

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065813.D
 Acq On : 18 Jun 2020 17:28
 Operator : VA/SY
 Sample : L3024-07
 Misc : 7.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-16

Quant Time: Jun 19 01:03:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	154565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	261776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	223143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	81579	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	85546	56.01	ug/l	0.00
Spiked Amount			Recovery	=	112.02%	
35) Dibromofluoromethane	7.92	113	84113	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
50) Toluene-d8	10.34	98	292110	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	12.64	95	79123	37.84	ug/l	0.00
Spiked Amount			Recovery	=	75.68%	

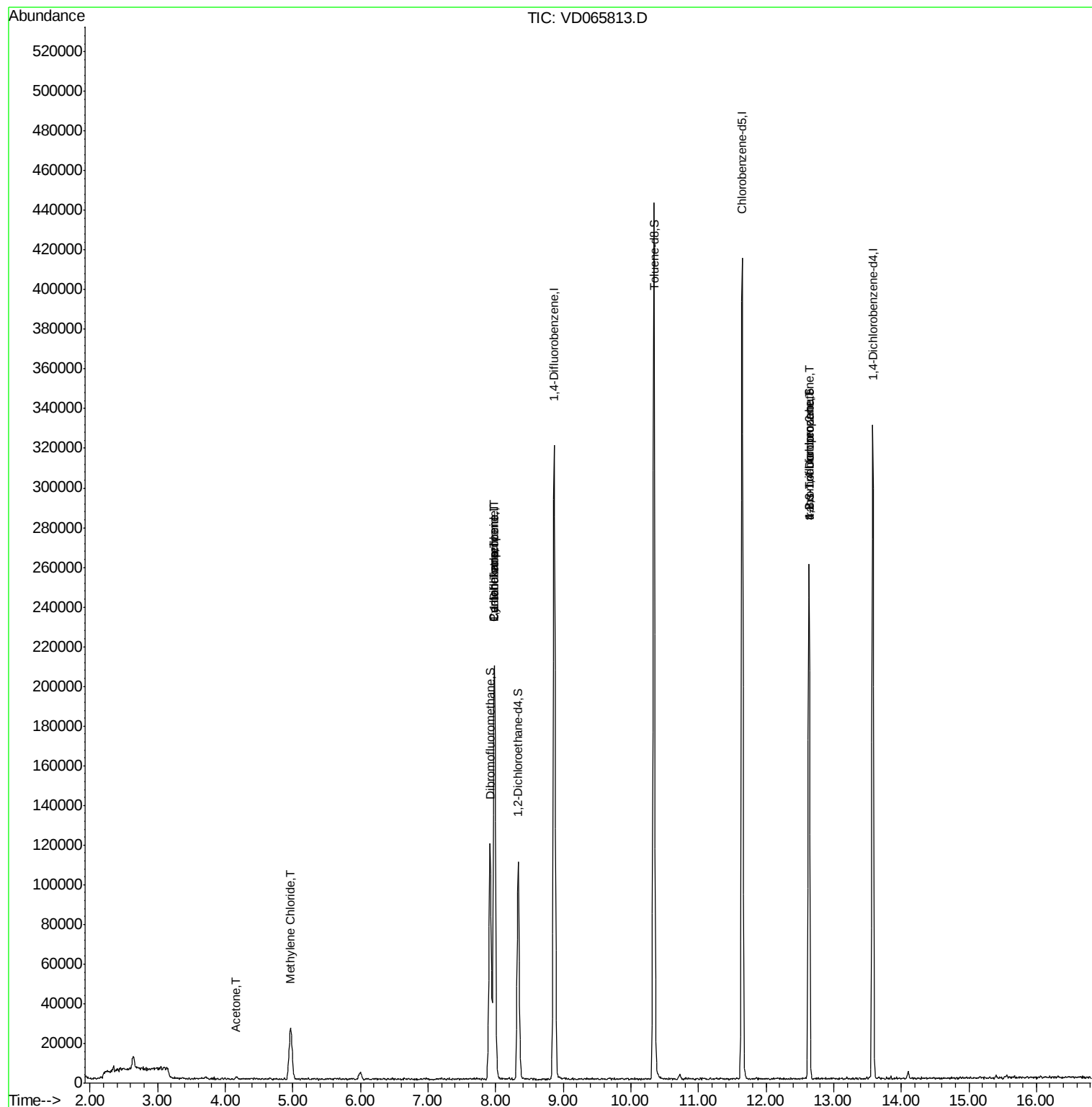
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	303	Below Cal	#	46
16) Acetone	4.16	43	1521	5.279	ug/l #	47
18) Methyl Acetate	4.71	43	78	Below Cal	#	52
20) Methylene Chloride	4.96	84	18787	8.594	ug/l	94
31) Cyclohexane	7.98	56	4010	1.464	ug/l #	24
36) 1,1-Dichloropropene	7.98	75	13124	5.234	ug/l #	51
38) Carbon Tetrachloride	7.98	117	17332	6.567	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	43804	69.042	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	43804	149.174	ug/l #	9

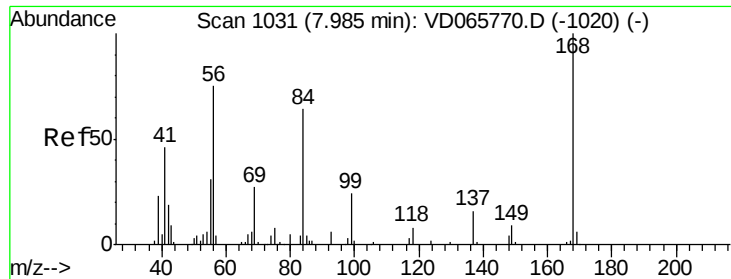
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061820\
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Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065813.D

Acq: 18 Jun 2020 17:28

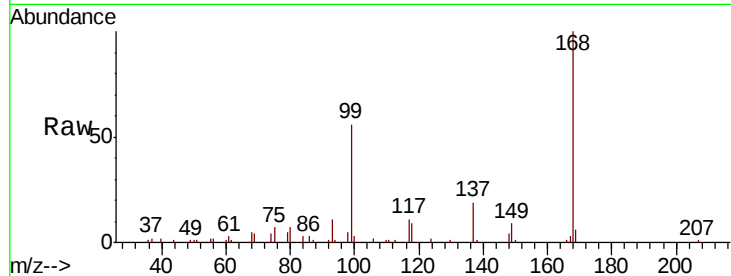
Instrument :
MSVOA_D
ClientSampleId :
RO-16

