

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122018\
 Data File : VD060674.D
 Acq On : 20 Dec 2018 22:36
 Operator : VA/AP
 Sample : J6481-02
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-PROP-2RE

Quant Time: Dec 21 03:41:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

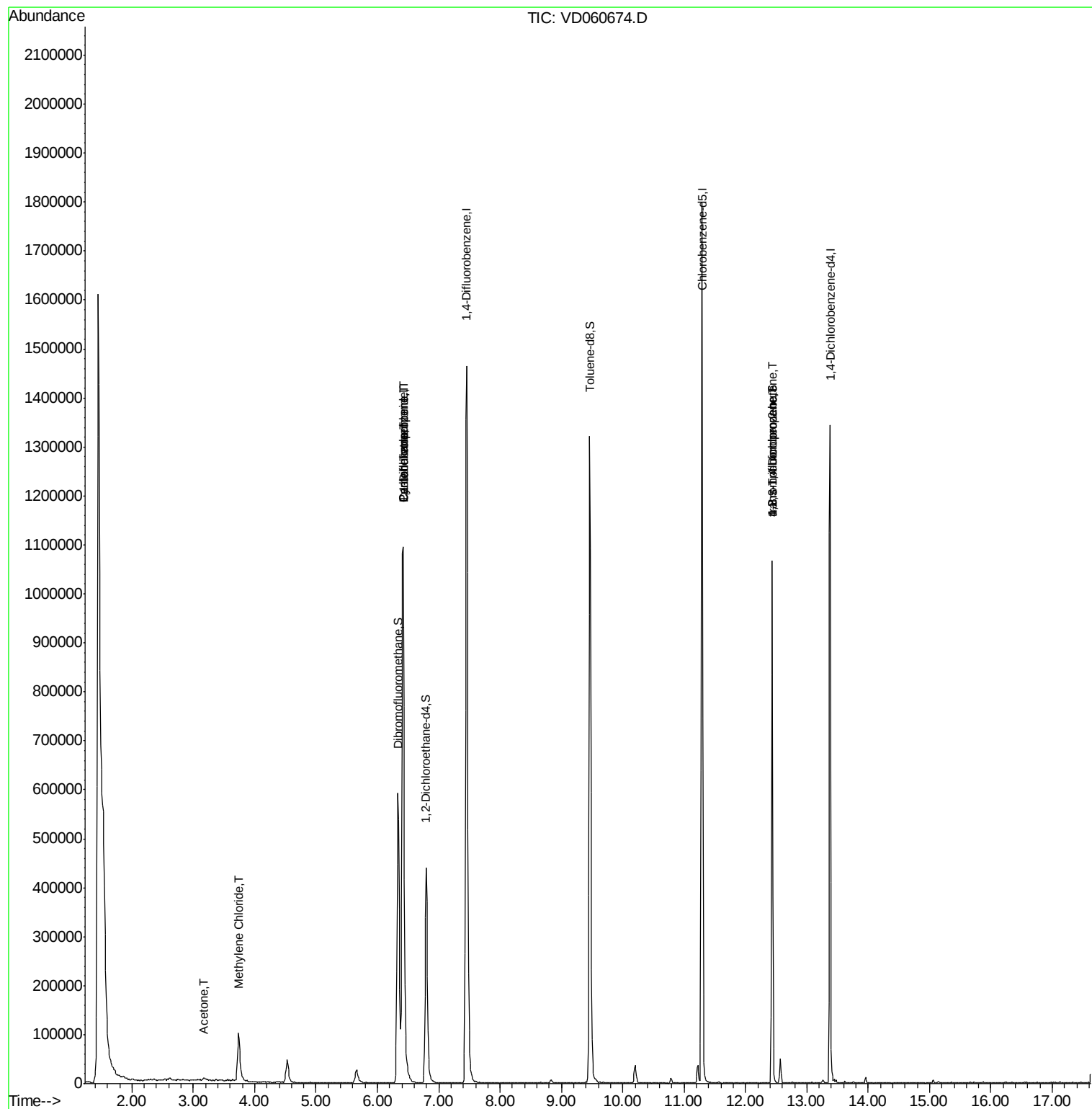
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1116575	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.46	114	1563687	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.29	117	1038026	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	327365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	354813	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
35) Dibromofluoromethane	6.33	113	476346	41.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.24%	
50) Toluene-d8	9.46	98	1061296	31.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.16%	
62) 4-Bromofluorobenzene	12.44	95	297604	24.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	49.76%	
Target Compounds						
					Qvalue	
16) Acetone	3.17	43	8168	6.061	ug/l	92
20) Methylene Chloride	3.74	84	64054	4.577	ug/l	97
31) Cyclohexane	6.41	56	21070	1.081	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	80859	5.022	ug/l #	45
38) Carbon Tetrachloride	6.41	117	86698	6.103	ug/l #	16
76) 1,2,3-Trichloropropane	12.44	75	111957	30.039	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.44	75	121111	117.599	ug/l #	13

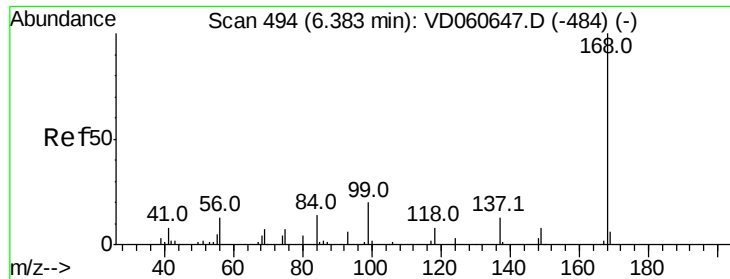
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122018\
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Quant Time: Dec 21 03:41:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 528

Delta R.T. 0.01 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

Instrument :

MSVOA_D

ClientSampleId :

