

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050119\
 Data File : VD062105.D
 Acq On : 1 May 2019 16:19
 Operator : FY/SY
 Sample : K2654-01RE
 Misc : 5.04g/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-STONESRE

Quant Time: May 02 00:58:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 08:37:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	23554	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	37501	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	34633	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	16655	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	14898	80.81	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	161.62%	
35) Dibromofluoromethane	6.89	113	14221	54.83	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	109.66%	
50) Toluene-d8	10.39	98	28509	46.20	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	92.40%	
62) 4-Bromofluorobenzene	13.54	95	13083	52.85	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	105.70%	

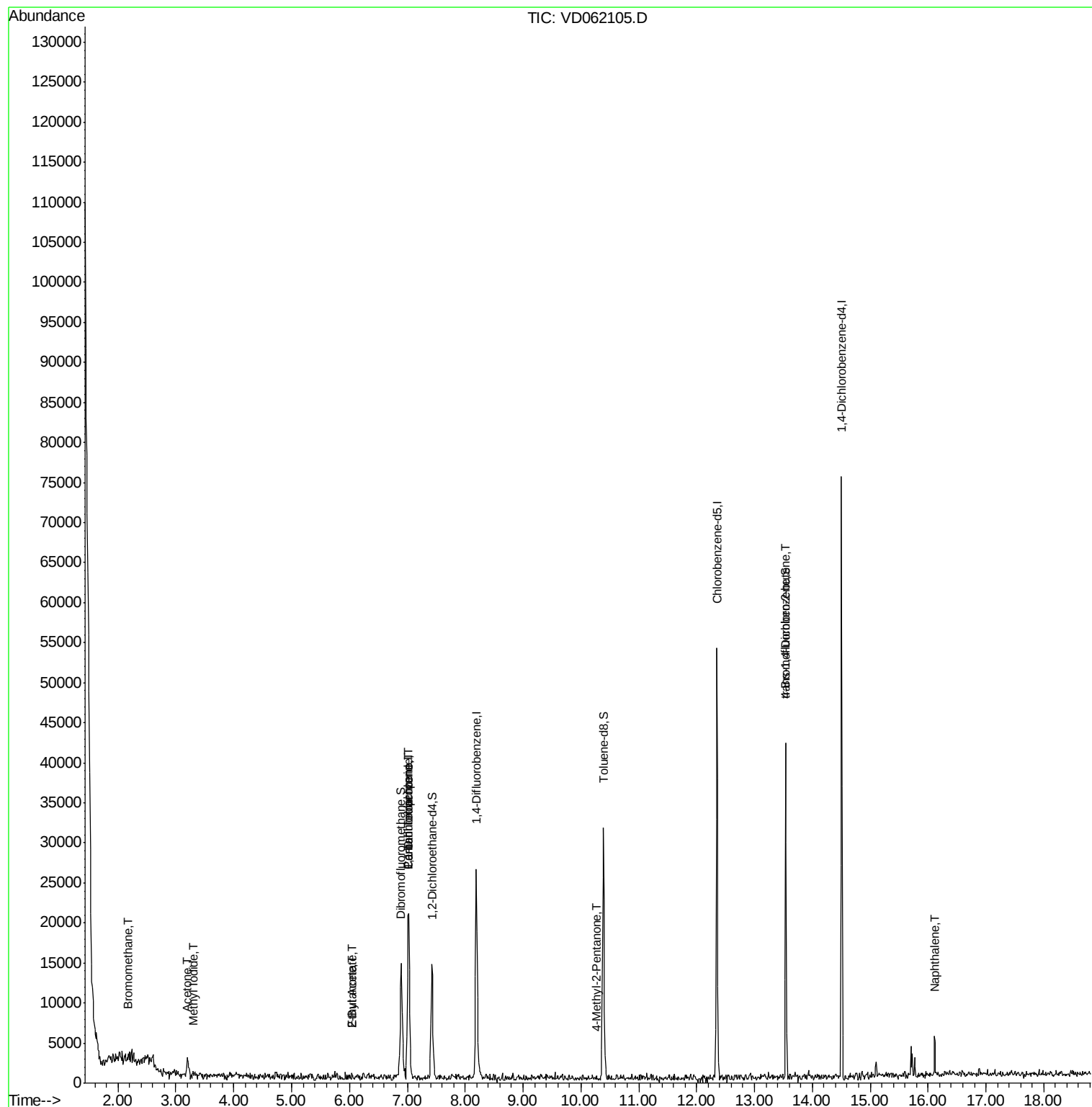
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	964	19.893	ug/l #	12
10) Methyl Iodide	3.30	142	214	5.983	ug/l #	37
16) Acetone	3.19	43	4230	96.100	ug/l #	50
25) 2-Butanone	6.04	43	209	3.916	ug/l #	56
36) 1,1-Dichloropropene	7.01	75	858	2.937	ug/l #	40
37) Ethyl Acetate	6.04	43	209	1.679	ug/l #	64
38) Carbon Tetrachloride	7.02	117	1679	4.535	ug/l #	12
51) 4-Methyl-2-Pentanone	10.27	43	192	1.726	ug/l #	37
81) trans-1,4-Dichloro-2-buten	13.54	75	5214	81.353	ug/l #	16
95) Naphthalene	16.11	128	3955	9.861	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050119\
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Sample : K2654-01RE
Misc : 5.04g/5mL/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OILY-STONESRE

Quant Time: May 02 00:58:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 08:37:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD062105.D

Acq: 1 May 2019 16:19

Instrument :

MSVOA_D

ClientSampleId :