Tot Ion:168 Resp: 154565

Ion Ratio Lower Upper

168 100

99 56.3 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

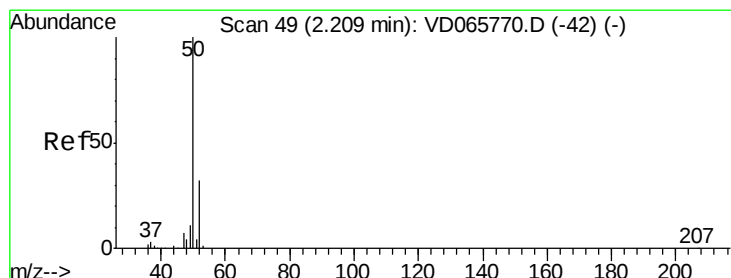
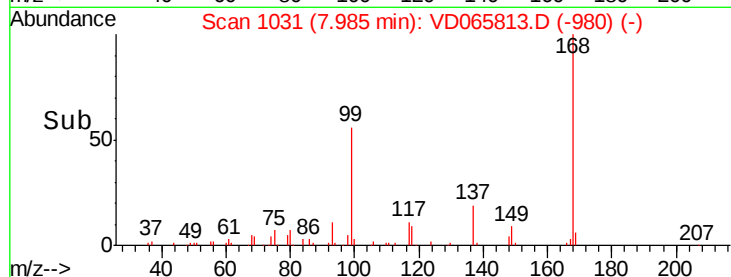
40000

20000

0

7.90 8.00 8.10

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065813.D

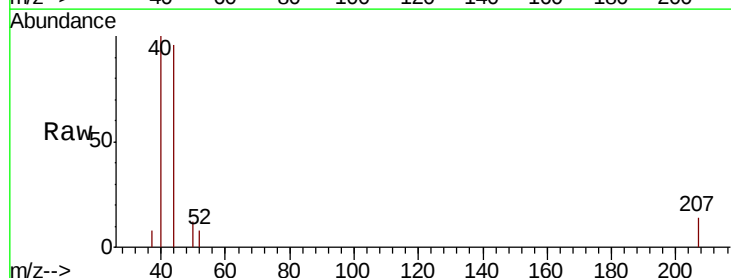
Acq: 18 Jun 2020 17:28

Tgt Ion: 50 Resp: 303

Ion Ratio Lower Upper

50 100

52 61.9 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

300

250

200

150

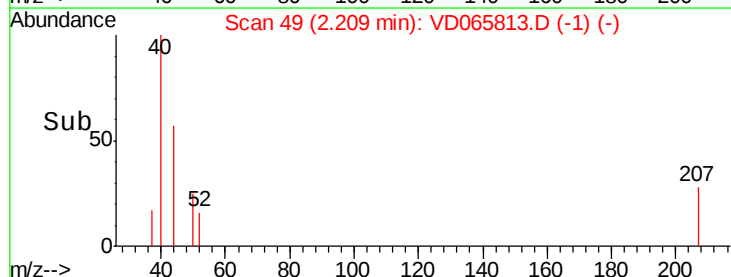
100

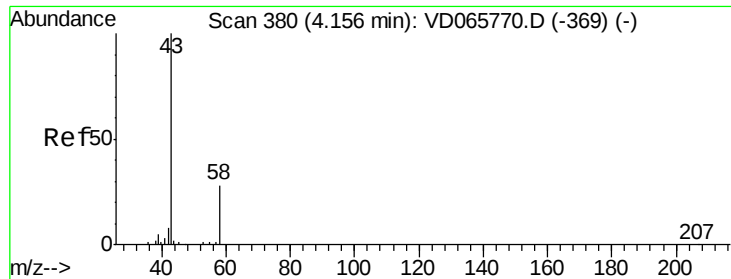
50

0

2.18 2.20 2.22 2.24

Time-->





#16

Acetone

Concen: 5.279 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065813.D

Acq: 18 Jun 2020 17:28

Instrument :

MSVOA_D

ClientSampleId :

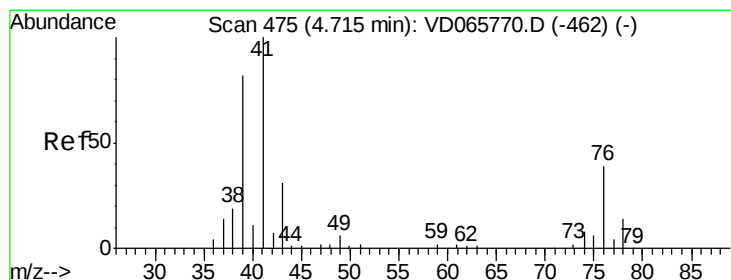
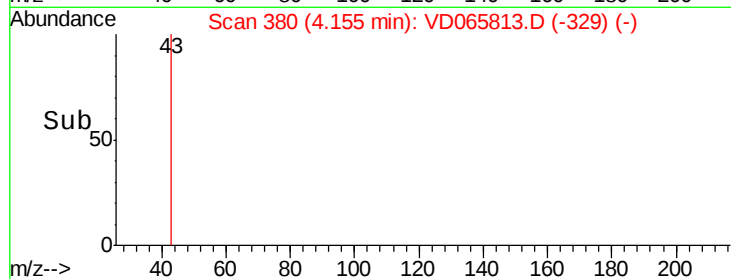
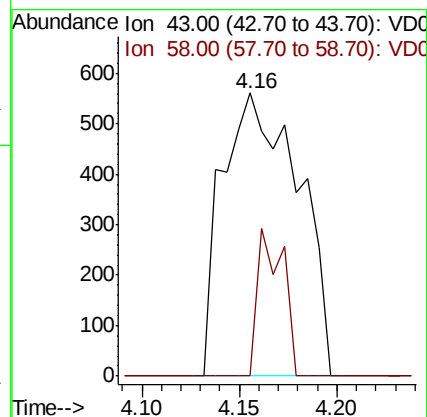
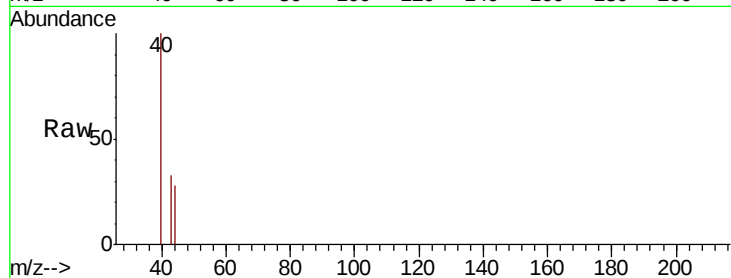
RO-16

