

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061419\
 Data File : VD062715.D
 Acq On : 14 Jun 2019 17:06
 Operator : VA/AP
 Sample : K3366-03RE
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETERE

Quant Time: Jun 15 04:38:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	907945	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1186430	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1017244	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	560921	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	338415	25.83	ug/l	0.01
Spiked Amount			Recovery	=	51.66%	
35) Dibromofluoromethane	6.92	113	8359	0.67	ug/l	0.00
Spiked Amount			Recovery	=	1.34%	
50) Toluene-d8	10.41	98	713720	27.12	ug/l	0.00
Spiked Amount			Recovery	=	54.24%	
62) 4-Bromofluorobenzene	13.55	95	337959	27.52	ug/l	0.00
Spiked Amount			Recovery	=	55.04%	

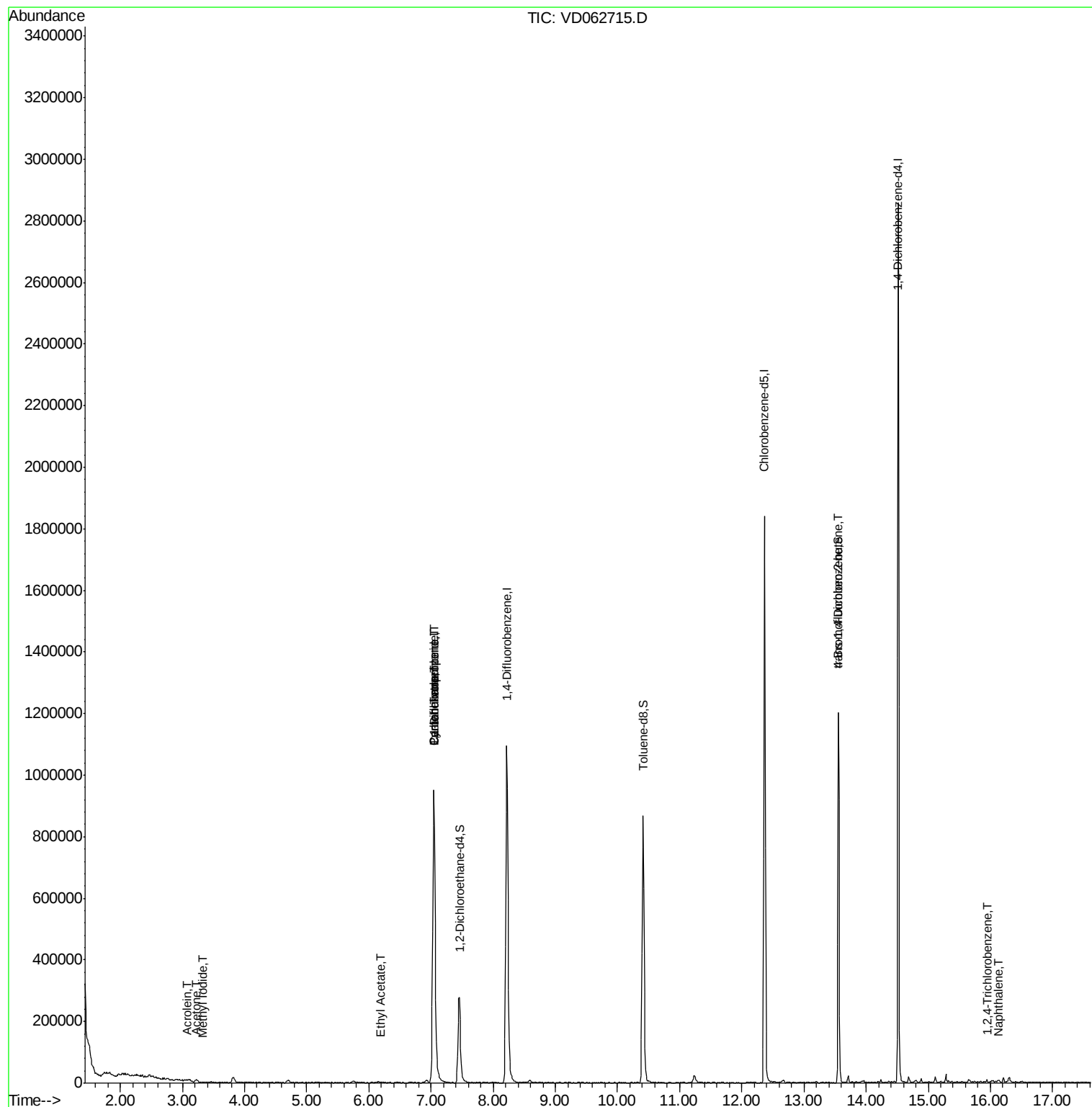
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	2059	Below Cal		94
10) Methyl Iodide	3.31	142	511	4.038	ug/l #	24
13) Acrolein	3.07	56	224	1.293	ug/l #	61
16) Acetone	3.23	43	19458	8.111	ug/l #	87
31) Cyclohexane	7.04	56	20721	2.004	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	76187	5.611	ug/l #	53
37) Ethyl Acetate	6.18	43	237	1.241	ug/l #	74
38) Carbon Tetrachloride	7.05	117	94333	4.395	ug/l #	19
81) trans-1,4-Dichloro-2-buten	13.55	75	160926	69.686	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.95	180	1301	3.652	ug/l	72
95) Naphthalene	16.12	128	3860	3.626	ug/l #	86

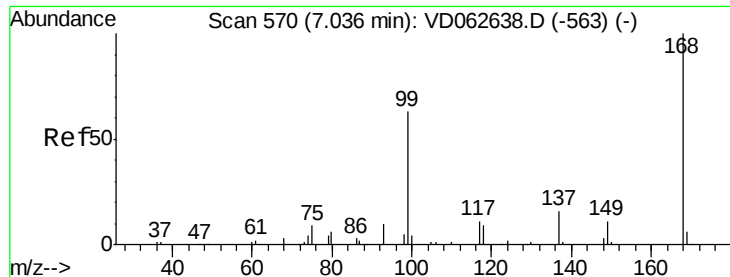
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061419\
Data File : VD062715.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CONCRETERE

Quant Time: Jun 15 04:38:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062715.D

