

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063286.D
 Acq On : 1 Aug 2019 10:52
 Operator : VA/AP
 Sample : VD0801SBL01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBL01

Quant Time: Aug 02 07:22:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1107103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1460430	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1229448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	639578	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	576879	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
35) Dibromofluoromethane	6.91	113	619073	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
50) Toluene-d8	10.40	98	1347728	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	13.55	95	566736	44.57	ug/l	0.00
Spiked Amount			Recovery	=	89.14%	

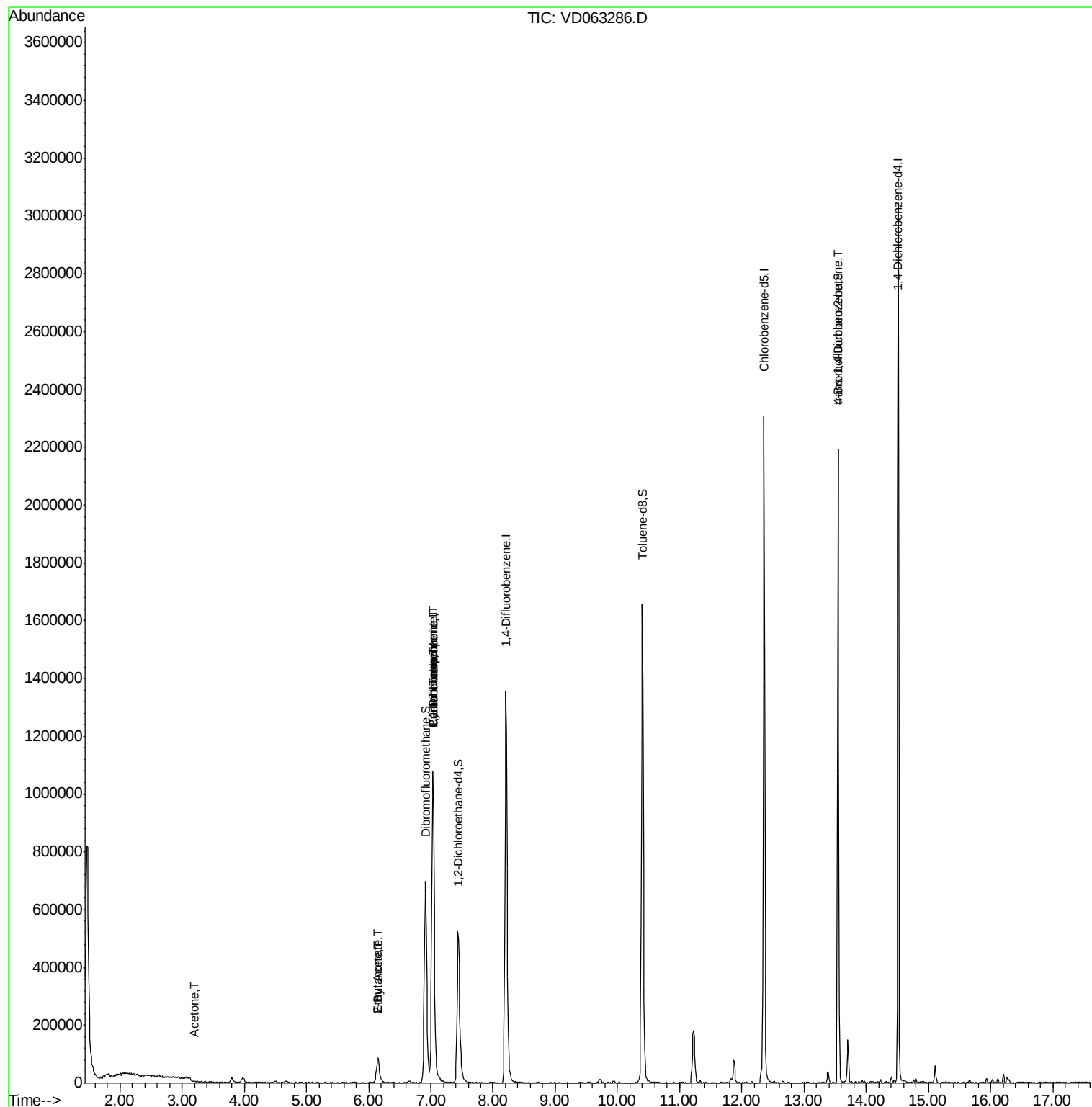
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.21	43	6081	2.541	ug/l #	89
25) 2-Butanone	6.15	43	8288	3.450	ug/l #	56
31) Cyclohexane	7.03	56	25278	2.310	ug/l #	21
36) 1,1-Dichloropropene	7.03	75	81539	6.118	ug/l #	50
37) Ethyl Acetate	6.15	43	8288	1.384	ug/l #	4
38) Carbon Tetrachloride	7.03	117	104927	5.229	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	258440	121.153	ug/l #	3