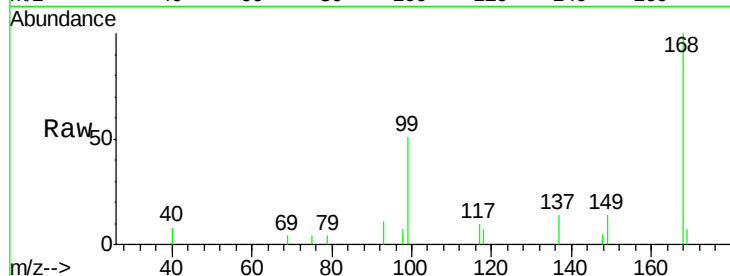
OILY-STONESRE

Tot Ion:168 Resp: 23554

Ion Ratio Lower Upper

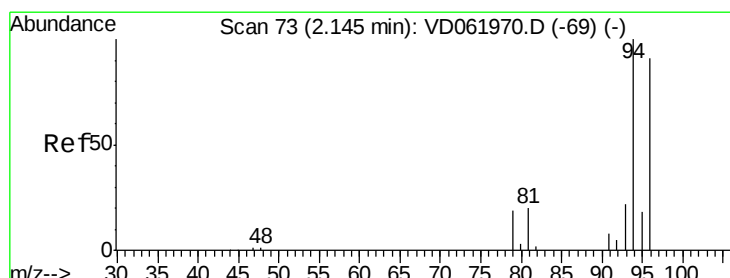
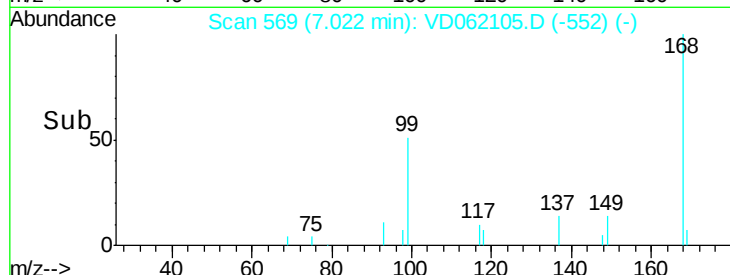
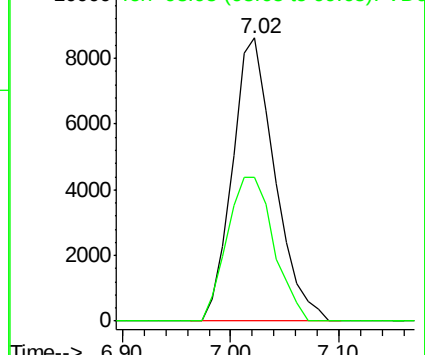
168 100

99 50.6 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: 19.893 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.02 min

Lab File: VD062105.D

Acq: 1 May 2019 16:19

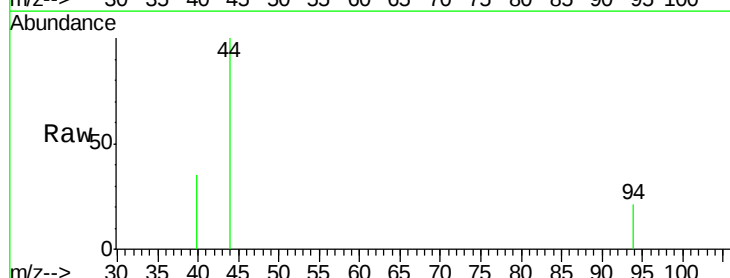
Tgt Ion: 94 Resp: 964

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

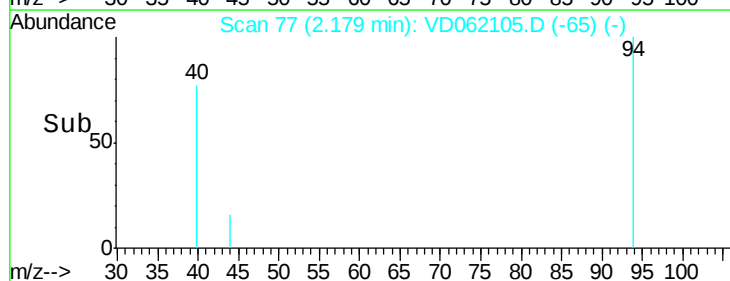
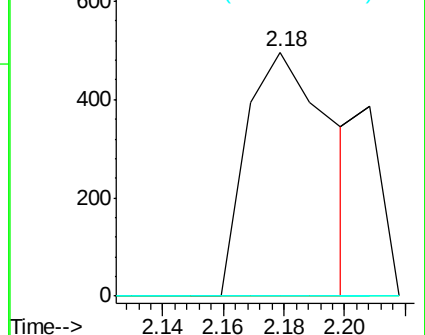
93 0.0 18.5 27.7#

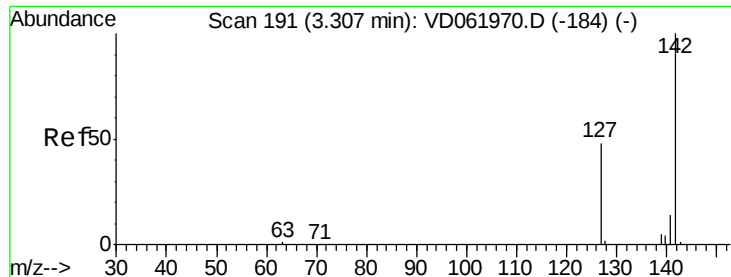


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

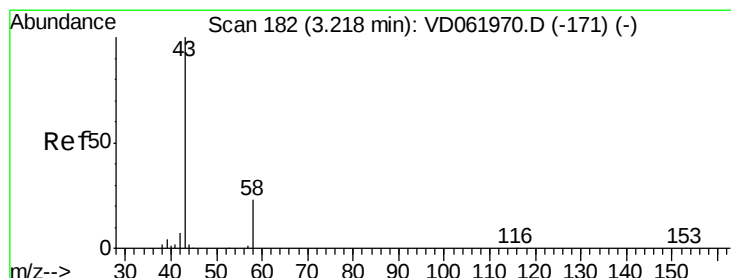
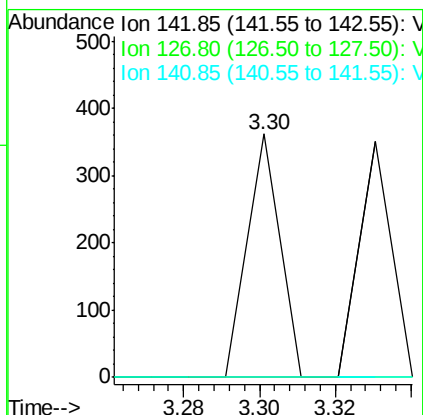
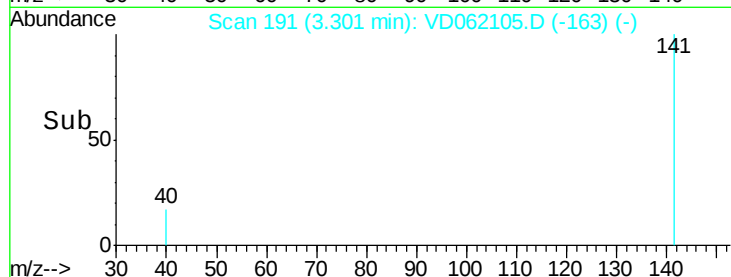
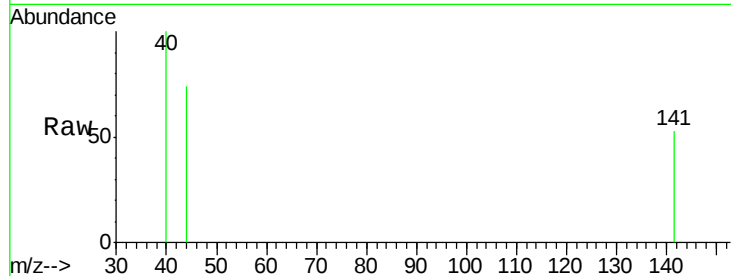