Tot Ion: 43 Resp: 1521

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065813.D

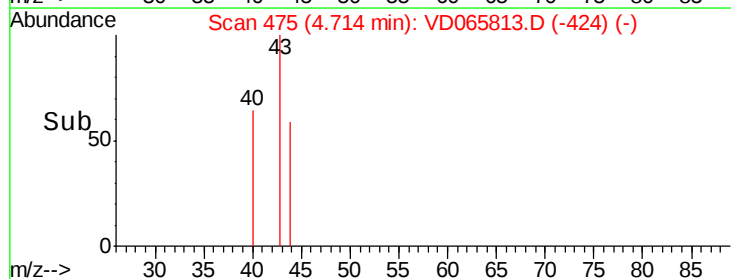
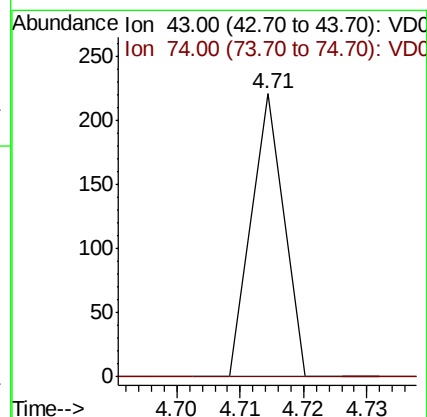
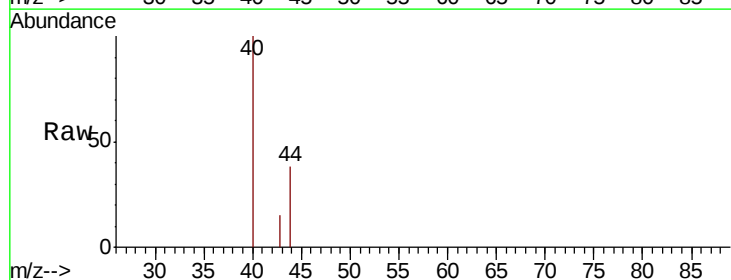
Acq: 18 Jun 2020 17:28

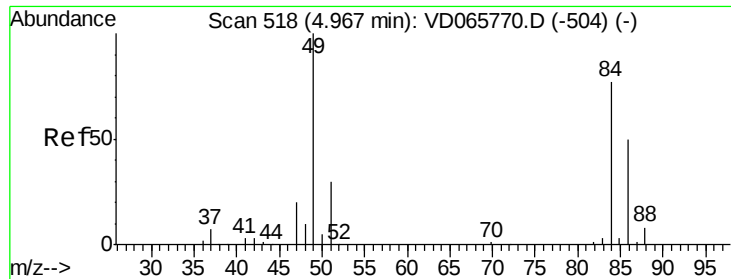
Tgt Ion: 43 Resp: 78

Ion Ratio Lower Upper

43 100

74 0.0 18.7 28.1#

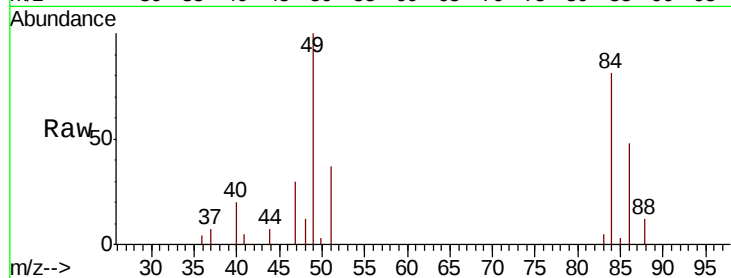




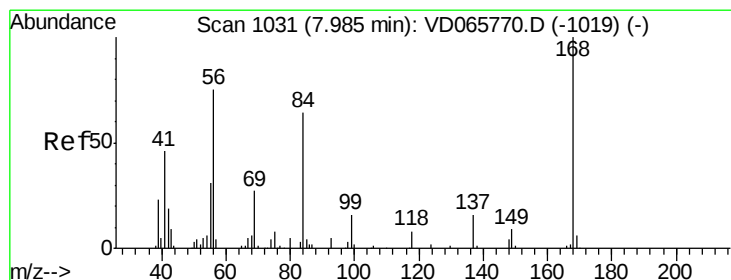
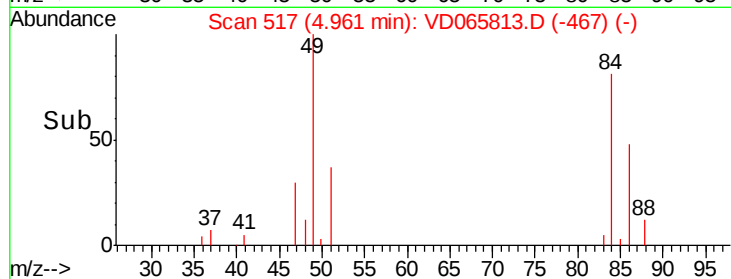
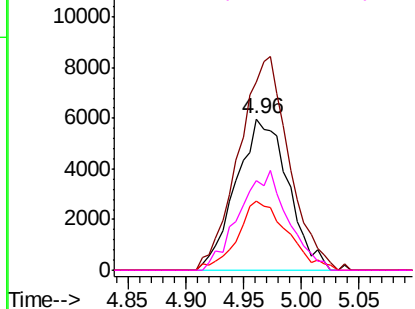
#20
Methvlene Chloride
Concen: 8.594 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065813.D
Acq: 18 Jun 2020 17:28

Instrument :
MSVOA_D
ClientSampleId :
RO-16

Tot Ion: 84	Resp: 18787
Ion Ratio	Lower Upper
84 100	
49 124.1	103.4 155.0
51 45.4	31.4 47.2
86 59.6	51.7 77.5