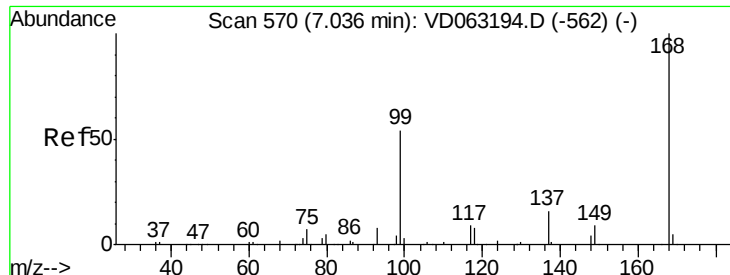
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080119\
Data File : VD063286.D
Acq On : 1 Aug 2019 10:52
Operator : VA/AP
Sample : VD0801SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0801SBL01

Quant Time: Aug 02 07:22:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD063286.D

Acq: 1 Aug 2019 10:52

Instrument :

MSVOA_D

ClientSampleId :

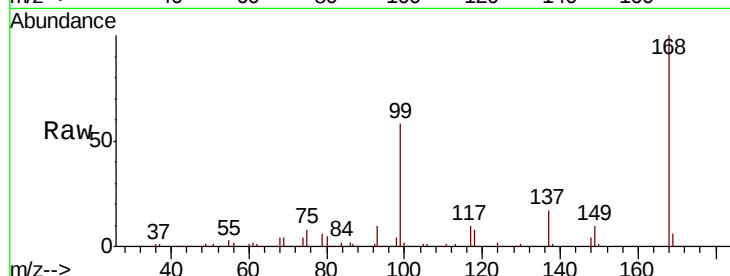
VD0801SBL01

Tot Ion:168 Resp: 1107103

Ion Ratio Lower Upper

168 100

99 58.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

400000

300000

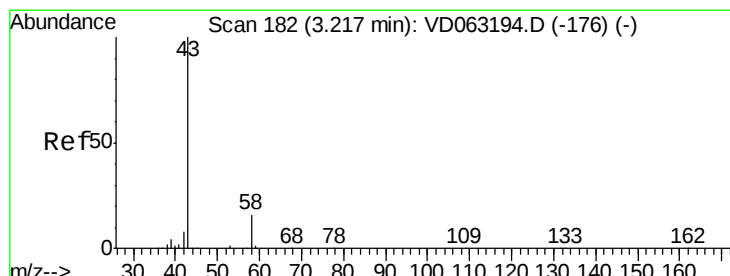
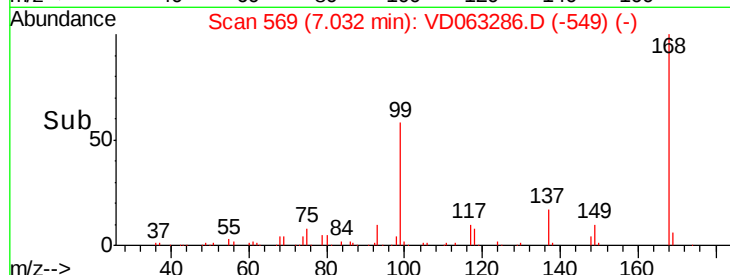
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 2.541 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.00 min

