

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062375.D
 Acq On : 15 May 2019 5:51
 Operator : FY/SY
 Sample : K2770-01
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-STONES

Quant Time: May 15 06:34:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	593519	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	842017	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.37	117	556076	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	239795	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	313189	56.78	ug/l	0.05
Spiked Amount 50.000			Recovery	=	113.56%	
35) Dibromofluoromethane	6.94	113	335223	47.98	ug/l	0.05
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	10.43	98	553418	32.85	ug/l	0.03
Spiked Amount 50.000			Recovery	=	65.70%	
62) 4-Bromofluorobenzene	13.56	95	249037	36.82	ug/l	0.02
Spiked Amount 50.000			Recovery	=	73.64%	

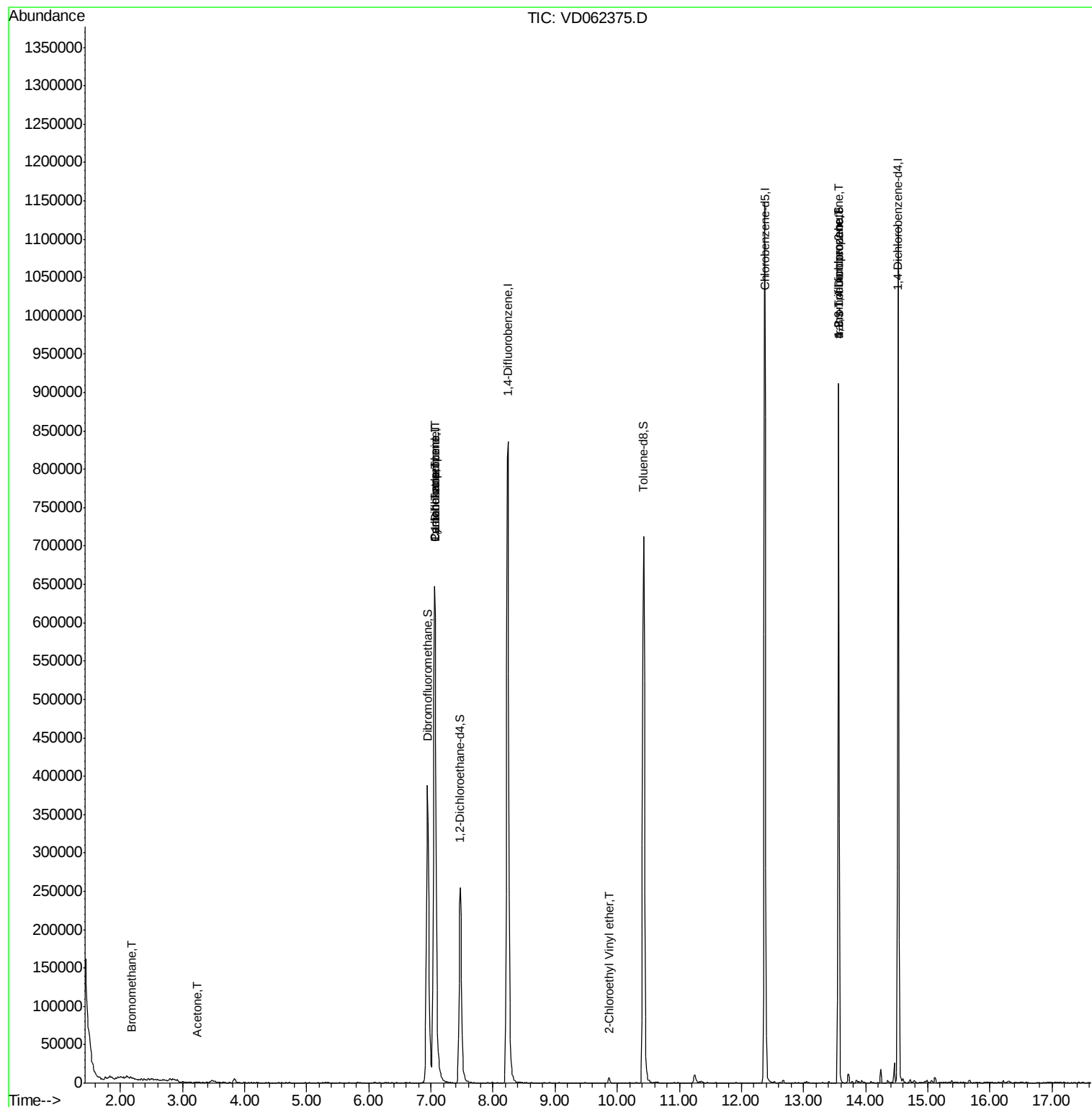
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	1081	1.144	ug/l #	12
16) Acetone	3.24	43	2205	1.906	ug/l #	50
31) Cyclohexane	7.05	56	14160	2.447	ug/l #	3
36) 1,1-Dichloropropene	7.07	75	51700	7.489	ug/l #	47
38) Carbon Tetrachloride	7.06	117	67160	7.028	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.86	63	3343	1.641	ug/l	94
76) 1,2,3-Trichloropropane	13.56	75	109146	38.300	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	117409	145.939	ug/l #	16

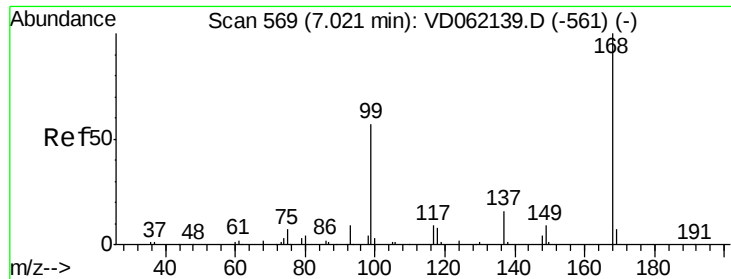
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051419\
Data File : VD062375.D
Acq On : 15 May 2019 5:51
Operator : FY/SY
Sample : K2770-01
Misc : 5.00µ/5mL/MSVOA D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