#10
Methvl Iodide
Concen: 5.983 ug/l
RT: 3.30 min Scan# 191
Delta R.T. -0.02 min
Lab File: VD062105.D
Acq: 1 May 2019 16:19

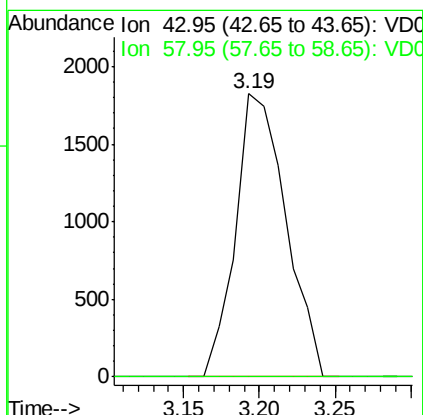
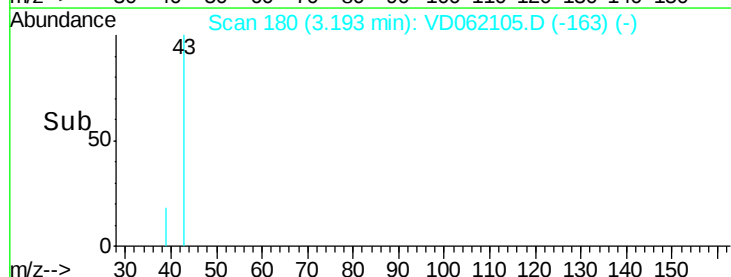
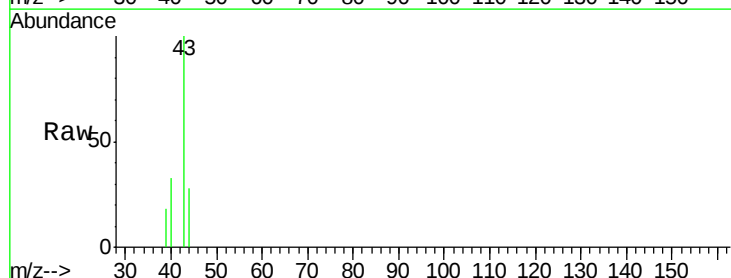
Instrument :
MSVOA_D
ClientSampleId :
OILY-STONESRE

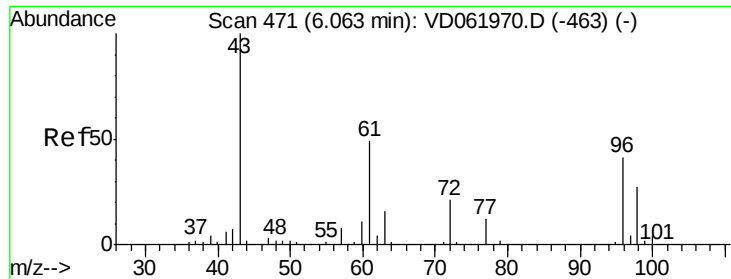
Tot Ion:142 Resp: 214
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 96.100 ug/l
RT: 3.19 min Scan# 180
Delta R.T. -0.03 min
Lab File: VD062105.D
Acq: 1 May 2019 16:19

Tgt Ion: 43 Resp: 4230
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#

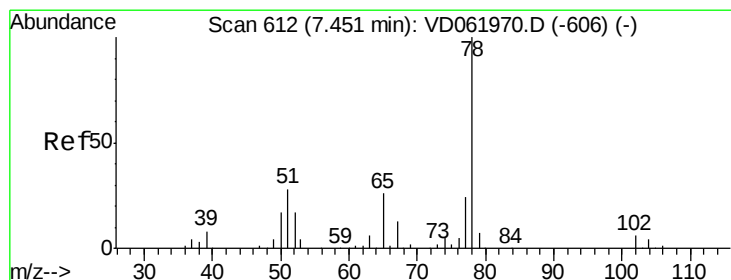
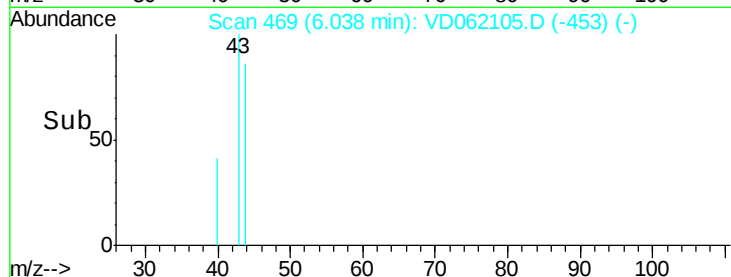
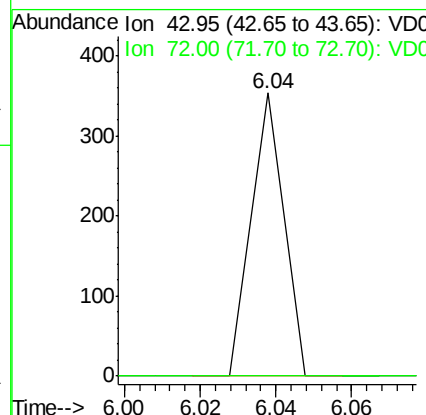
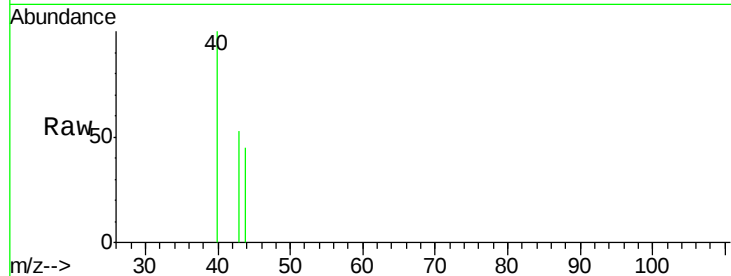




#25
 2-Butanone
 Concen: 3.916 ug/l
 RT: 6.04 min Scan# 469
 Delta R.T. -0.04 min
 Lab File: VD062105.D
 Acq: 1 May 2019 16:19