Lab File: VD063286.D

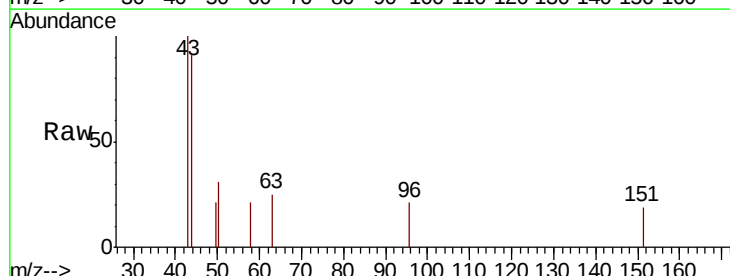
Acq: 1 Aug 2019 10:52

Tgt Ion: 43 Resp: 6081

Ion Ratio Lower Upper

43 100

58 20.7 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

1500

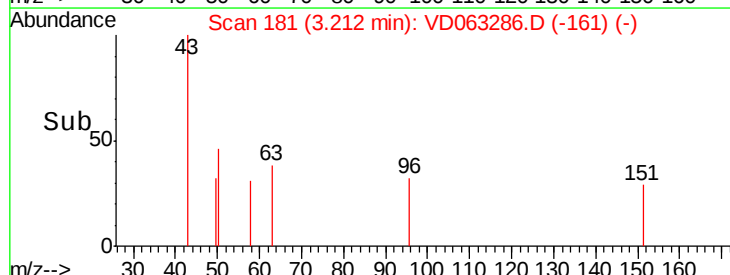
1000

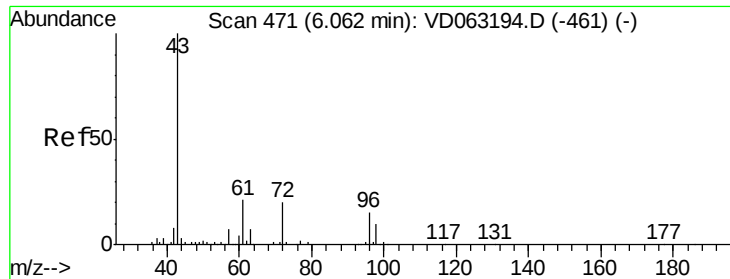
500

0

3.15 3.20 3.25 3.30

Time-->





#25

2-Butanone

Concen: 3.450 ug/l

RT: 6.15 min Scan# 479

Delta R.T. 0.08 min

Lab File: VD063286.D

Acq: 1 Aug 2019 10:52

Instrument :

MSVOA_D

ClientSampleId :

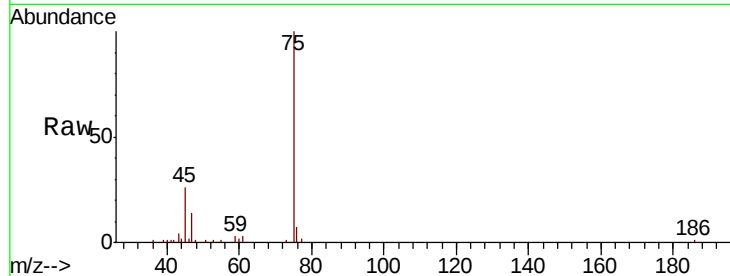
VD0801SBL01

Tot Ion: 43 Resp: 8288

Ion Ratio Lower Upper

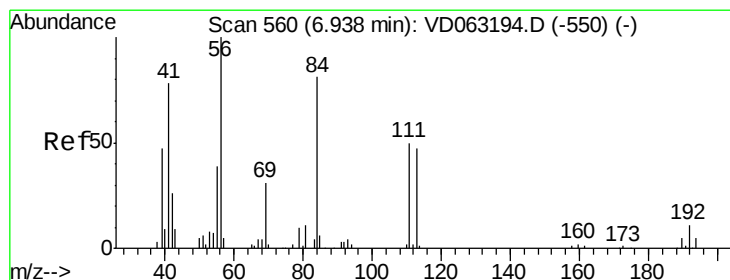
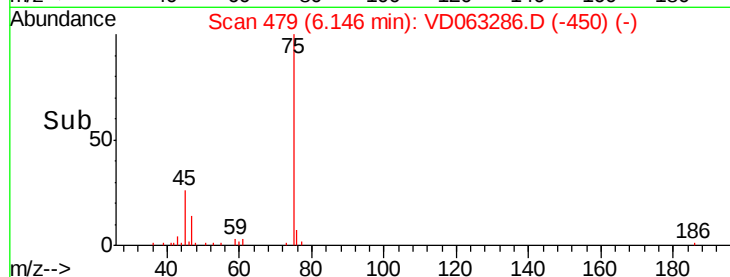
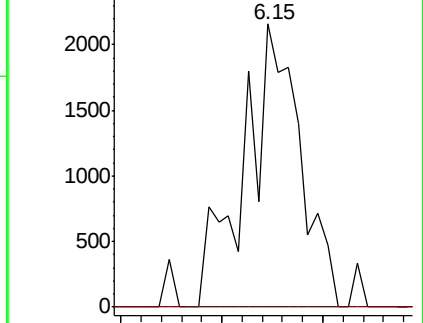
43 100