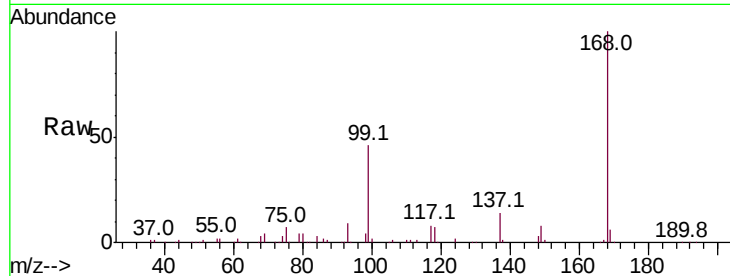
SW-PROP-2RE

Tot Ion:168 Resp: 1116575

Ion Ratio Lower Upper

168 100

99 46.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

400000

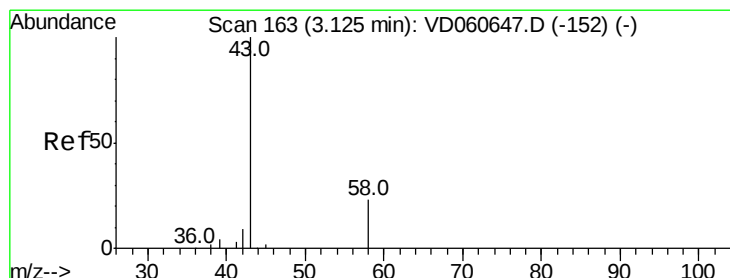
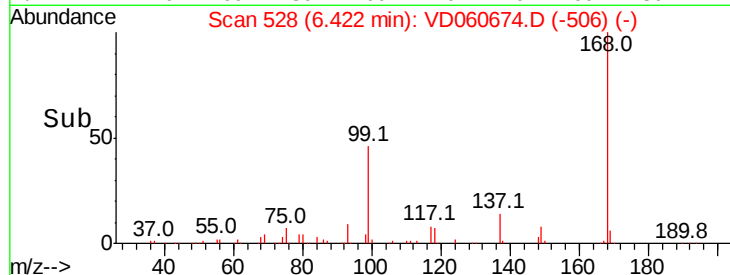
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.061 ug/l

RT: 3.17 min Scan# 197

Delta R.T. -0.01 min

Lab File: VD060674.D

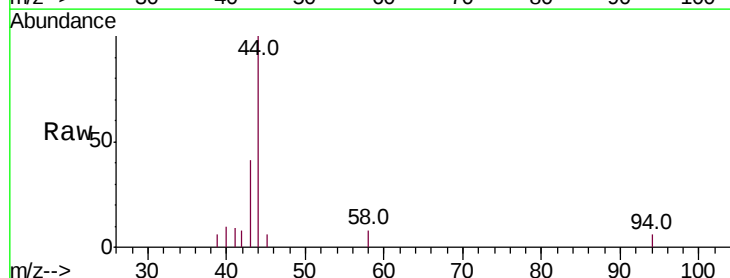
Acq: 20 Dec 2018 22:36

Tgt Ion: 43 Resp: 8168

Ion Ratio Lower Upper

43 100

58 19.0 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.17

2500

2000

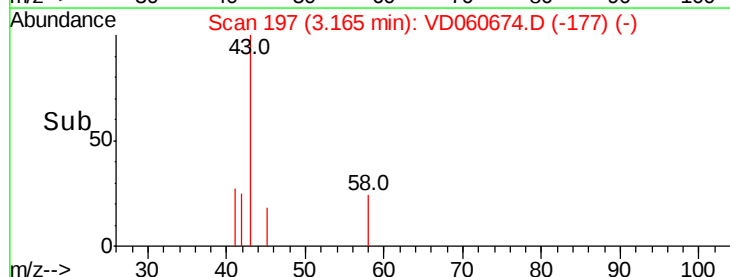
1500

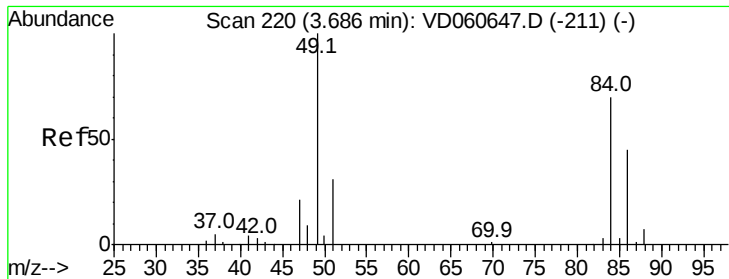
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 4.577 ug/l

RT: 3.74 min Scan# 255

Delta R.T. 0.00 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

Instrument :

MSVOA_D

ClientSampleId :

