

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120318\
 Data File : VD060474.D
 Acq On : 3 Dec 2018 14:46
 Operator : VA/AP
 Sample : J5764-25
 Misc : 6.38g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-113018-C

Quant Time: Dec 04 02:22:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1312098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	1822438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1398993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	669933	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.81	65	455379	48.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.94%	
35) Dibromofluoromethane	6.34	113	612085	45.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.08%	
50) Toluene-d8	9.47	98	1495601	37.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	75.20%	
62) 4-Bromofluorobenzene	12.44	95	592203	41.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.18%	

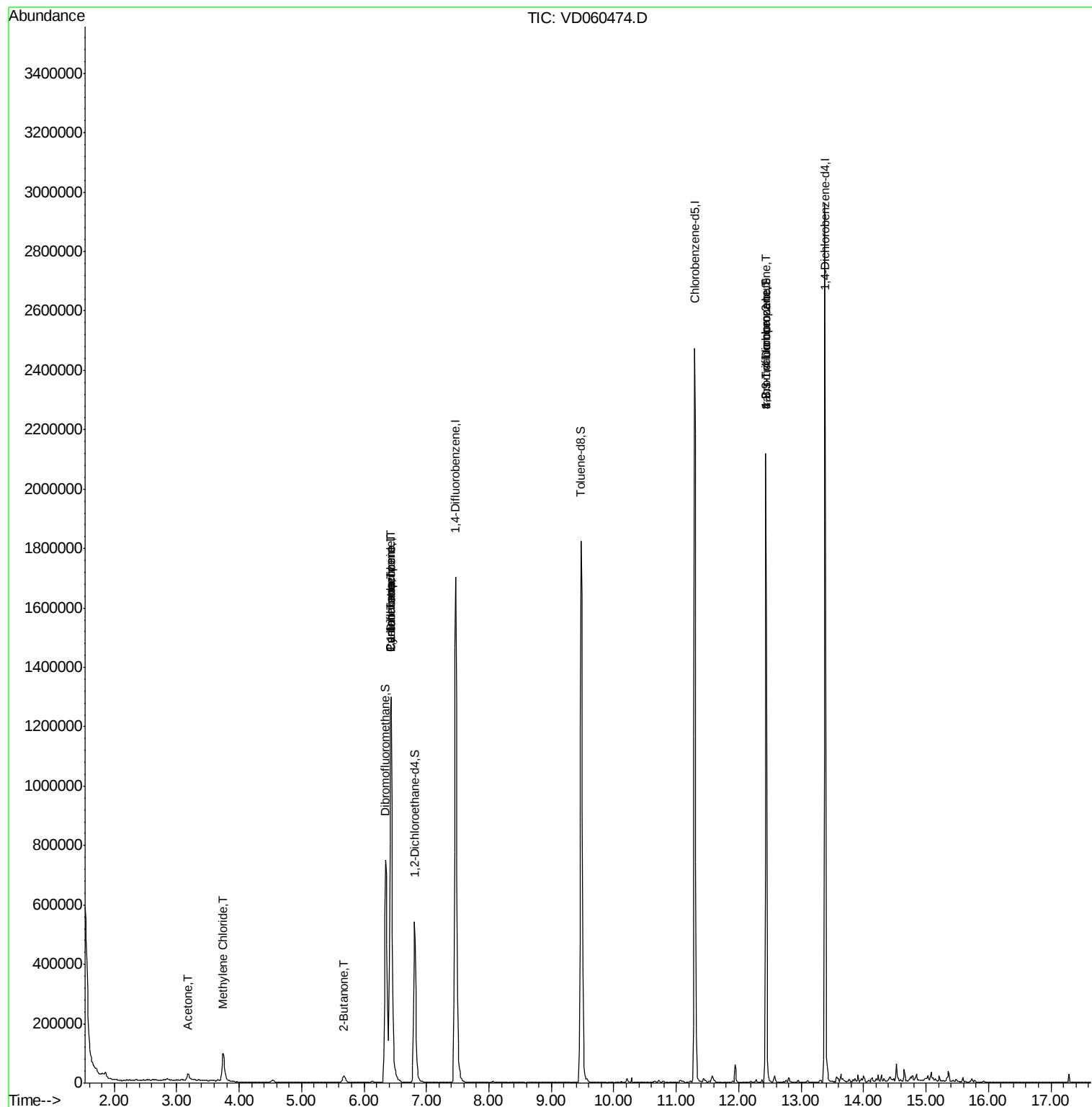
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.19	43	49013	30.076	ug/l	99
20) Methylene Chloride	3.74	84	64000	4.427	ug/l	93
25) 2-Butanone	5.67	43	4289	1.266	ug/l #	60
31) Cyclohexane	6.42	56	25129	1.120	ug/l #	1
36) 1,1-Dichloropropene	6.42	75	88789	4.931	ug/l #	47
38) Carbon Tetrachloride	6.43	117	100624	6.025	ug/l #	16
76) 1,2,3-Trichloropropane	12.44	75	189580	23.656	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.44	75	236543	103.676	ug/l #	15
89) n-Butylbenzene	13.66	91	3827	Below Cal		90

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

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JC-02-113018-C

Quant Time: Dec 04 02:22:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.43 min Scan# 499

Delta R.T. 0.01 min

Lab File: VD060474.D

Acq: 3 Dec 2018 14:46

Instrument :

MSVOA_D

ClientSampleId :

