

Acq: 16 Jul 2020 12:42

Instrument :

MSVOA_D

ClientSampleId :

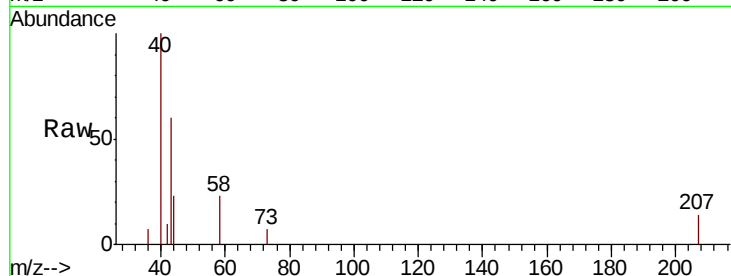
VD0716SBL01

Tot Ion: 43 Resp: 3570

Ion Ratio Lower Upper

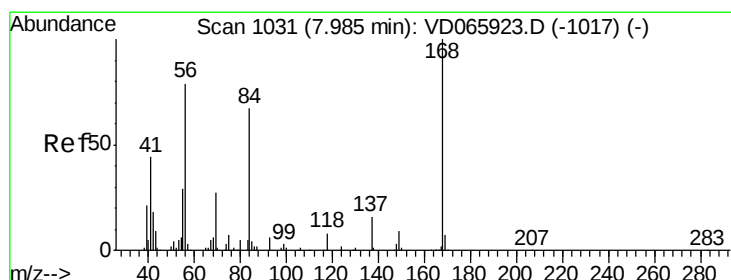
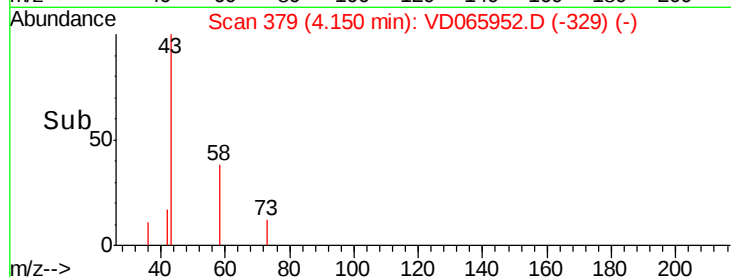
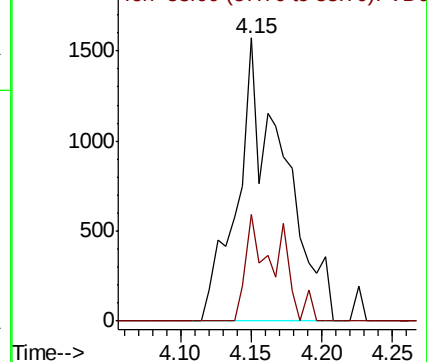
43 100