SW-PROP-2RE

Tot Ion: 84 Resp: 64054

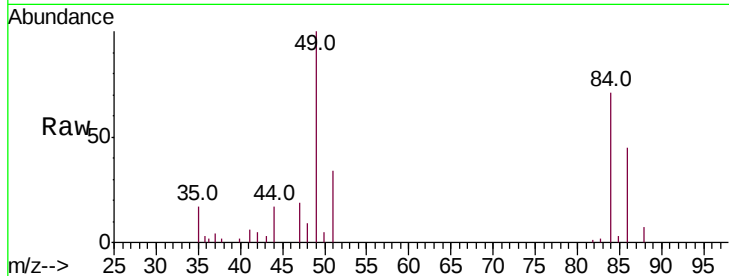
Ion Ratio Lower Upper

84 100

49 140.0 113.6 170.4

51 47.3 34.7 52.1

86 63.5 52.8 79.2

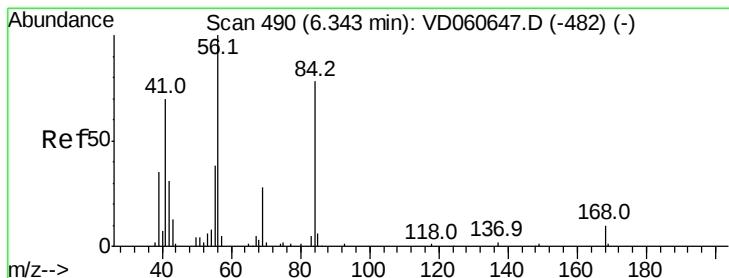
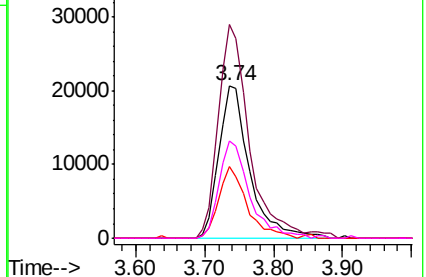
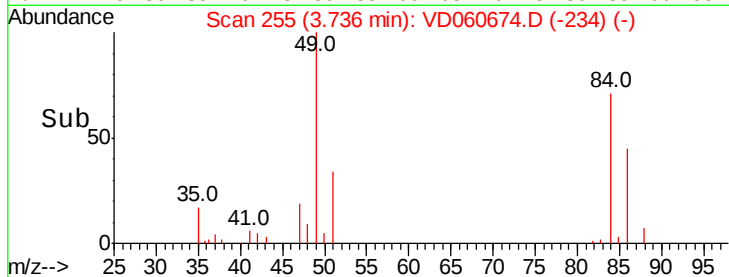


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#31

Cyclohexane

Concen: 1.081 ug/l

RT: 6.41 min Scan# 527

Delta R.T. 0.04 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

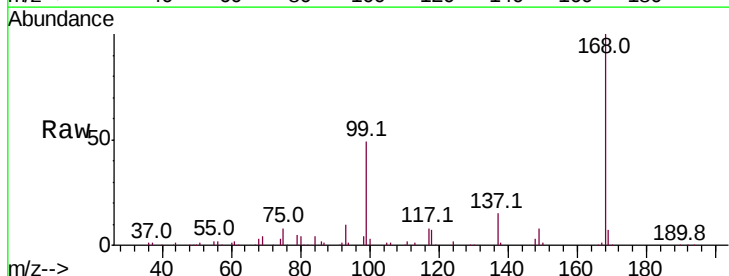
Tgt Ion: 56 Resp: 21070

Ion Ratio Lower Upper

56 100

69 229.5 23.6 35.4#

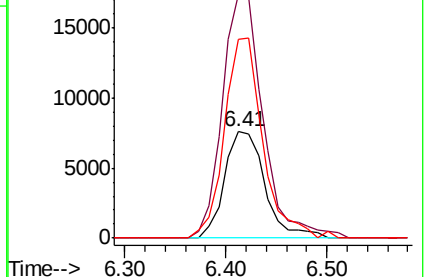
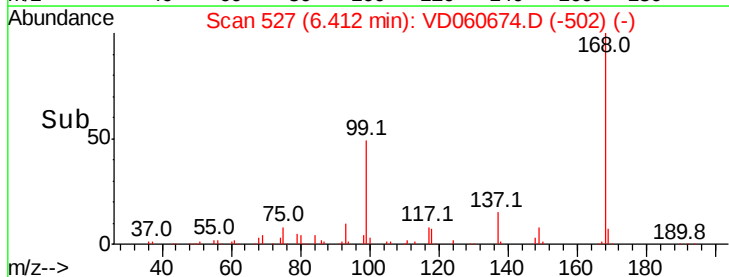
84 187.5 65.8 98.6#

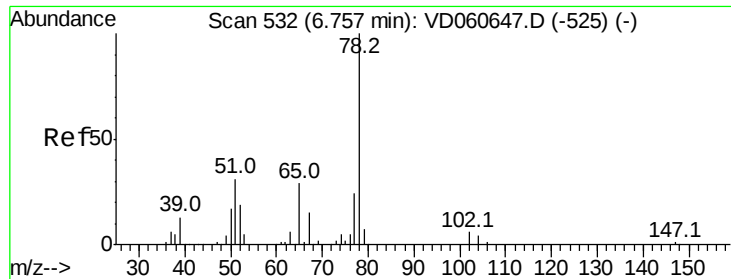


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

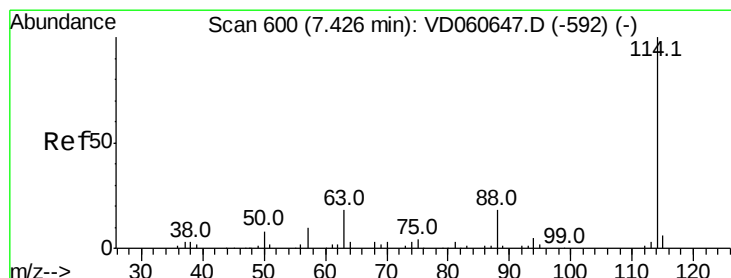
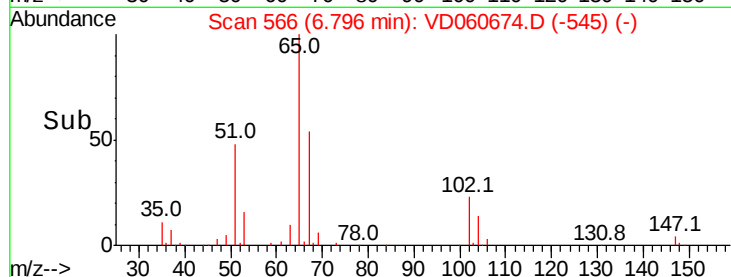
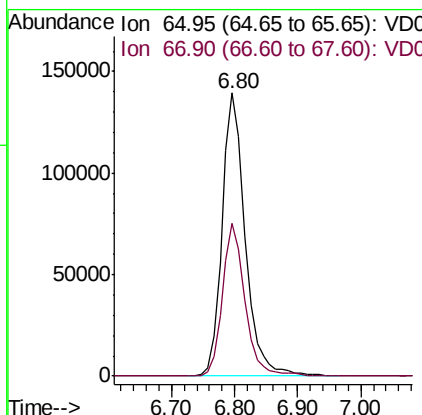
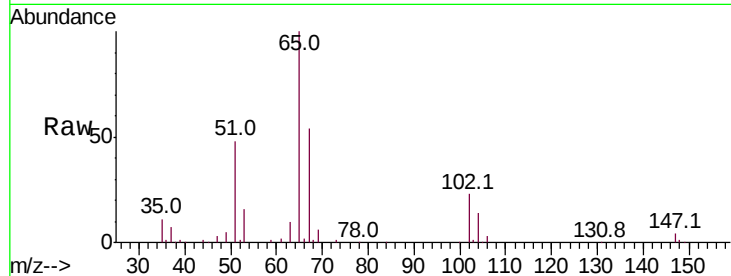