Quant Time: May 15 06:34:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062375.D

Acq: 15 May 2019 5:51

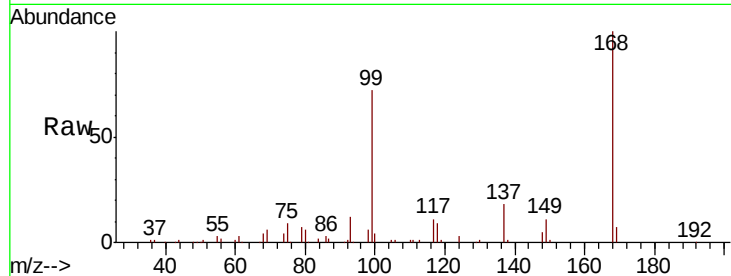
Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

Tot Ion:168 Resp: 593519

Ion Ratio Lower Upper

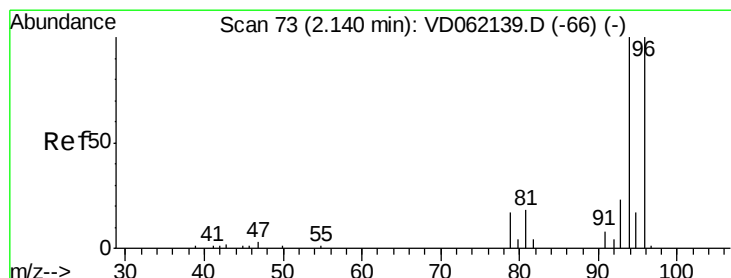
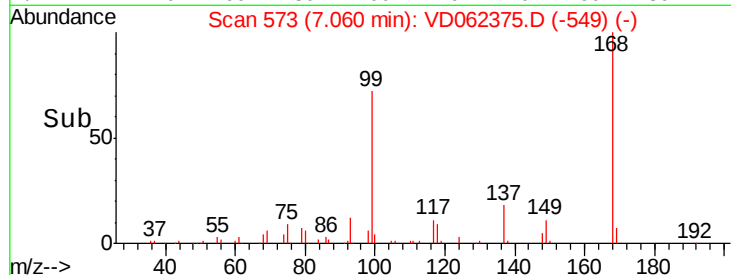
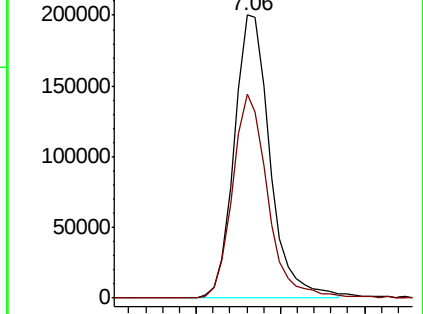
168 100

99 72.0 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 1.144 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.04 min

Lab File: VD062375.D

Acq: 15 May 2019 5:51

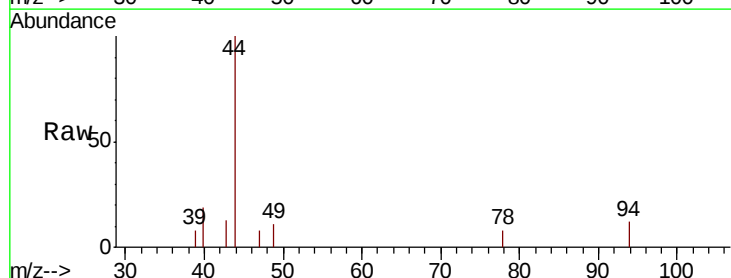
Tgt Ion: 94 Resp: 1081

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

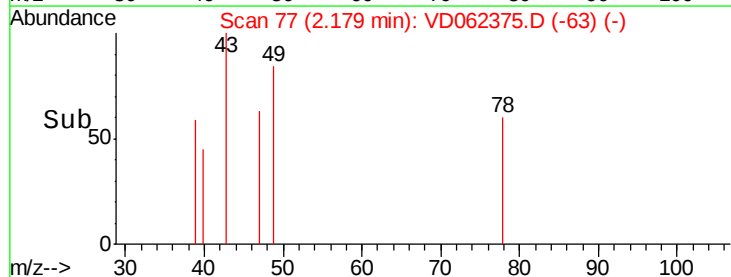
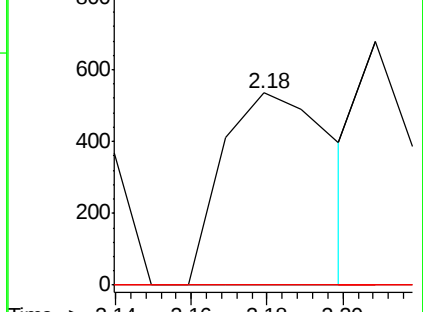
93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 1.906 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.05 min

Lab File: VD062375.D

Acq: 15 May 2019 5:51

Instrument :

MSVOA_D

ClientSampleId :