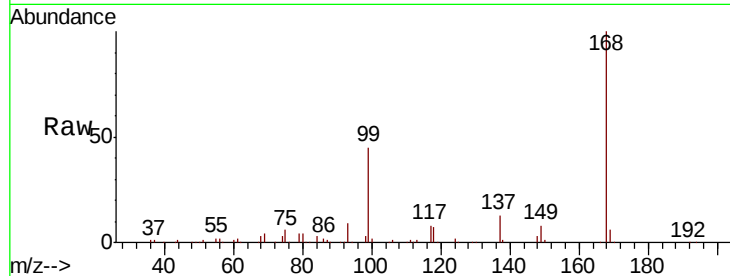
JC-02-113018-C

Tot Ion:168 Resp: 1312098

Ion Ratio Lower Upper

168 100

99 45.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.43

500000

400000

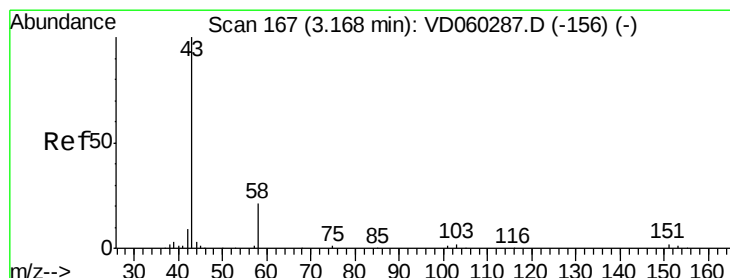
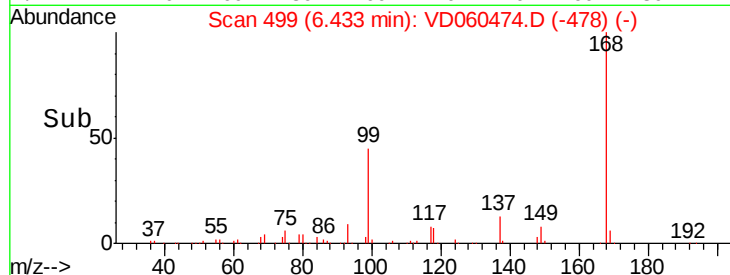
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 30.076 ug/l

RT: 3.19 min Scan# 169

Delta R.T. 0.02 min

Lab File: VD060474.D

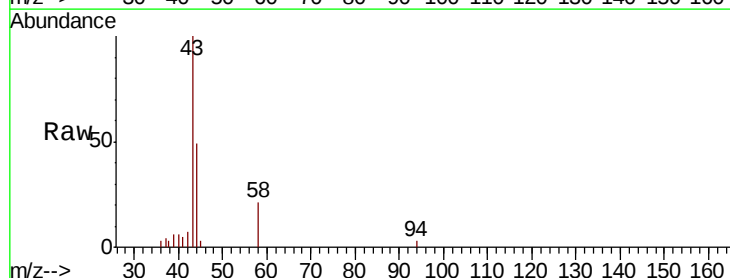
Acq: 3 Dec 2018 14:46

Tgt Ion: 43 Resp: 49013

Ion Ratio Lower Upper

43 100

58 21.5 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

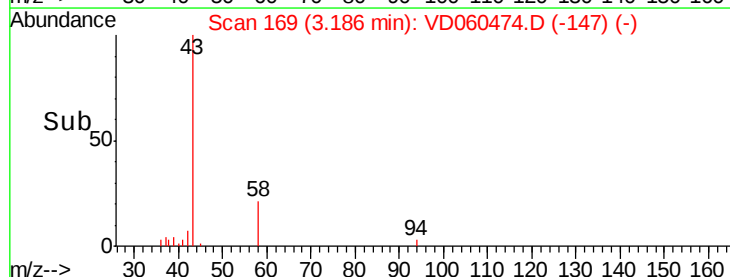
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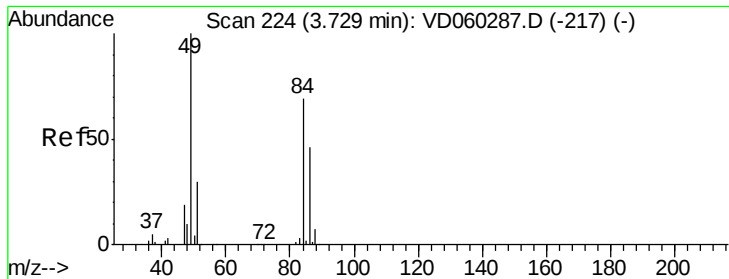
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Time-->

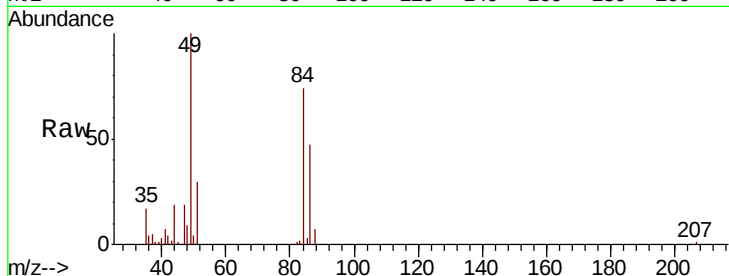




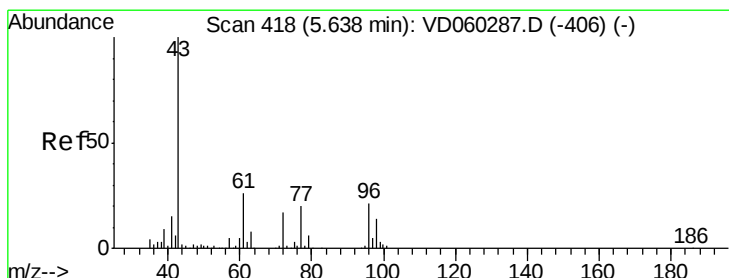
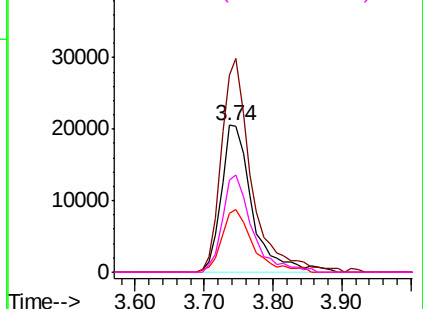
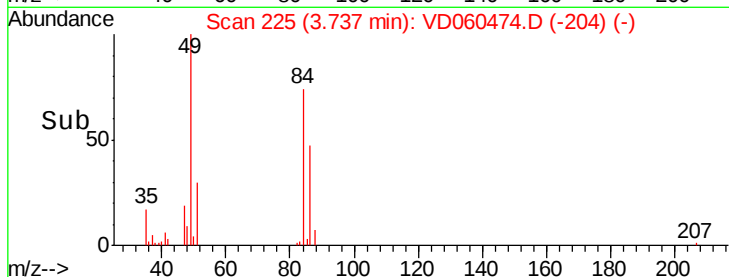
#20
Methvlene Chloride
Concen: 4.427 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060474.D
Acq: 3 Dec 2018 14:46