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.80 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VD060674.D
 Acq: 20 Dec 2018 22:36

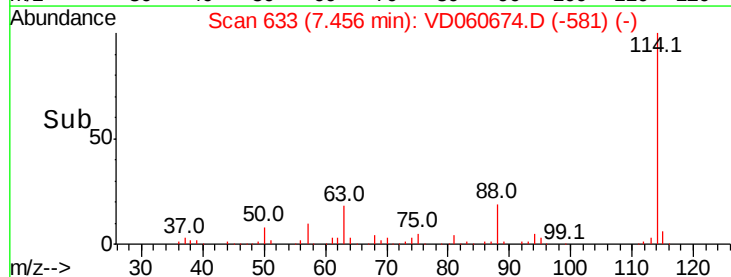
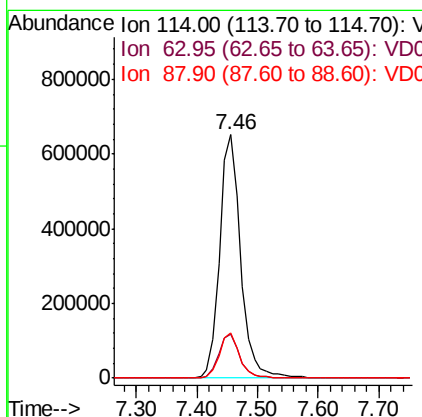
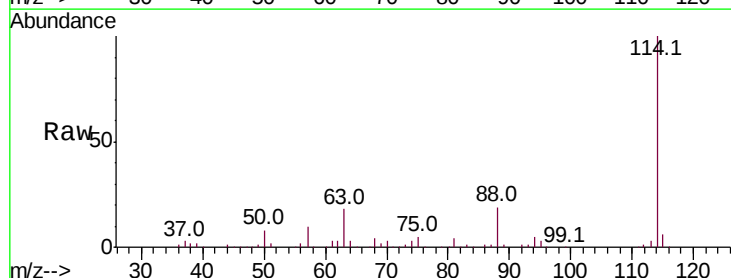
Instrument :
 MSVOA_D
 ClientSampleId :
 SW-PROP-2RE

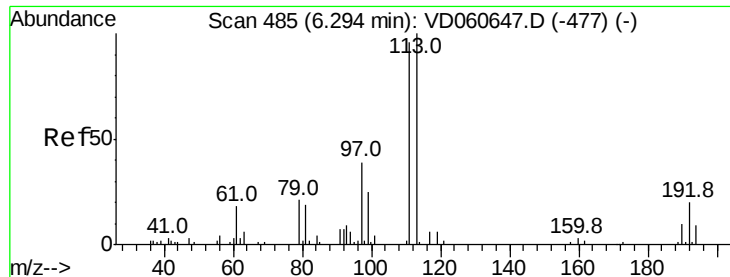
Tot Ion: 65 Resp: 354813
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: VD060674.D
 Acq: 20 Dec 2018 22:36

Tgt Ion: 114 Resp: 1563687
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.2
 88 18.5 0.0 37.0