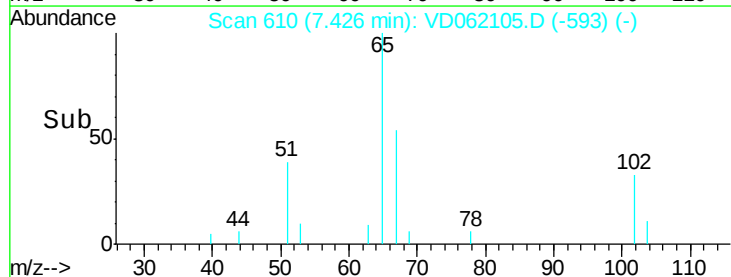
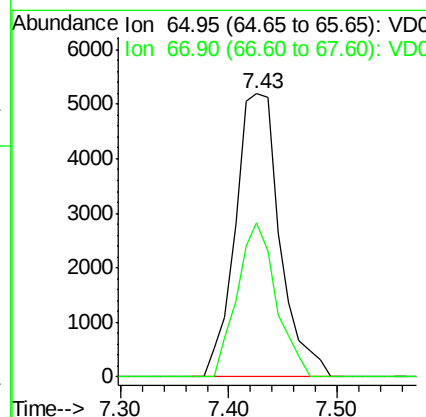
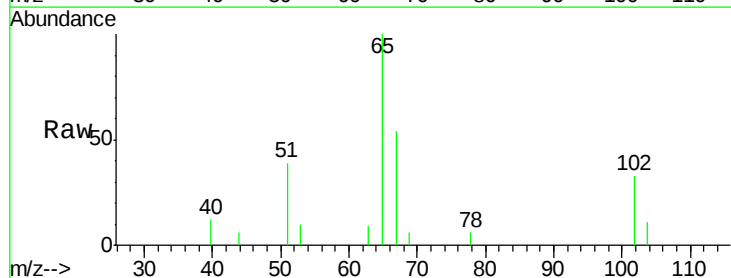
Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-STONESRE

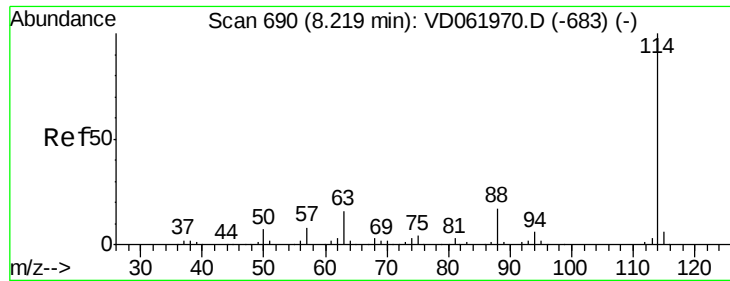
Tot Ion: 43 Resp: 209
 Ion Ratio Lower Upper
 43 100
 72 0.0 16.2 24.4#



#33
 1,2-Dichloroethane-d4
 Concen: 80.815 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: VD062105.D
 Acq: 1 May 2019 16:19

Tgt Ion: 65 Resp: 14898
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 688

Delta R.T. -0.03 min

Lab File: VD062105.D

Acq: 1 May 2019 16:19

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONESRE

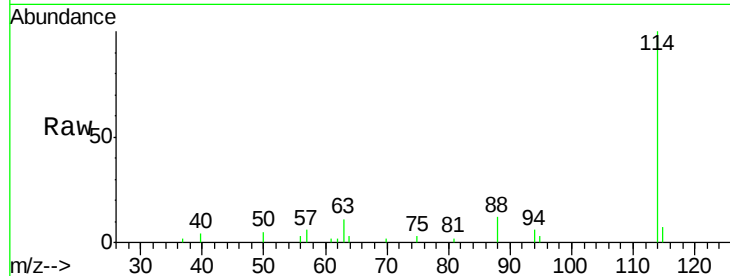
Tot Ion:114 Resp: 37501

Ion Ratio Lower Upper

114 100

63 11.2 0.0 32.4

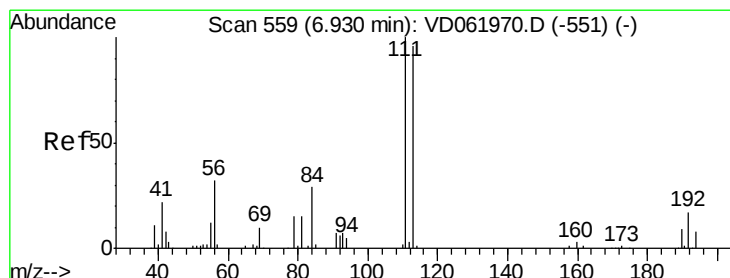
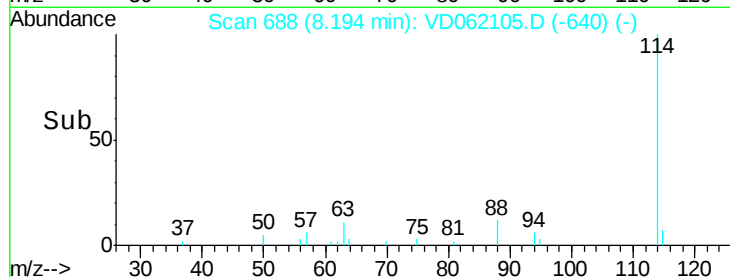
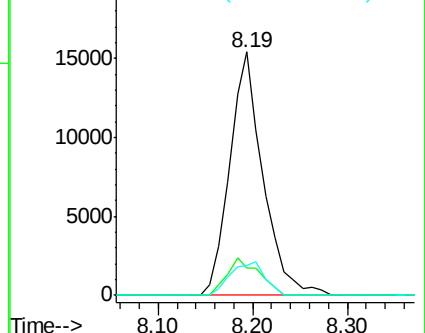
88 12.5 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 54.832 ug/l

RT: 6.89 min Scan# 556

Delta R.T. -0.04 min

Lab File: VD062105.D

Acq: 1 May 2019 16:19

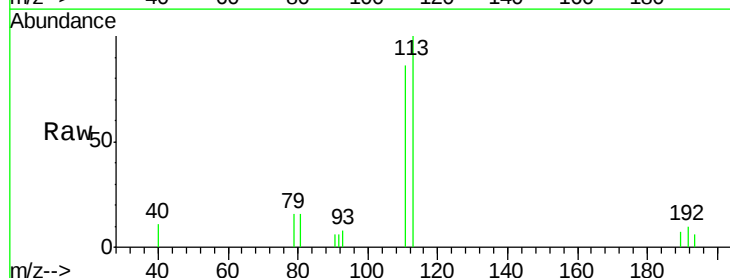
Tgt Ion:113 Resp: 14221

Ion Ratio Lower Upper

113 100

111 86.2 78.5 117.7

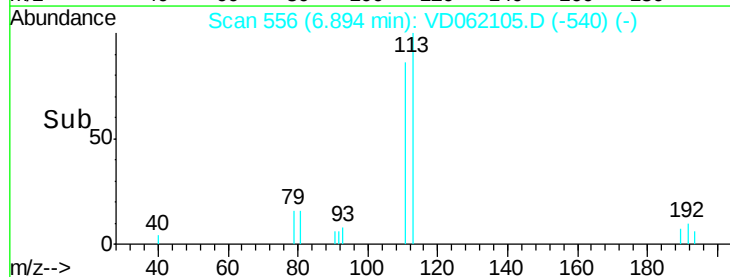
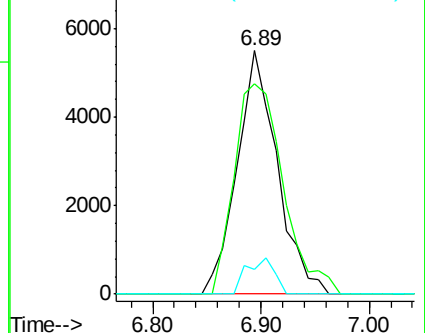
192 10.1 13.0 19.4#