58 37.8 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#31

Cyclohexane

Concen: 1.349 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065952.D

Acq: 16 Jul 2020 12:42

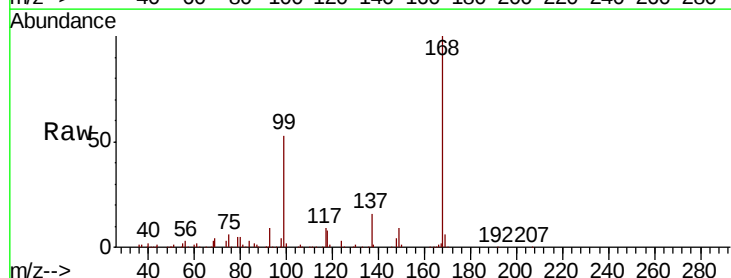
Tgt Ion: 56 Resp: 10530

Ion Ratio Lower Upper

56 100

69 164.8 27.4 41.0#

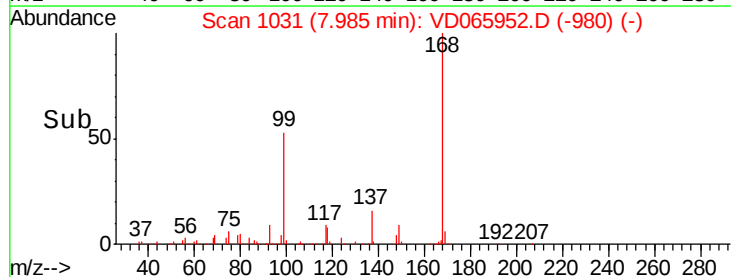
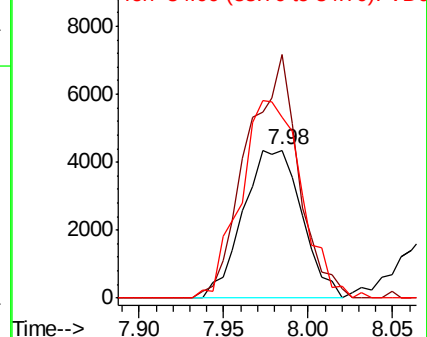
84 122.8 68.6 102.8#

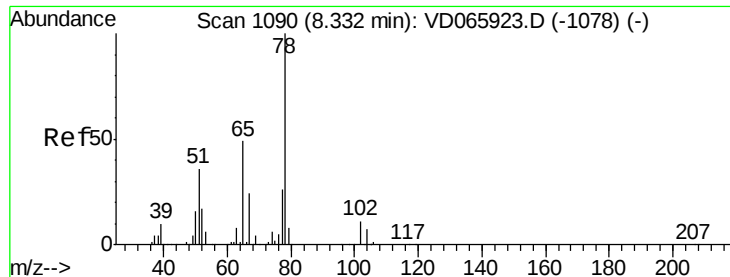


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

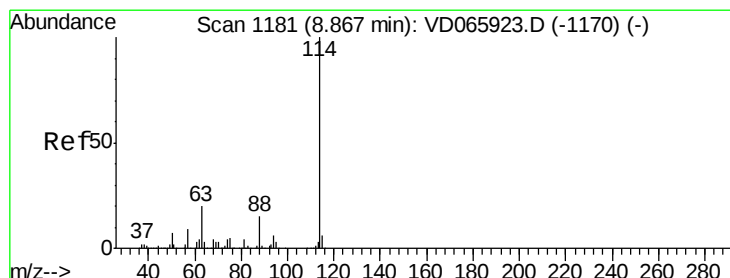
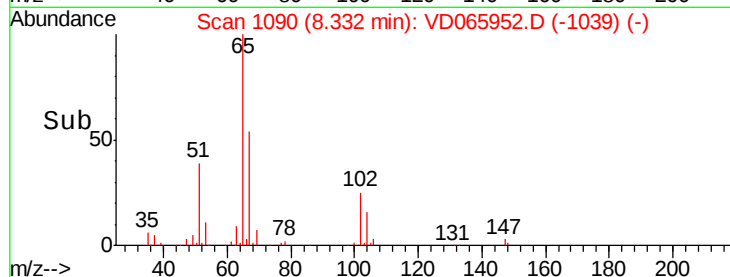
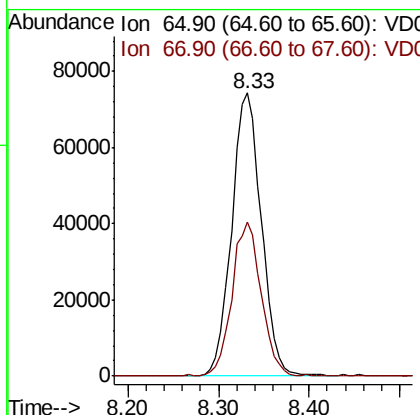
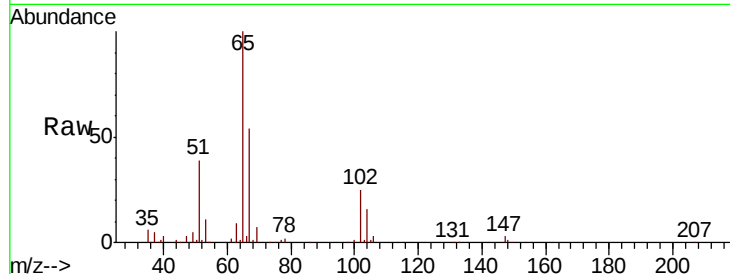