72 0.0 16.3 24.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 2.310 ug/l

RT: 7.03 min Scan# 569

Delta R.T. 0.09 min

Lab File: VD063286.D

Acq: 1 Aug 2019 10:52

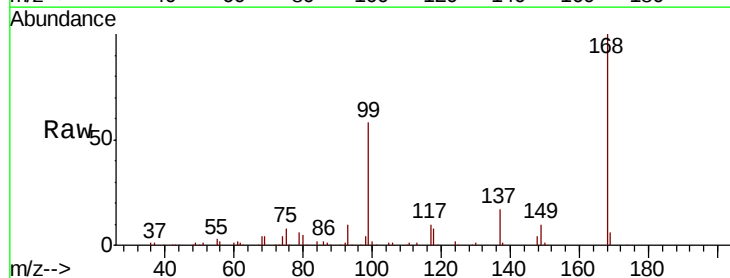
Tgt Ion: 56 Resp: 25278

Ion Ratio Lower Upper

56 100

69 176.8 24.5 36.7#

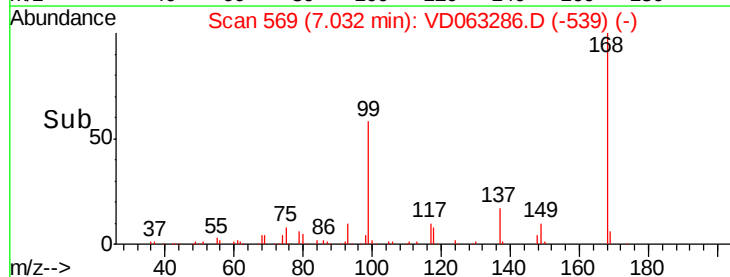
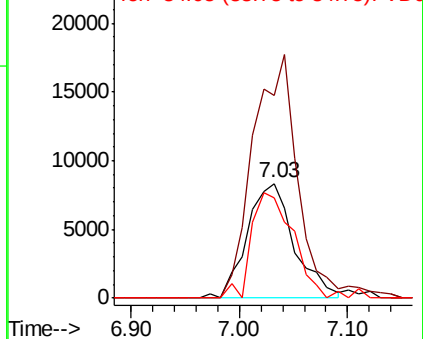
84 87.7 64.9 97.3

