

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065955.D
 Acq On : 16 Jul 2020 14:22
 Operator : VA/SY
 Sample : L3183-06
 Misc : 7.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-071420

Quant Time: Jul 17 03:38:28 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

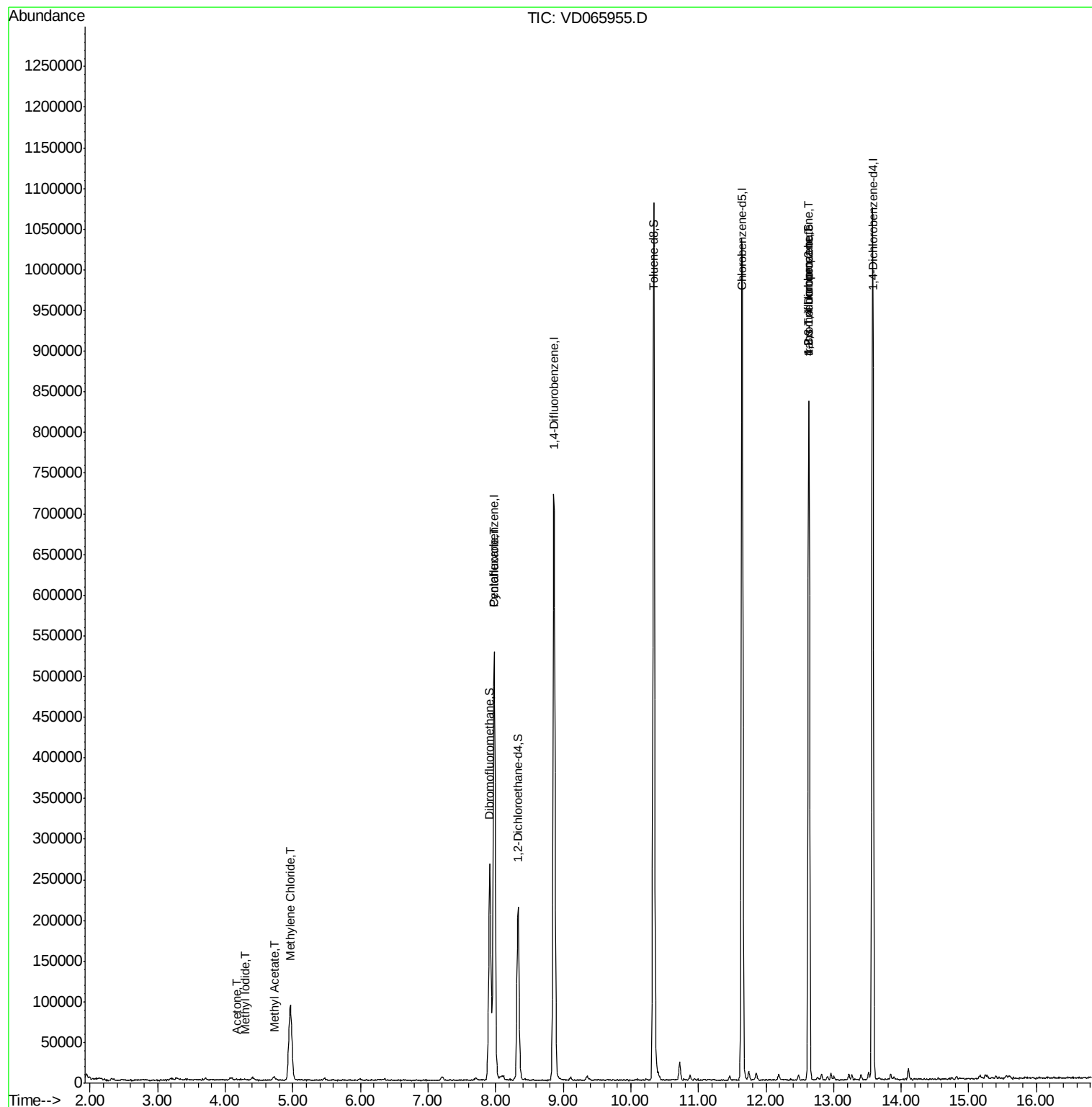
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	414696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	646074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	626892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	301319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	167259	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
35) Dibromofluoromethane	7.91	113	189952	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	10.34	98	750551	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.63	95	275606	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	1629	2.855	ug/l #	51
13) Acrolein	3.90	56	55	Below Cal	#	48
16) Acetone	4.17	43	2987	3.468	ug/l	94
18) Methyl Acetate	4.73	43	5054	2.503	ug/l	95
20) Methylene Chloride	4.96	84	73897	8.284	ug/l	91
31) Cyclohexane	7.99	56	9136	1.217	ug/l #	35
76) 1,2,3-Trichloropropane	12.63	75	133831	52.947	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	133831	113.767	ug/l #	11

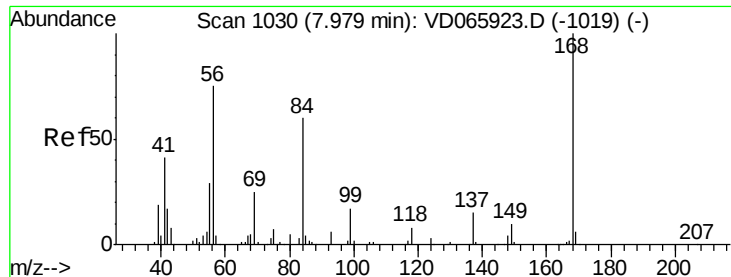
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071620\
Data File : VD065955.D
Acq On : 16 Jul 2020 14:22
Operator : VA/SY
Sample : L3183-06
Misc : 7.44G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-01-071420

Quant Time: Jul 17 03:38:28 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: VD065955.D

Acq: 16 Jul 2020 14:22

Instrument :

MSVOA_D

ClientSampleId :