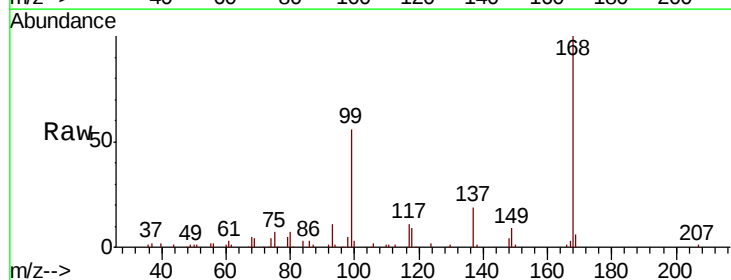


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

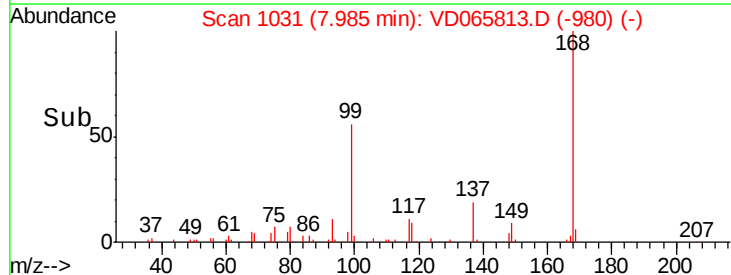
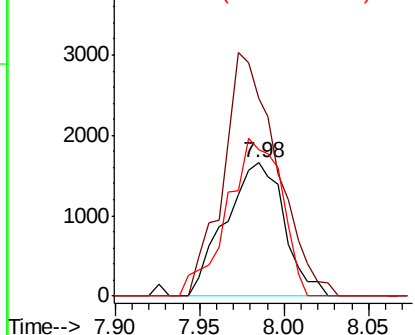


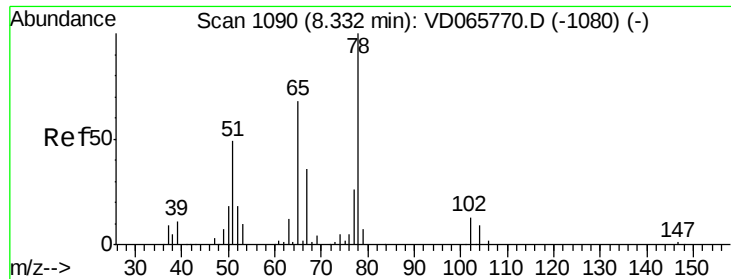
#31
Cyclohexane
Concen: 1.464 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065813.D
Acq: 18 Jun 2020 17:28

Tgt	Ion: 56	Resp:	4010
Ion	Ratio	Lower	Upper
56	100		
69	148.6	28.5	42.7#
84	109.9	68.4	102.6#



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

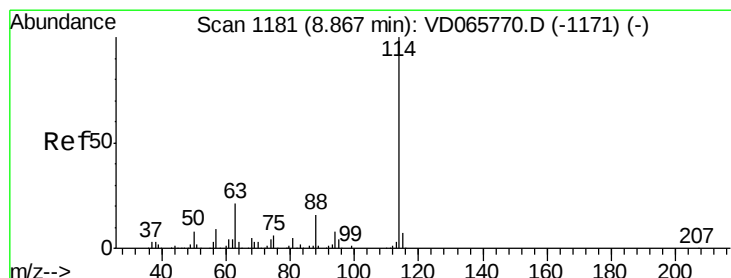
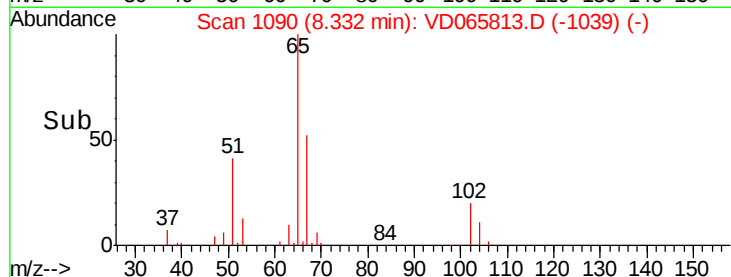
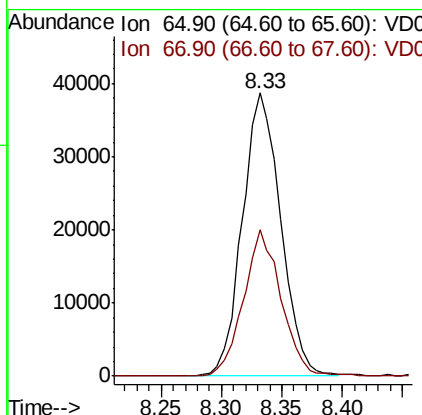
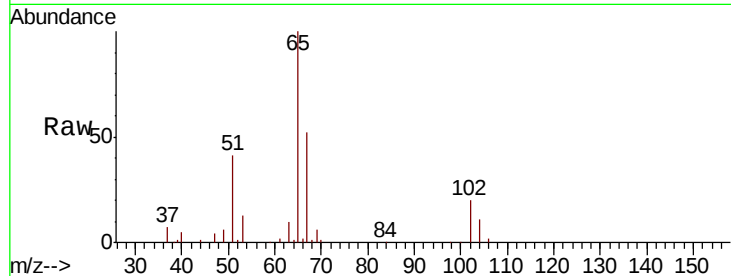




#33
 1,2-Dichloroethane-d4
 Concen: 56.011 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065813.D
 Acq: 18 Jun 2020 17:28

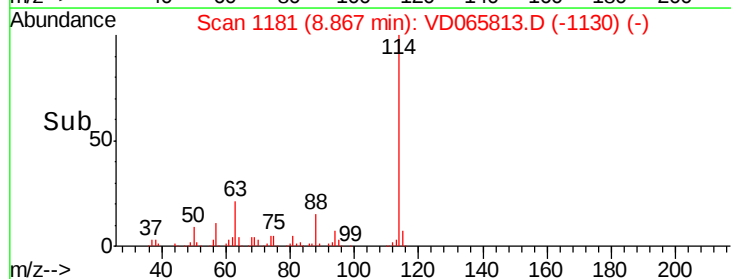
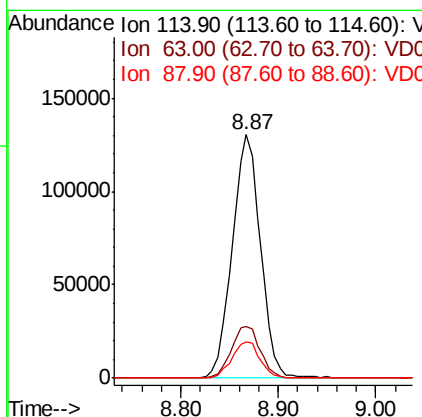
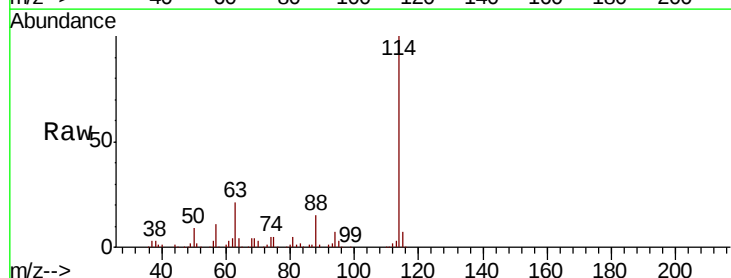
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-16