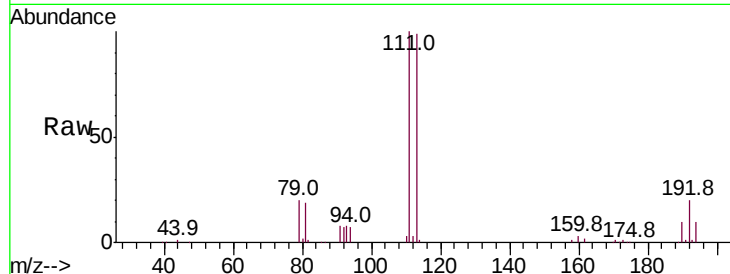




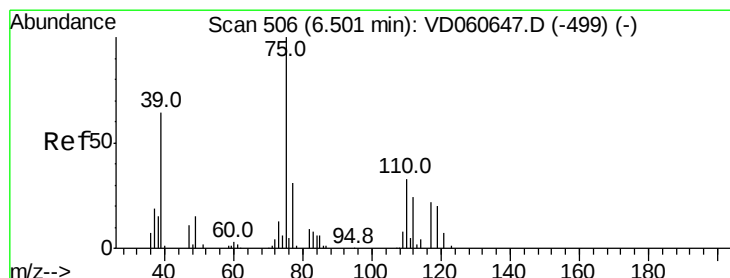
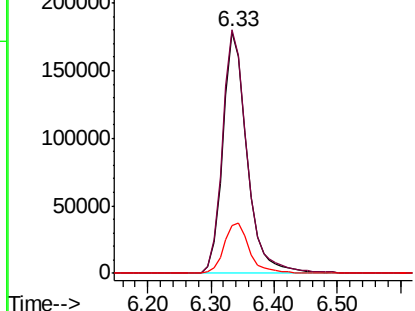
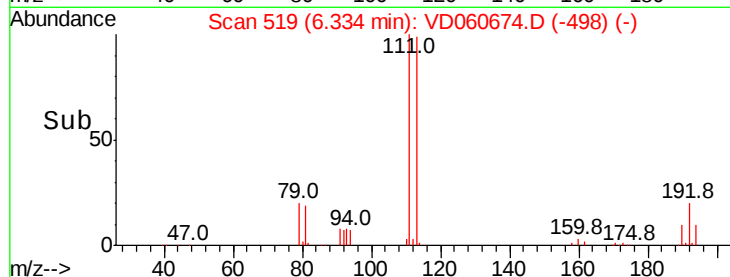
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: VD060674.D
 Acq: 20 Dec 2018 22:36

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-PROP-2RE

Tot Ion:113 Resp: 476346
 Ion Ratio Lower Upper
 113 100
 111 100.8 80.0 120.0
 192 19.8 16.6 25.0

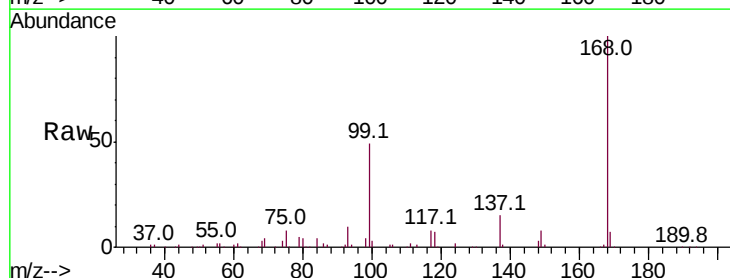


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

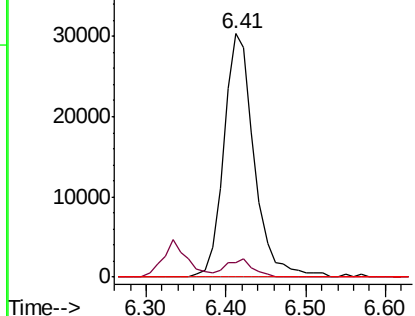
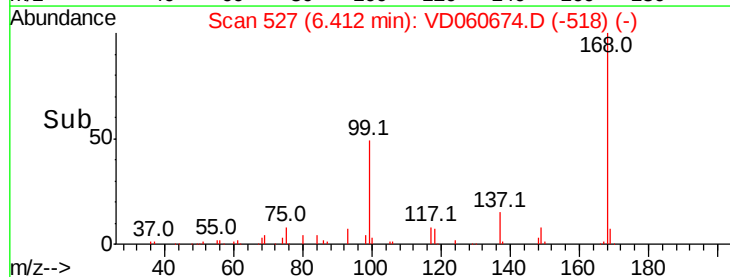


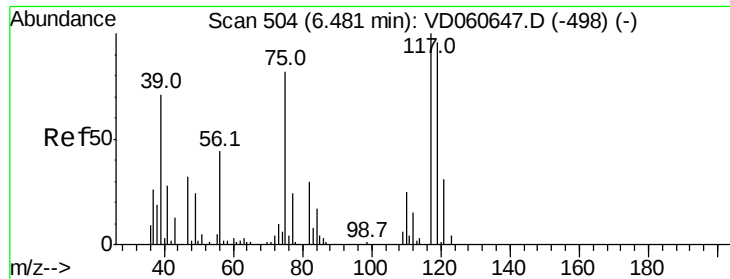
#36
 1,1-Dichloropropene
 Concen: 5.022 ug/l
 RT: 6.41 min Scan# 527
 Delta R.T. -0.11 min
 Lab File: VD060674.D
 Acq: 20 Dec 2018 22:36

Tgt Ion: 75 Resp: 80859
 Ion Ratio Lower Upper
 75 100
 110 5.7 18.9 56.7#
 77 0.0 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 6.103 ug/l

RT: 6.41 min Scan# 527

Delta R.T. -0.08 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

Instrument :

MSVOA_D

ClientSampleId :