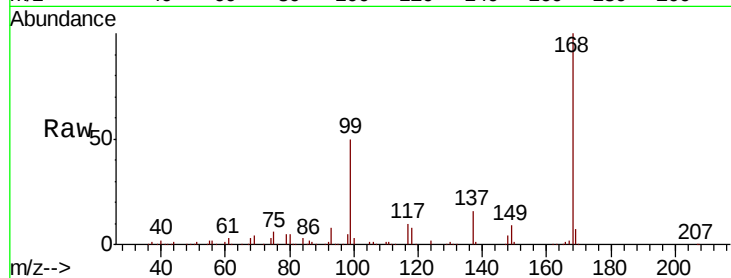
OK-01-071420

Tot Ion:168 Resp: 414696

Ion Ratio Lower Upper

168 100

99 49.4 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

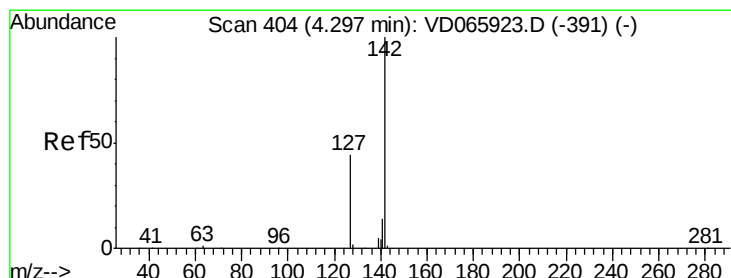
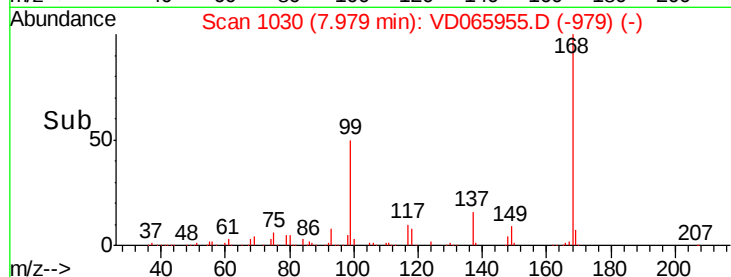
50000

0

Time-->

7.90

8.00



#10

Methyl Iodide

Concen: 2.855 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065955.D

Acq: 16 Jul 2020 14:22

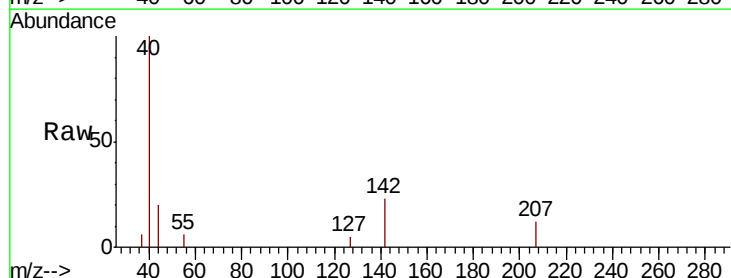
Tgt Ion:142 Resp: 1629

Ion Ratio Lower Upper

142 100

127 8.9 34.6 51.8#

141 0.0 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

800

600

400

200

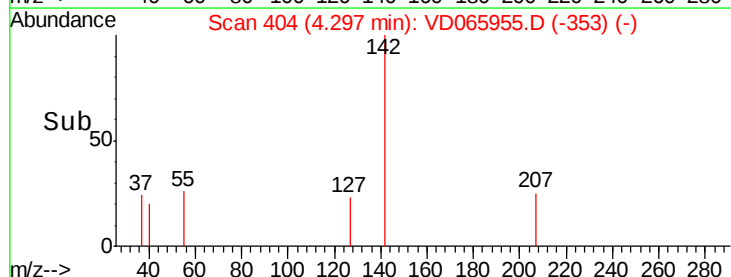
0

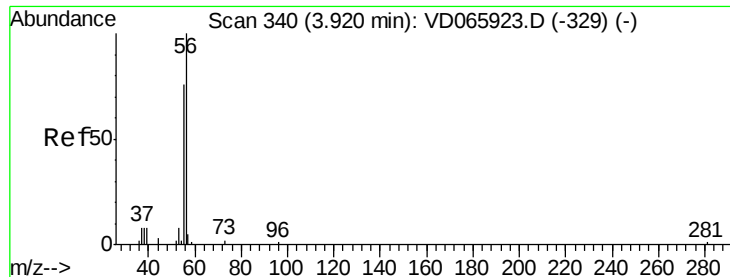
Time-->

4.25

4.30

4.35





#13

Acrolein

Concen: Below Cal

RT: 3.90 min Scan# 337

Delta R.T. -0.02 min

Lab File: VD065955.D

Acq: 16 Jul 2020 14:22

Instrument :

MSVOA_D

ClientSampleId :