#33
 1,2-Dichloroethane-d4
 Concen: 44.293 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065952.D
 Acq: 16 Jul 2020 12:42

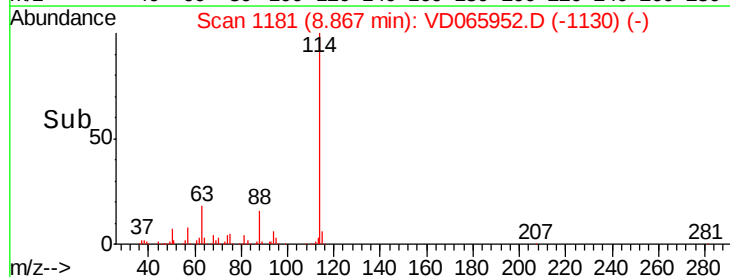
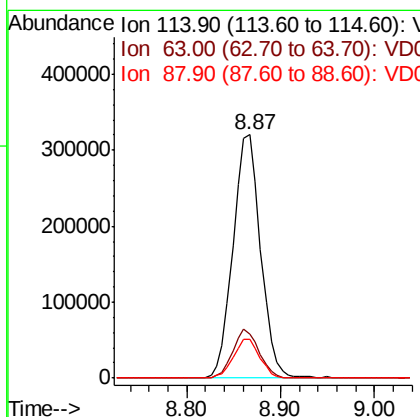
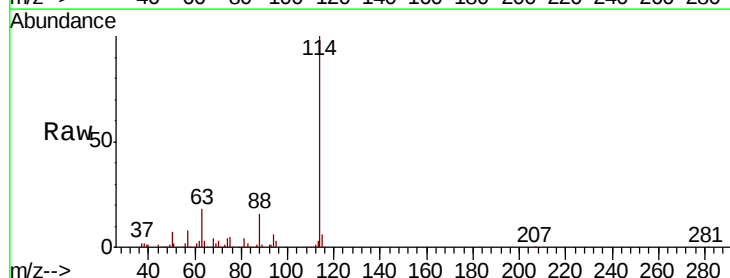
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0716SBL01

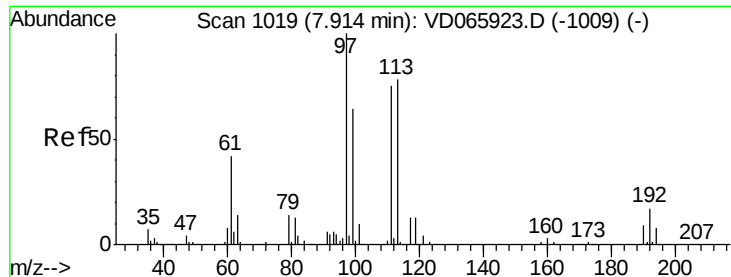
Tot Ion: 65 Resp: 169270
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065952.D
 Acq: 16 Jul 2020 12:42

Tgt Ion: 114 Resp: 651841
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.2
 88 15.9 0.0 30.0