Acq: 14 Jun 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

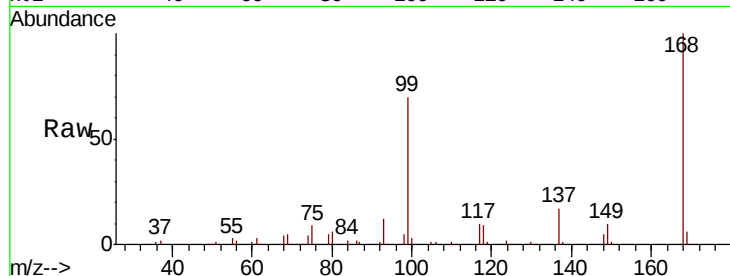
CONCRETERE

Tot Ion:168 Resp: 907945

Ion Ratio Lower Upper

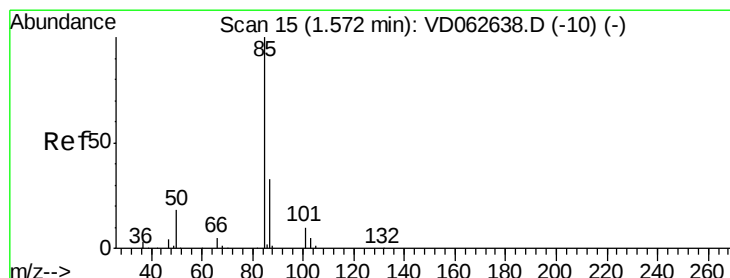
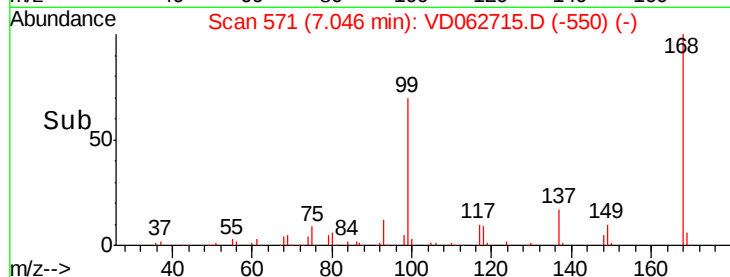
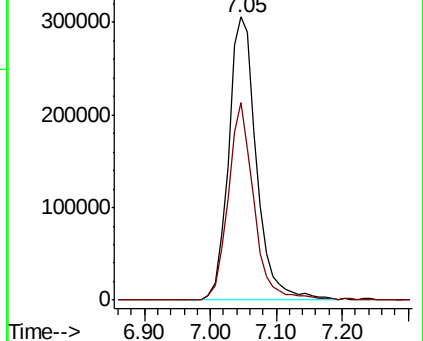
168 100

99 69.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.57 min Scan# 15

Delta R.T. 0.00 min

Lab File: VD062715.D

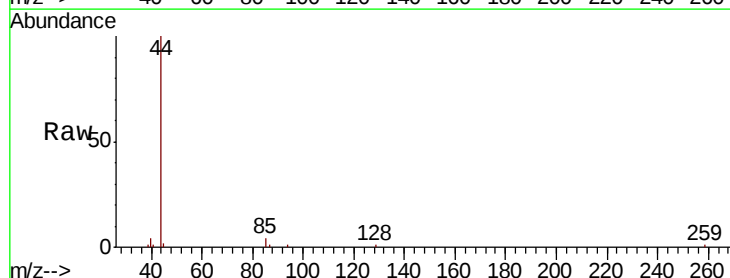
Acq: 14 Jun 2019 17:06

Tgt Ion: 85 Resp: 2059

Ion Ratio Lower Upper

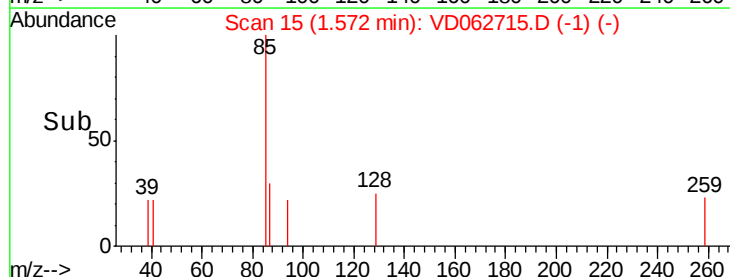
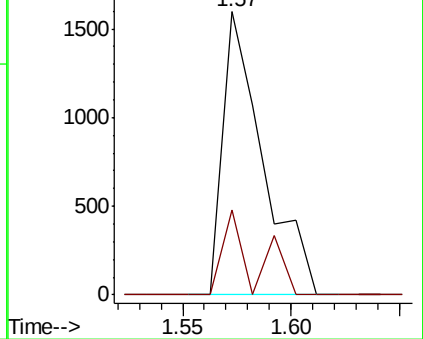
85 100

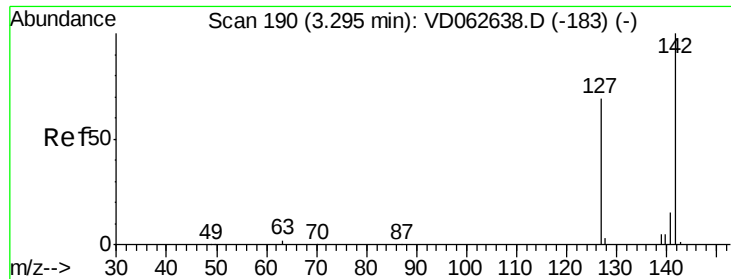
87 29.9 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

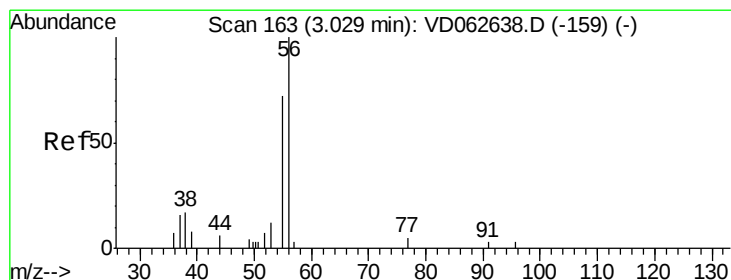
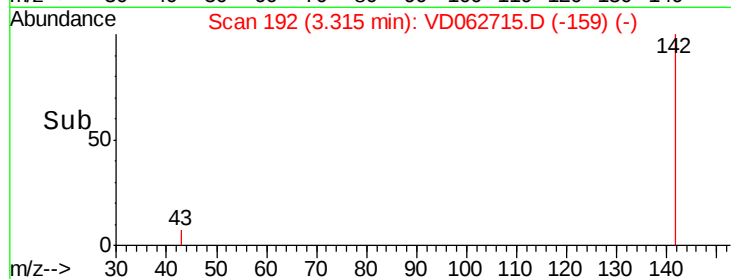
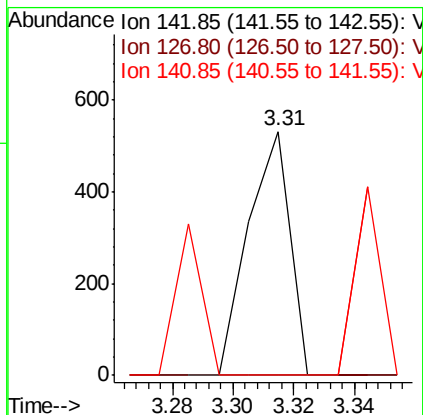
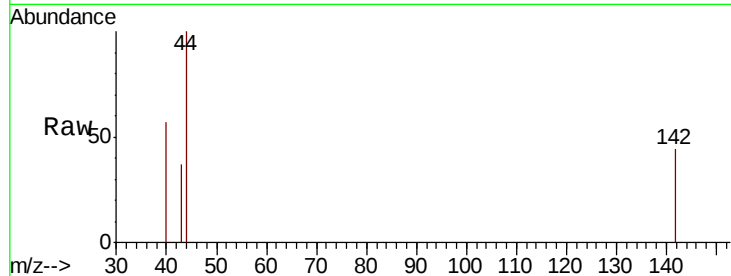




