

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 :

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

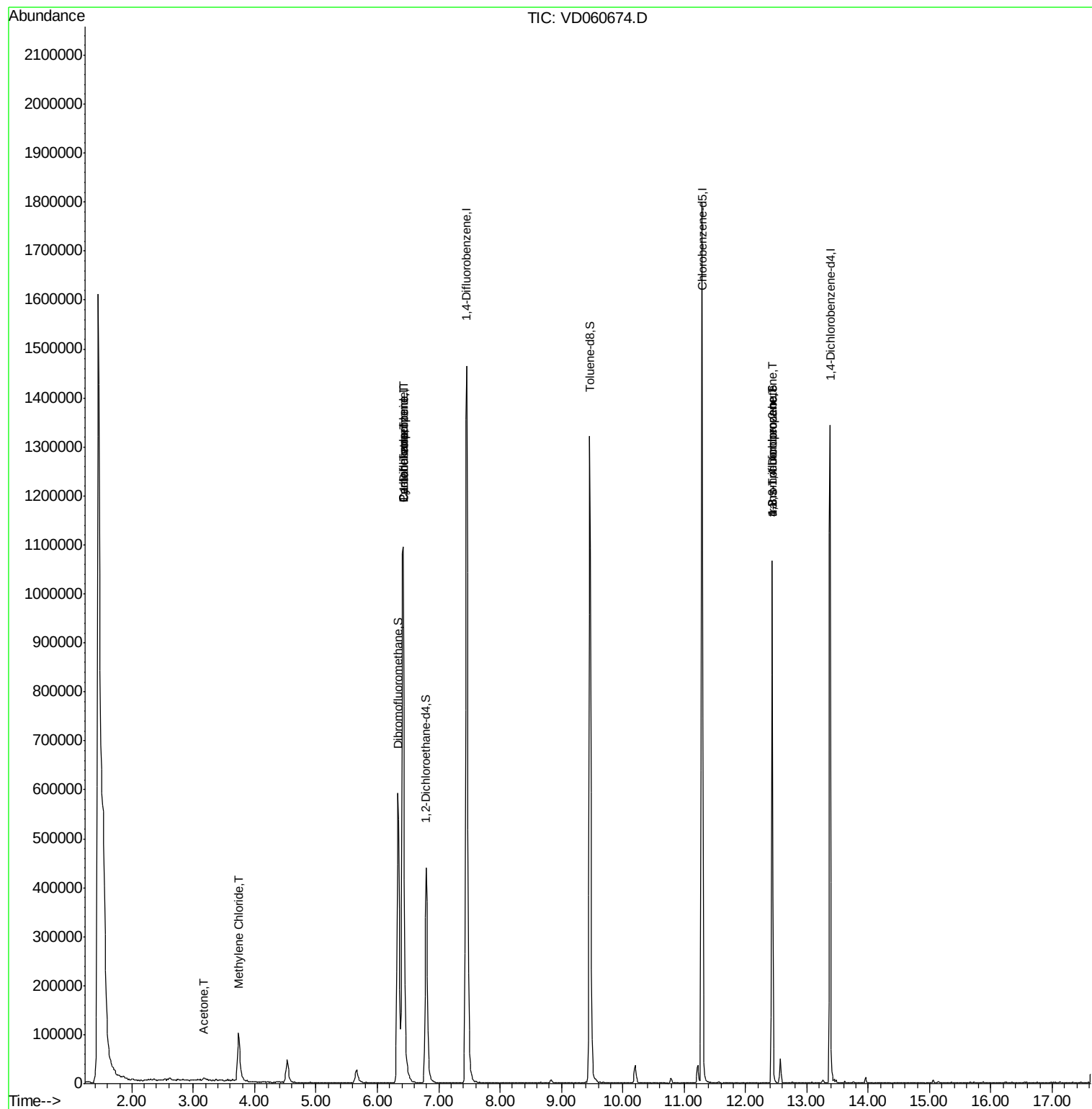
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1116575	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.46	114	1563687	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.29	117	1038026	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	327365	50.00	ug/l	0.00
System Monitoring 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

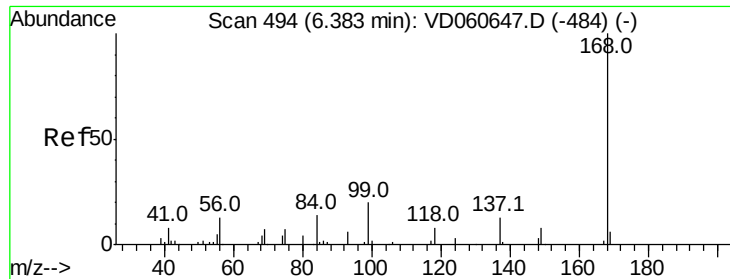
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

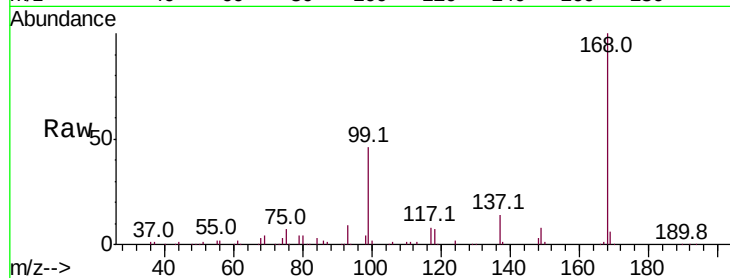
ClientSampleId :