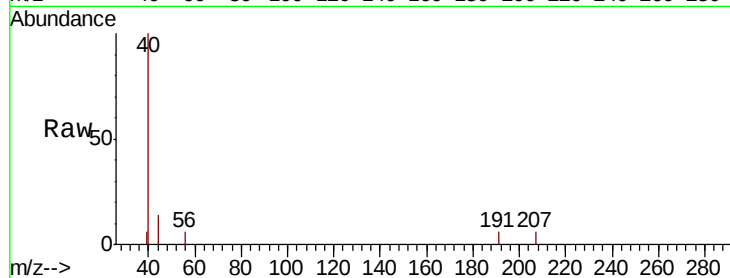
OK-01-071420

Tot Ion: 56 Resp: 55

Ion Ratio Lower Upper

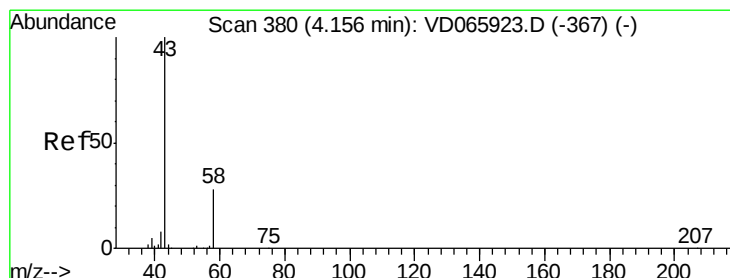
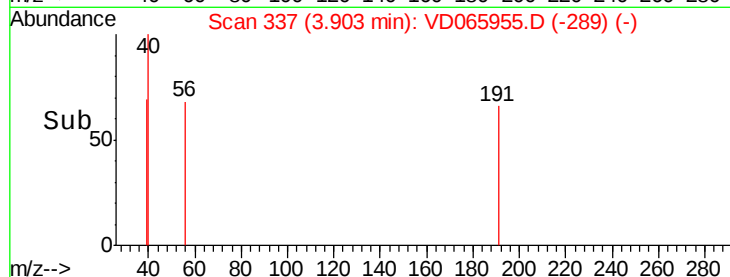
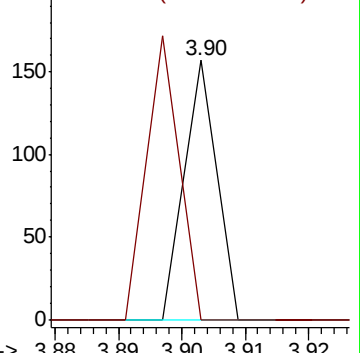
56 100

55 110.9 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: 3.468 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065955.D

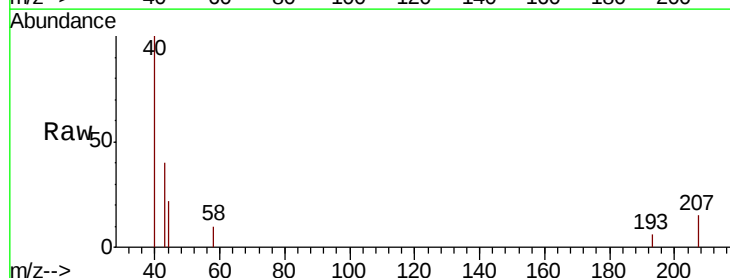
Acq: 16 Jul 2020 14:22

Tgt Ion: 43 Resp: 2987

Ion Ratio Lower Upper

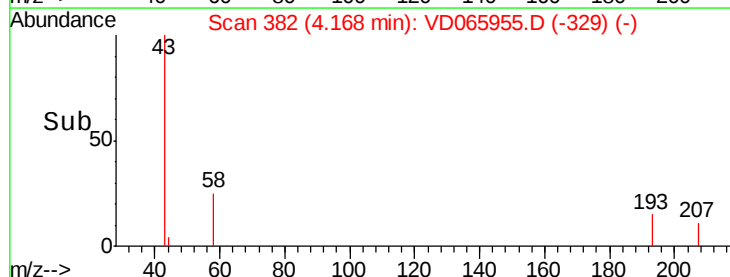
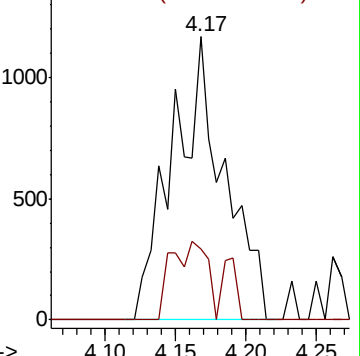
43 100

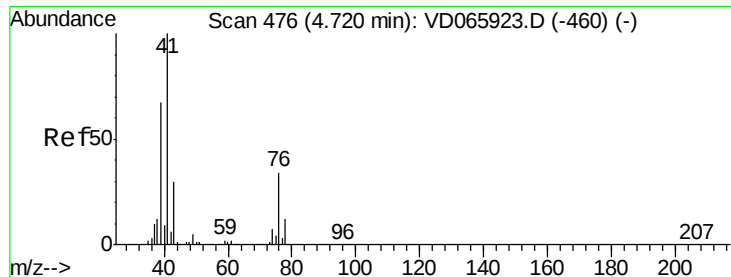
58 25.0 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

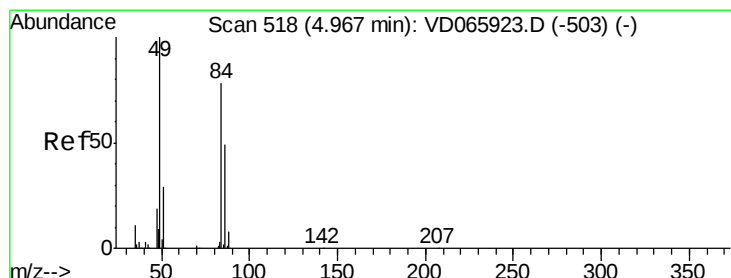
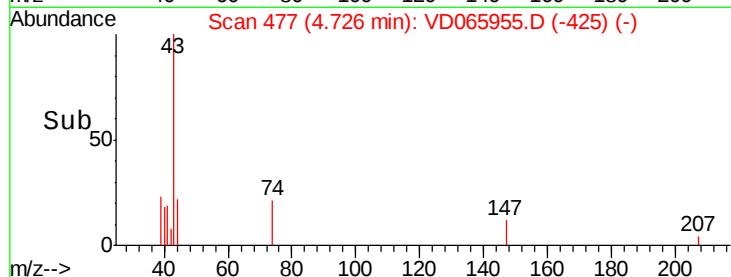
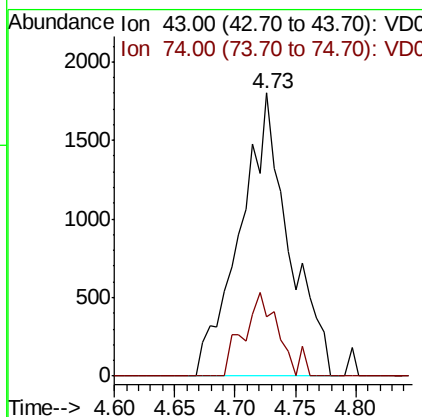
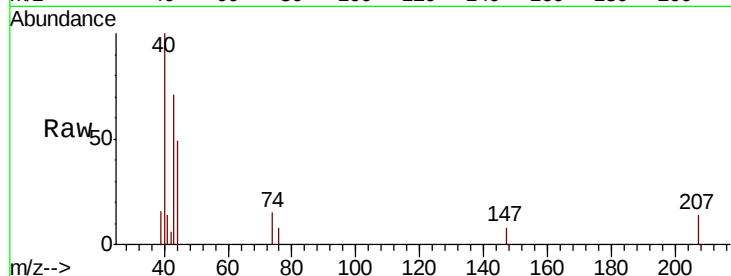