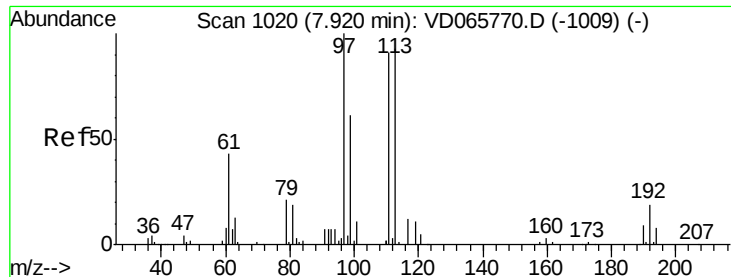
Tot Ion: 65 Resp: 85546
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065813.D
 Acq: 18 Jun 2020 17:28

Tgt Ion: 114 Resp: 261776
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.8
 88 15.1 0.0 32.0

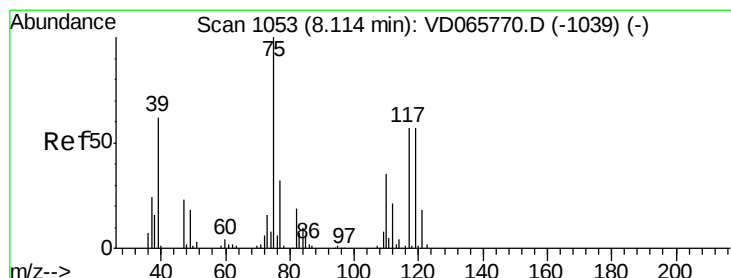
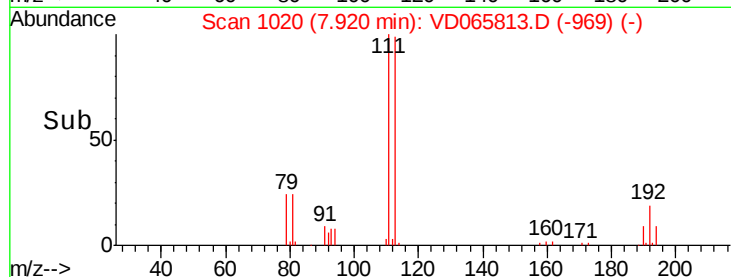
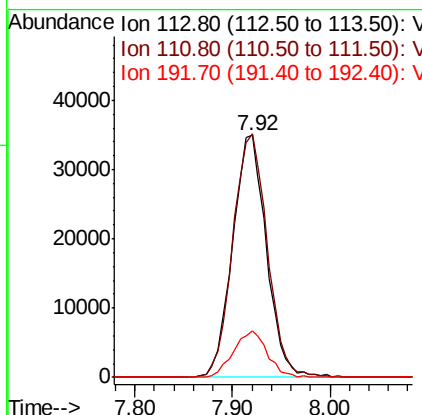
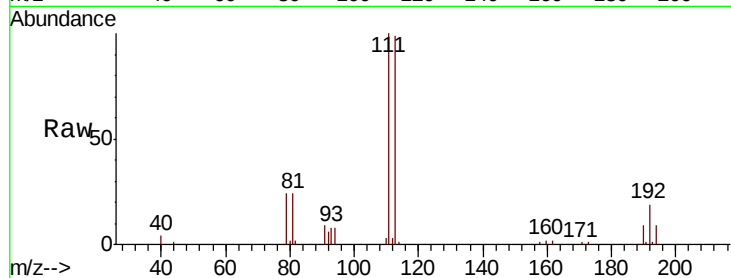




#35
 Dibromofluoromethane
 Concen: 50.869 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065813.D
 Acq: 18 Jun 2020 17:28

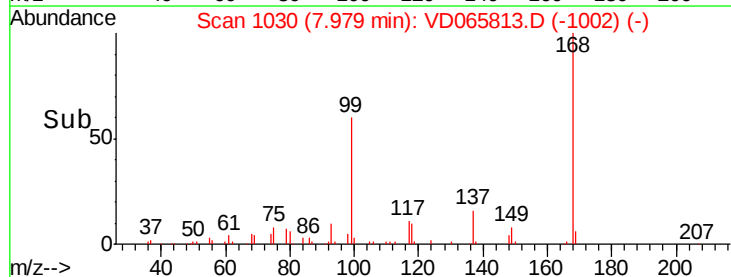
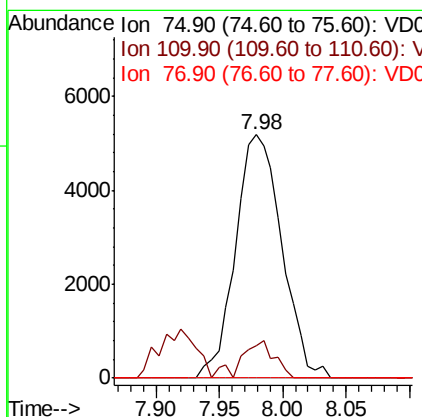
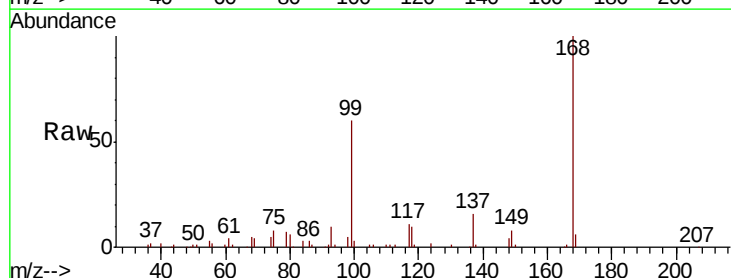
Instrument :
 MSVOA_D
 ClientSampleId :
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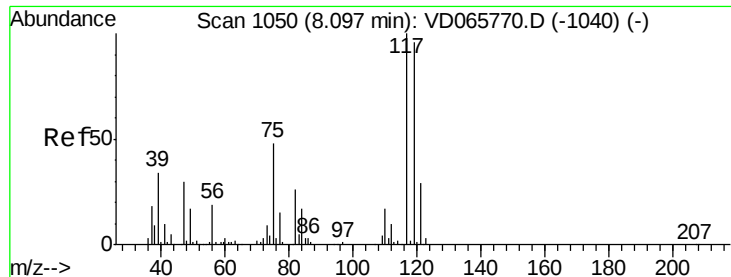
Tot Ion:113 Resp: 84113
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.4 125.0
 192 19.0 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 5.234 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065813.D
 Acq: 18 Jun 2020 17:28