SW-PROP-2RE

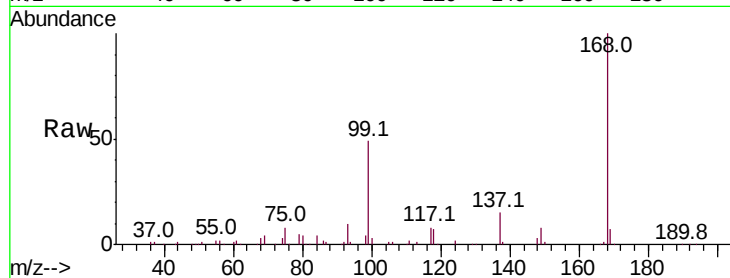
Tot Ion:117 Resp: 86698

Ion Ratio Lower Upper

117 100

119 4.9 77.0 115.4#

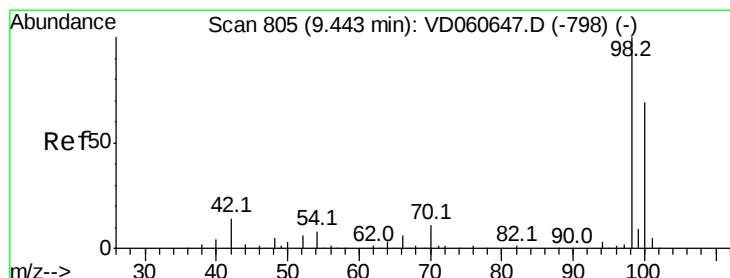
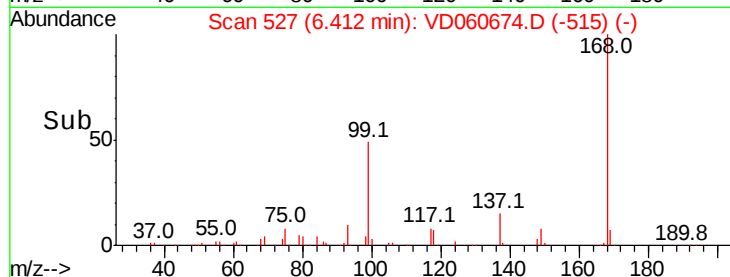
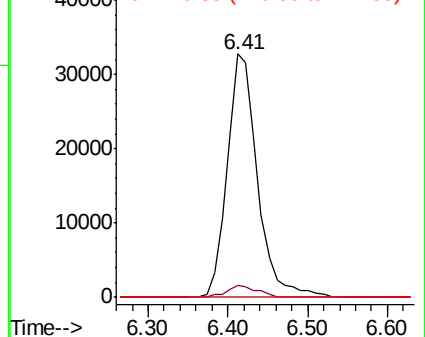
121 0.0 24.7 37.1#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 837

Delta R.T. 0.00 min

Lab File: VD060674.D

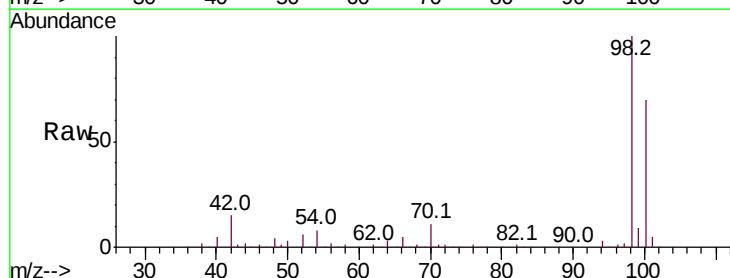
Acq: 20 Dec 2018 22:36

Tgt Ion: 98 Resp: 1061296

Ion Ratio Lower Upper

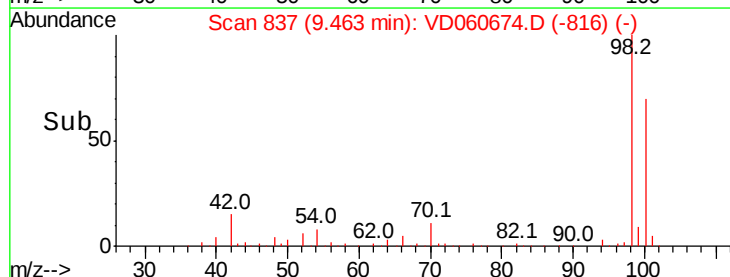
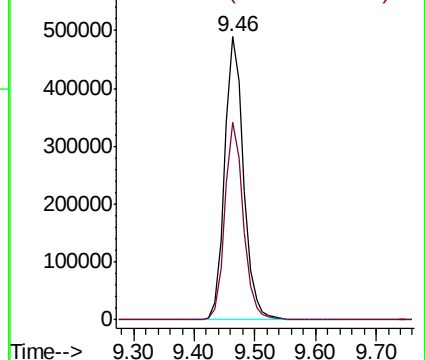
98 100

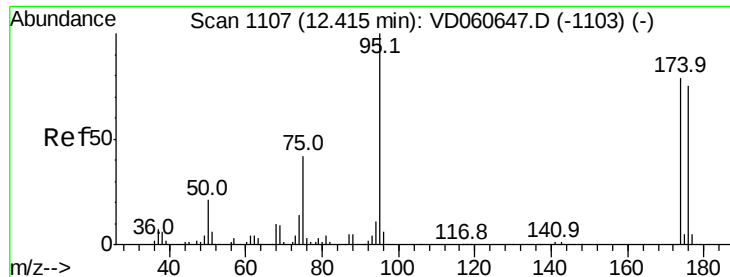
100 69.8 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

Instrument :

MSVOA_D

ClientSampleId :