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

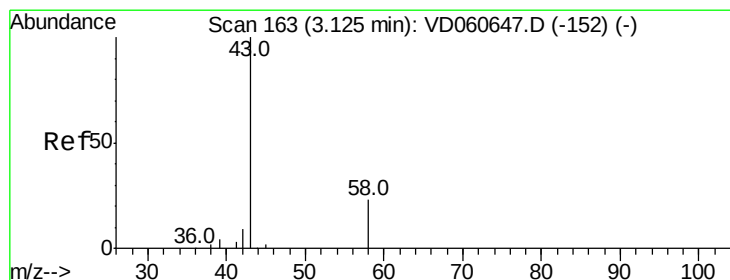
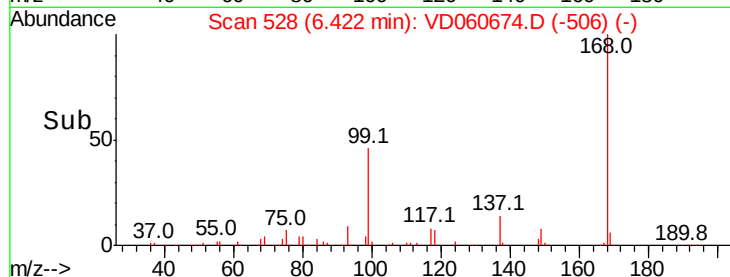
300000