#10
Methvl Iodide
Concen: 4.038 ug/l
RT: 3.31 min Scan# 192
Delta R.T. 0.02 min
Lab File: VD062715.D
Acq: 14 Jun 2019 17:06

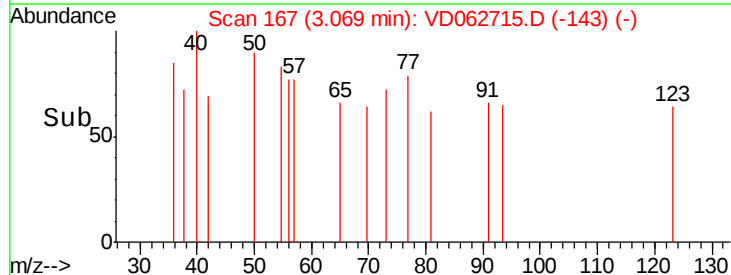
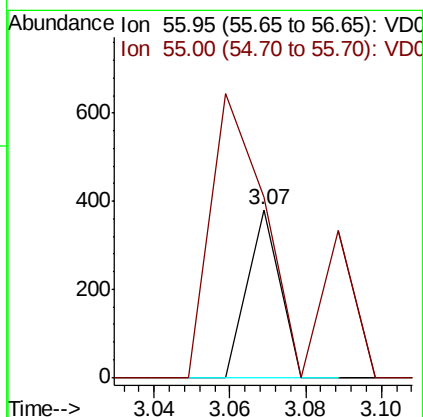
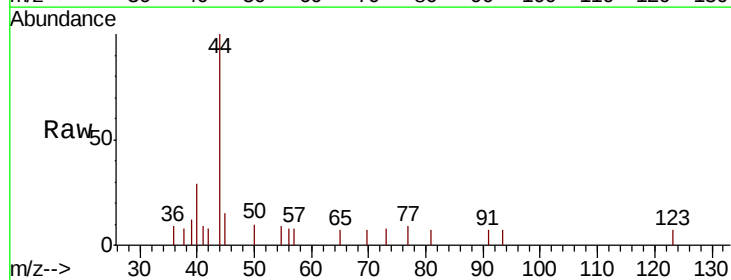
Instrument :
MSVOA_D
ClientSampleId :
CONCRETERE

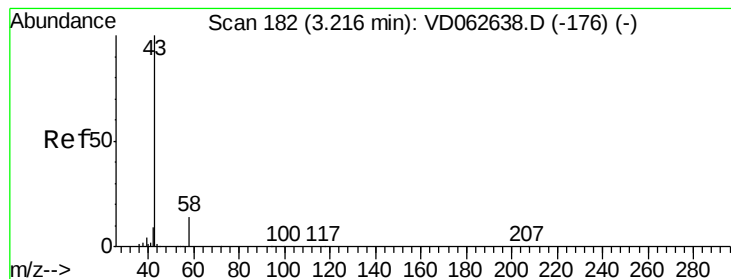
Tot Ion:142 Resp: 511
Ion Ratio Lower Upper
142 100
127 0.0 55.2 82.8#
141 0.0 12.1 18.1#



#13
Acrolein
Concen: 1.293 ug/l
RT: 3.07 min Scan# 167
Delta R.T. 0.04 min
Lab File: VD062715.D
Acq: 14 Jun 2019 17:06

Tgt Ion: 56 Resp: 224
Ion Ratio Lower Upper
56 100
55 107.6 59.4 89.0#





#16

Acetone

Concen: 8.111 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD062715.D

Acq: 14 Jun 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

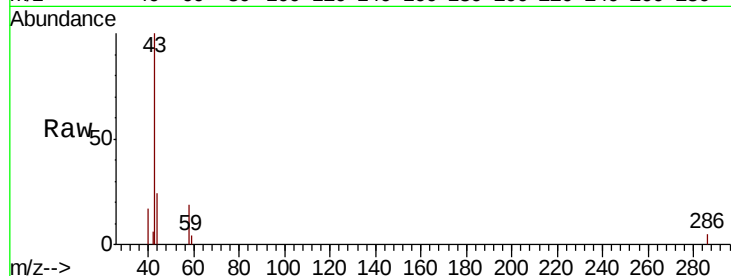
CONCRETE

Tot Ion: 43 Resp: 19458

Ion Ratio Lower Upper

43 100

58 18.8 10.8 16.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

6000

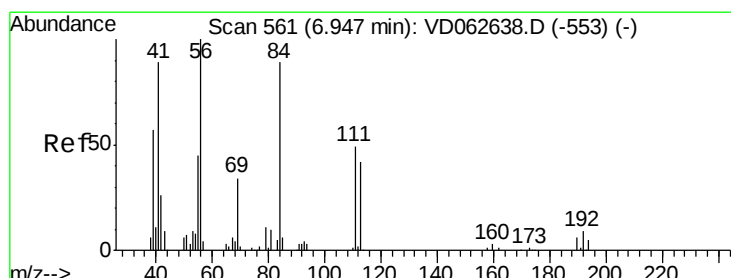
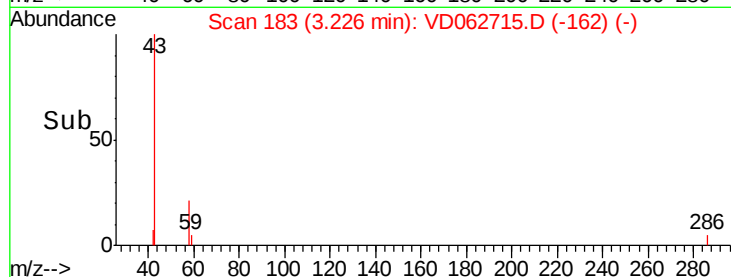
4000