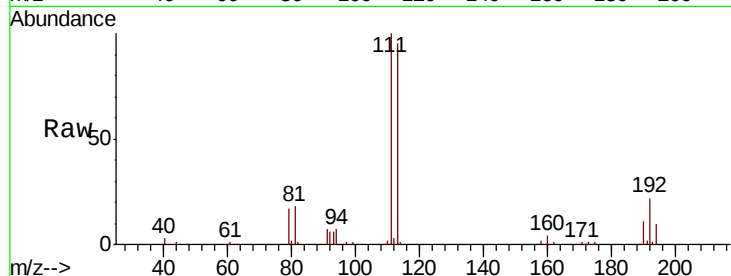




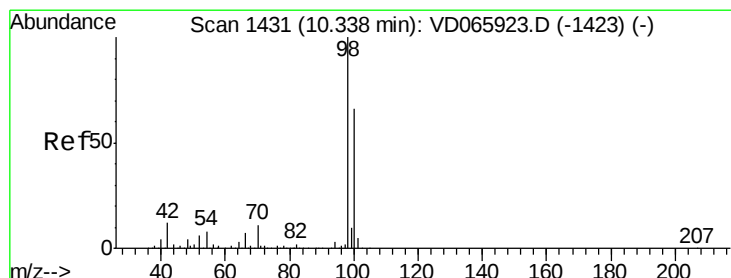
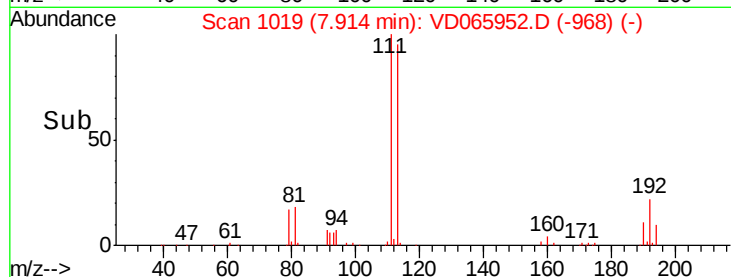
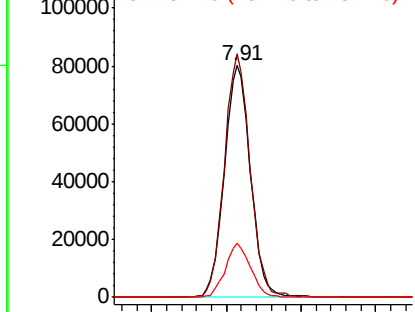
#35
Dibromofluoromethane
Concen: 48.585 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD065952.D
Acq: 16 Jul 2020 12:42

Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.9	121.3
192	22.5	17.1	25.7

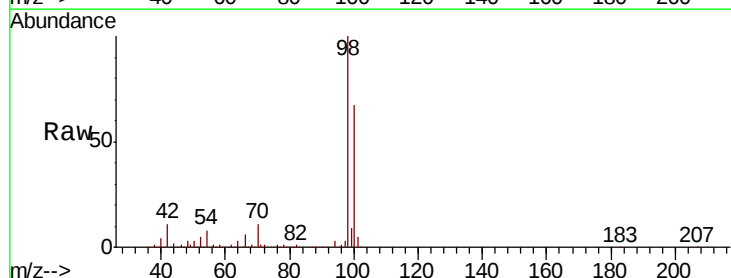


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

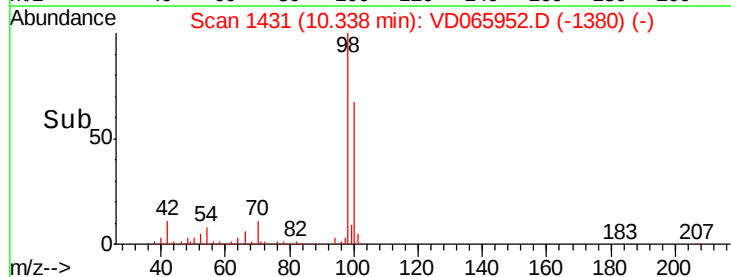
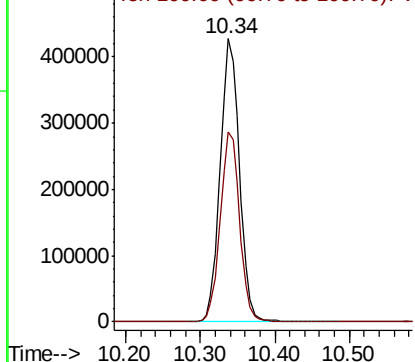


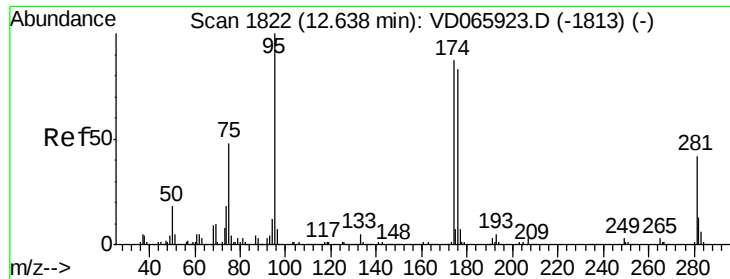
#50
Toluene-d8
Concen: 52.354 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD065952.D
Acq: 16 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