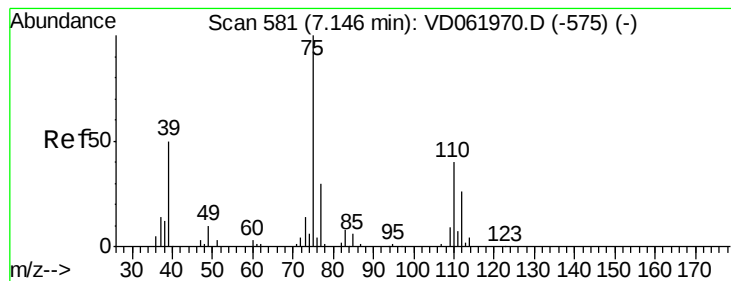


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 2.937 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.14 min

Lab File: VD062105.D

Acq: 1 May 2019 16:19

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONESRE

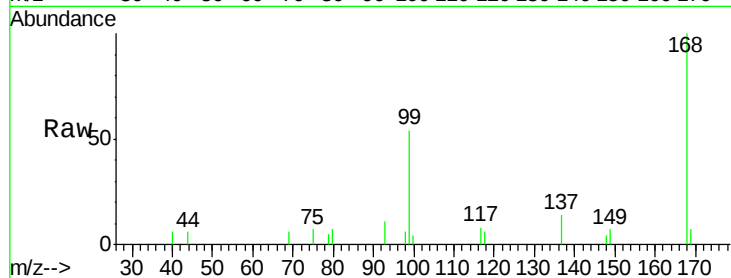
Tot Ion: 75 Resp: 858

Ion Ratio Lower Upper

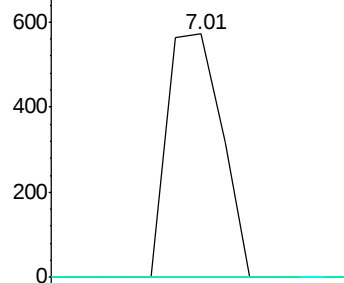
75 100

110 0.0 19.1 57.1#

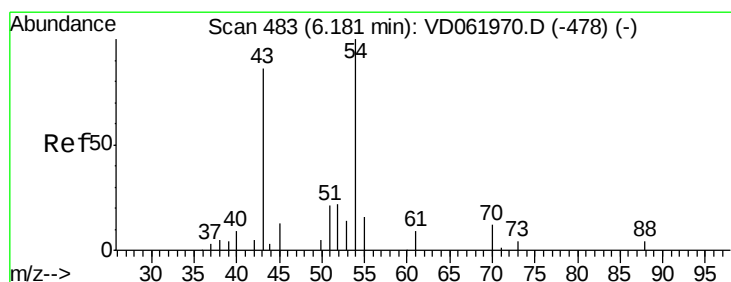
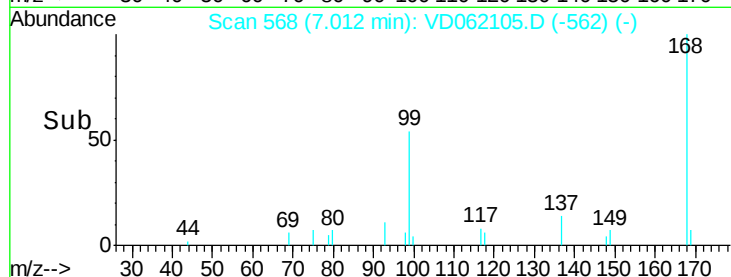
77 0.0 25.6 38.4#