2000

0

3.15 3.20 3.25 3.30 3.35

Time-->



#31

Cyclohexane

Concen: 2.004 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.09 min

Lab File: VD062715.D

Acq: 14 Jun 2019 17:06

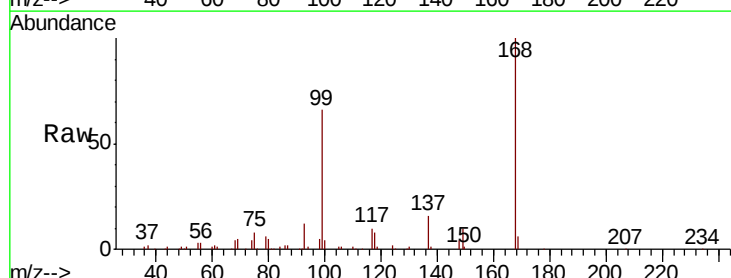
Tgt Ion: 56 Resp: 20721

Ion Ratio Lower Upper

56 100

69 176.1 26.8 40.2#

84 50.0 73.9 110.9#



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

20000

15000

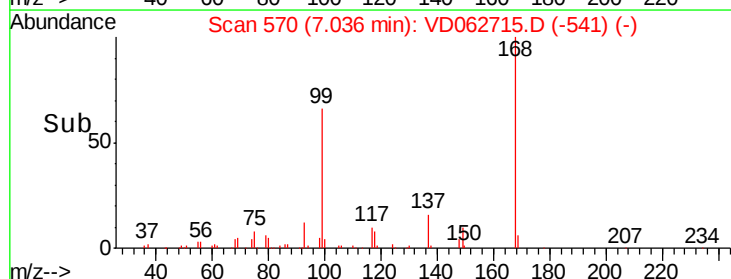
10000

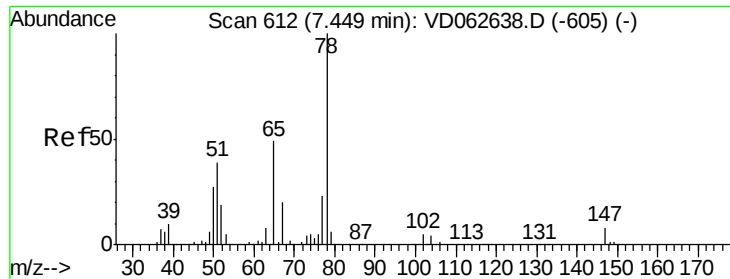
5000

0

6.95 7.00 7.05 7.10

Time-->

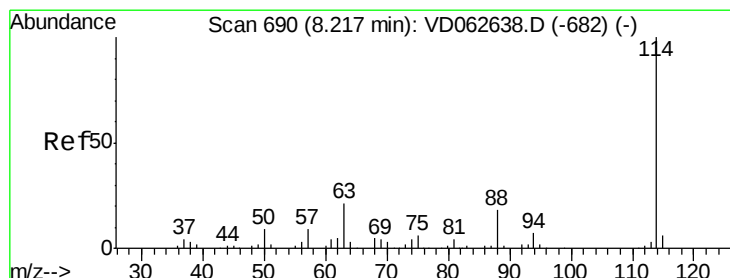
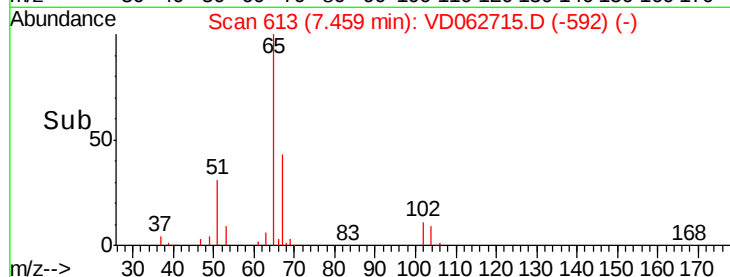
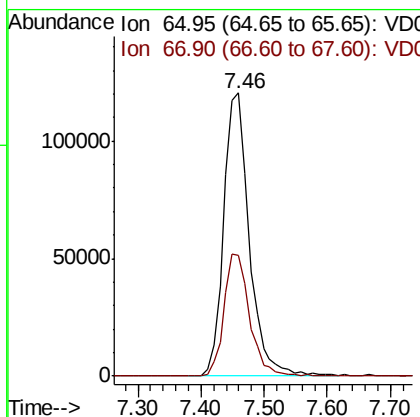
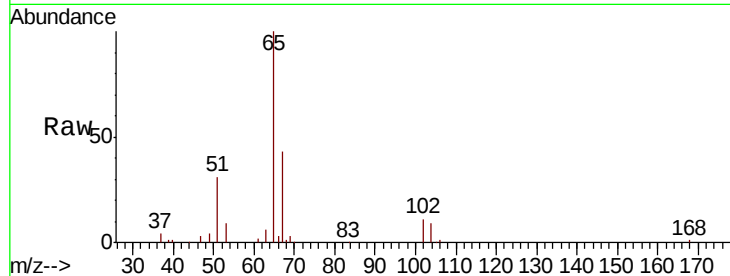




#33
 1,2-Dichloroethane-d4
 Concen: 25.830 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD062715.D
 Acq: 14 Jun 2019 17:06

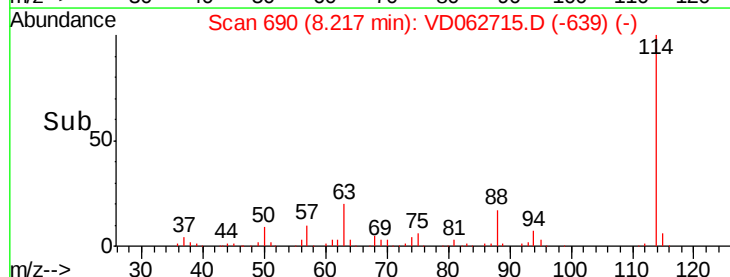
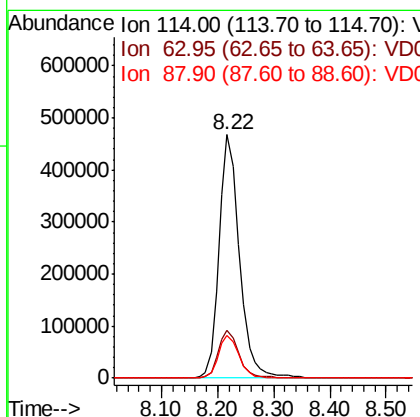
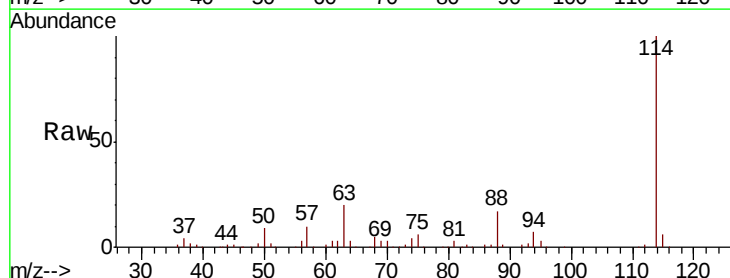
Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETERE

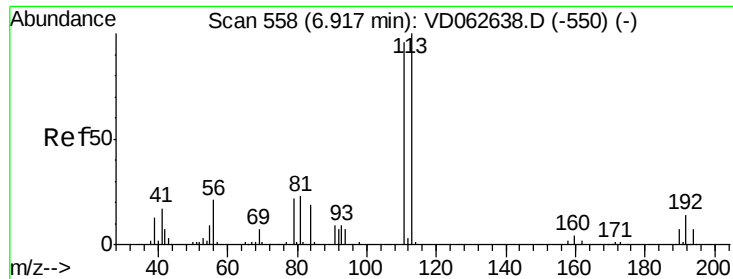
Tot Ion: 65 Resp: 338415
 Ion Ratio Lower Upper
 65 100
 67 42.7 0.0 81.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD062715.D
 Acq: 14 Jun 2019 17:06

Tgt Ion: 114 Resp: 1186430
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 17.4 0.0 36.8