Instrument :
MSVOA_D
ClientSampleId :
JC-02-113018-C

Tot Ion: 84 Resp: 64000
Ion Ratio Lower Upper
84 100
49 134.3 115.6 173.4
51 40.2 35.6 53.4
86 62.8 52.3 78.5

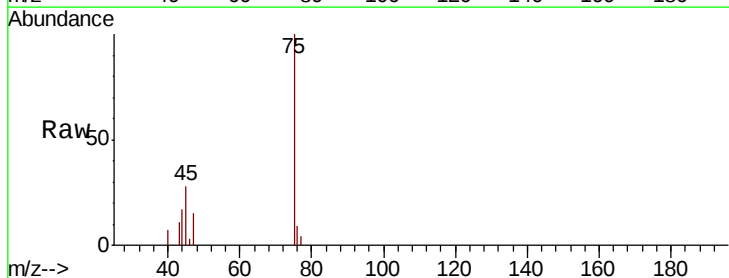


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

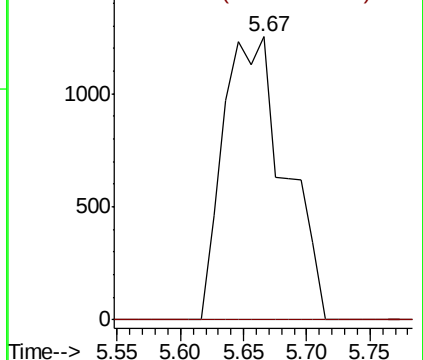
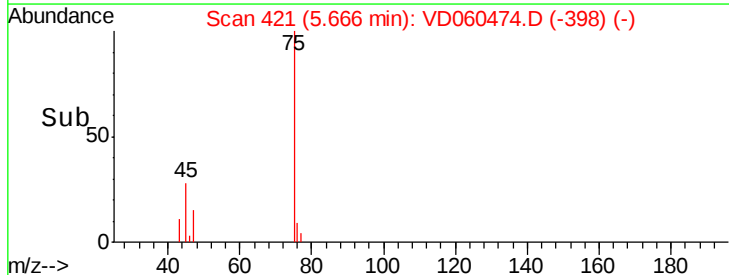


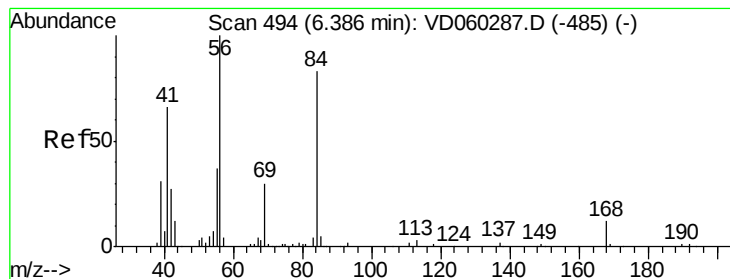
#25
2-Butanone
Concen: 1.266 ug/l
RT: 5.67 min Scan# 421
Delta R.T. 0.03 min
Lab File: VD060474.D
Acq: 3 Dec 2018 14:46

Tgt Ion: 43 Resp: 4289
Ion Ratio Lower Upper
43 100
72 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.120 ug/l

RT: 6.42 min Scan# 498

Delta R.T. 0.04 min

Lab File: VD060474.D

Acq: 3 Dec 2018 14:46

Instrument :

MSVOA_D

ClientSampleId :

JC-02-113018-C

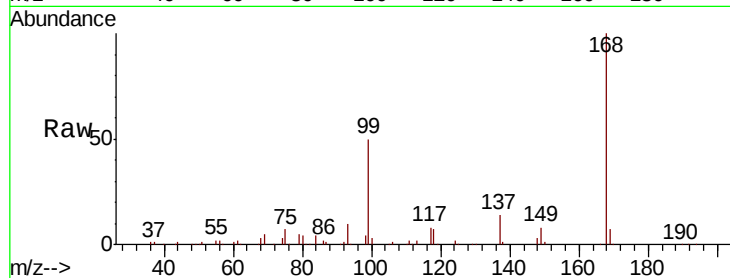
Tot Ion: 56 Resp: 25129

Ion Ratio Lower Upper

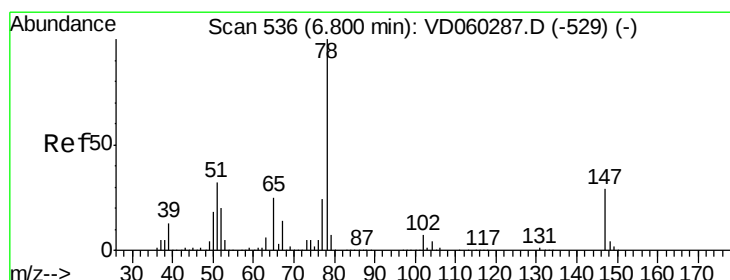
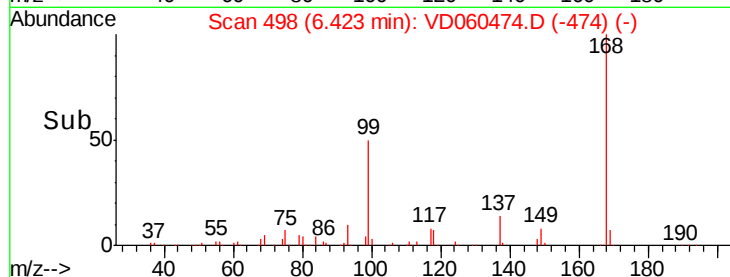
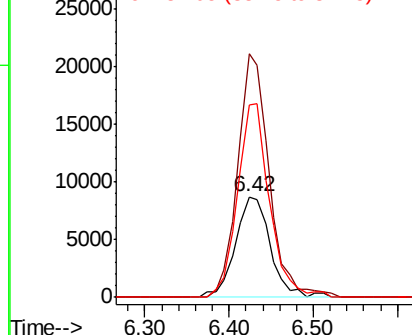
56 100