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



Time-->



#37

Ethyl Acetate

Concen: 1.679 ug/l

RT: 6.04 min Scan# 469

Delta R.T. -0.15 min

Lab File: VD062105.D

Acq: 1 May 2019 16:19

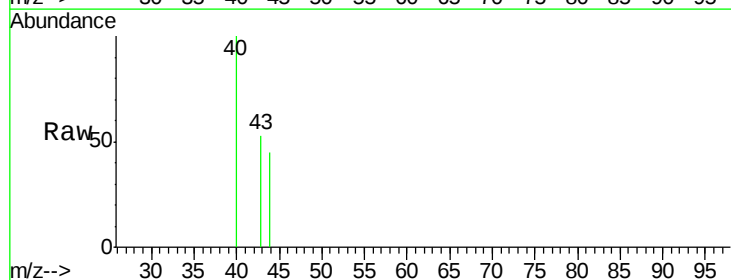
Tgt Ion: 43 Resp: 209

Ion Ratio Lower Upper

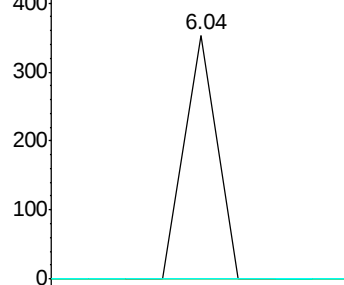
43 100

61 0.0 14.7 22.1#

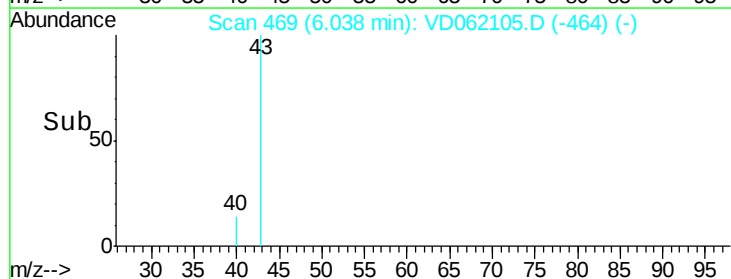
70 0.0 7.8 11.6#

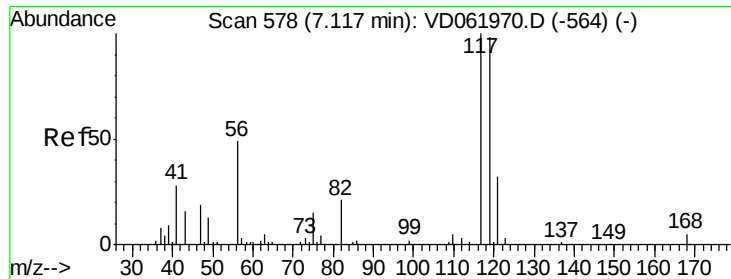


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC



Time-->

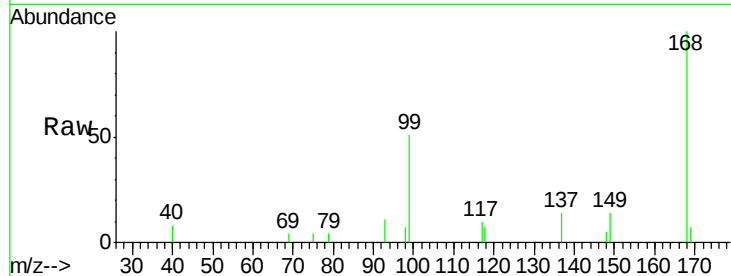




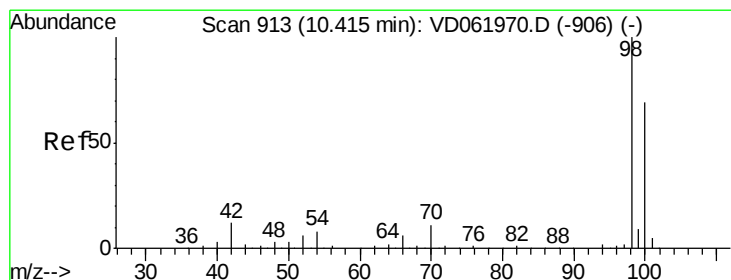
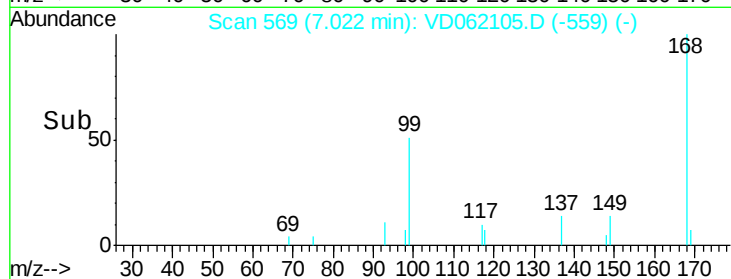
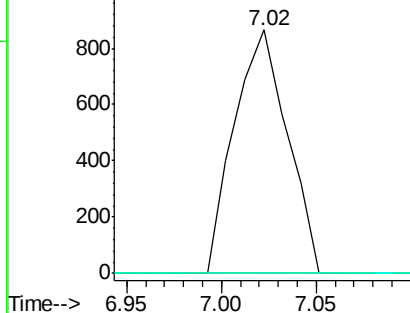
#38
Carbon Tetrachloride
Concen: 4.535 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.10 min
Lab File: VD062105.D
Acq: 1 May 2019 16:19

Instrument :
MSVOA_D
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OILY-STONESRE

Tot Ion:117 Resp: 1679
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.9 38.9#

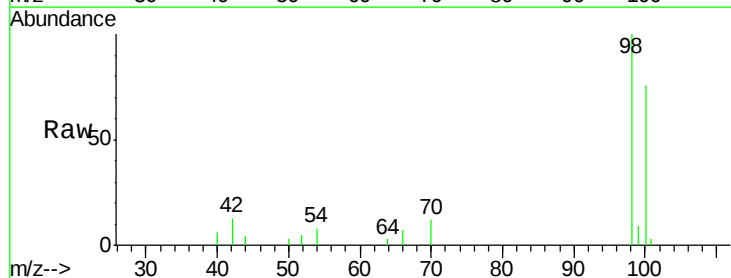


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

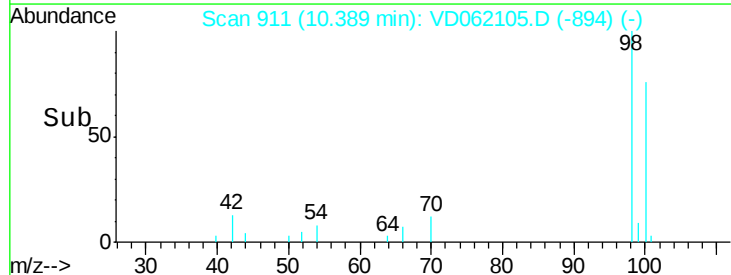
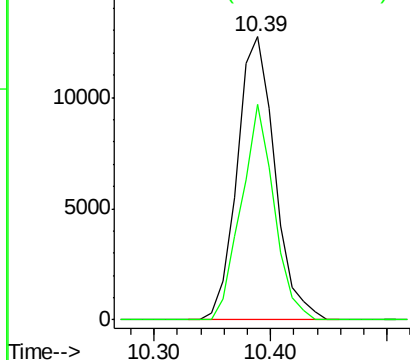


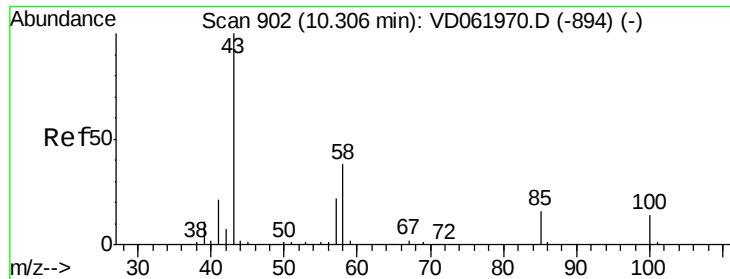
#50
Toluene-d8
Concen: 46.196 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.03 min
Lab File: VD062105.D
Acq: 1 May 2019 16:19

Tgt Ion: 98 Resp: 28509
Ion Ratio Lower Upper
98 100
100 76.3 53.8 80.8



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





#51

4-Methyl-2-Pentanone

Concen: 1.726 ug/l

RT: 10.27 min Scan# 899

Delta R.T. -0.03 min

Lab File: VD062105.D

Acq: 1 May 2019 16:19

Instrument :

MSVOA_D

ClientSampleId :