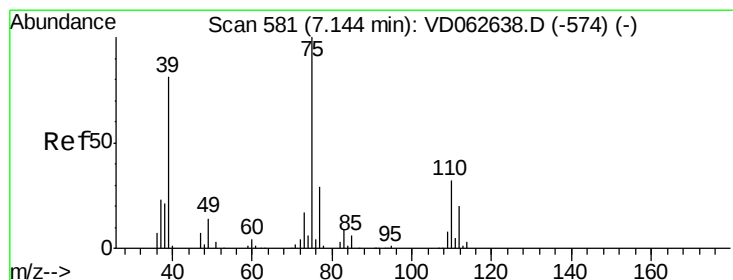
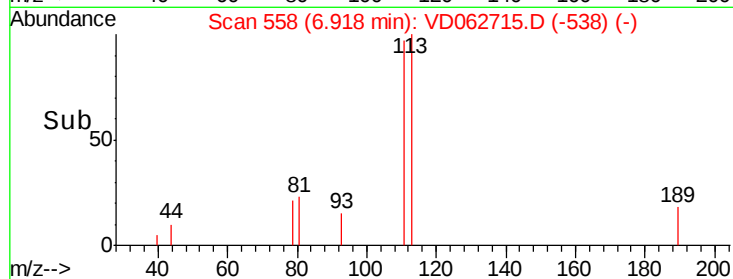
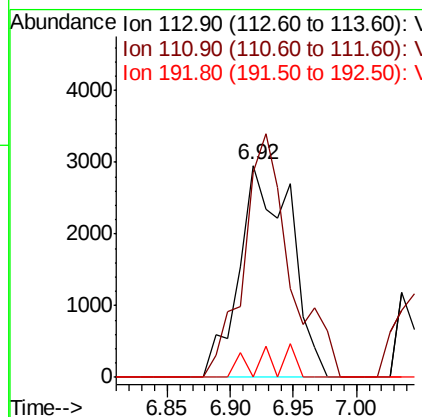
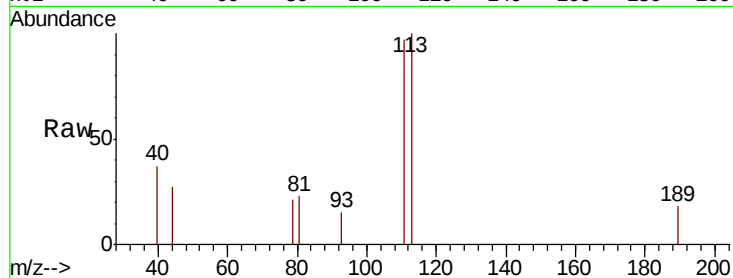




#35
 Dibromofluoromethane
 Concen: 0.668 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD062715.D
 Acq: 14 Jun 2019 17:06

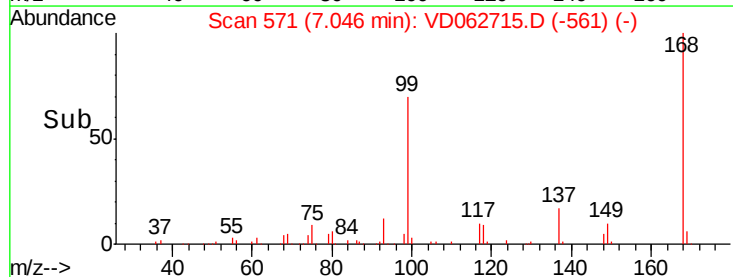
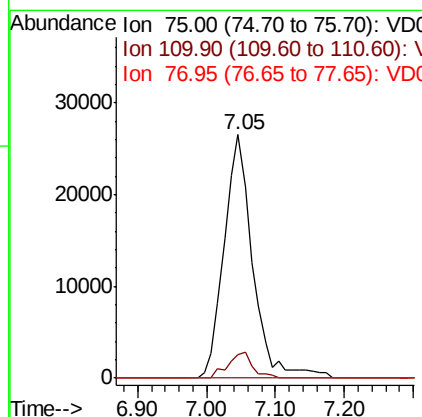
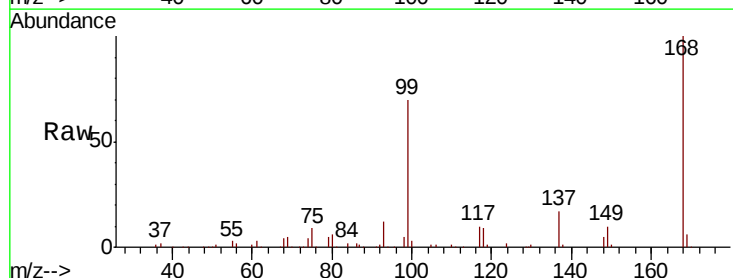
Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETERE

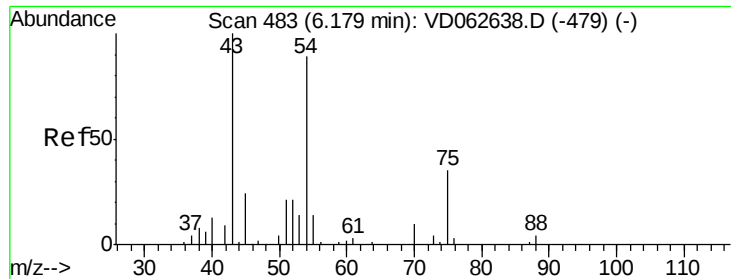
Tot Ion:113 Resp: 8359
 Ion Ratio Lower Upper
 113 100
 111 96.9 76.4 114.6
 192 0.0 11.4 17.0#



#36
 1,1-Dichloropropene
 Concen: 5.611 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.10 min
 Lab File: VD062715.D
 Acq: 14 Jun 2019 17:06

Tgt Ion: 75 Resp: 76187
 Ion Ratio Lower Upper
 75 100
 110 9.4 15.9 47.7#
 77 0.0 23.3 34.9#

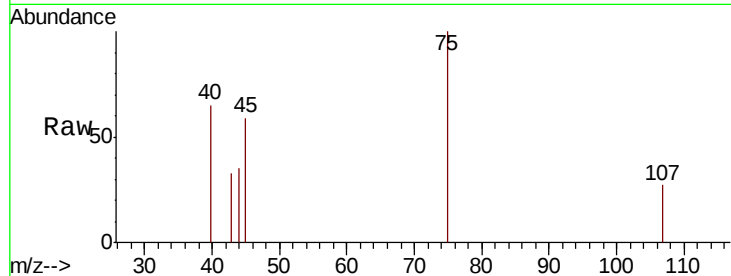




#37
Ethyl Acetate
Concen: 1.241 ug/l
RT: 6.18 min Scan# 483
Delta R.T. 0.00 min
Lab File: VD062715.D
Acq: 14 Jun 2019 17:06