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

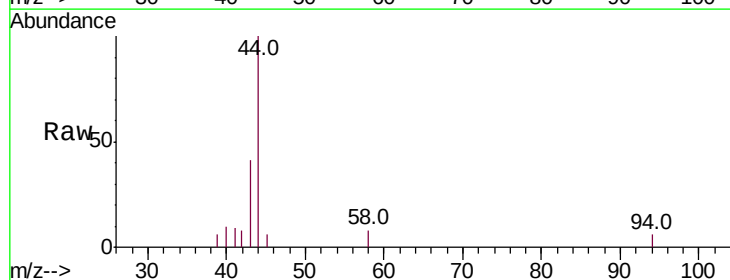
Acq: 20 Dec 2018 22:36

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

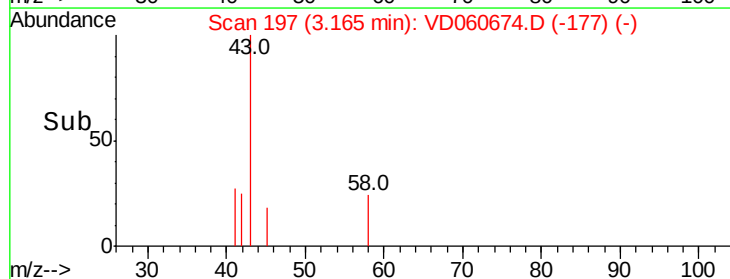
1500

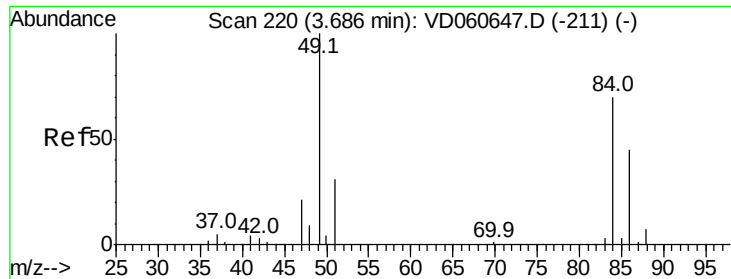
1000

500

0

Time-->

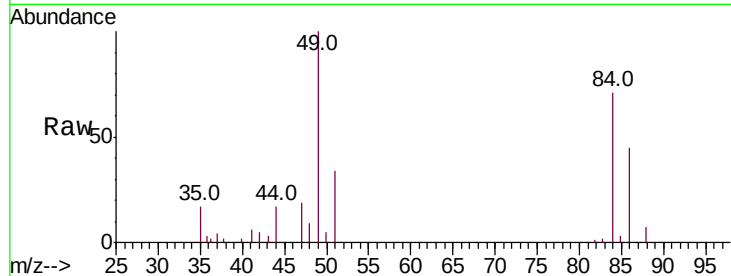




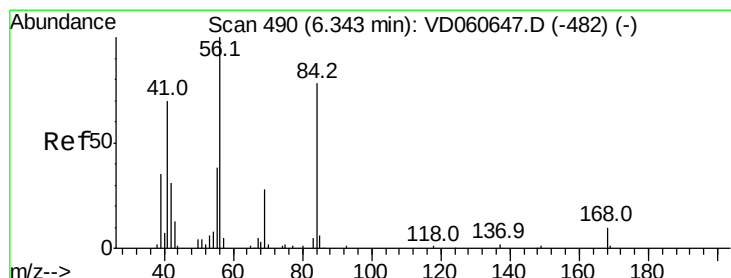
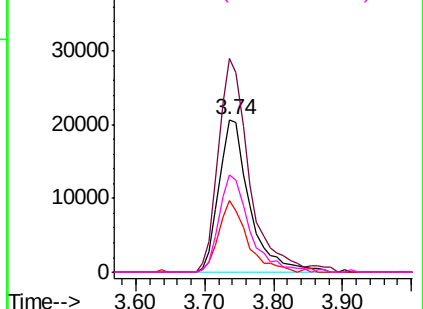
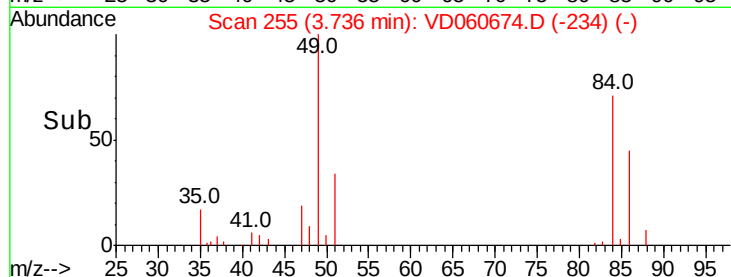
#20
Methvlene Chloride
Concen: 4.577 ug/l
RT: 3.74 min Scan# 255
Delta R.T. 0.00 min
Lab File: VD060674.D
Acq: 20 Dec 2018 22:36

Instrument :
MSVOA_D
ClientSampleId :

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

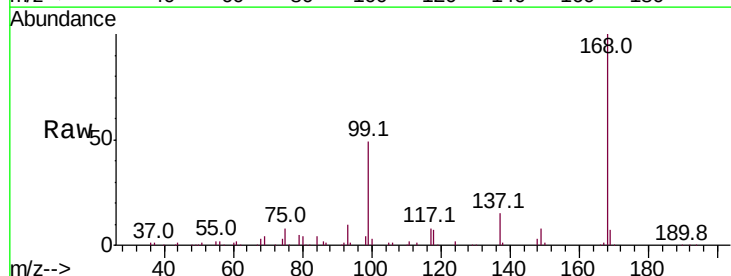


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

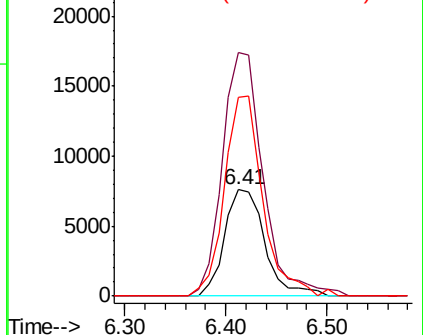
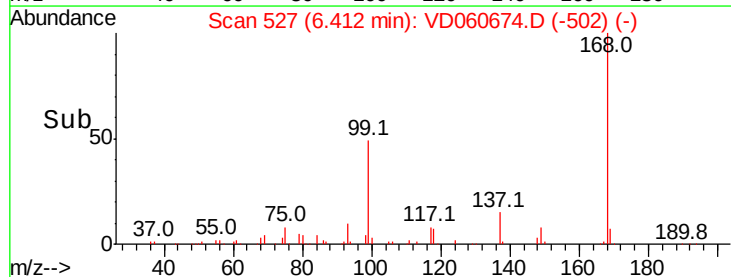


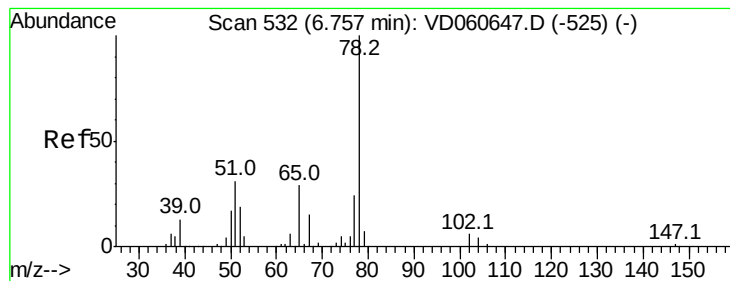
#31
Cyclohexane
Concen: 1.081 ug/l
RT: 6.41 min Scan# 527
Delta R.T. 0.04 min
Lab File: VD060674.D
Acq: 20 Dec 2018 22:36

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

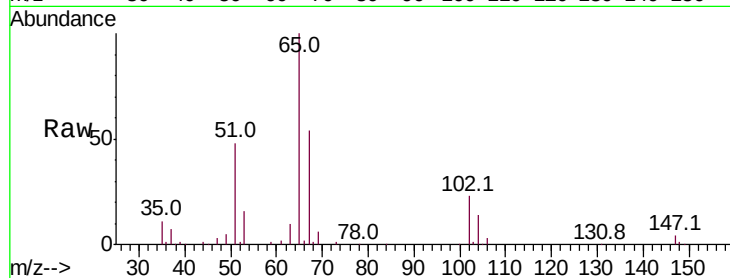
ClientSampleId :