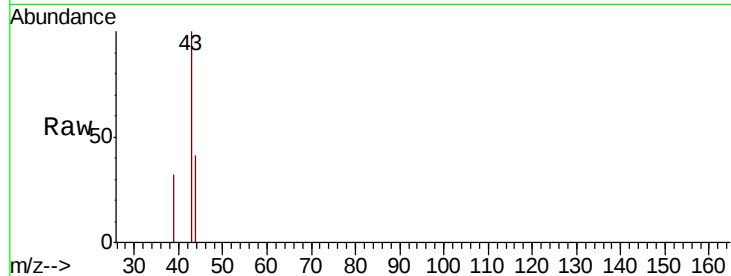
OILY-STONES

Tot Ion: 43 Resp: 2205

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

1000

800

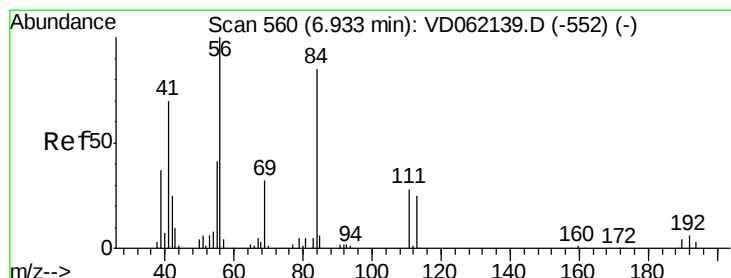
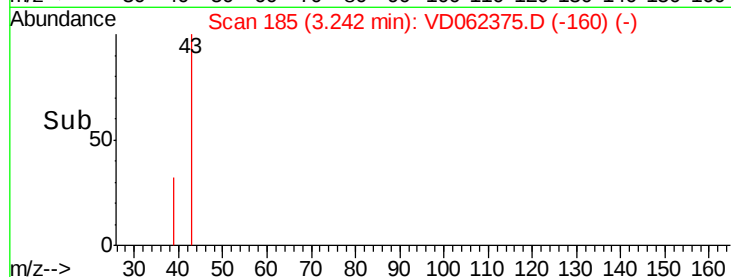
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 2.447 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.12 min

Lab File: VD062375.D

Acq: 15 May 2019 5:51

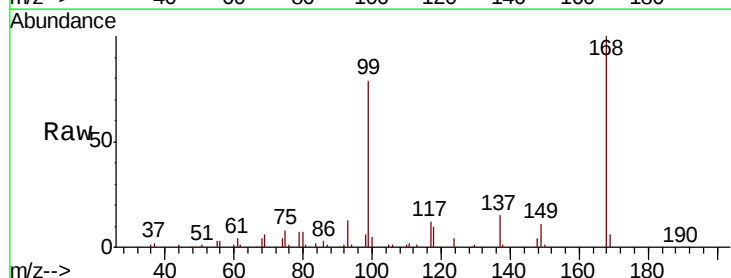
Tgt Ion: 56 Resp: 14160

Ion Ratio Lower Upper

56 100

69 191.1 25.8 38.6#

84 61.6 72.2 108.4#



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

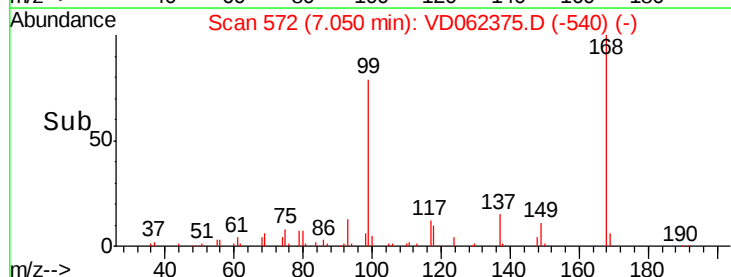
15000

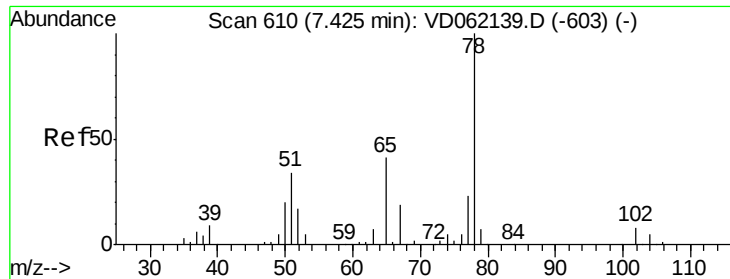
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.782 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062375.D

Acq: 15 May 2019 5:51

Instrument :

MSVOA_D

ClientSampleId :

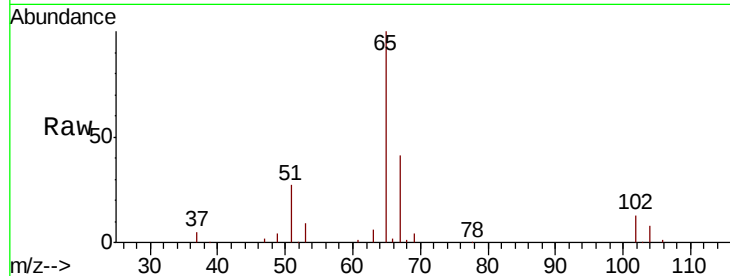
OILY-STONES

Tot Ion: 65 Resp: 313189

Ion Ratio Lower Upper

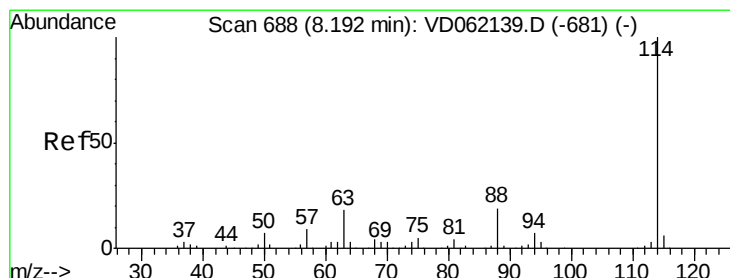
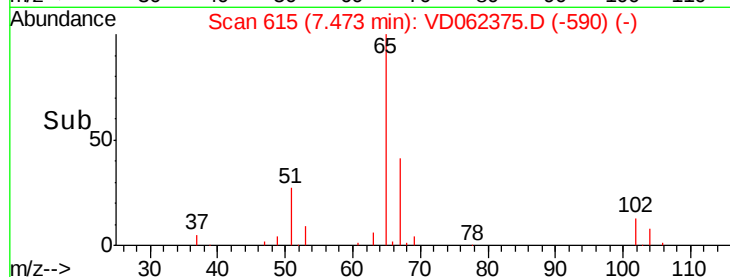
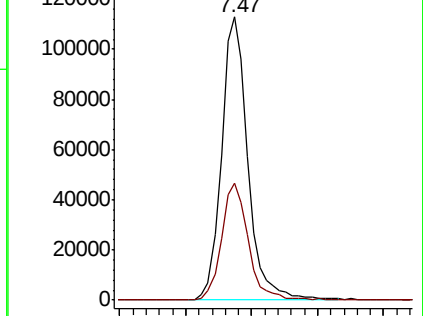
65 100