Tgt Ion: 75 Resp: 13124
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.6 52.8#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.567 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065813.D

Acq: 18 Jun 2020 17:28

Instrument :

MSVOA_D

ClientSampleId :

RO-16

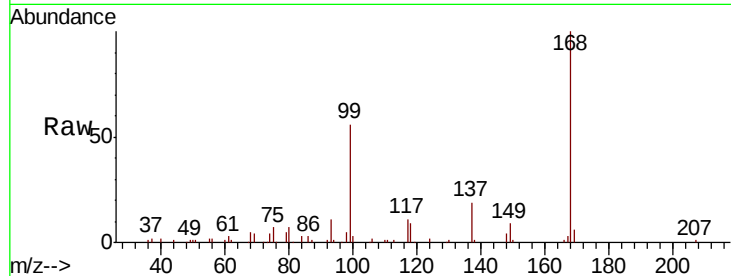
Tot Ion:117 Resp: 17332

Ion Ratio Lower Upper

117 100

119 3.9 76.8 115.2#

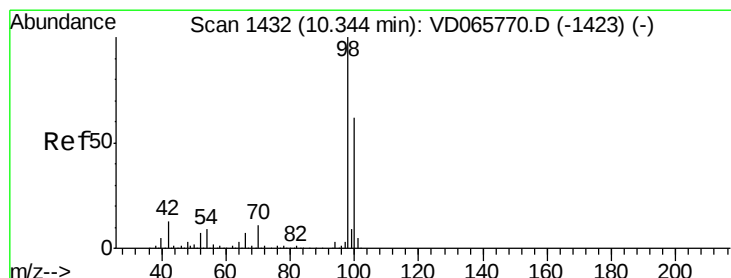
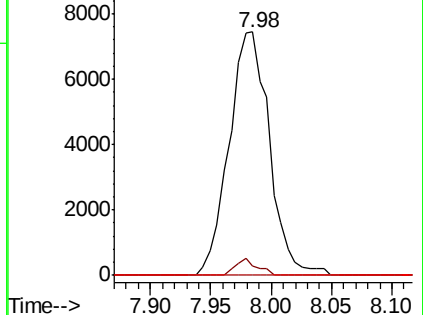
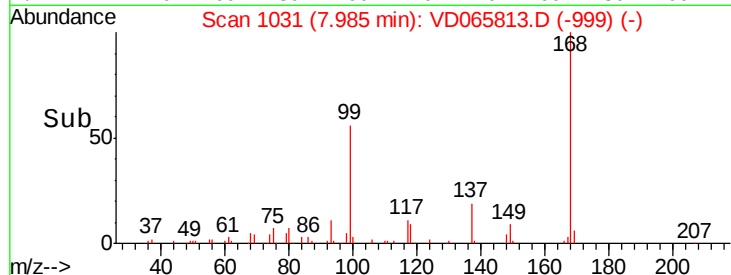
121 0.0 23.4 35.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 47.376 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065813.D

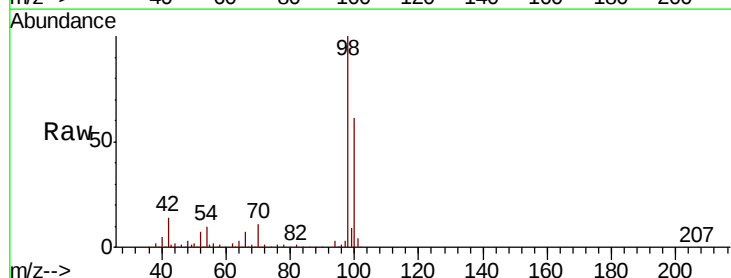
Acq: 18 Jun 2020 17:28

Tgt Ion: 98 Resp: 292110

Ion Ratio Lower Upper

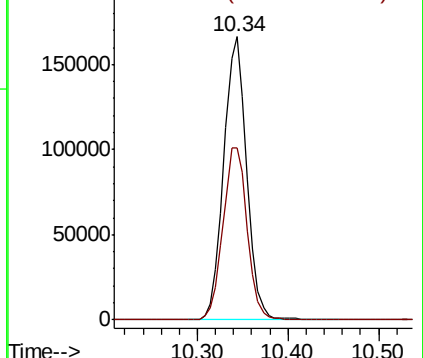
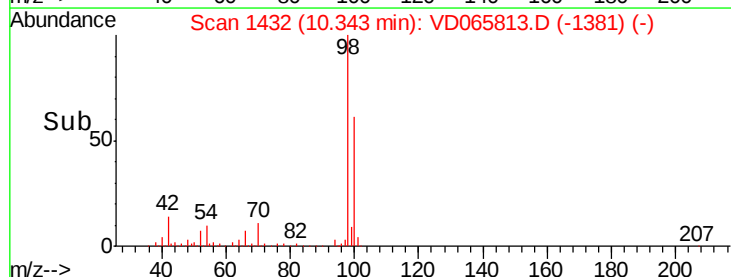
98 100

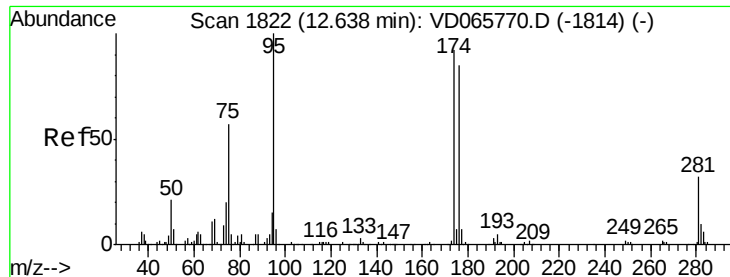
100 64.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