#18
Methyl Acetate
Concen: 2.503 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

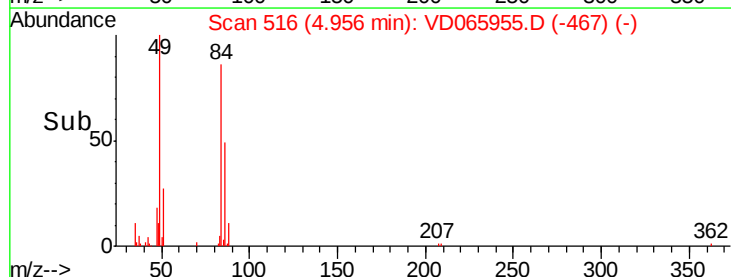
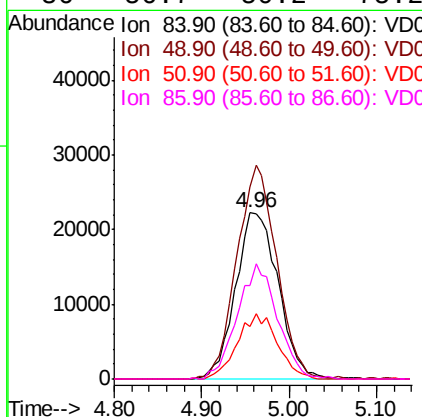
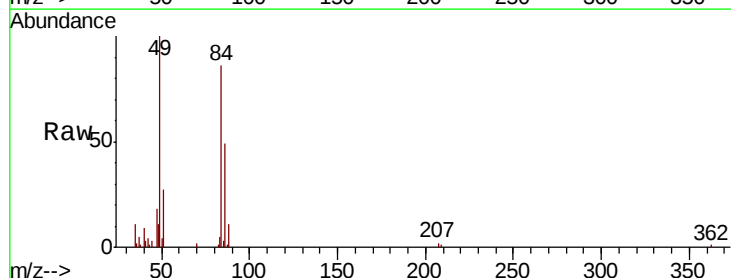
Instrument :
MSVOA_D
ClientSampleId :
OK-01-071420

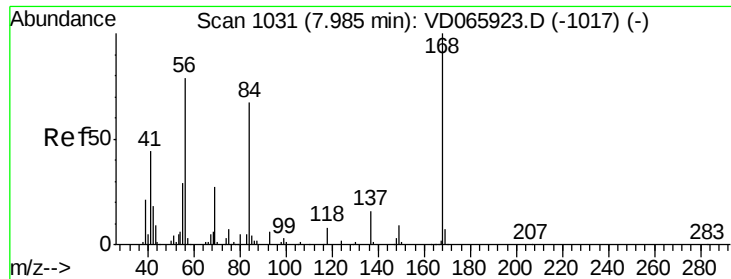
Tot Ion: 43 Resp: 5054
Ion Ratio Lower Upper
43 100
74 20.0 17.8 26.8



#20
Methylene Chloride
Concen: 8.284 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

Tgt Ion: 84 Resp: 73897
Ion Ratio Lower Upper
84 100
49 115.7 102.2 153.2
51 31.6 29.8 44.6
86 56.7 50.2 75.2

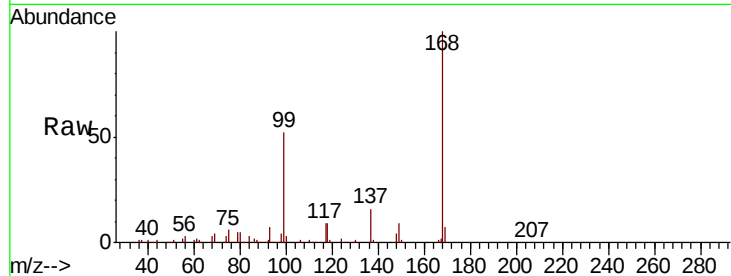




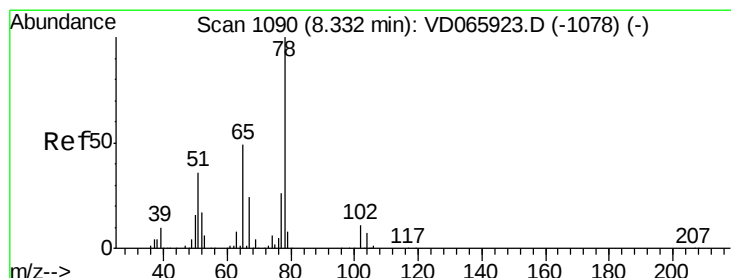
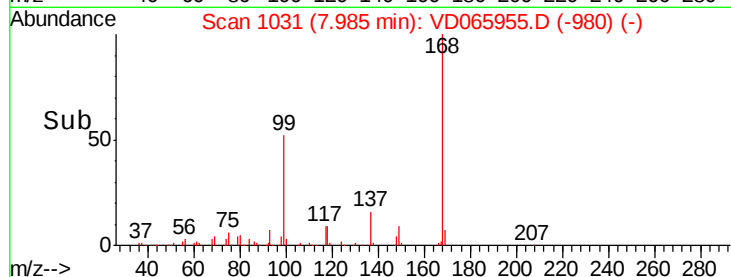
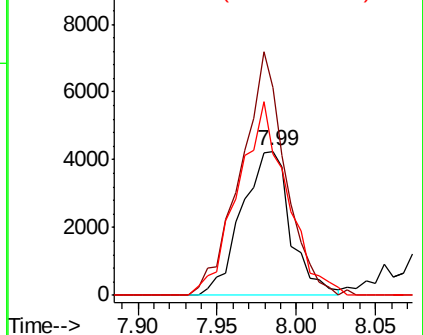
#31
Cyclohexane
Concen: 1.217 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