SW-PROP-2RE

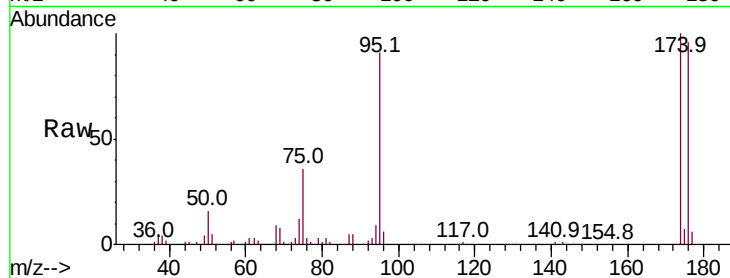
Tot Ion: 95 Resp: 297604

Ion Ratio Lower Upper

95 100

174 109.5 0.0 158.2

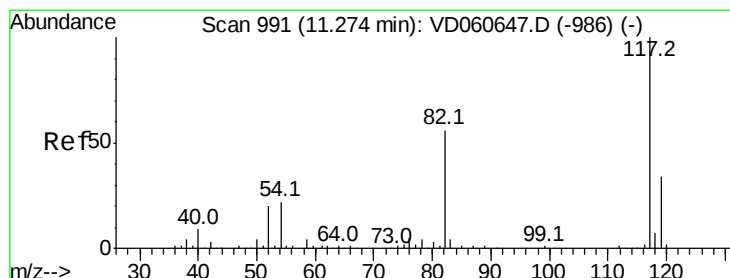
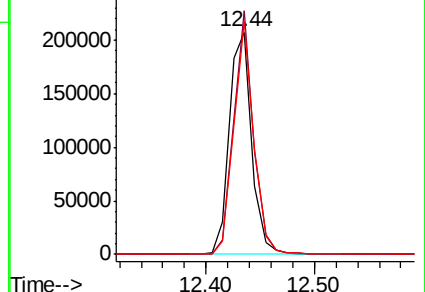
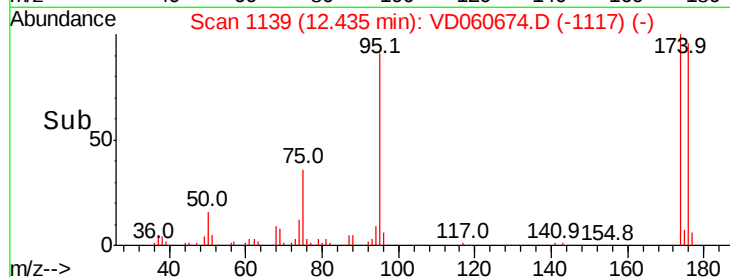
176 105.0 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.29 min Scan# 1023

Delta R.T. 0.01 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

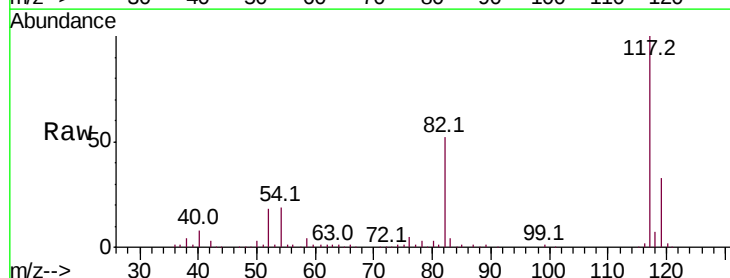
Tgt Ion: 117 Resp: 1038026

Ion Ratio Lower Upper

117 100

82 52.4 44.5 66.7

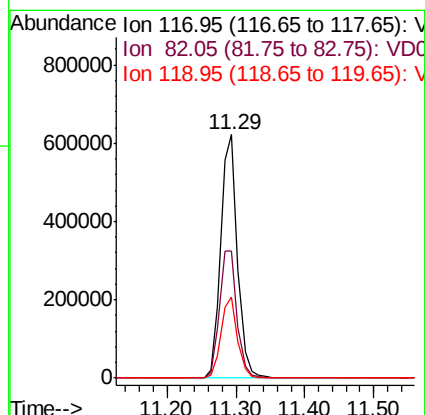
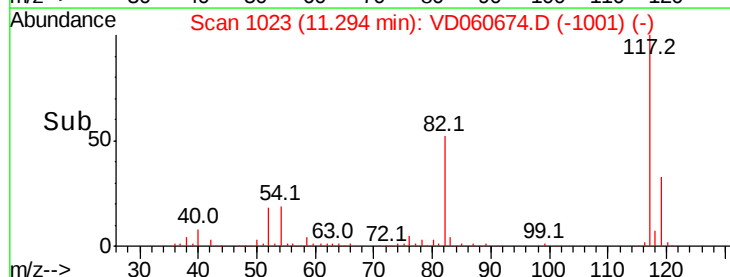
119 33.1 26.3 39.5

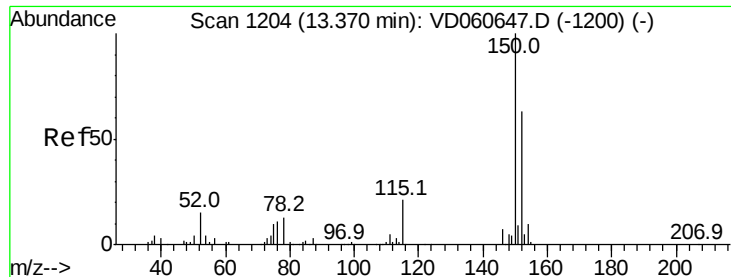


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1235

Delta R.T. 0.00 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

Instrument :

MSVOA_D

ClientSampleId :