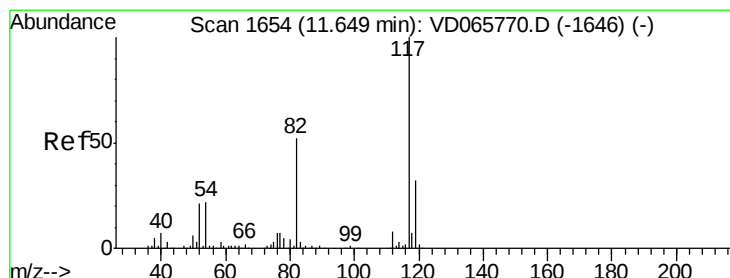
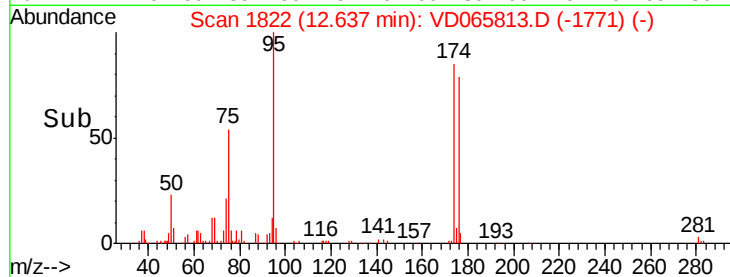
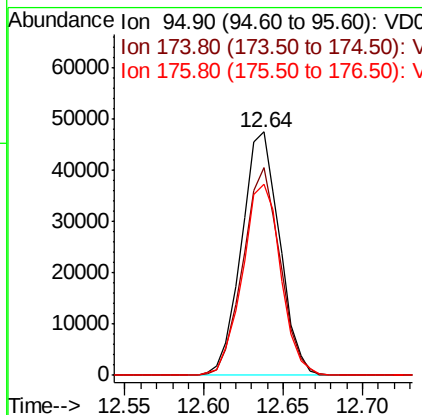
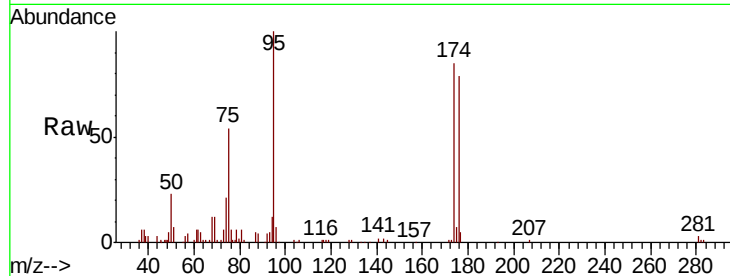




#62
4-Bromofluorobenzene
Concen: 37.839 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065813.D
Acq: 18 Jun 2020 17:28

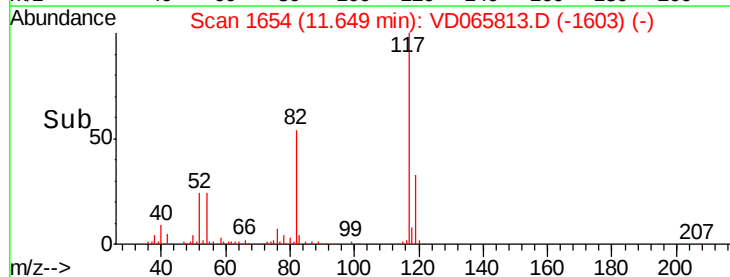
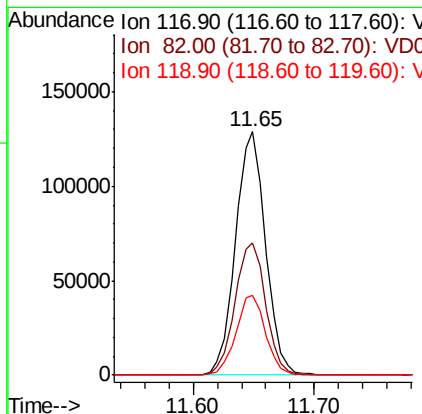
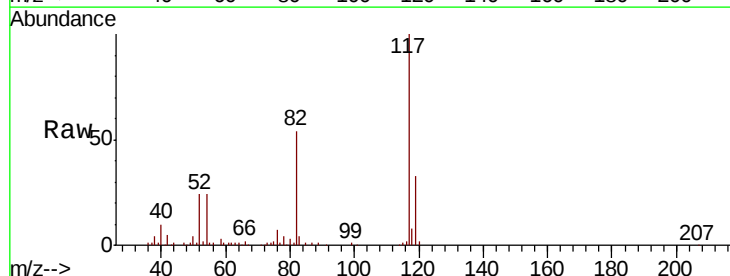
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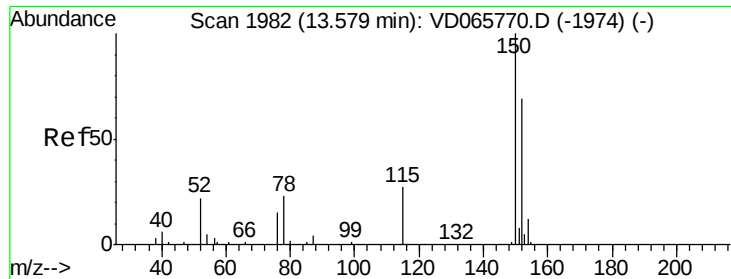
Tot Ion: 95 Resp: 79123
Ion Ratio Lower Upper
95 100
174 83.4 0.0 175.2
176 79.3 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065813.D
Acq: 18 Jun 2020 17:28

Tgt Ion: 117 Resp: 223143
Ion Ratio Lower Upper
117 100
82 54.3 41.9 62.9
119 32.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065813.D

Acq: 18 Jun 2020 17:28

Instrument :

MSVOA_D

ClientSampleId :