69 241.3 22.2 33.2#

84 190.3 63.0 94.4#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.81 min Scan# 537

Delta R.T. 0.01 min

Lab File: VD060474.D

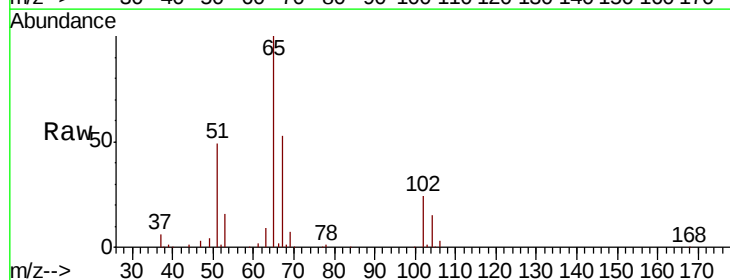
Acq: 3 Dec 2018 14:46

Tgt Ion: 65 Resp: 455379

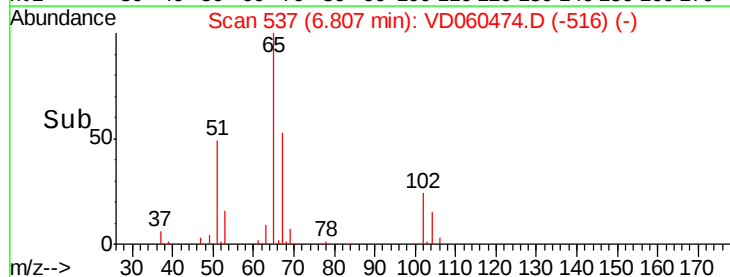
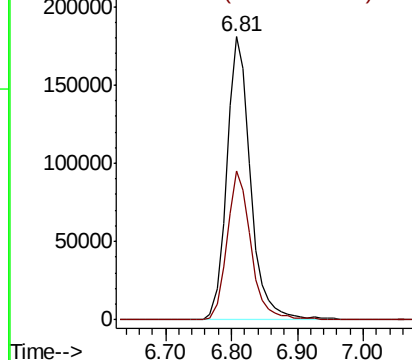
Ion Ratio Lower Upper

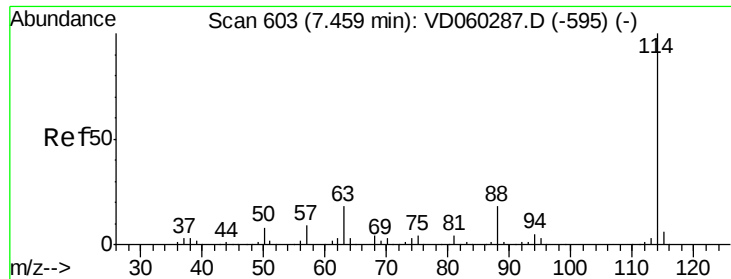
65 100

67 52.8 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

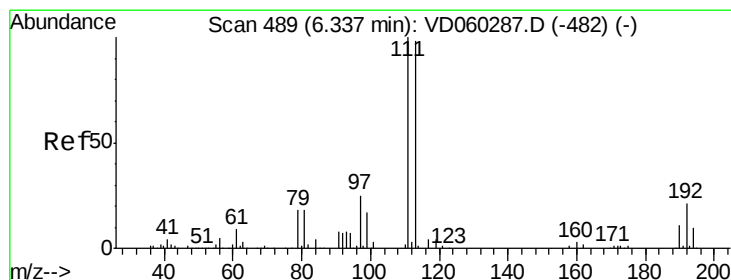
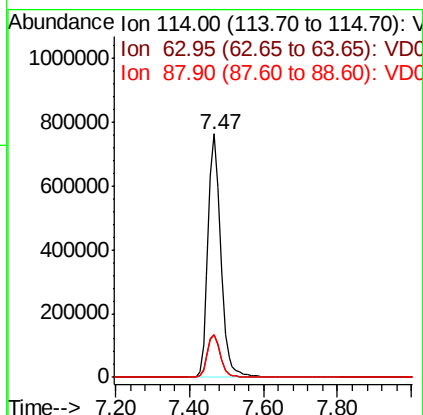
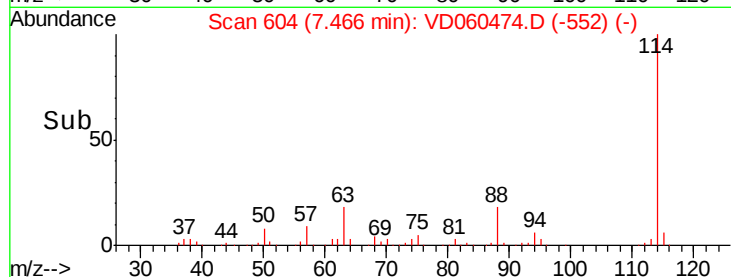
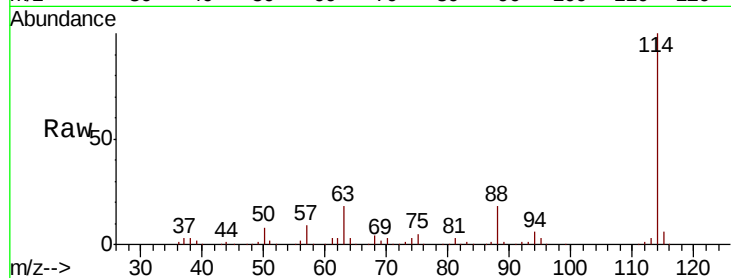