SW-PROP-2RE

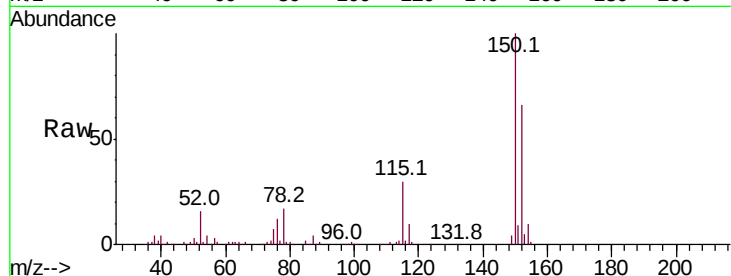
Tot Ion:152 Resp: 327365

Ion Ratio Lower Upper

152 100

115 45.5 24.1 72.3

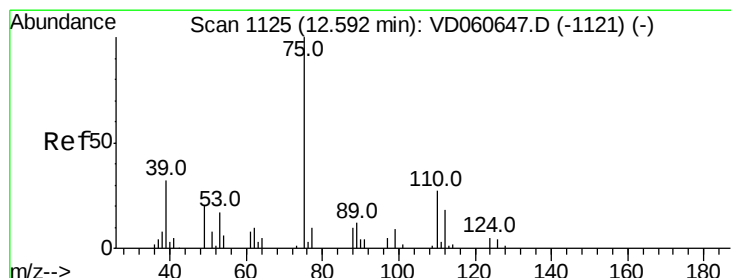
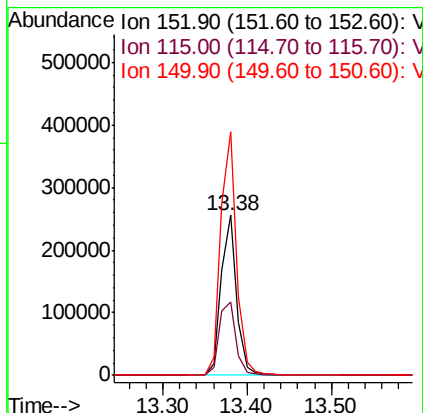
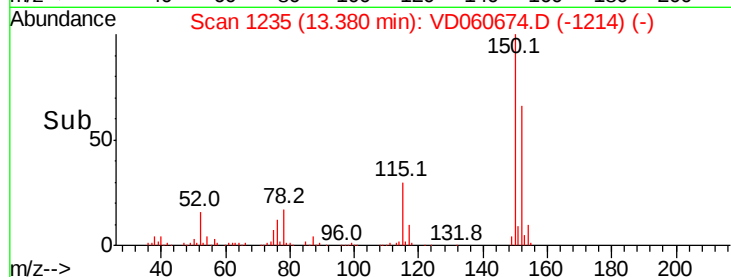
150 151.8 0.0 315.0



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: 30.039 ug/l

RT: 12.44 min Scan# 1139

Delta R.T. -0.16 min

Lab File: VD060674.D

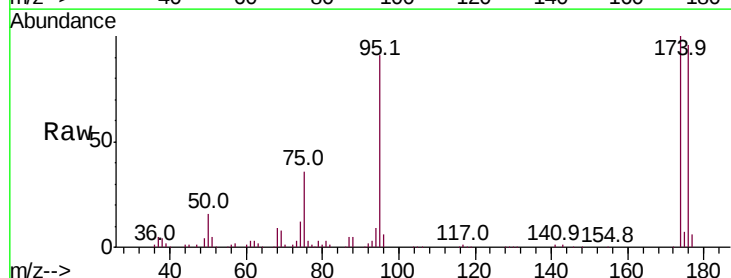
Acq: 20 Dec 2018 22:36

Tgt Ion: 75 Resp: 111957

Ion Ratio Lower Upper

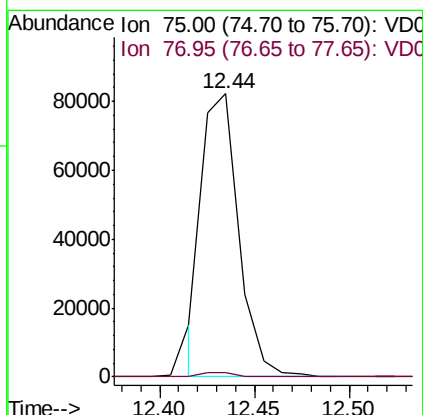
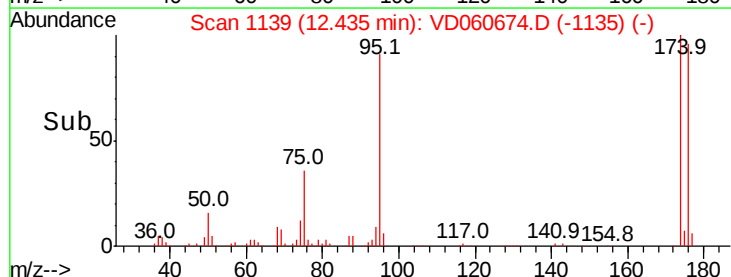
75 100

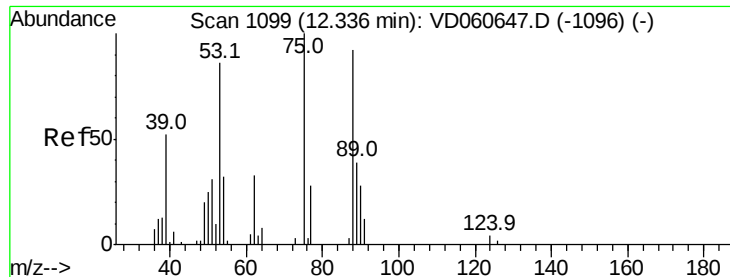
77 1.6 16.7 50.0#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 76.95 (76.65 to 77.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 117.599 ug/l

RT: 12.44 min Scan# 1139

Delta R.T. 0.09 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

Instrument :

MSVOA_D

ClientSampleId :

SW-PROP-2RE

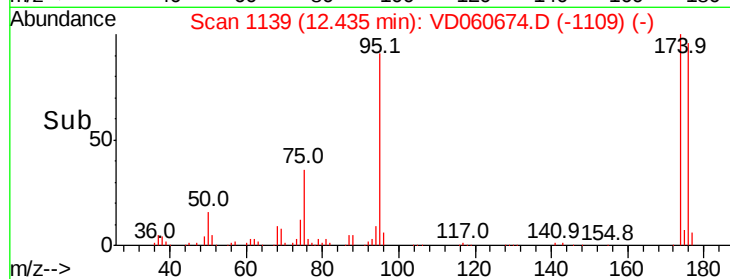
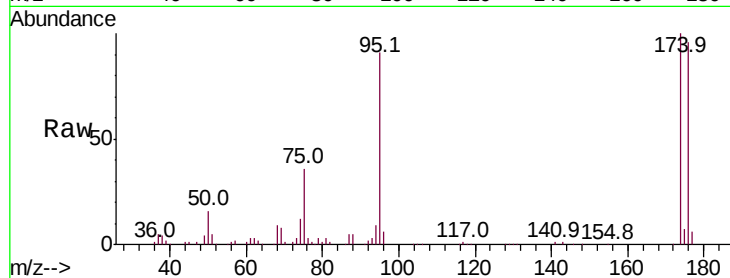
Tot Ion: 75 Resp: 121111

Ion Ratio Lower Upper

75 100

53 0.0 72.1 108.1#

89 0.0 35.1 52.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