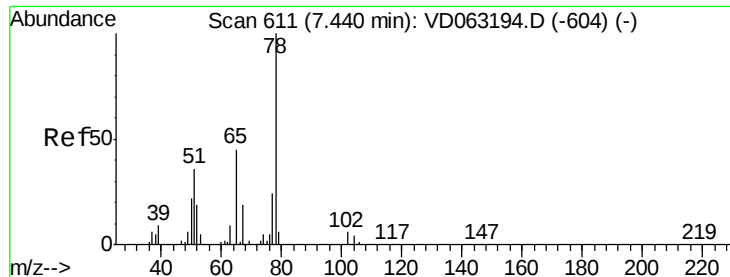


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

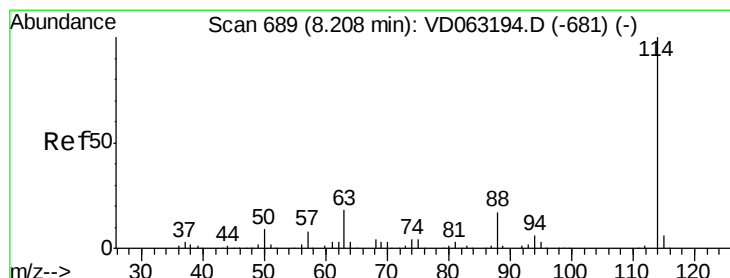
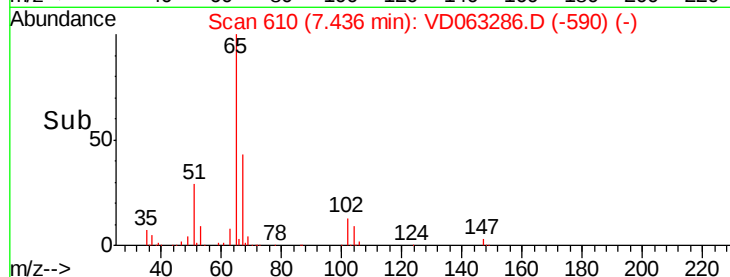
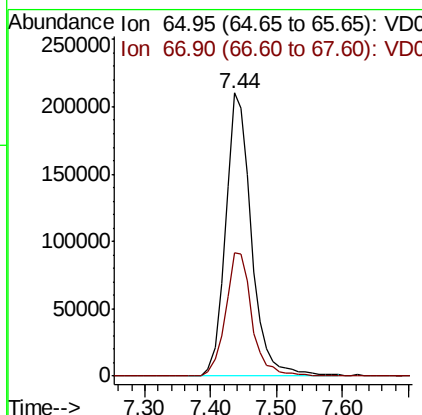
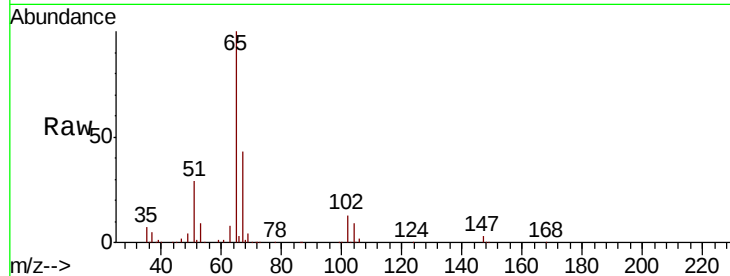




#33
 1,2-Dichloroethane-d4
 Concen: 46.960 ug/l
 RT: 7.44 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VD063286.D
 Acq: 1 Aug 2019 10:52

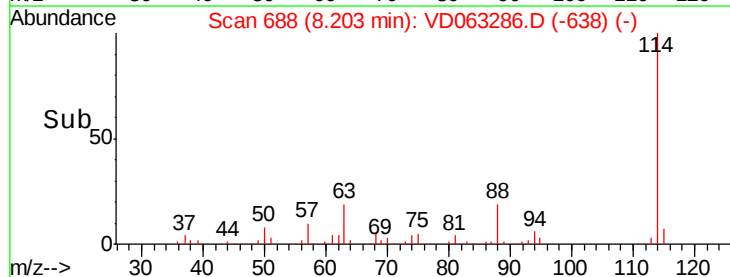
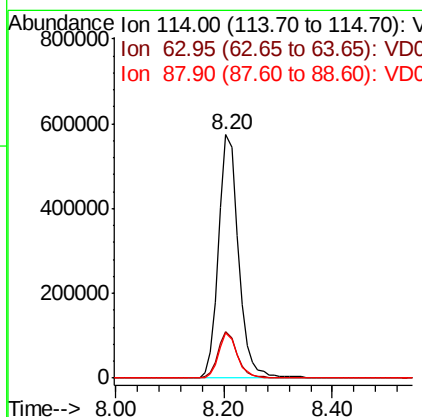
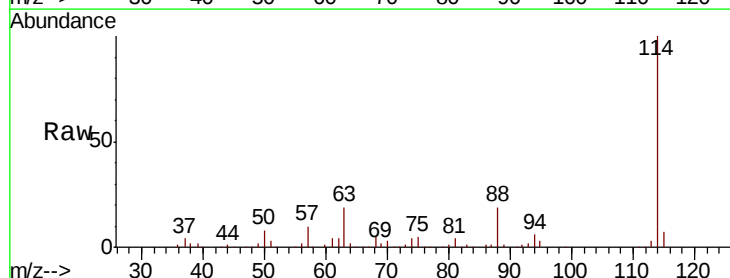
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBL01