67 41.4 0.0 98.0



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: 8.24 min Scan# 693

Delta R.T. 0.05 min

Lab File: VD062375.D

Acq: 15 May 2019 5:51

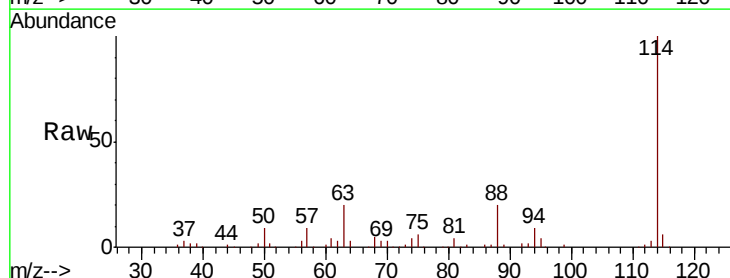
Tgt Ion: 114 Resp: 842017

Ion Ratio Lower Upper

114 100

63 19.6 0.0 32.4

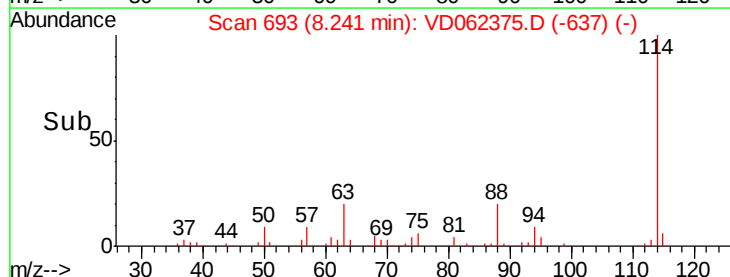
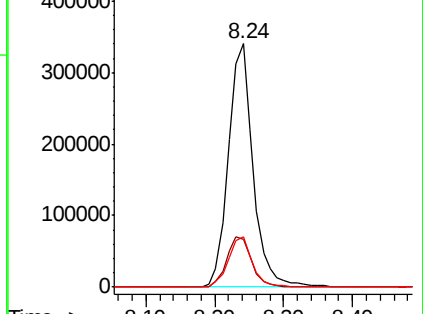
88 20.5 0.0 33.6



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





#35

Dibromofluoromethane

Concen: 47.983 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062375.D

Acq: 15 May 2019 5:51

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONES

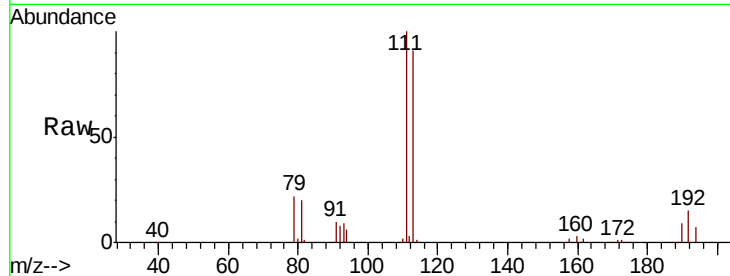
Tot Ion:113 Resp: 335223

Ion Ratio Lower Upper

113 100

111 110.3 78.5 117.7

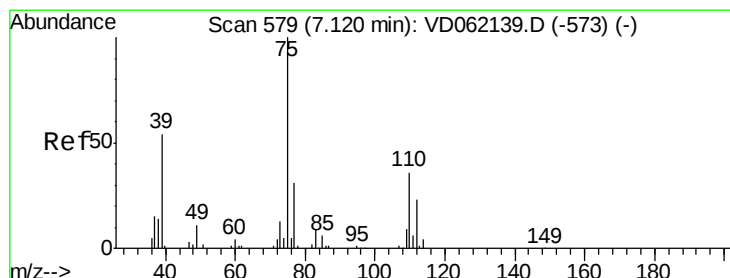
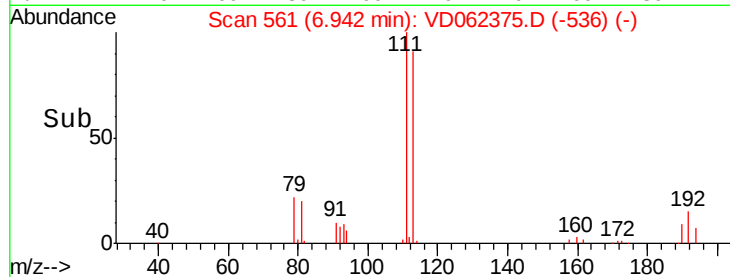
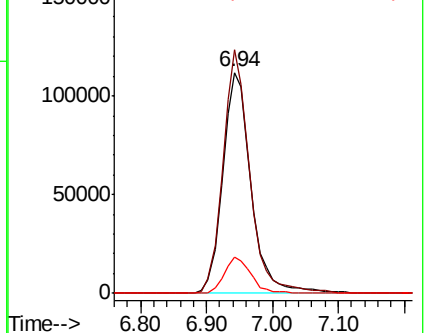
192 16.4 13.0 19.4