Instrument :
MSVOA_D
ClientSampleID :
CONCRETE

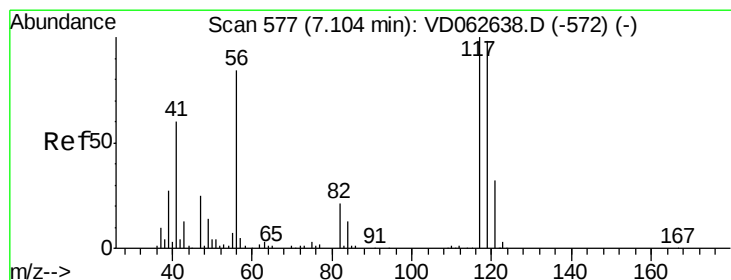
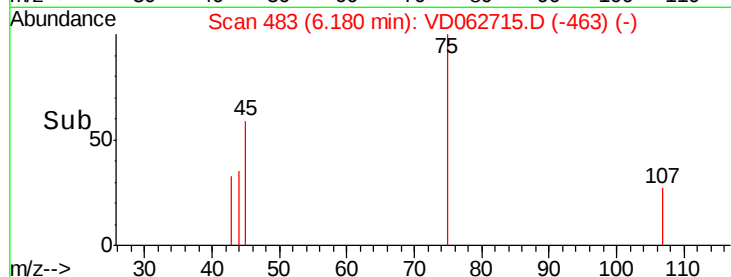
Tot Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
61 0.0 8.7 13.1#
70 0.0 6.5 9.7#



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

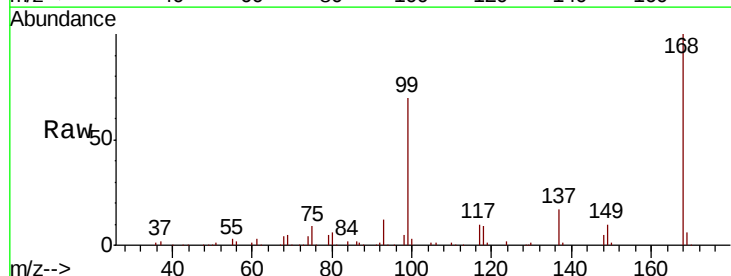
6.18

Time--> 6.16 6.18 6.20



#38
Carbon Tetrachloride
Concen: 4.395 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.06 min
Lab File: VD062715.D
Acq: 14 Jun 2019 17:06

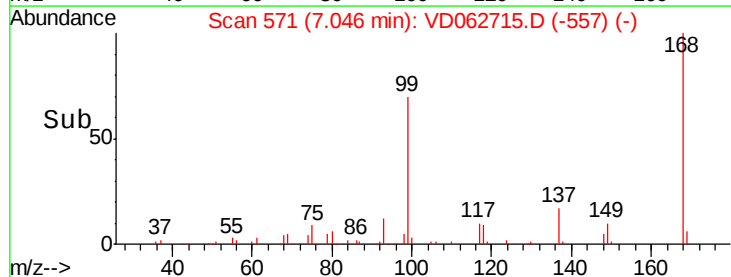
Tgt Ion: 117 Resp: 94333
Ion Ratio Lower Upper
117 100
119 6.7 73.5 110.3#
121 0.0 24.2 36.4#

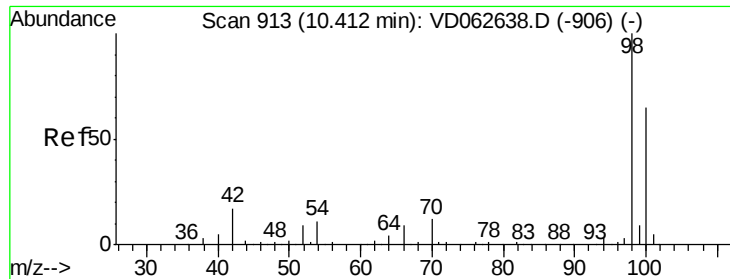


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

7.05

Time--> 6.90 7.00 7.10 7.20





#50

Toluene-d8

Concen: 27.115 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062715.D

Acq: 14 Jun 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

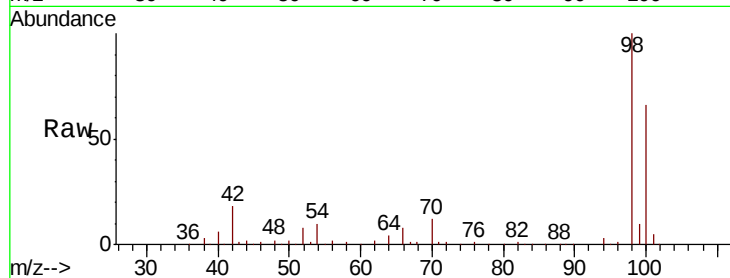
CONCRETE

Tot Ion: 98 Resp: 713720

Ion Ratio Lower Upper

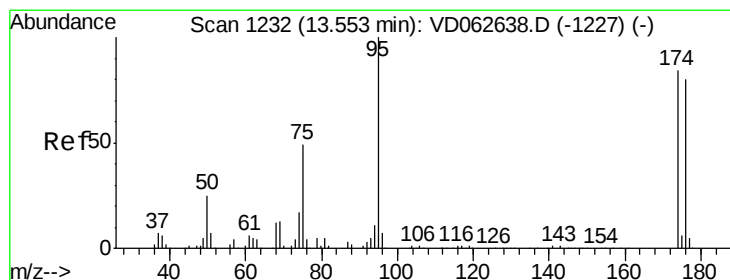
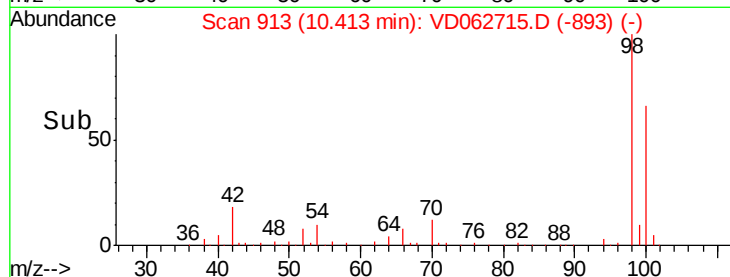
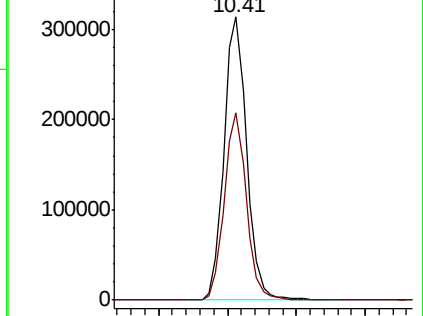
98 100

100 66.2 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 27.521 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062715.D