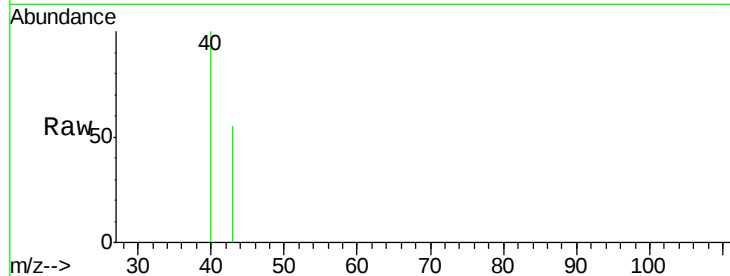
OILY-STONESRE

Tot Ion: 43 Resp: 192

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.27

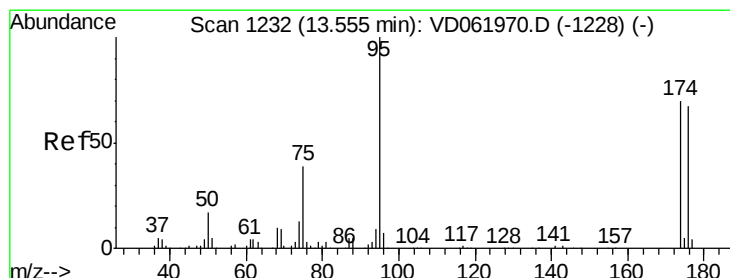
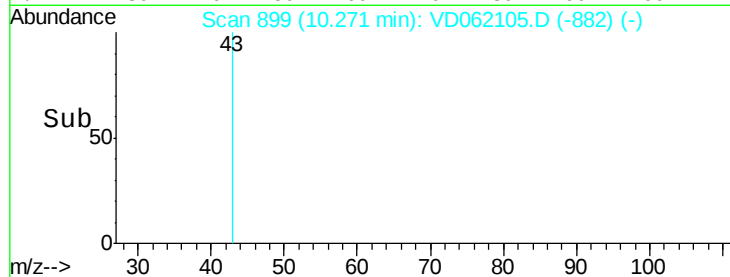
300

200

100

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.854 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.02 min

Lab File: VD062105.D

Acq: 1 May 2019 16:19

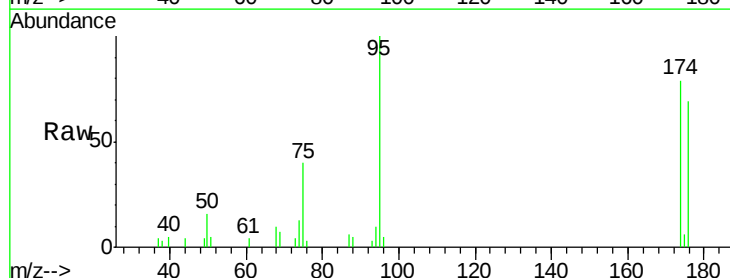
Tgt Ion: 95 Resp: 13083

Ion Ratio Lower Upper

95 100

174 79.4 0.0 181.8

176 69.2 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

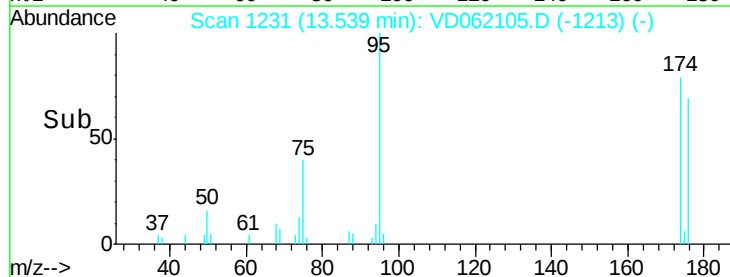
13.54

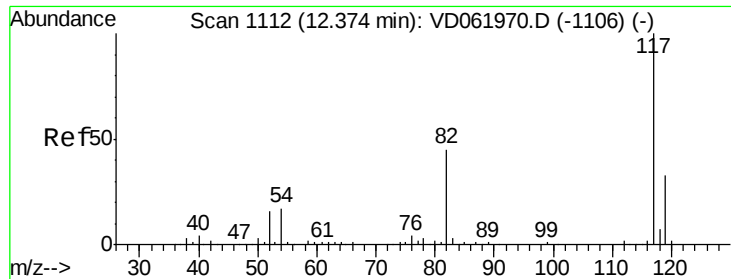
10000

5000

0

Time-->

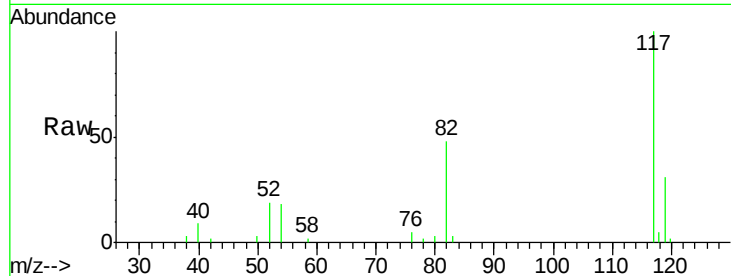




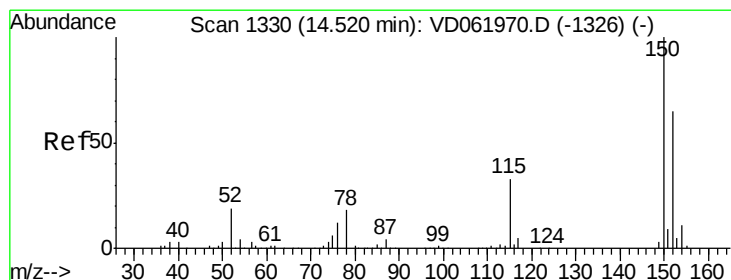
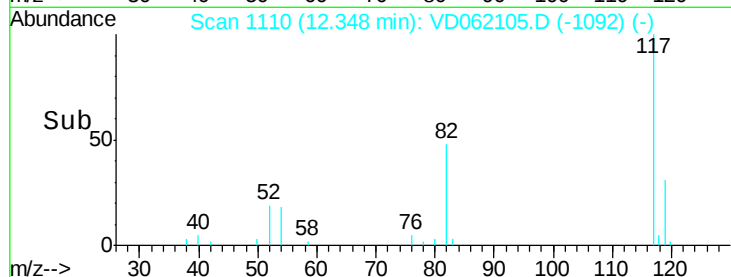
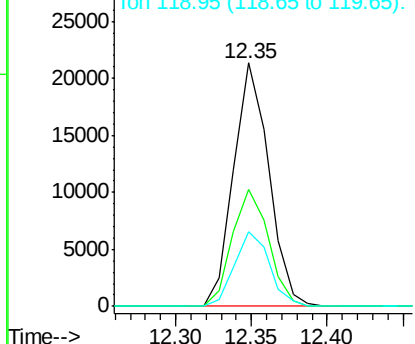
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062105.D
Acq: 1 May 2019 16:19