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD060474.D
Acq: 3 Dec 2018 14:46

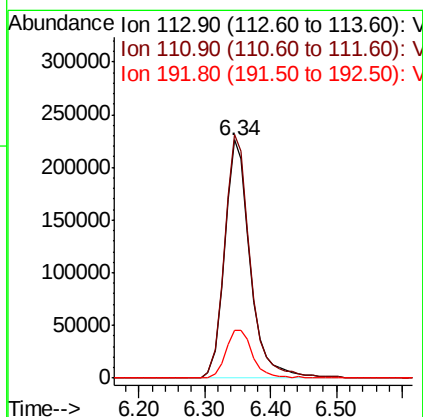
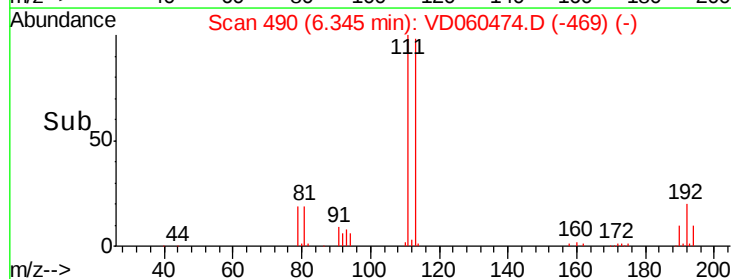
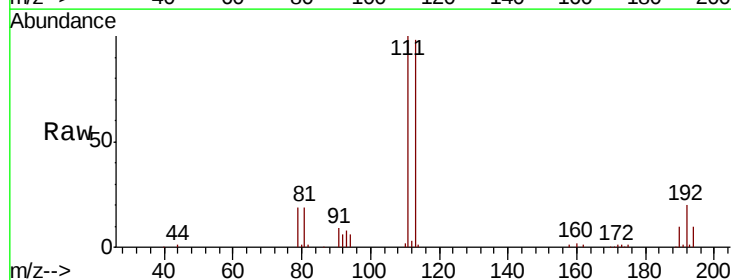
Instrument :
MSVOA_D
ClientSampleId :
JC-02-113018-C

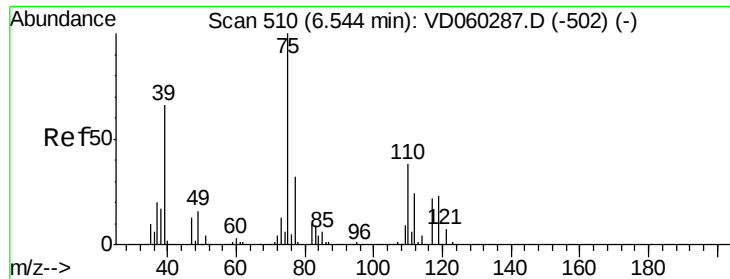
Tot Ion:114 Resp: 1822438
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.0
88 17.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.34 min Scan# 490
Delta R.T. 0.01 min
Lab File: VD060474.D
Acq: 3 Dec 2018 14:46

Tgt Ion:113 Resp: 612085
Ion Ratio Lower Upper
113 100
111 102.2 81.6 122.4
192 20.1 16.5 24.7

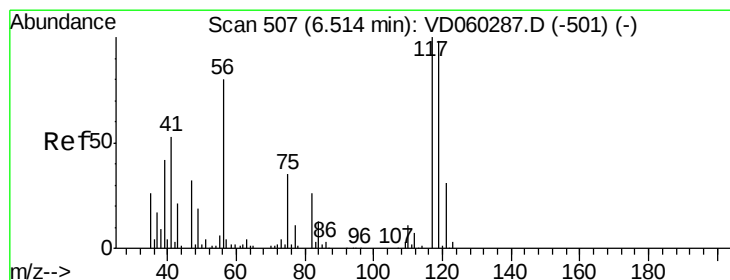
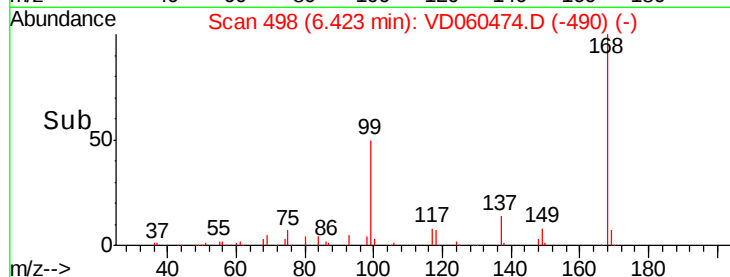
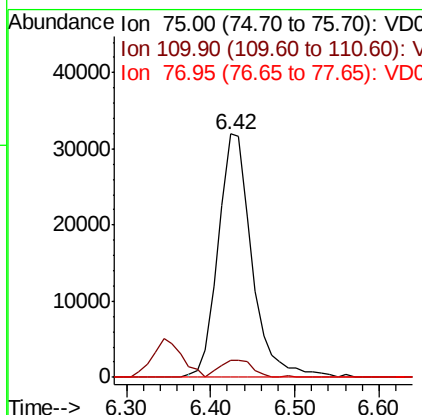
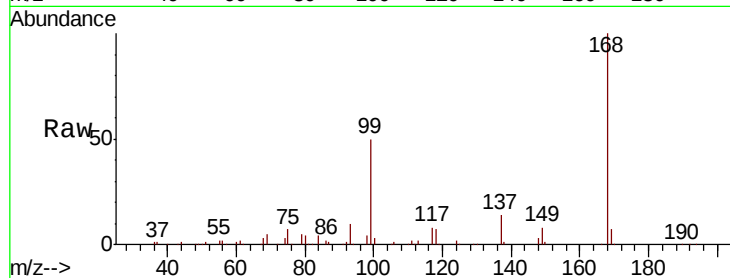