Acq: 14 Jun 2019 17:06

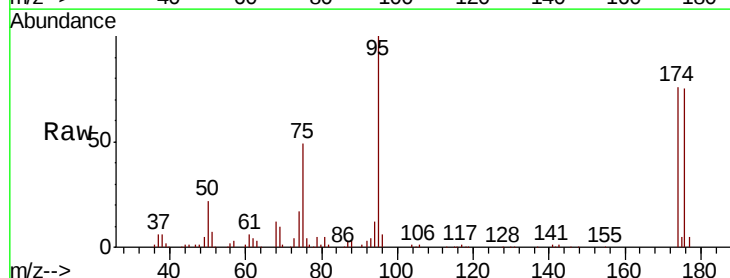
Tgt Ion: 95 Resp: 337959

Ion Ratio Lower Upper

95 100

174 76.3 0.0 167.0

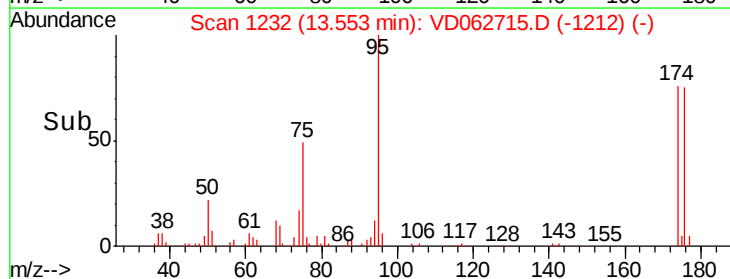
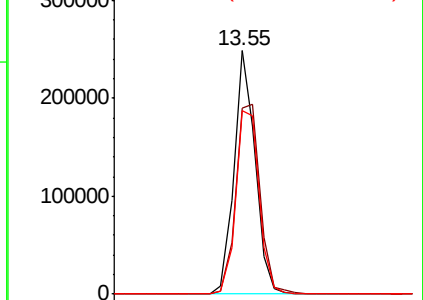
176 75.3 0.0 159.2

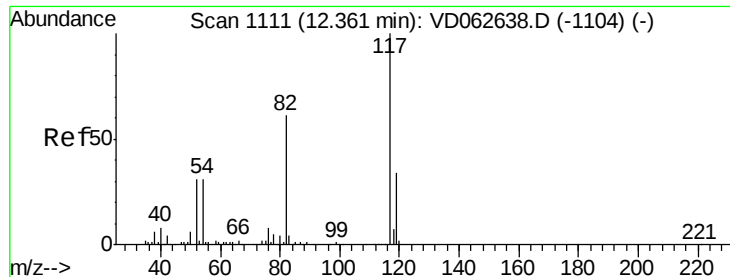


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

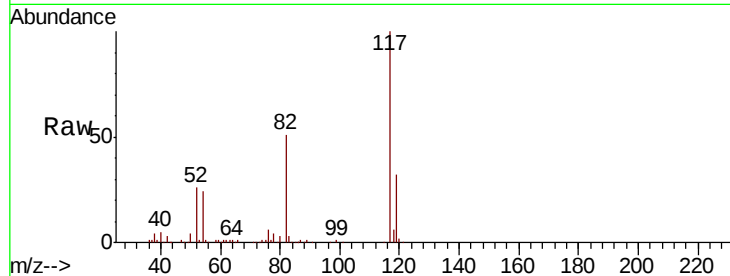




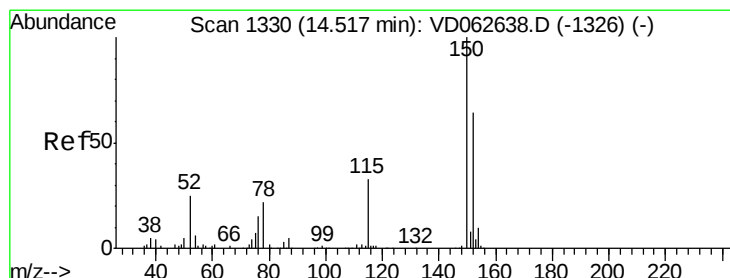
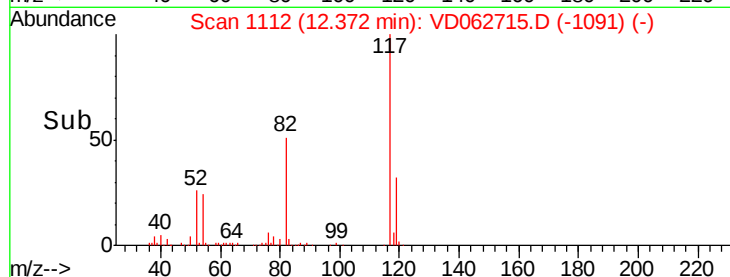
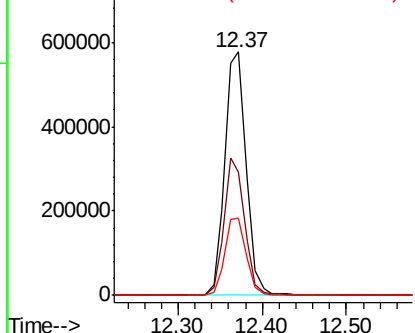
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062715.D
Acq: 14 Jun 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :
CONCRETE

Tot Ion:117 Resp: 1017244
Ion Ratio Lower Upper
117 100
82 50.8 48.7 73.1
119 31.8 27.0 40.6

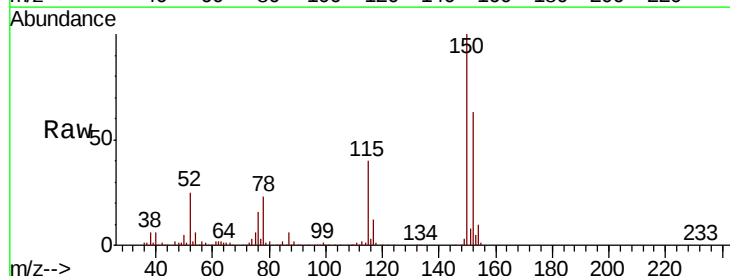


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

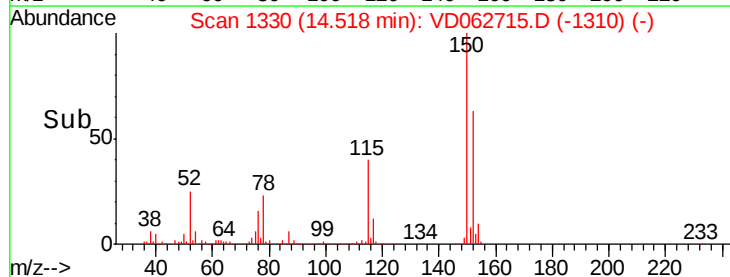
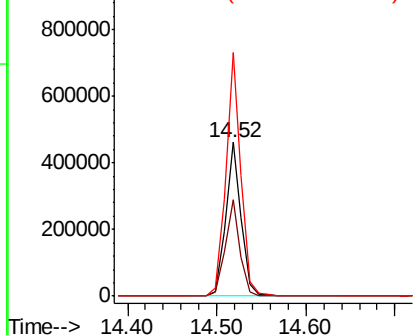


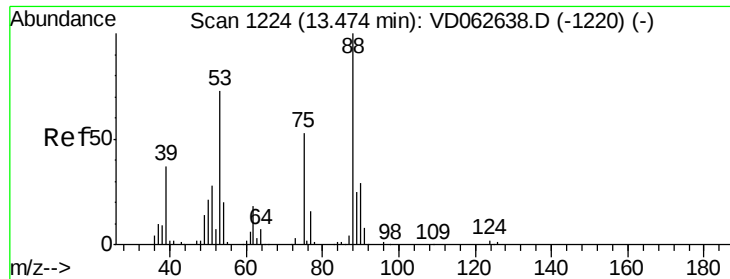
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062715.D
Acq: 14 Jun 2019 17:06