Tot Ion: 65 Resp: 354813

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.80

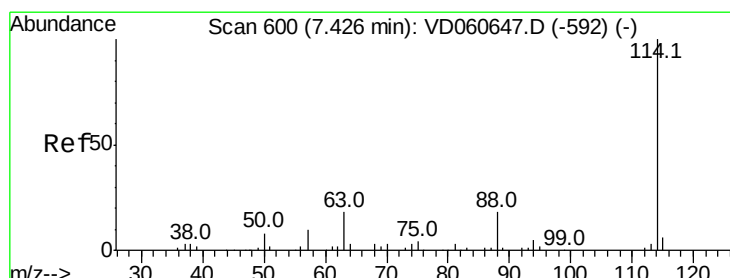
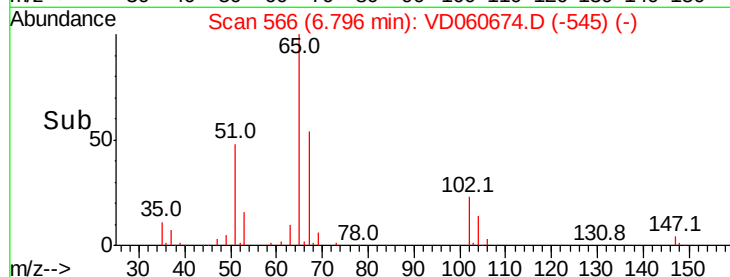
150000

100000

50000

0

Time-->



#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

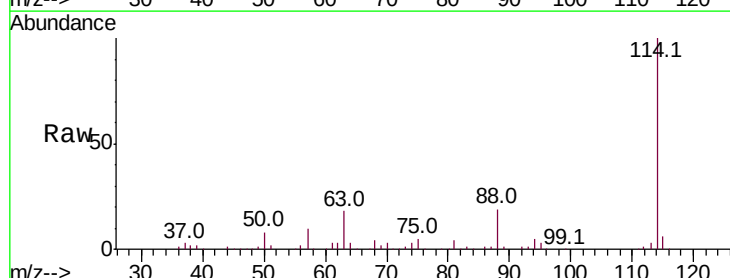
Tgt Ion: 114 Resp: 1563687

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.2

88 18.5 0.0 37.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

800000

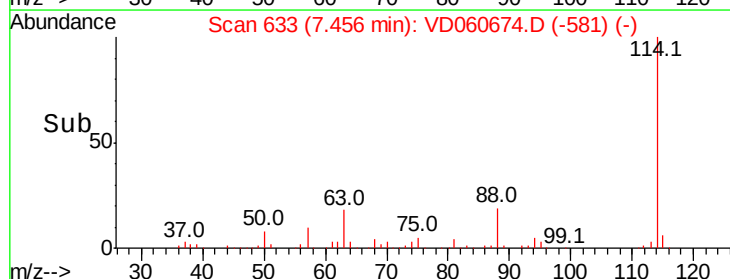
600000

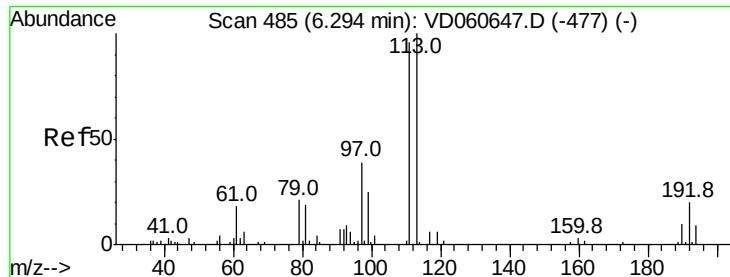
400000

200000

0

Time-->





#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

ClientSampled :