#36
 1,1-Dichloropropene
 Concen: 4.931 ug/l
 RT: 6.42 min Scan# 498
 Delta R.T. -0.12 min
 Lab File: VD060474.D
 Acq: 3 Dec 2018 14:46

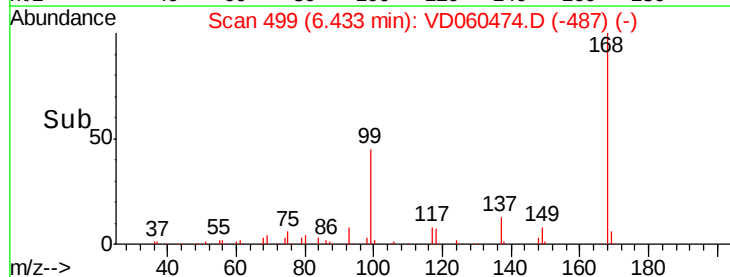
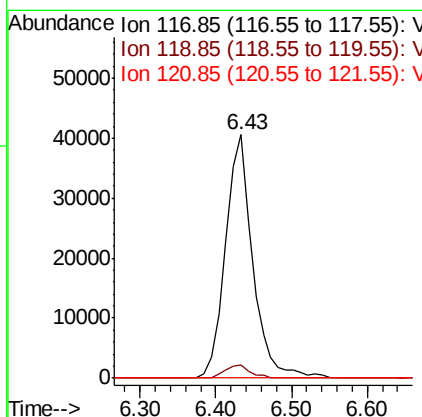
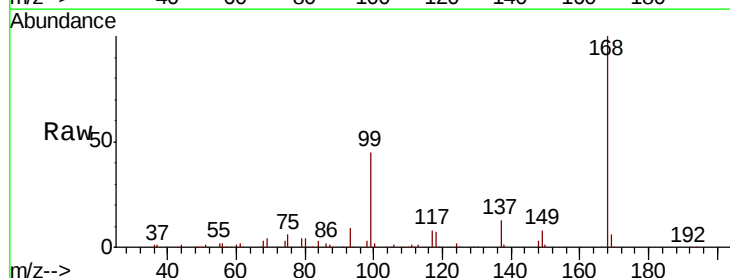
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-113018-C

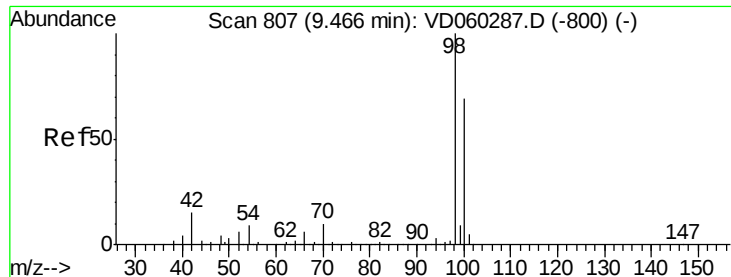
Tot Ion	75	Resp	88789
Ion Ratio	Lower	Upper	
75	100		
110	7.0	18.0	54.0#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.025 ug/l
 RT: 6.43 min Scan# 499
 Delta R.T. -0.08 min
 Lab File: VD060474.D
 Acq: 3 Dec 2018 14:46

Tgt Ion	117	Resp	100624
Ion Ratio	Lower	Upper	
117	100		
119	5.4	76.6	115.0#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.47 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD060474.D

Acq: 3 Dec 2018 14:46

Instrument :

MSVOA_D

ClientSampleId :

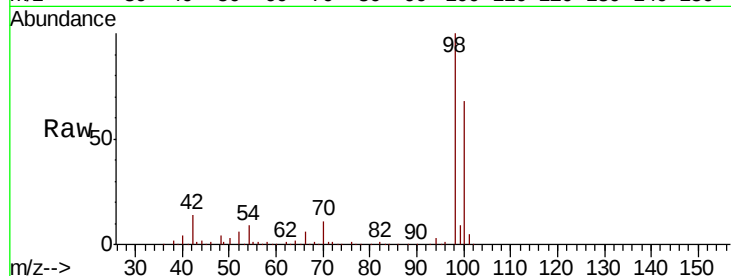
JC-02-113018-C

Tot Ion: 98 Resp: 1495601

Ion Ratio Lower Upper

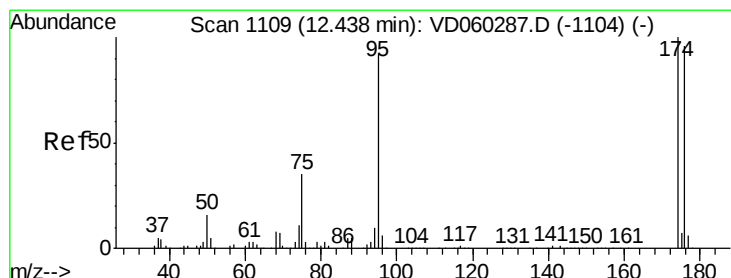
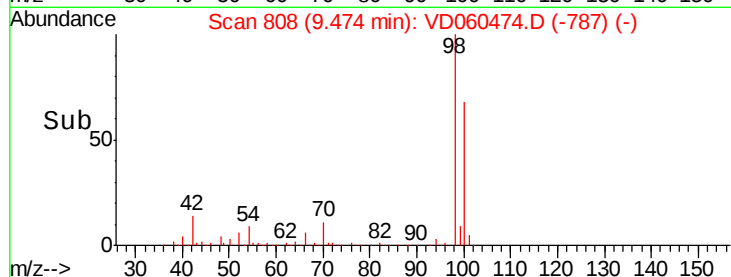
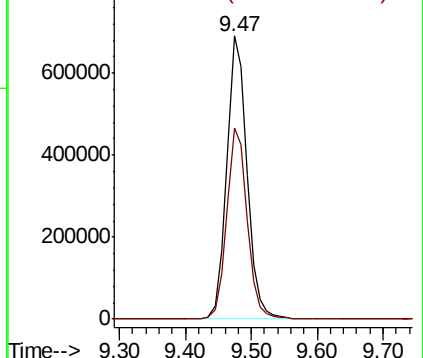
98 100