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: 7.489 ug/l

RT: 7.07 min Scan# 574

Delta R.T. -0.05 min

Lab File: VD062375.D

Acq: 15 May 2019 5:51

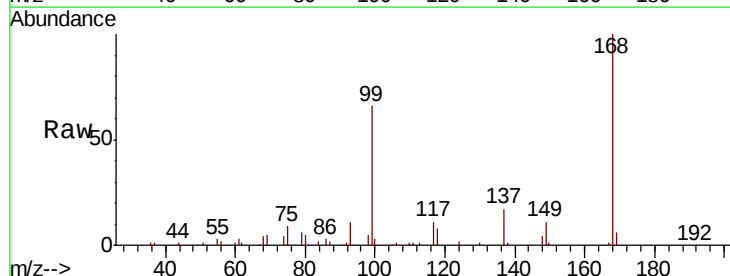
Tgt Ion: 75 Resp: 51700

Ion Ratio Lower Upper

75 100

110 7.8 19.1 57.1#

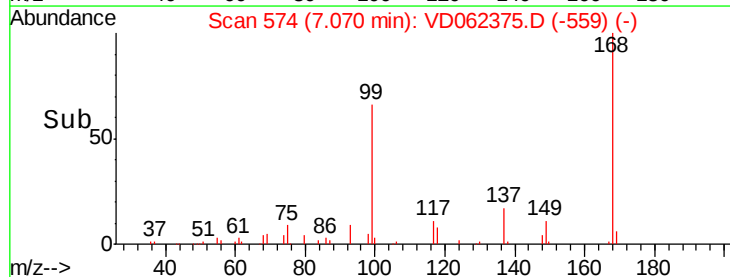
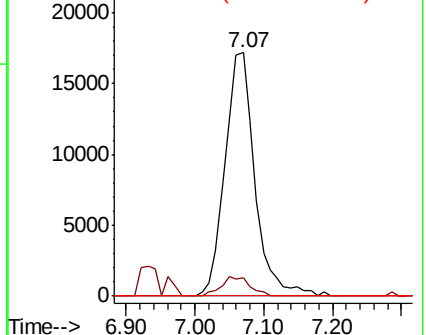
77 0.0 25.6 38.4#

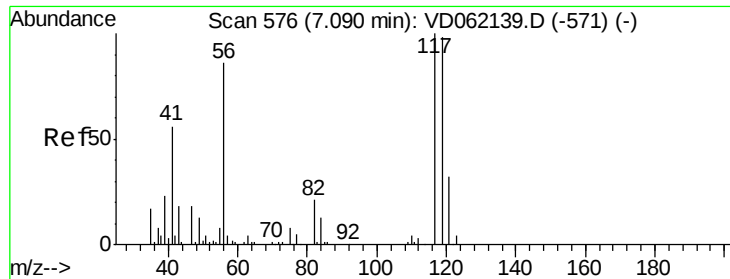


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

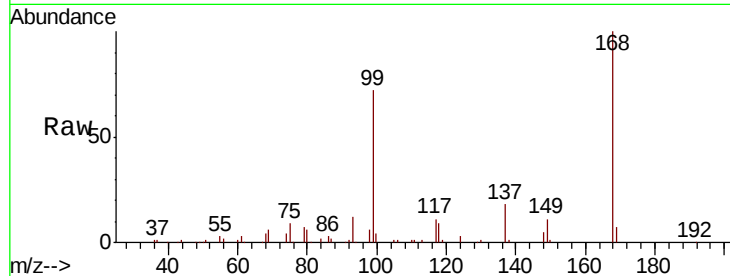




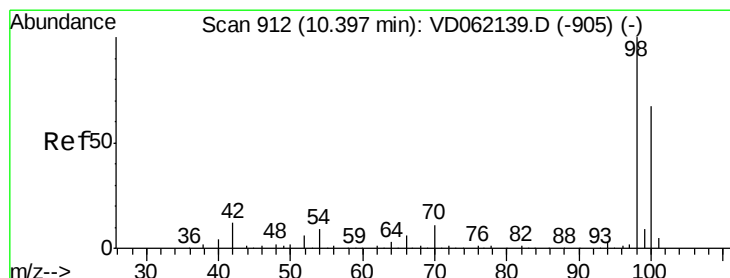
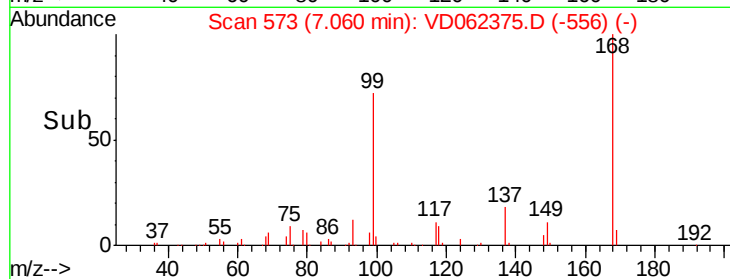
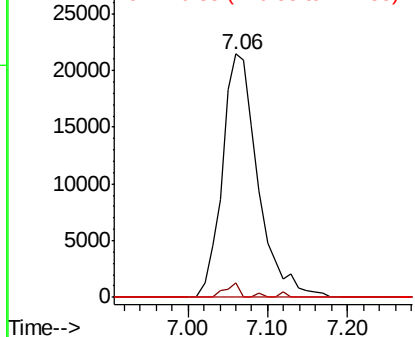
#38
Carbon Tetrachloride
Concen: 7.028 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.03 min
Lab File: VD062375.D
Acq: 15 May 2019 5:51

Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

Tot Ion:117 Resp: 67160
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 25.9 38.9#