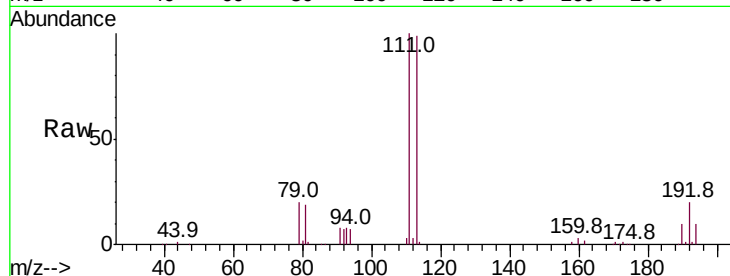
Tot Ion:113 Resp: 476346

Ion Ratio Lower Upper

113 100

111 100.8 80.0 120.0

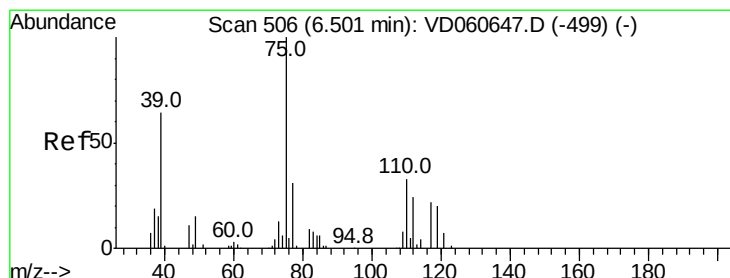
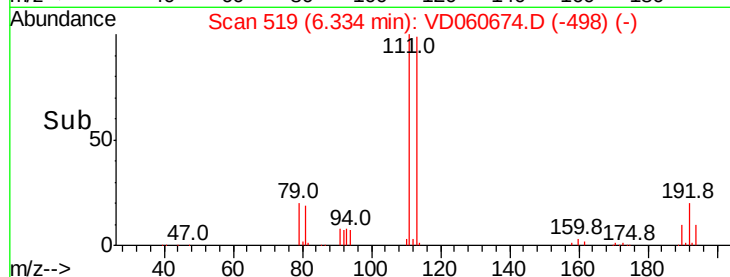
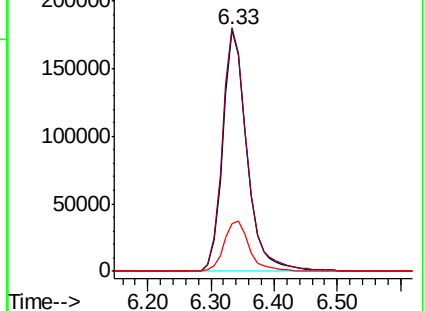
192 19.8 16.6 25.0



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

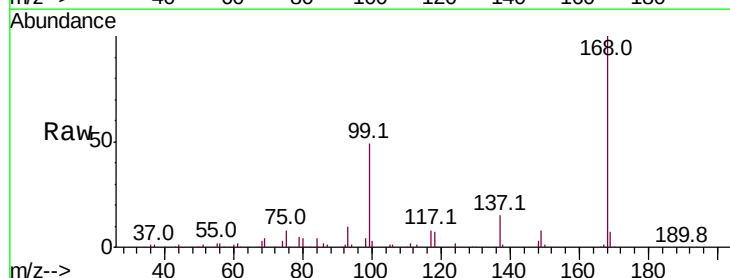
Tgt Ion: 75 Resp: 80859

Ion Ratio Lower Upper

75 100

110 5.7 18.9 56.7#

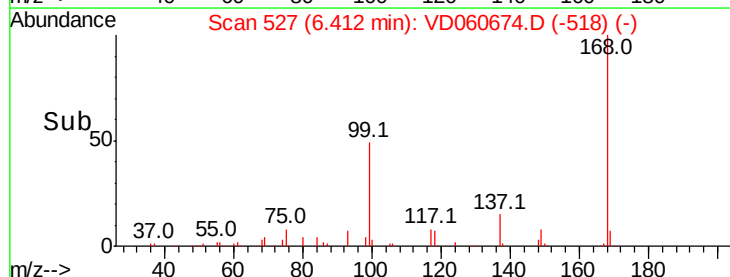
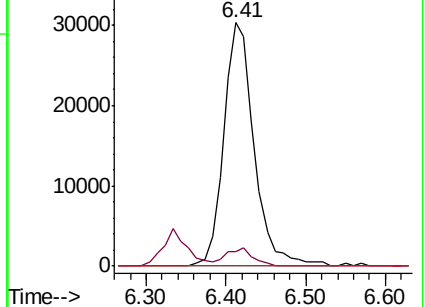
77 0.0 25.4 38.0#