RO-16

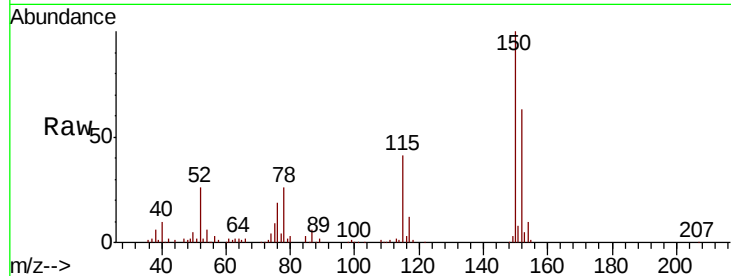
Tot Ion:152 Resp: 81579

Ion Ratio Lower Upper

152 100

115 58.9 28.7 86.1

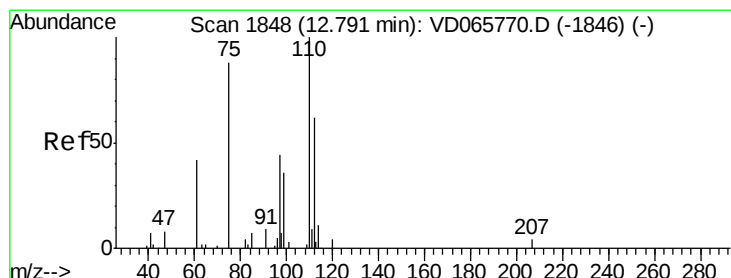
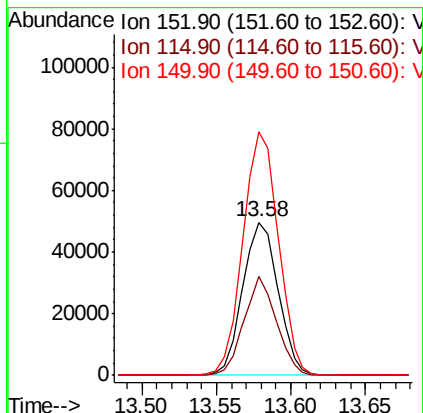
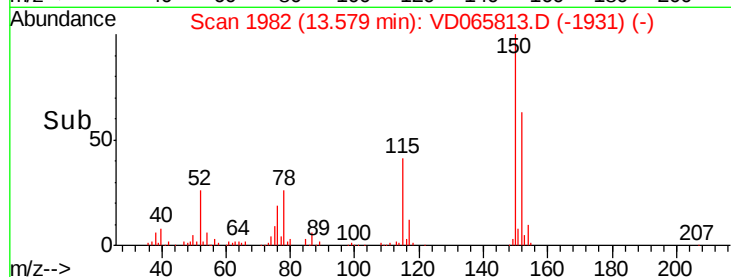
150 159.0 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 69.042 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065813.D

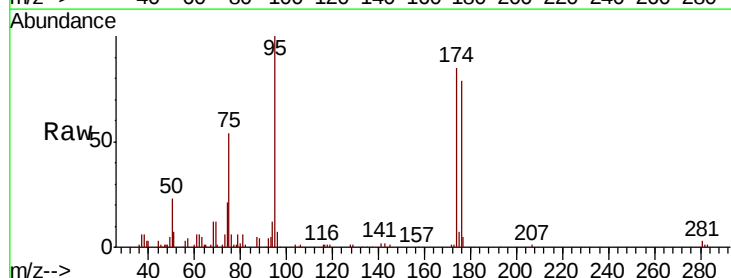
Acq: 18 Jun 2020 17:28

Tgt Ion: 75 Resp: 43804

Ion Ratio Lower Upper

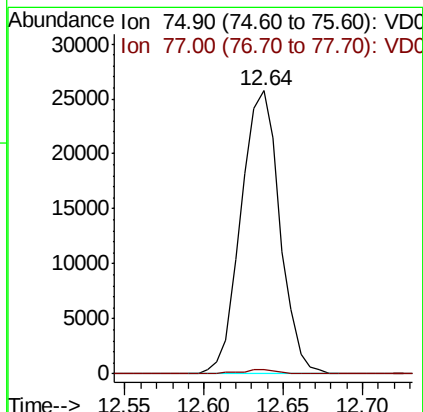
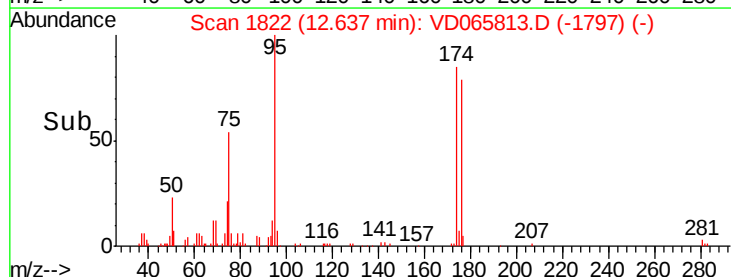
75 100

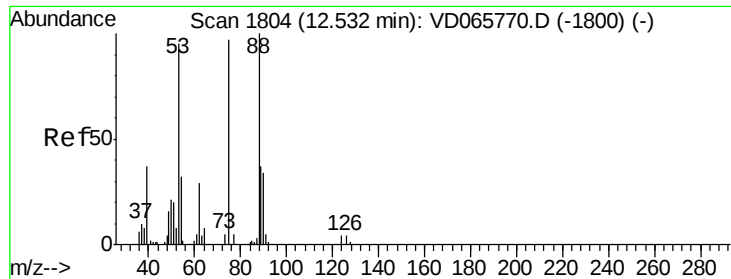
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 149.174 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065813.D

Acq: 18 Jun 2020 17:28

Instrument :

MSVOA_D

ClientSampleId :

RO-16

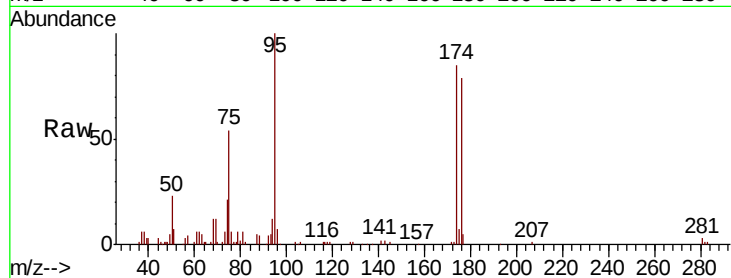
Tot Ion: 75 Resp: 43804

Ion Ratio Lower Upper

75 100

53 0.0 82.6 123.8#

89 0.0 35.9 53.9#



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