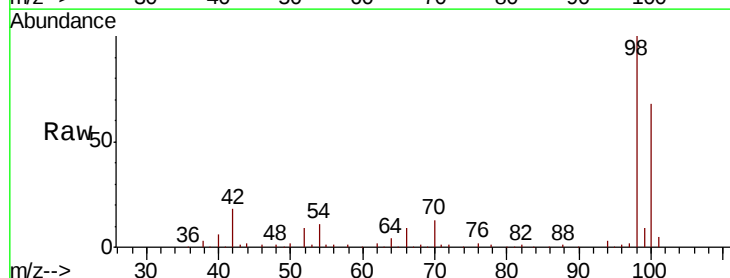


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

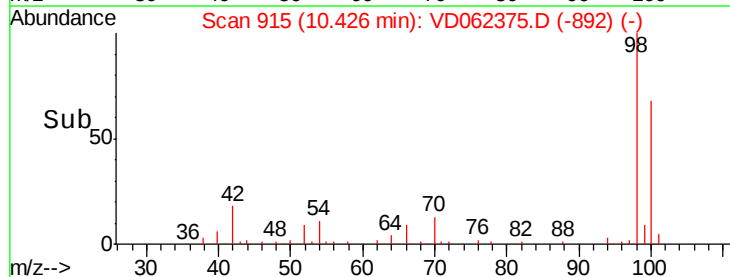
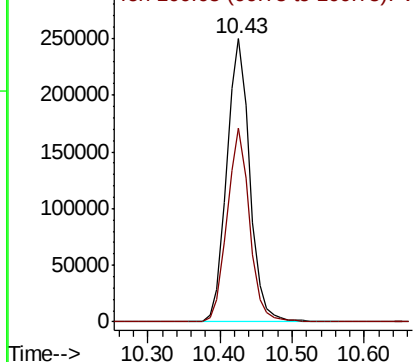


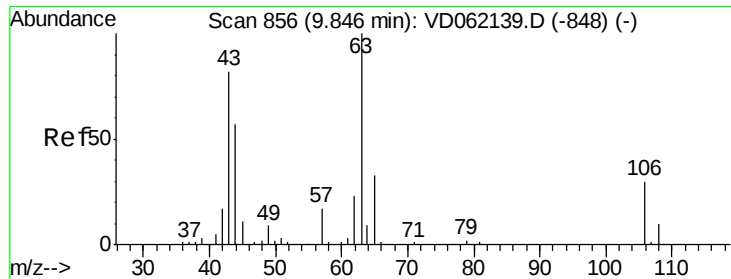
#50
Toluene-d8
Concen: 32.855 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062375.D
Acq: 15 May 2019 5:51

Tgt Ion: 98 Resp: 553418
Ion Ratio Lower Upper
98 100
100 68.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V

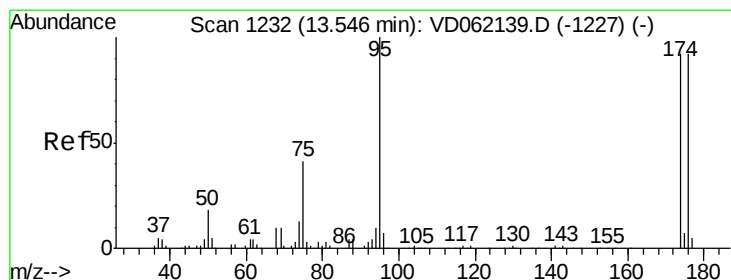
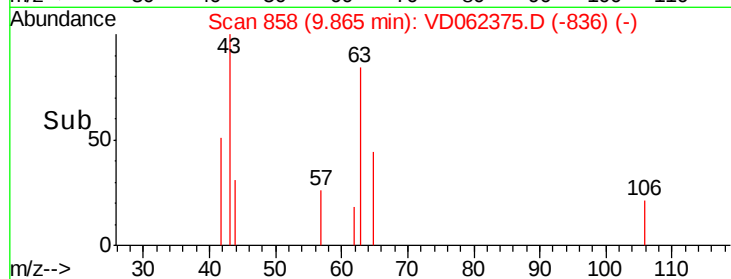
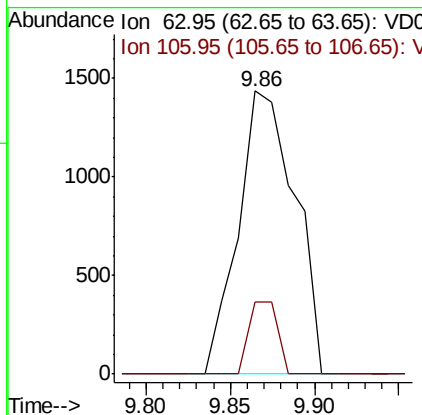
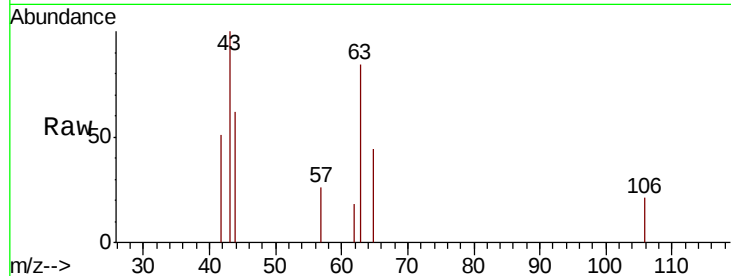




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.641 ug/l
 RT: 9.86 min Scan# 858
 Delta R.T. 0.02 min
 Lab File: VD062375.D
 Acq: 15 May 2019 5:51