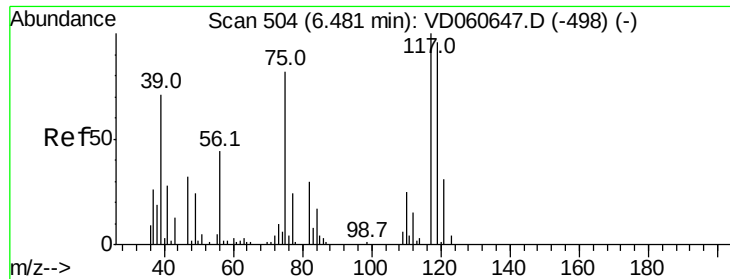


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

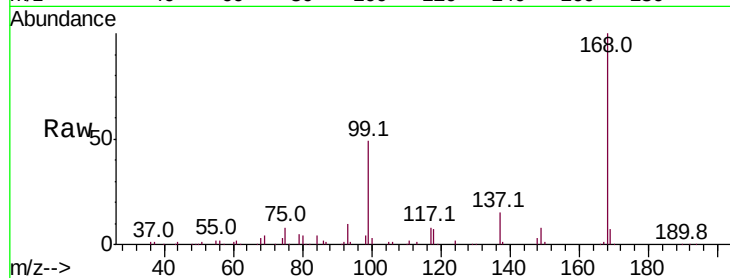




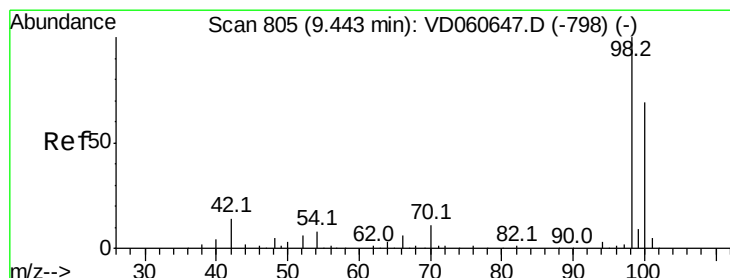
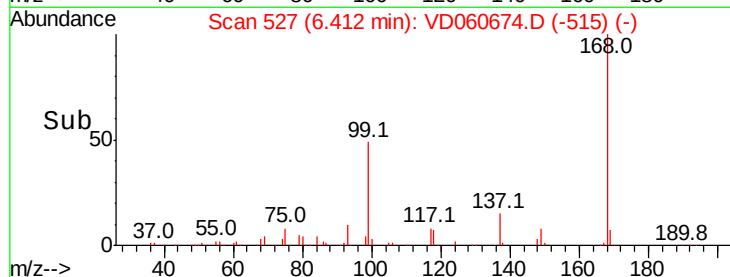
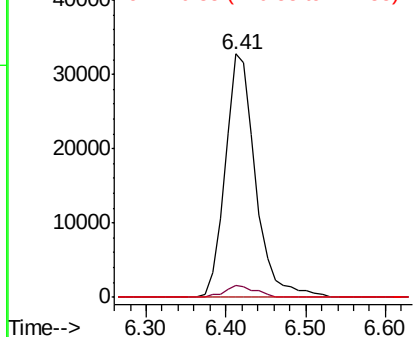
#38
Carbon Tetrachloride
Concen: 6.103 ug/l
RT: 6.41 min Scan# 527
Delta R.T. -0.08 min
Lab File: VD060674.D
Acq: 20 Dec 2018 22:36

Instrument :
MSVOA_D
ClientSampleId :

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#

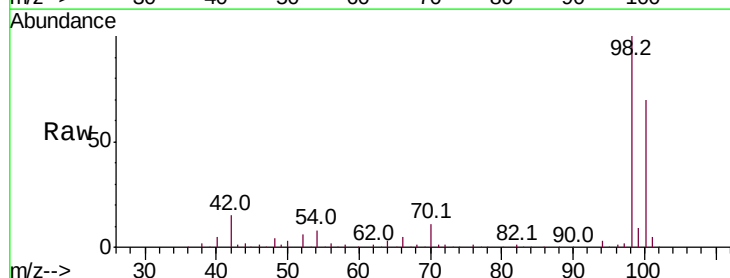


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

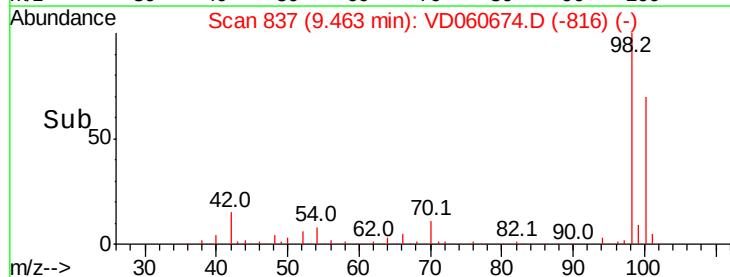
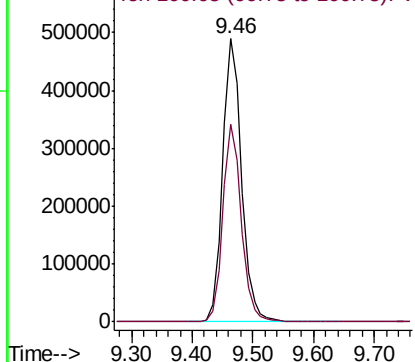


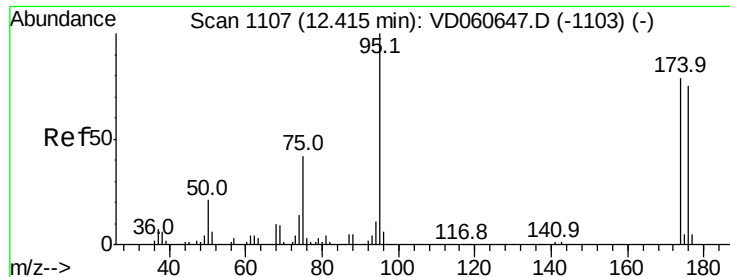
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 837
Delta R.T. 0.00 min
Lab File: VD060674.D
Acq: 20 Dec 2018 22:36