100 67.8 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VD060474.D

Acq: 3 Dec 2018 14:46

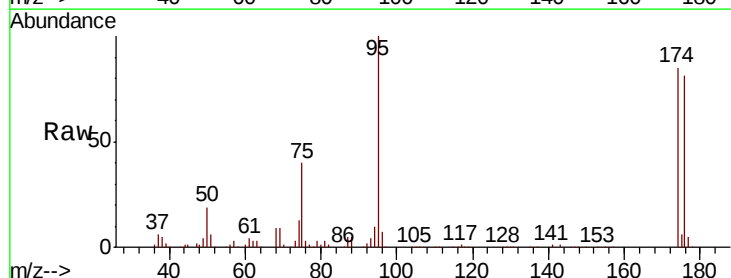
Tgt Ion: 95 Resp: 592203

Ion Ratio Lower Upper

95 100

174 84.5 0.0 160.8

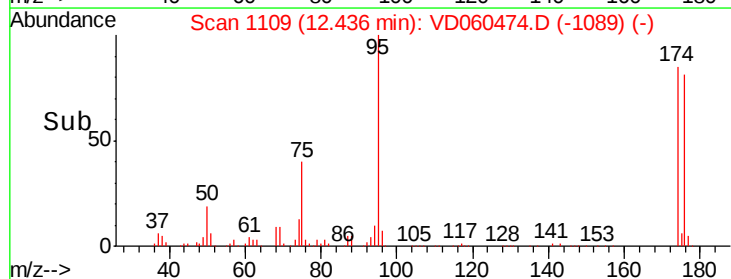
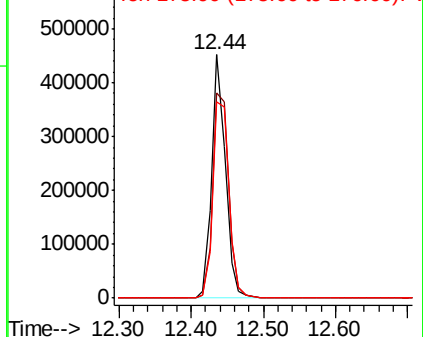
176 80.6 0.0 154.6

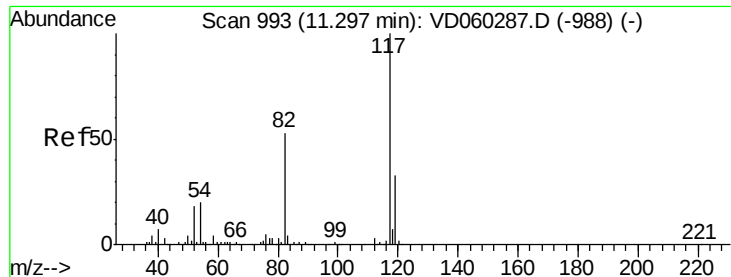


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

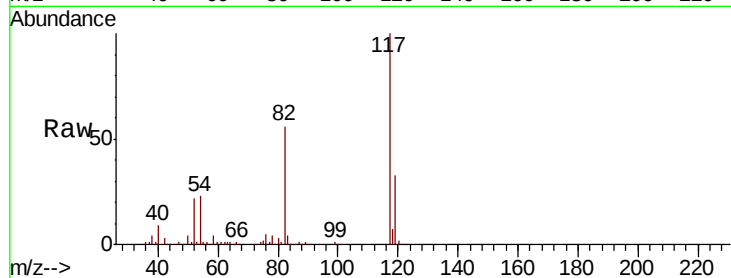




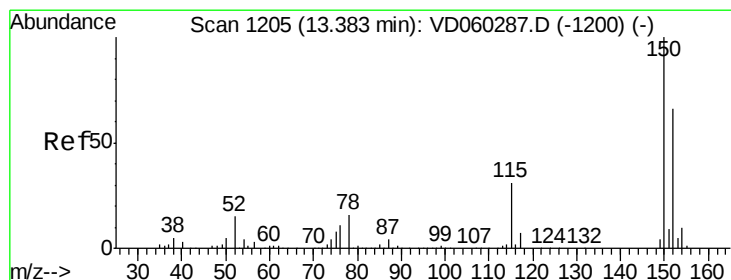
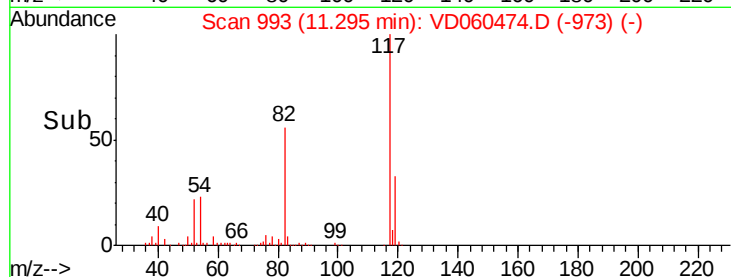
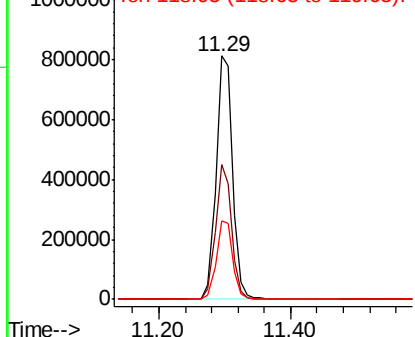
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060474.D
Acq: 3 Dec 2018 14:46

Instrument :
MSVOA_D
ClientSampleId :
JC-02-113018-C

Tot Ion:117 Resp: 1398993
Ion Ratio Lower Upper
117 100
82 55.6 43.7 65.5
119 32.5 26.1 39.1