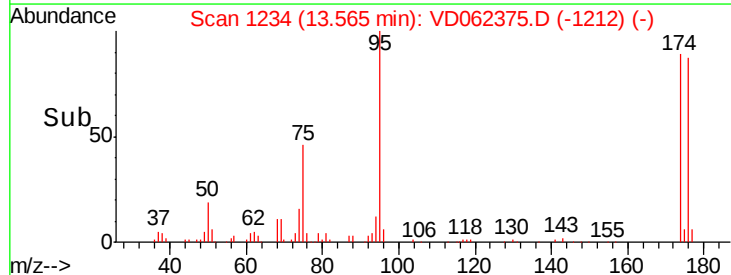
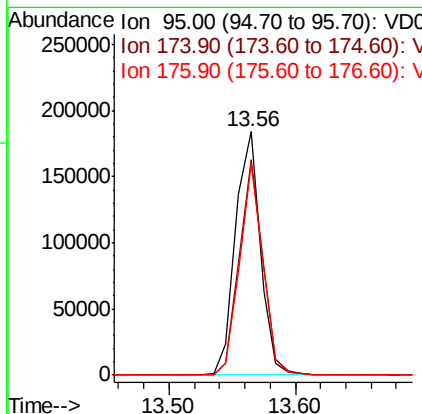
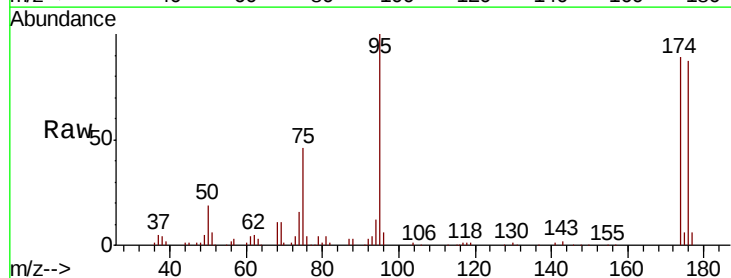
Instrument :
 MSVOA_D
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 OILY-STONES

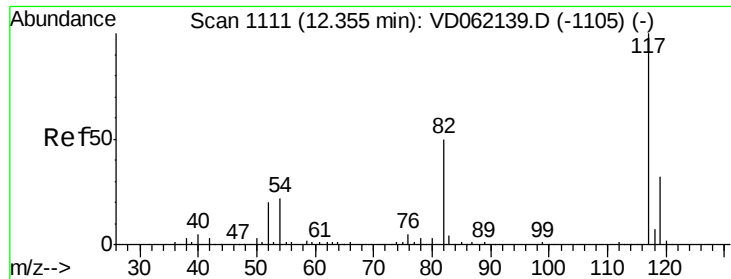
Tot Ion: 63 Resp: 3343
 Ion Ratio Lower Upper
 63 100
 106 25.3 22.6 34.0



#62
 4-Bromofluorobenzene
 Concen: 36.817 ug/l
 RT: 13.56 min Scan# 1234
 Delta R.T. 0.02 min
 Lab File: VD062375.D
 Acq: 15 May 2019 5:51

Tgt Ion: 95 Resp: 249037
 Ion Ratio Lower Upper
 95 100
 174 88.6 0.0 181.8
 176 86.7 0.0 174.4

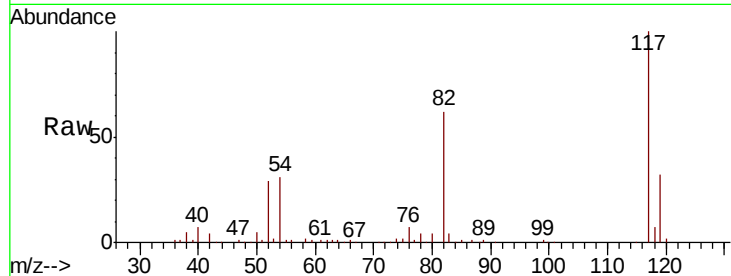




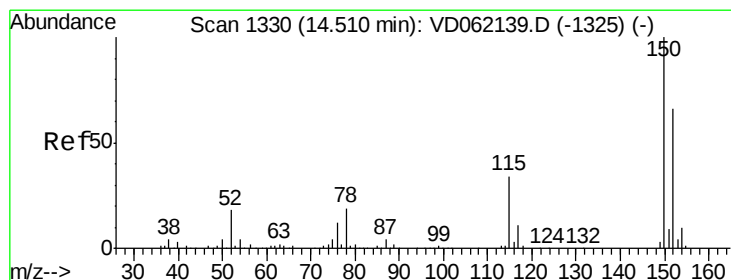
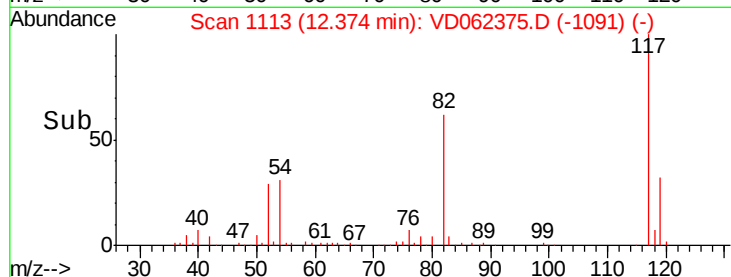
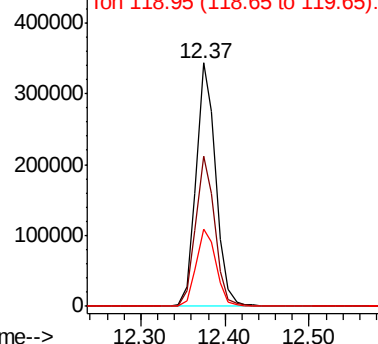
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062375.D
Acq: 15 May 2019 5:51

Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

Tot Ion:117 Resp: 556076
Ion Ratio Lower Upper
117 100
82 61.8 36.2 54.2#
119 31.9 26.2 39.4