Instrument :
MSVOA_D
ClientSampleId :
OK-01-071420

Tot Ion: 56 Resp: 9136
Ion Ratio Lower Upper
56 100
69 144.3 27.4 41.0#
84 98.3 68.6 102.8

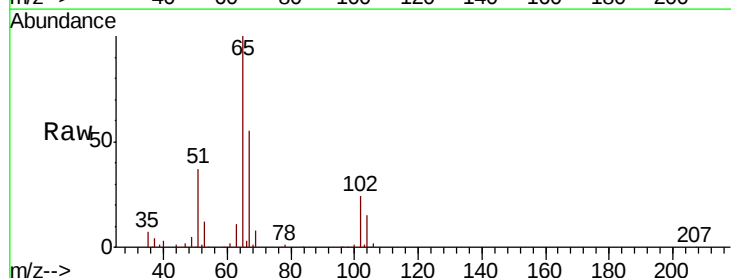


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

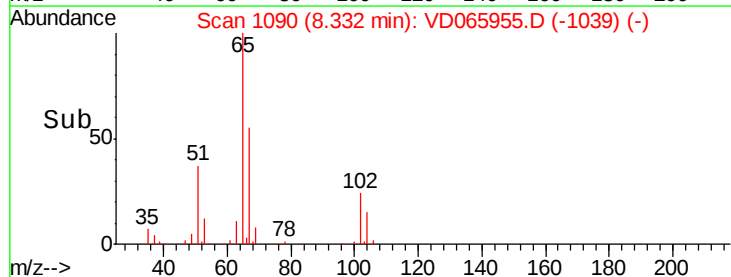
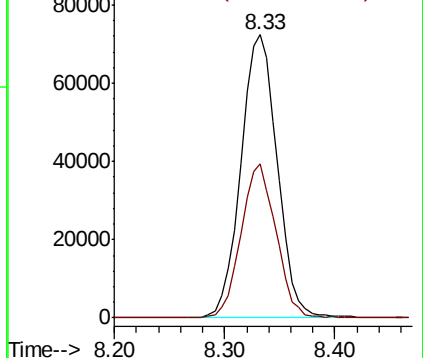


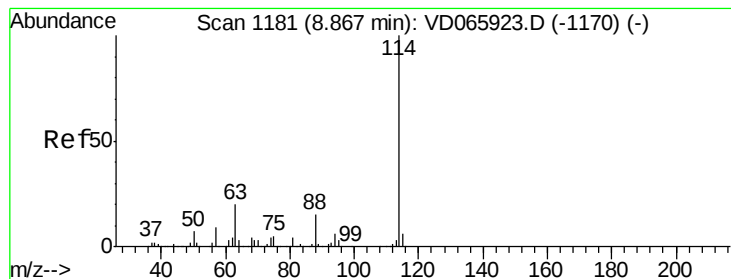
#33
1,2-Dichloroethane-d4
Concen: 45.511 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

Tgt Ion: 65 Resp: 167259
Ion Ratio Lower Upper
65 100
67 52.3 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: VD065955.D

Acq: 16 Jul 2020 14:22

Instrument :

MSVOA_D

ClientSampleId :

OK-01-071420

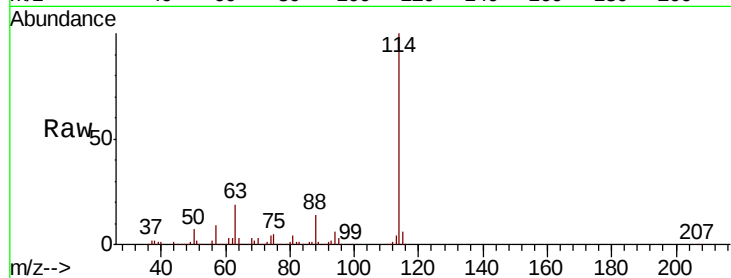
Tot Ion:114 Resp: 646074

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

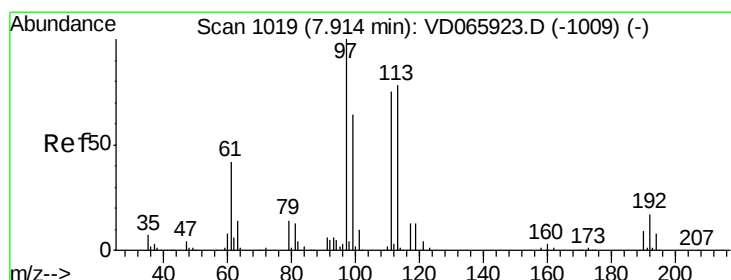
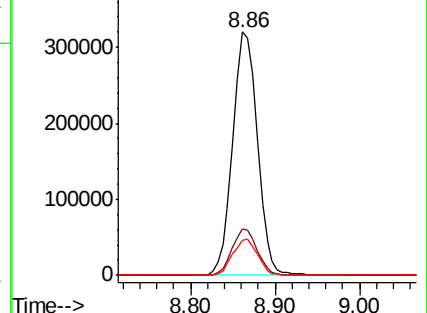
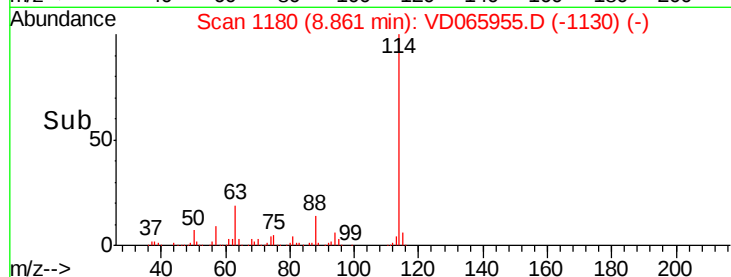
88 14.2 0.0 30.0