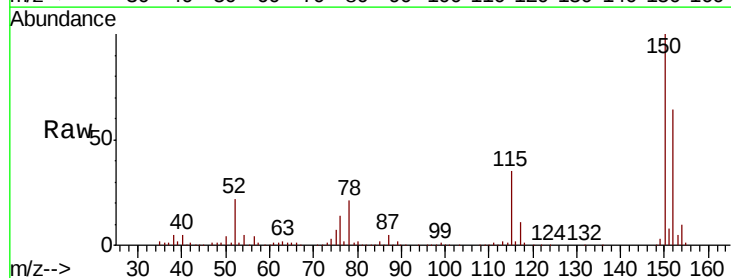


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

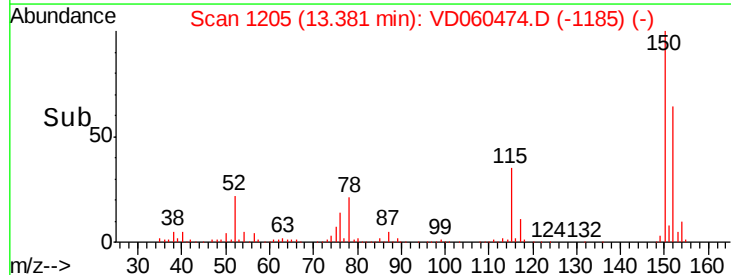
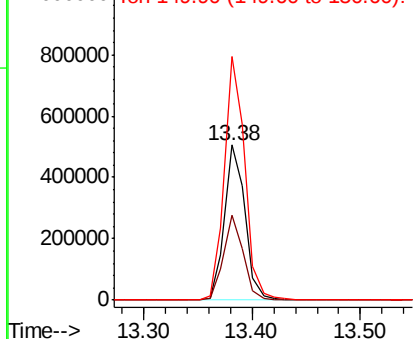


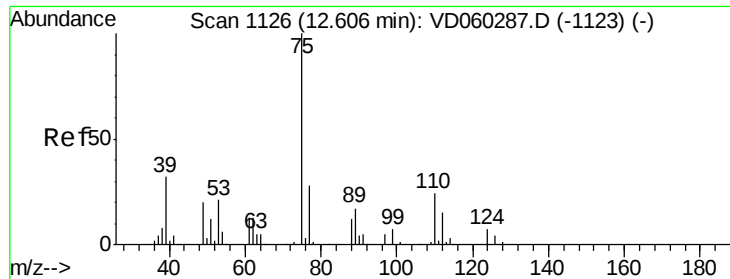
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. -0.00 min
Lab File: VD060474.D
Acq: 3 Dec 2018 14:46

Tgt Ion:152 Resp: 669933
Ion Ratio Lower Upper
152 100
115 54.7 24.1 72.3
150 157.0 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

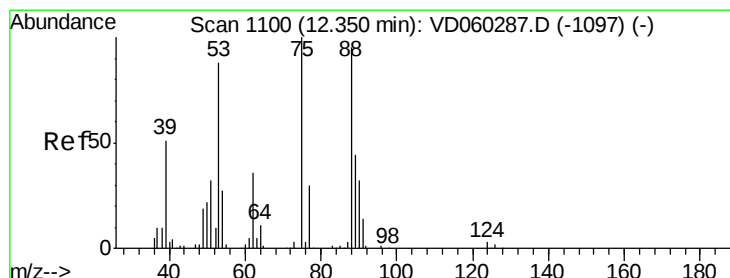
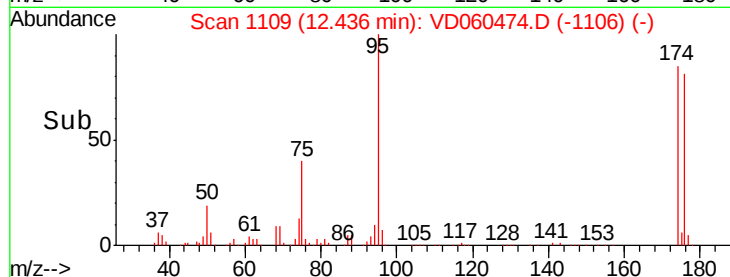
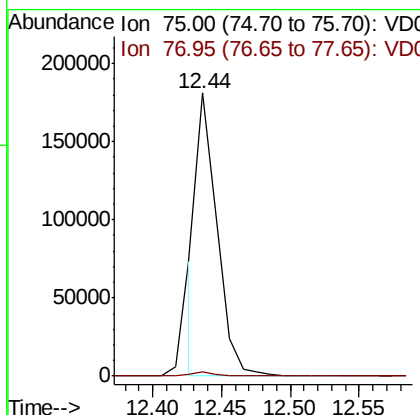
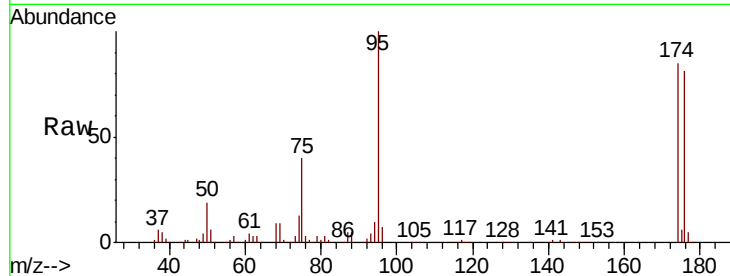




#76
 1,2,3-Trichloropropane
 Concen: 23.656 ug/l
 RT: 12.44 min Scan# 1109
 Delta R.T. -0.17 min
 Lab File: VD060474.D
 Acq: 3 Dec 2018 14:46

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-113018-C

Tot Ion: 75 Resp: 189580
 Ion Ratio Lower Upper
 75 100
 77 1.7 16.4 49.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.676 ug/l
 RT: 12.44 min Scan# 1109
 Delta R.T. 0.09 min
 Lab File: VD060474.D
 Acq: 3 Dec 2018 14:46

Tgt Ion: 75 Resp: 236543
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 103.0#
 89 0.0 34.1 51.1#