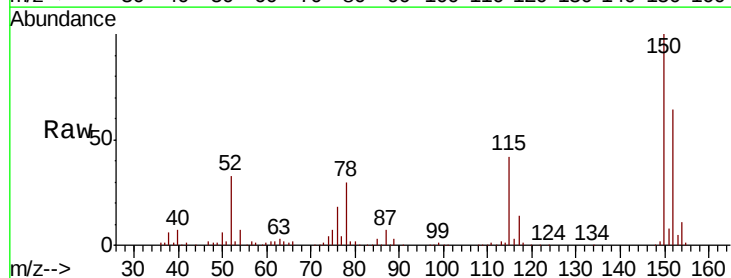


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

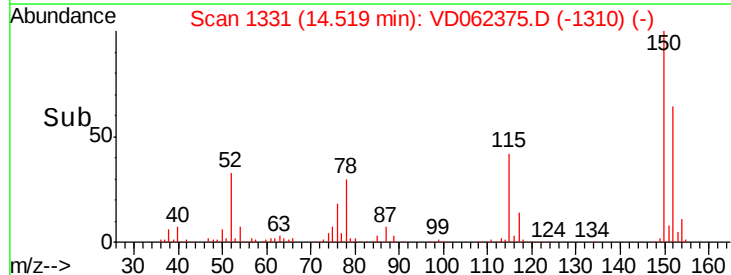
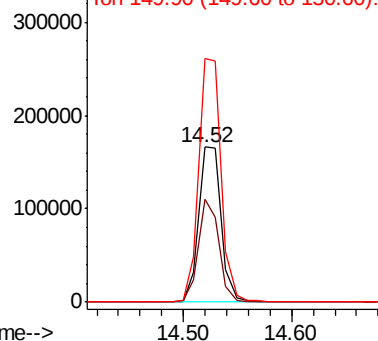


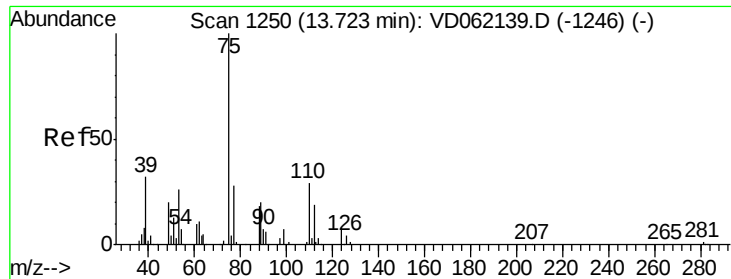
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062375.D
Acq: 15 May 2019 5:51

Tgt Ion:152 Resp: 239795
Ion Ratio Lower Upper
152 100
115 66.1 30.9 92.7
150 157.2 0.0 314.8



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: 38.300 ug/l

RT: 13.56 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD062375.D

Acq: 15 May 2019 5:51

Instrument :

MSVOA_D

ClientSampleId :

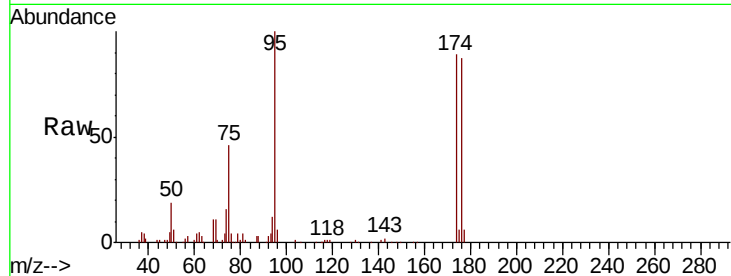
OILY-STONES

Tot Ion: 75 Resp: 109146

Ion Ratio Lower Upper

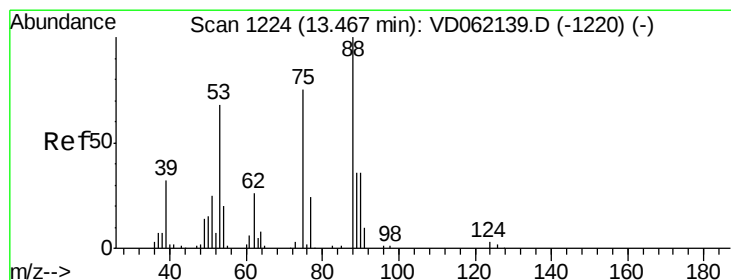
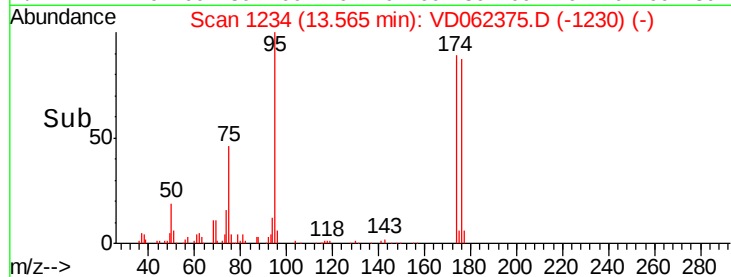
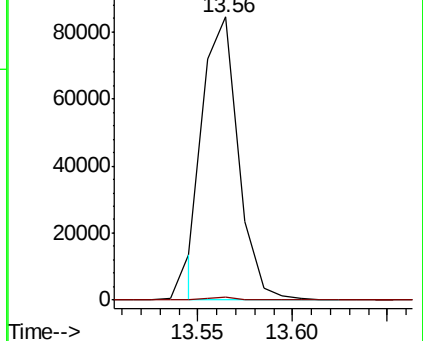
75 100

77 1.0 16.4 49.4#



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: 145.939 ug/l

RT: 13.56 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD062375.D

Acq: 15 May 2019 5:51

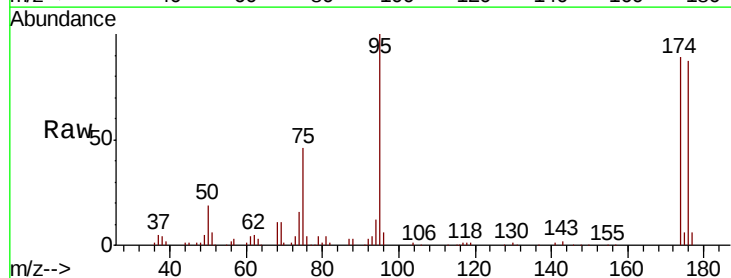
Tgt Ion: 75 Resp: 117409

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