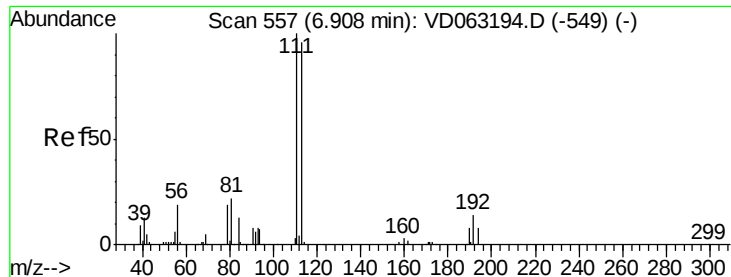
Tot Ion: 65 Resp: 576879
 Ion Ratio Lower Upper
 65 100
 67 43.4 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: VD063286.D
 Acq: 1 Aug 2019 10:52

Tgt Ion: 114 Resp: 1460430
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 35.2
 88 18.7 0.0 34.6

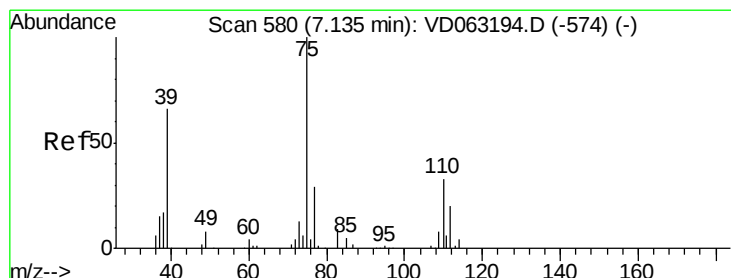
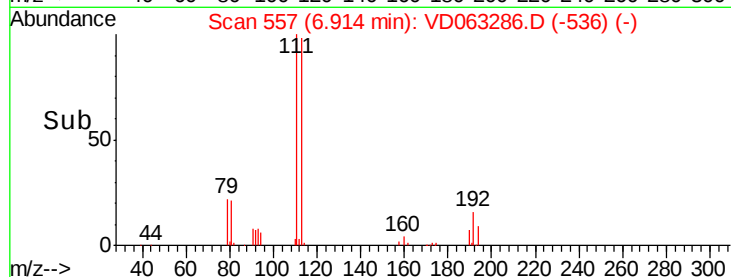
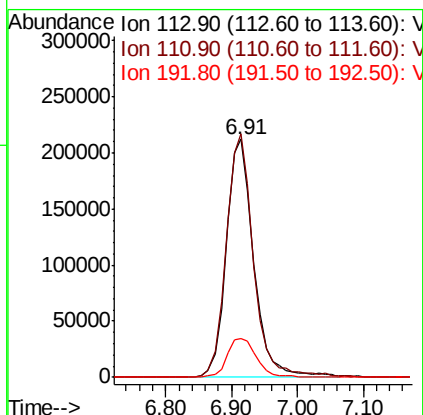
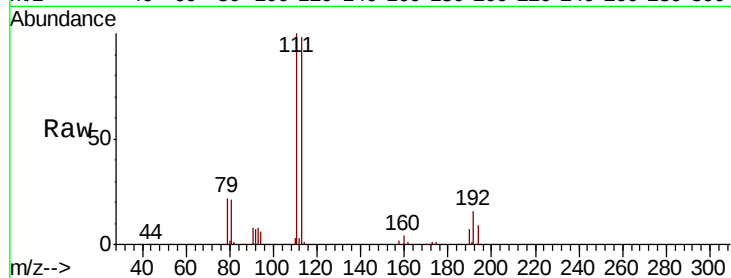




#35
 Dibromofluoromethane
 Concen: 49.649 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD063286.D
 Acq: 1 Aug 2019 10:52