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

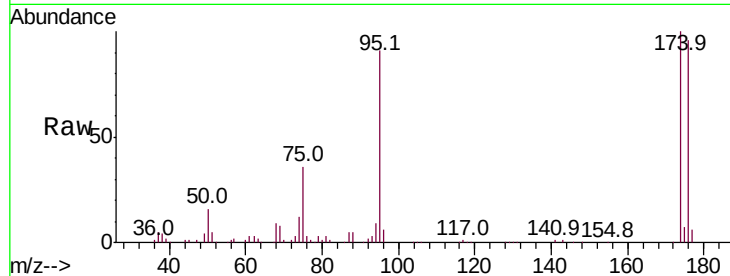




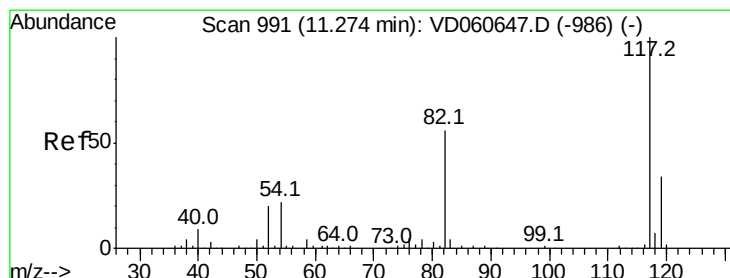
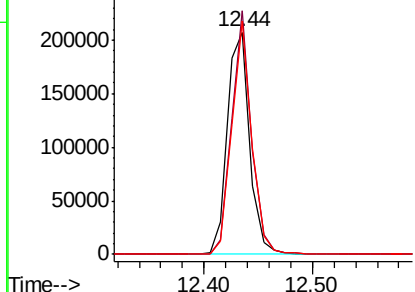
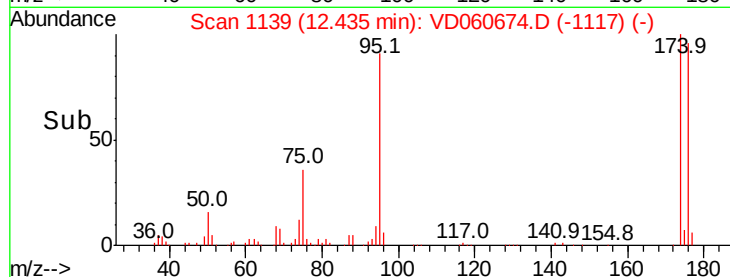
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VD060674.D
Acq: 20 Dec 2018 22:36

Instrument :
MSVOA_D
ClientSampleId :

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

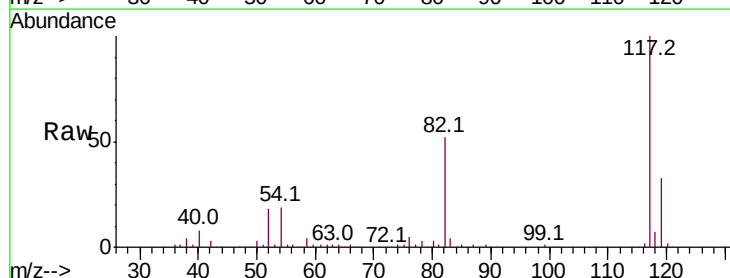


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

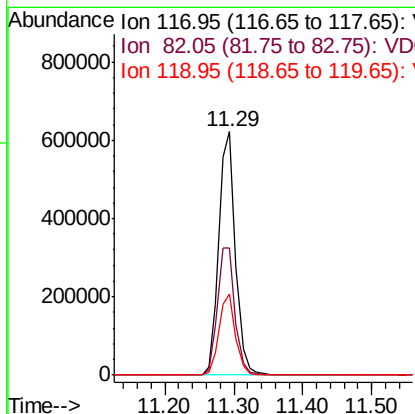
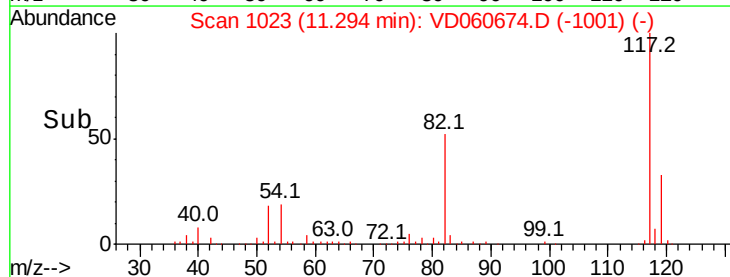


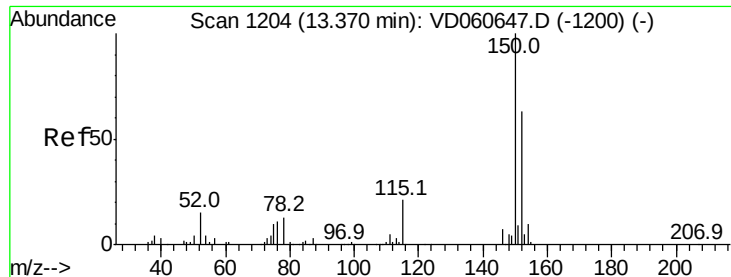
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VD060674.D
Acq: 20 Dec 2018 22:36