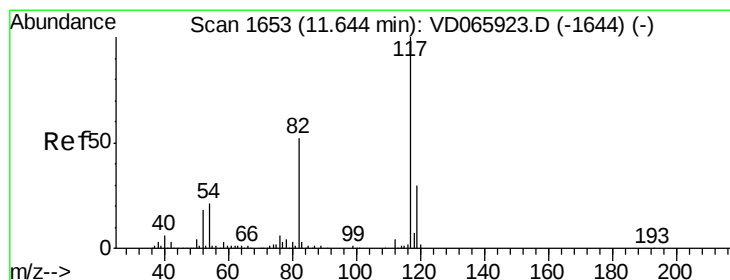
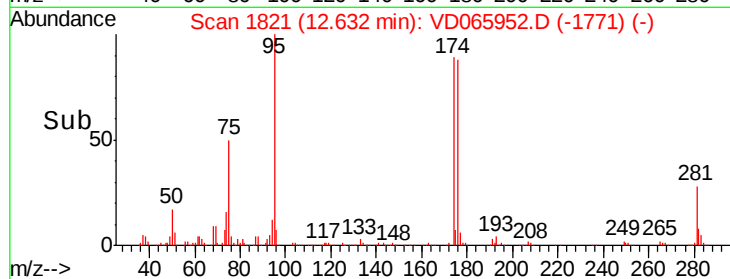
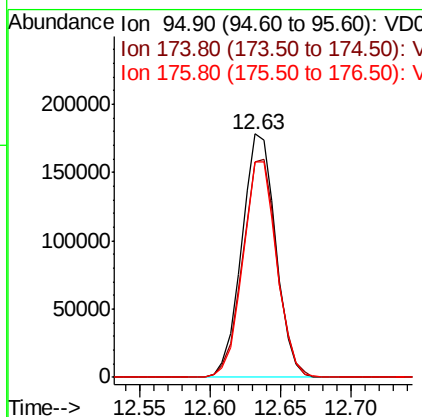
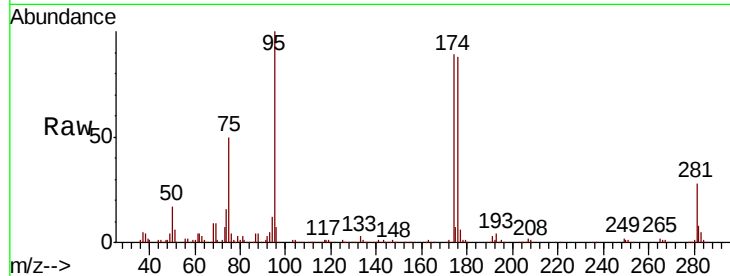




#62
4-Bromofluorobenzene
Concen: 59.633 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD065952.D
Acq: 16 Jul 2020 12:42

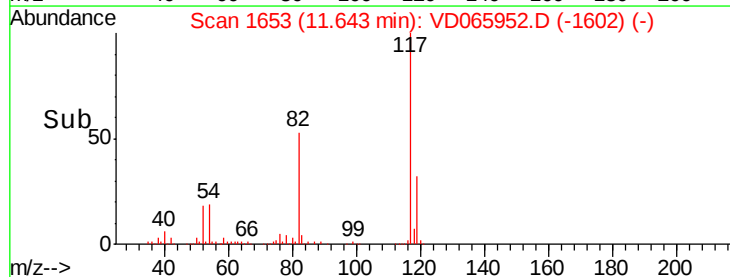
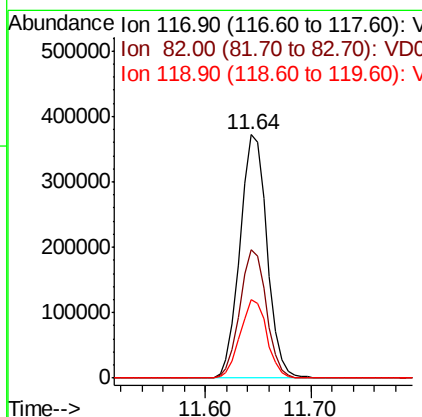
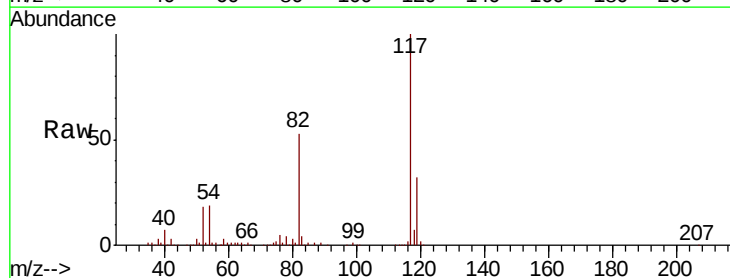
Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