Tgt Ion:152 Resp: 560921
Ion Ratio Lower Upper
152 100
115 63.0 30.1 90.5
150 158.2 0.0 314.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 69.686 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062715.D

Acq: 14 Jun 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

CONCRETE

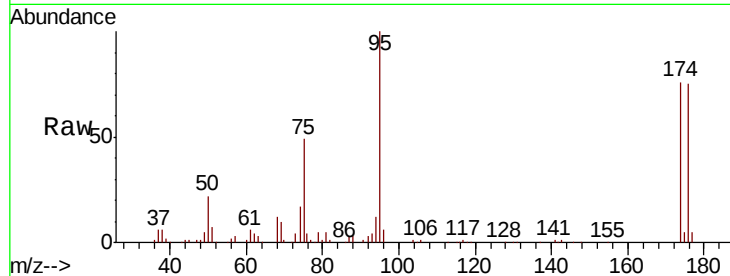
Tot Ion: 75 Resp: 160926

Ion Ratio Lower Upper

75 100

53 0.0 109.4 164.2#

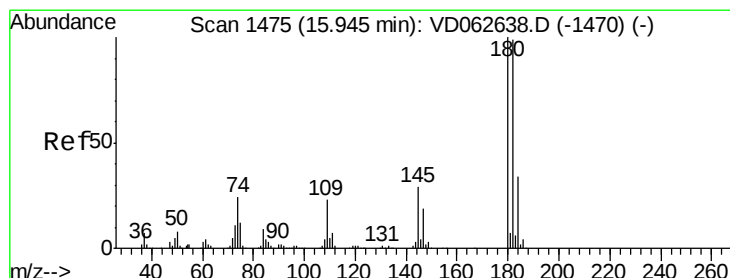
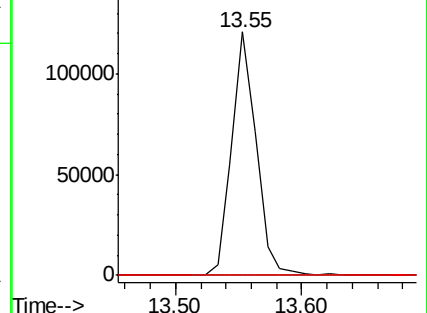
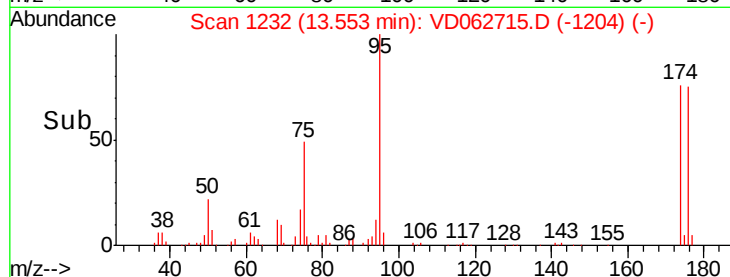
89 0.0 37.0 55.6#



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



#93

1,2,4-Trichlorobenzene

Concen: 3.652 ug/l

RT: 15.95 min Scan# 1475

Delta R.T. 0.00 min

Lab File: VD062715.D

Acq: 14 Jun 2019 17:06

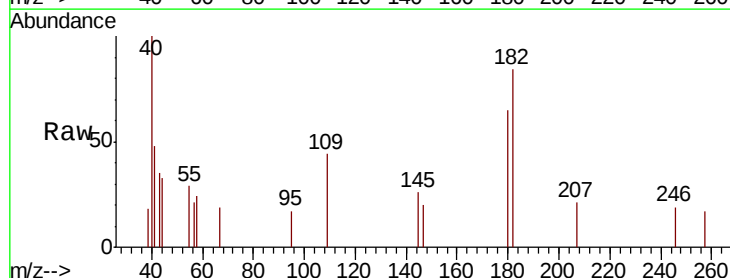
Tgt Ion:180 Resp: 1301

Ion Ratio Lower Upper

180 100

182 128.8 49.4 148.2

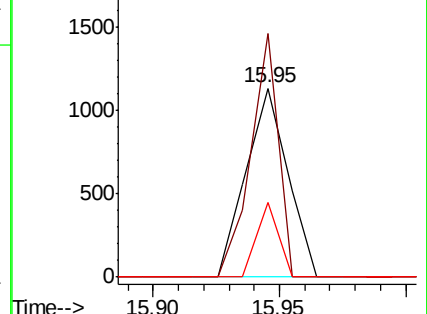
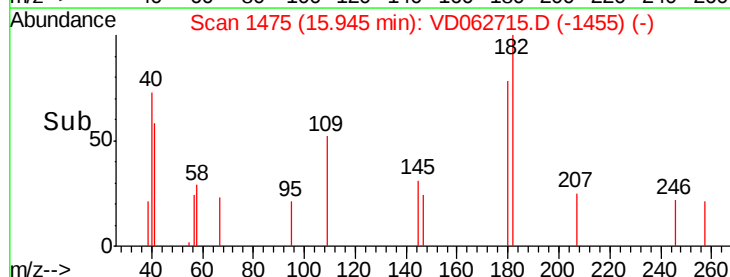
145 39.6 14.5 43.6

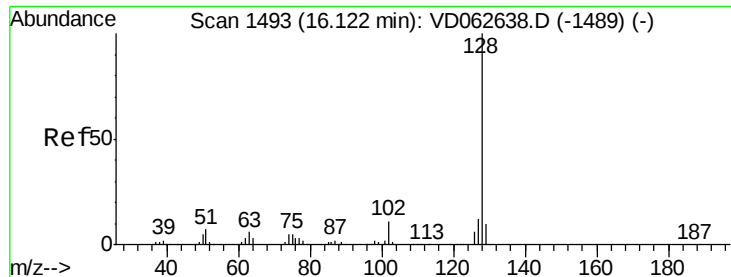


Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

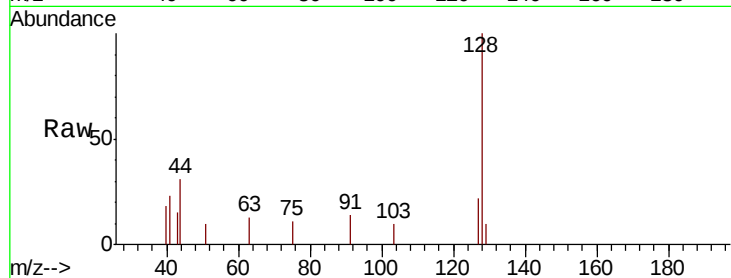




#95
Naphthalene
Concen: 3.626 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062715.D
Acq: 14 Jun 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :
CONCRETERE

Tot Ion:128 Resp: 3860
Ion Ratio Lower Upper
128 100
127 22.2 9.7 14.5#
129 10.3 8.1 12.1



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