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: 47.660 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD065955.D

Acq: 16 Jul 2020 14:22

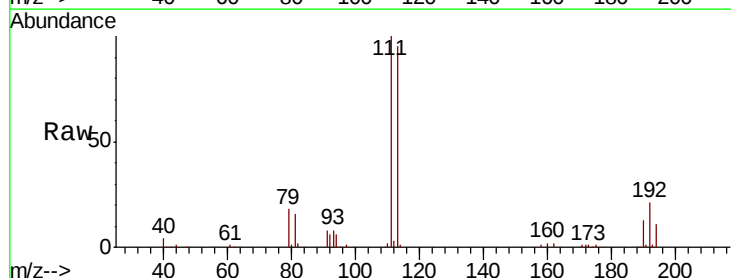
Tgt Ion:113 Resp: 189952

Ion Ratio Lower Upper

113 100

111 103.6 80.9 121.3

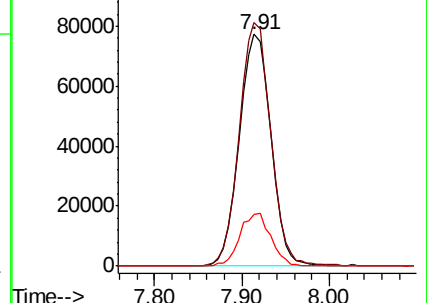
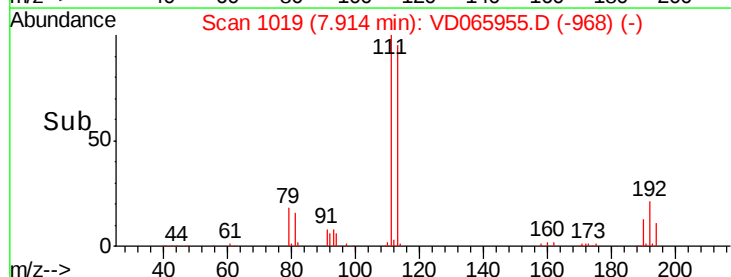
192 22.1 17.1 25.7

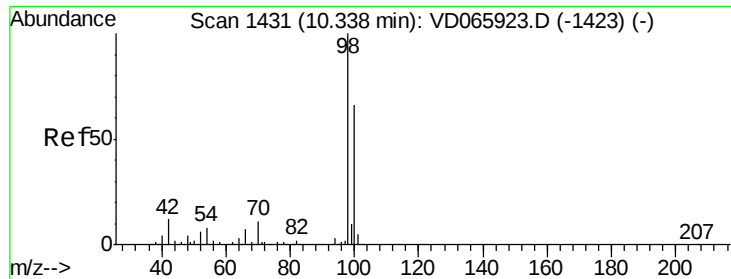


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

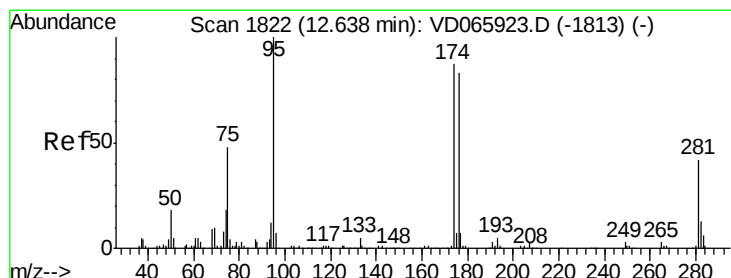
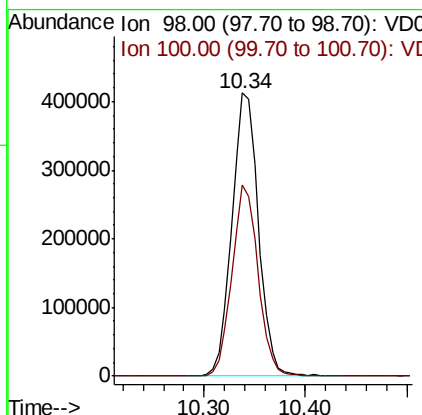
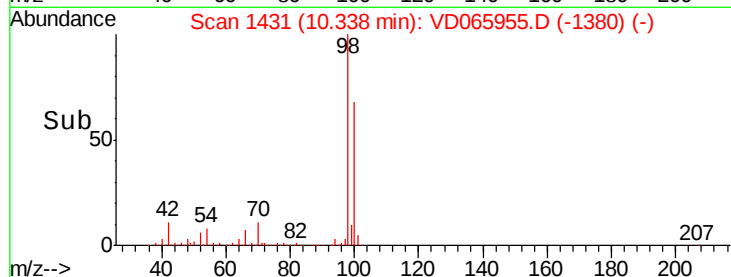
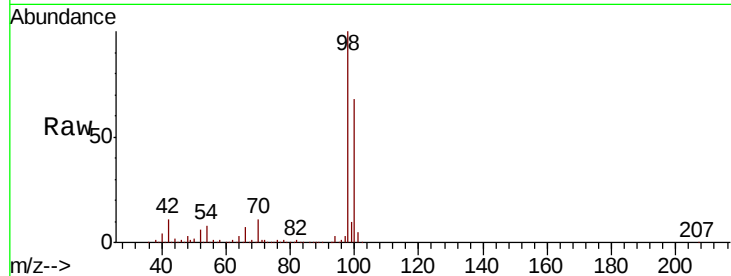