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



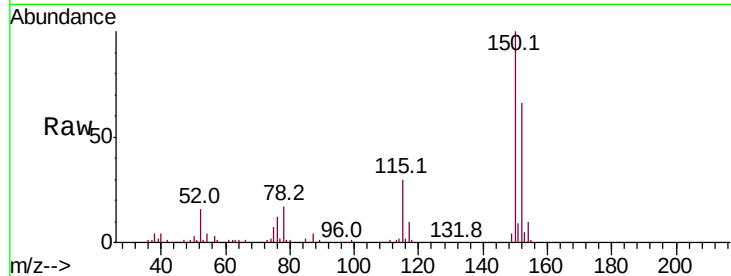


#72

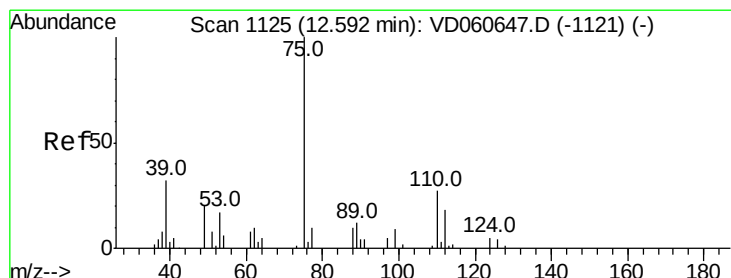
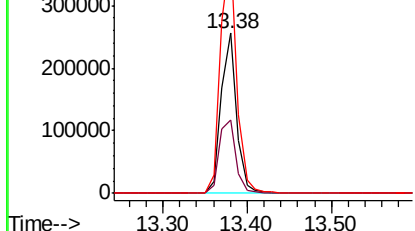
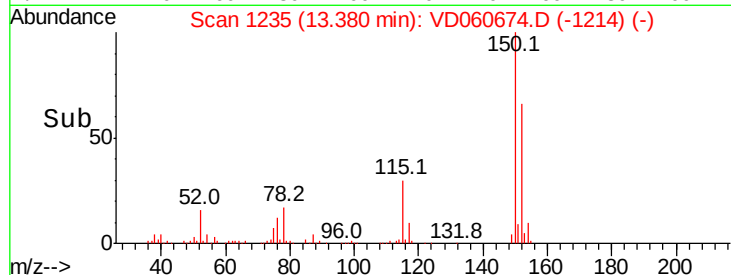
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VD060674.D
Acq: 20 Dec 2018 22:36

Instrument :
MSVOA_D
ClientSampled :

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



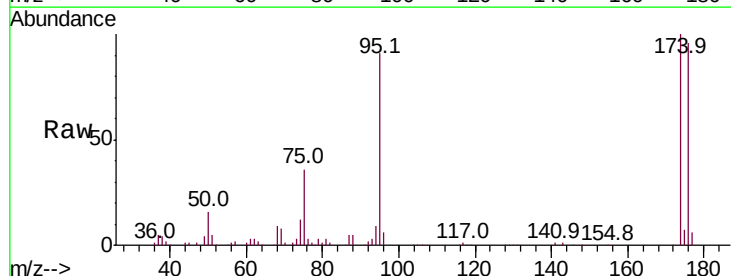
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



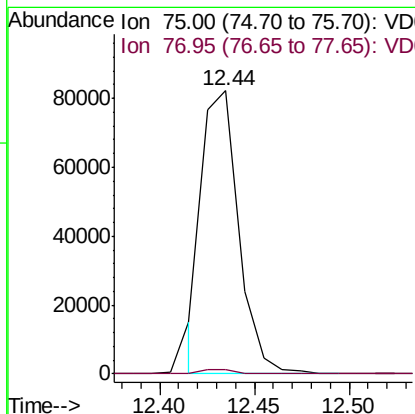
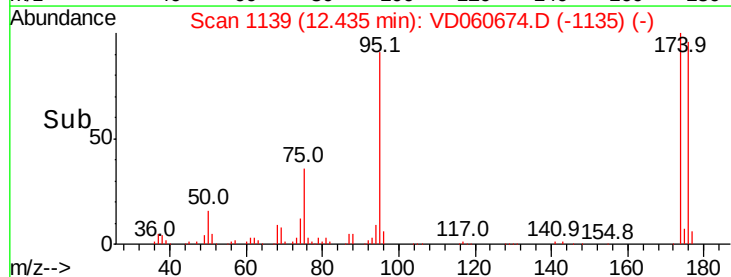
#76

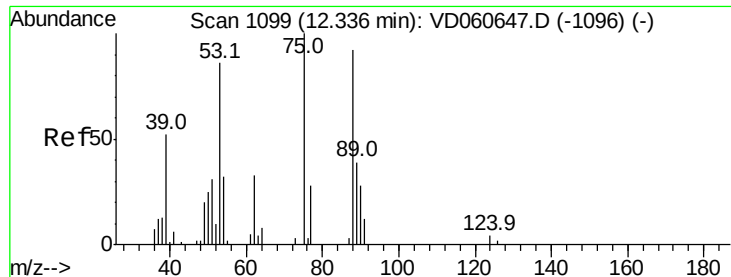
1,2,3-Trichloropropane
Concen: 30.039 ug/l
RT: 12.44 min Scan# 1139
Delta R.T. -0.16 min
Lab File: VD060674.D
Acq: 20 Dec 2018 22:36

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): VDC
Ion 76.95 (76.65 to 77.65): VDC





#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 :

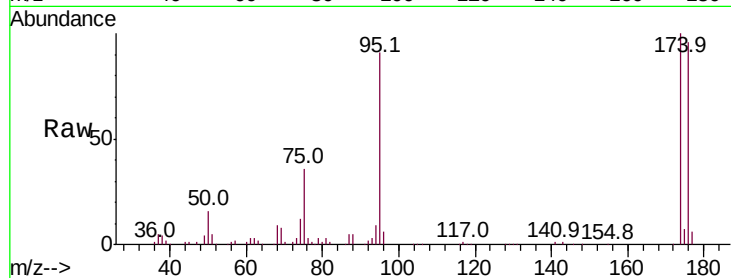
Tot Ion: 75 Resp: 121111

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