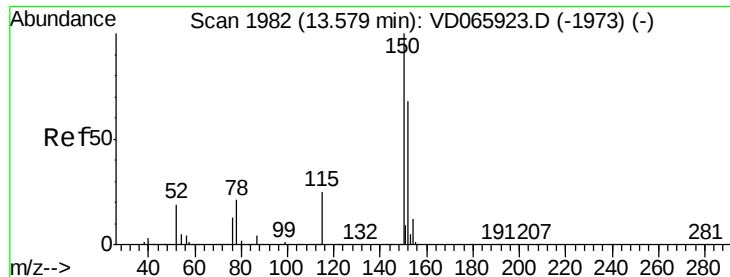
Tot Ion: 95 Resp: 300451
Ion Ratio Lower Upper
95 100
174 90.5 0.0 169.4
176 88.1 0.0 164.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD065952.D
Acq: 16 Jul 2020 12:42

Tgt Ion: 117 Resp: 660286
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.1 24.3 36.5



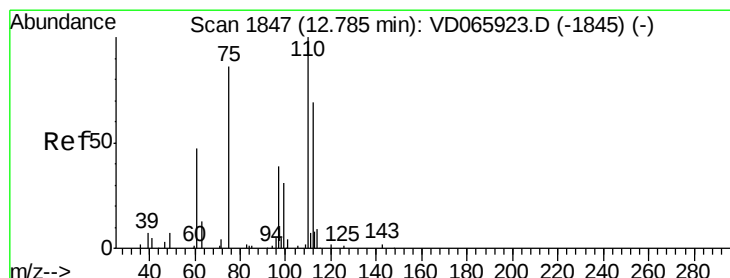
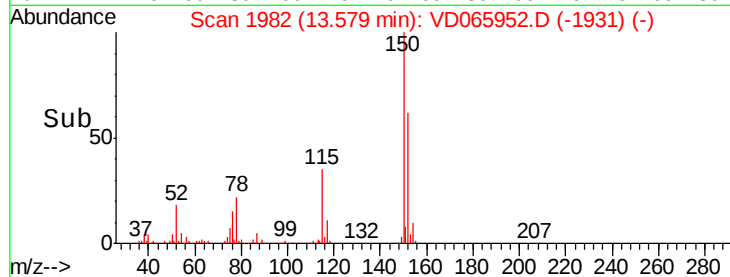
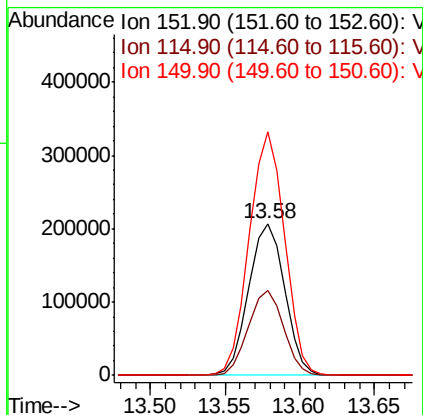
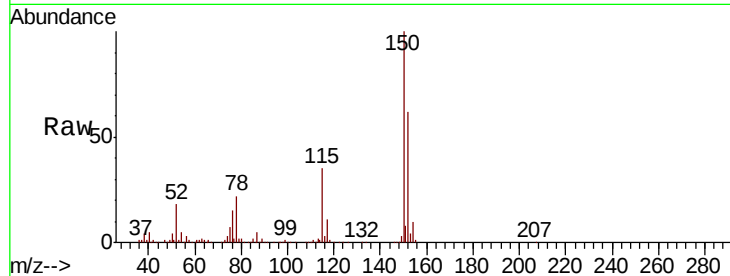