#50
Toluene-d8
Concen: 51.613 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

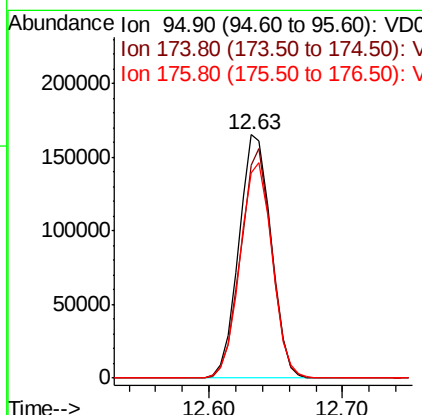
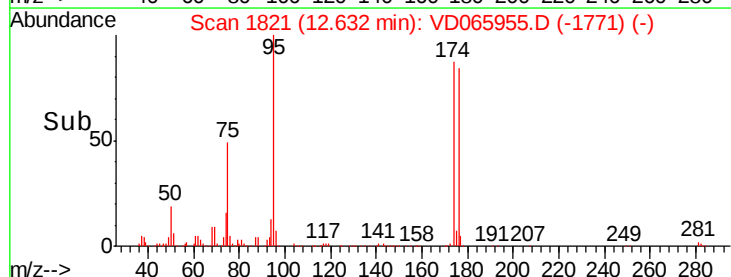
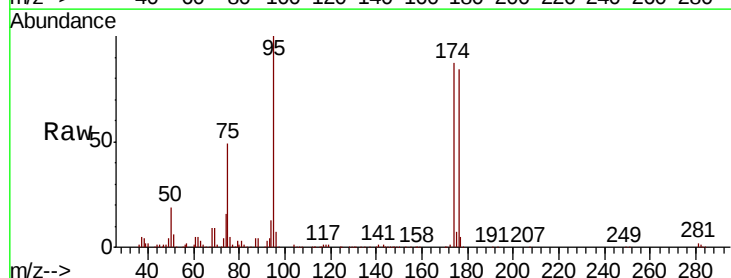
Instrument :
MSVOA_D
ClientSampleId :
OK-01-071420

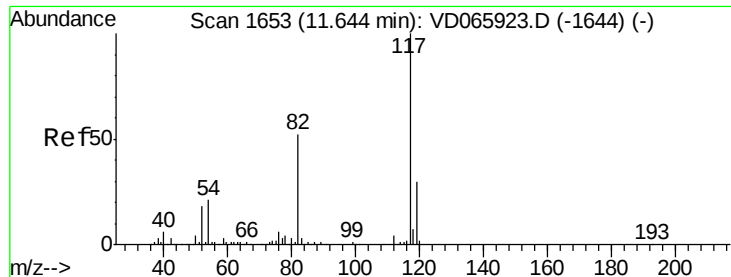
Tot Ion: 98 Resp: 750551
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 55.190 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

Tgt Ion: 95 Resp: 275606
Ion Ratio Lower Upper
95 100
174 90.9 0.0 169.4
176 88.3 0.0 164.0

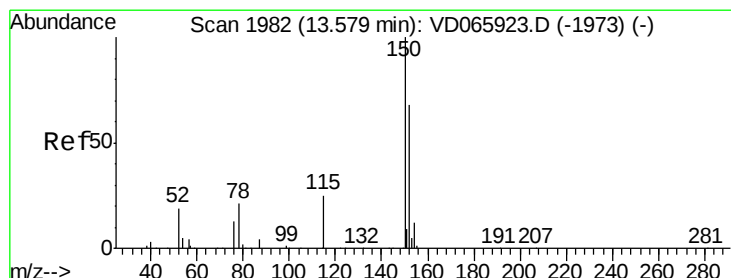
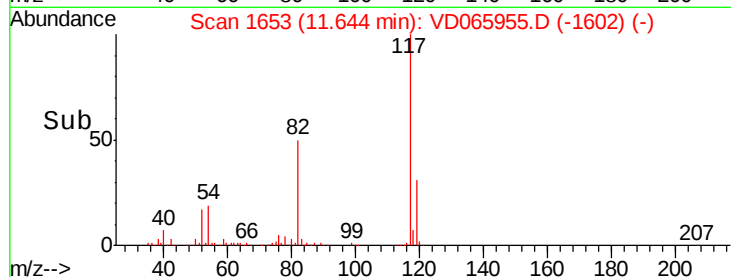
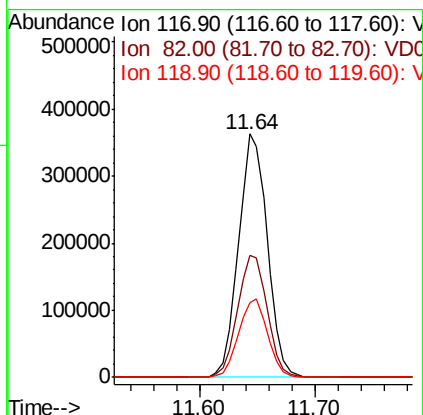
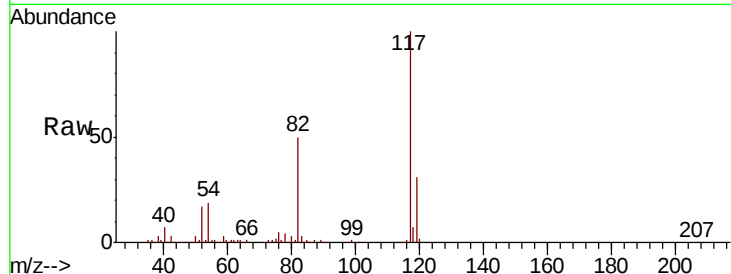