Instrument :
MSVOA_D
ClientSampleId :
OILY-STONESRE

Tot Ion:117 Resp: 34633
Ion Ratio Lower Upper
117 100
82 48.2 36.2 54.2
119 30.6 26.2 39.4

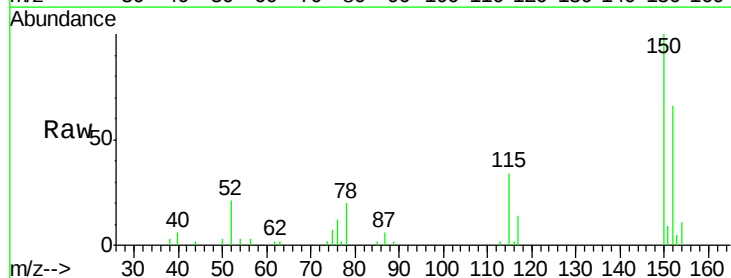


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

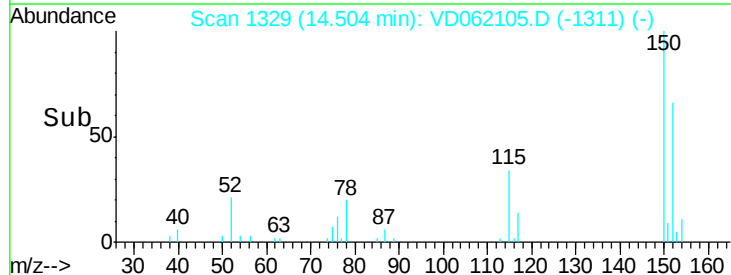
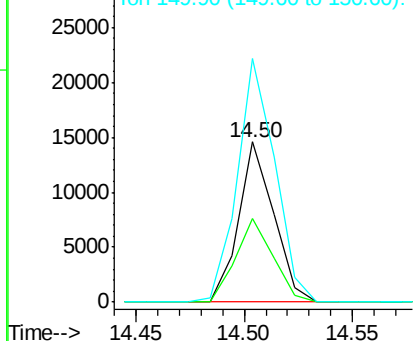


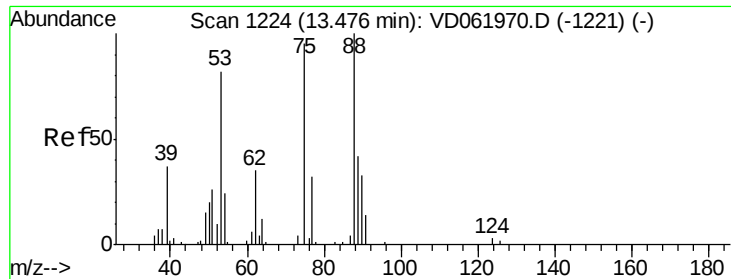
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD062105.D
Acq: 1 May 2019 16:19

Tgt Ion:152 Resp: 16655
Ion Ratio Lower Upper
152 100
115 52.0 30.9 92.7
150 151.9 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





#81

trans-1,4-Dichloro-2-butene

Concen: 81.353 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD062105.D

Acq: 1 May 2019 16:19

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONESRE

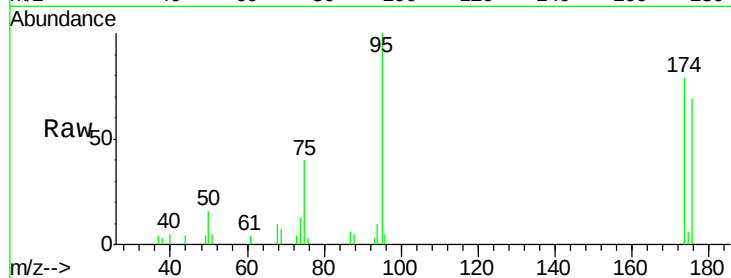
Tot Ion: 75 Resp: 5214

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

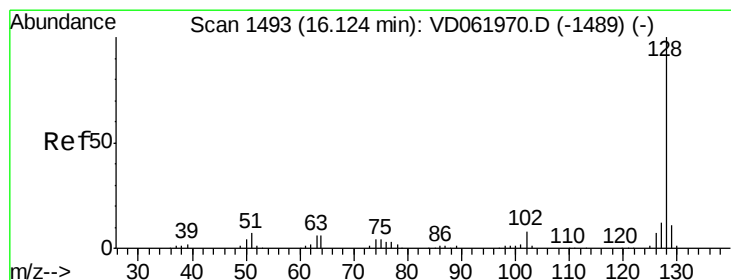
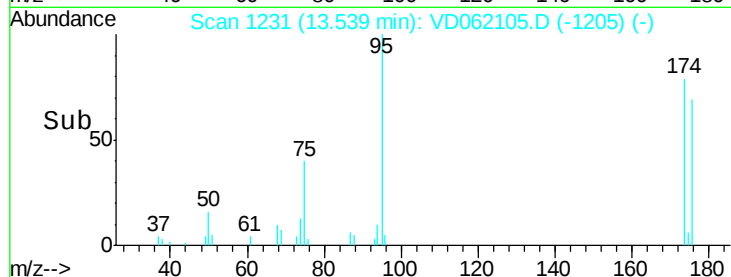
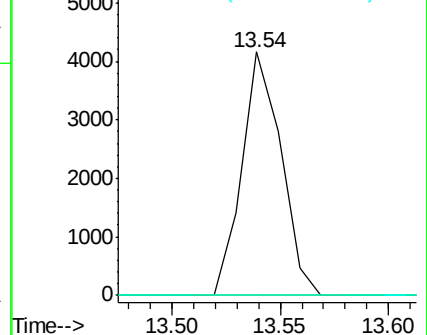
89 0.0 35.0 52.6#



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



#95

Naphthalene

Concen: 9.861 ug/l

RT: 16.11 min Scan# 1492

Delta R.T. -0.02 min

Lab File: VD062105.D

Acq: 1 May 2019 16:19

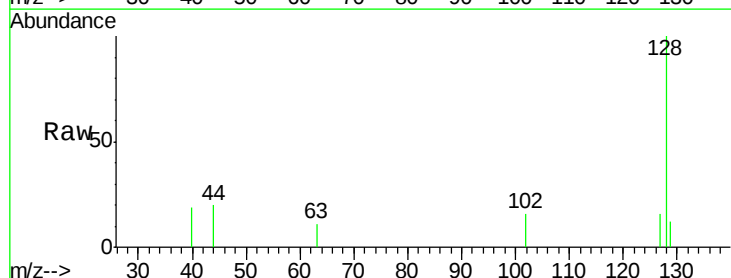
Tgt Ion: 128 Resp: 3955

Ion Ratio Lower Upper

128 100

127 14.8 9.8 14.8

129 10.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