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065952.D
Acq: 16 Jul 2020 12:42

Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

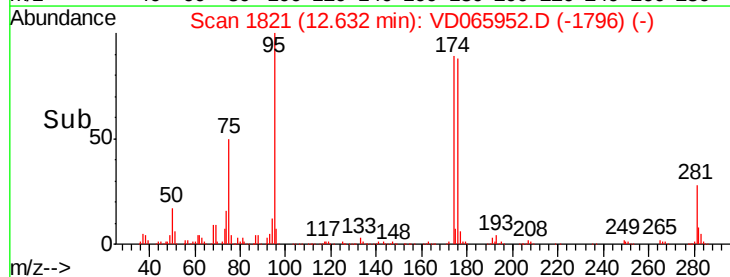
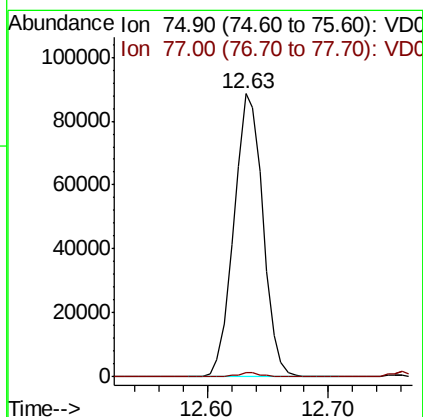
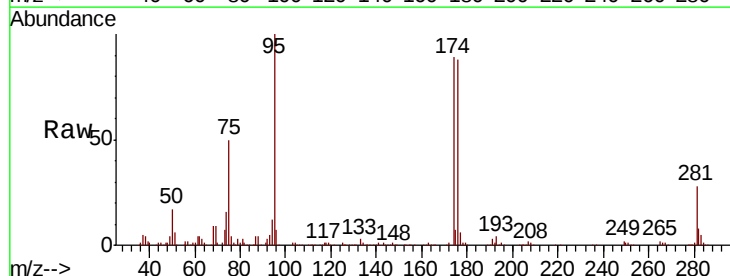
Tot Ion:152 Resp: 345062
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.3
150 157.5 0.0 347.2

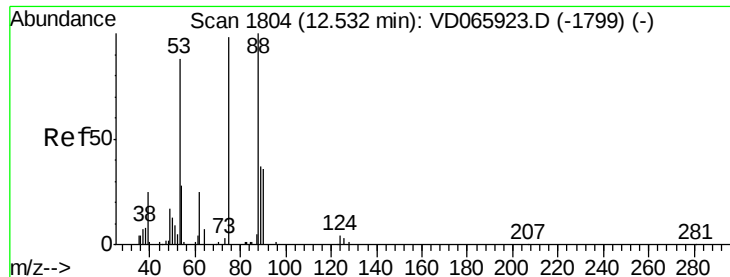


#76

1,2,3-Trichloropropane
Concen: 51.247 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD065952.D
Acq: 16 Jul 2020 12:42

Tgt Ion: 75 Resp: 148340
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 110.115 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD065952.D

Acq: 16 Jul 2020 12:42

Instrument :

MSVOA_D

ClientSampleId :

VD0716SBL01

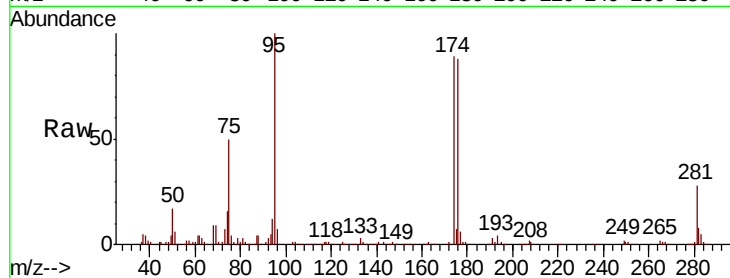
Tot Ion: 75 Resp: 148340

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

89 0.5 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC