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

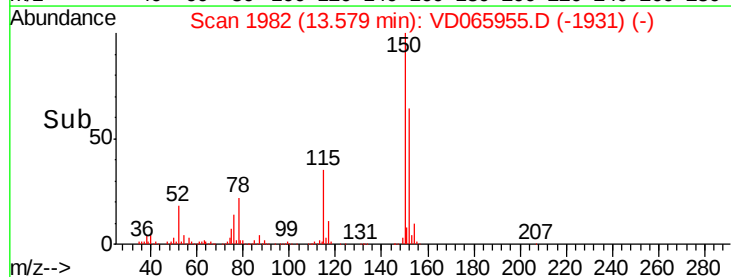
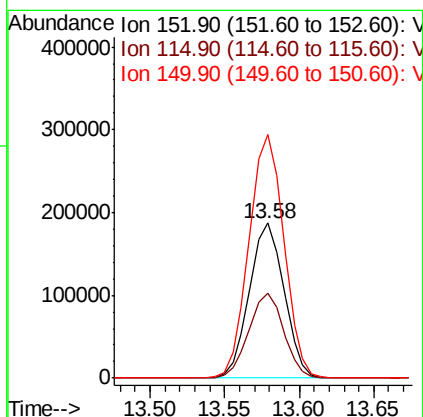
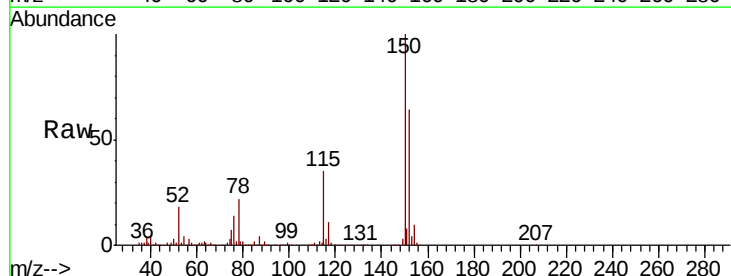
Instrument :
MSVOA_D
ClientSampleId :
OK-01-071420

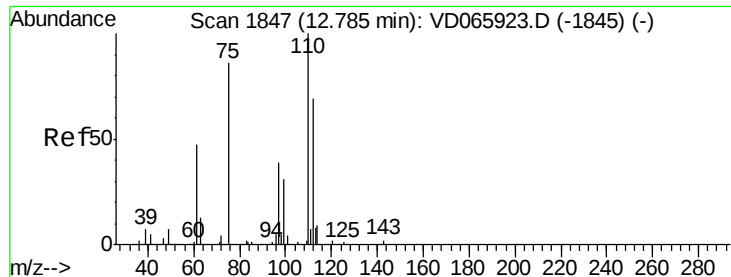
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.8	62.8
119	30.7	24.3	36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.3
150	157.9	0.0	347.2





#76

1,2,3-Trichloropropane

Concen: 52.947 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD065955.D

Acq: 16 Jul 2020 14:22

Instrument :

MSVOA_D

ClientSampleId :

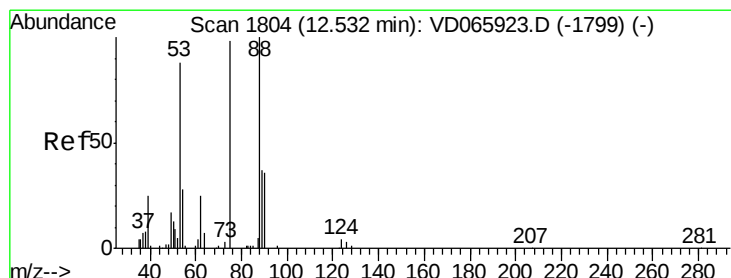
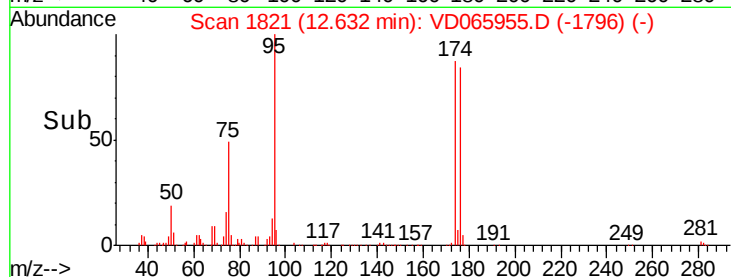
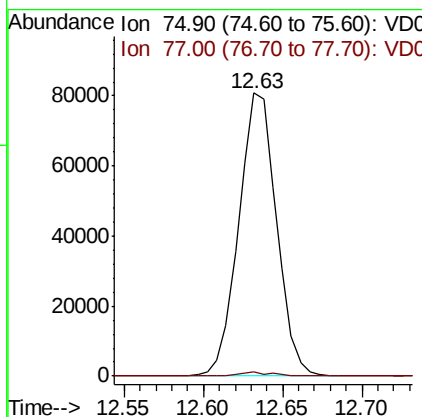
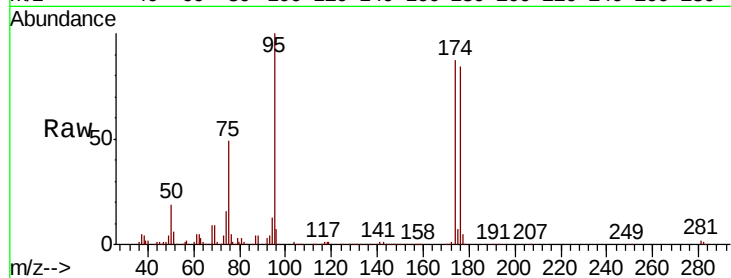
OK-01-071420

Tot Ion: 75 Resp: 133831

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.767 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD065955.D

Acq: 16 Jul 2020 14:22

Tgt Ion: 75 Resp: 133831

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

89 0.2 37.5 56.3#