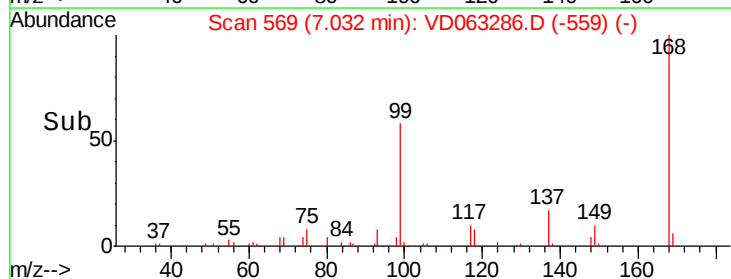
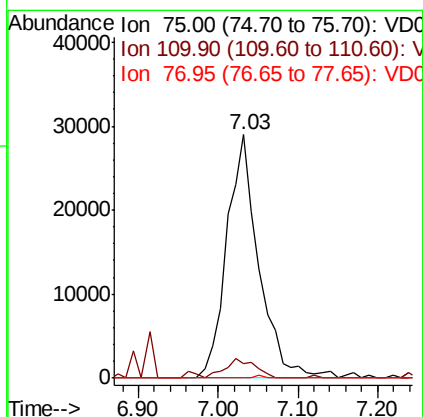
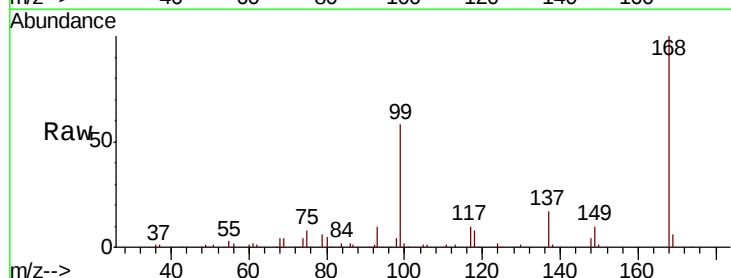
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBL01

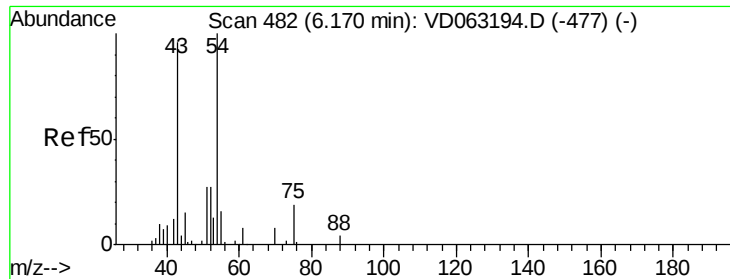
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.2	124.8
192	16.3	11.8	17.8



#36
 1,1-Dichloropropene
 Concen: 6.118 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.10 min
 Lab File: VD063286.D
 Acq: 1 Aug 2019 10:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.9	16.1	48.2#
77	0.0	22.7	34.1#

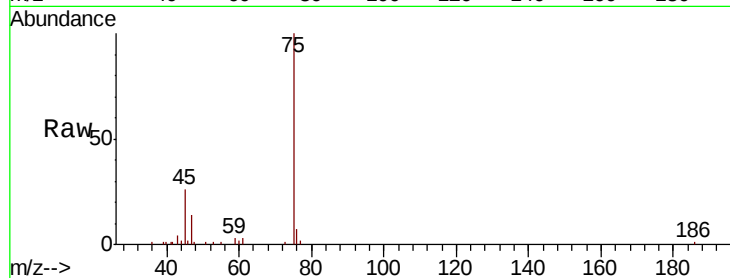




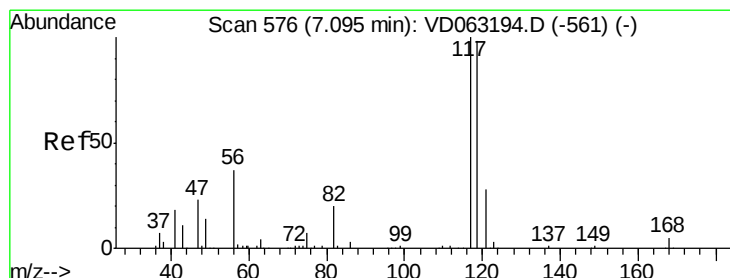
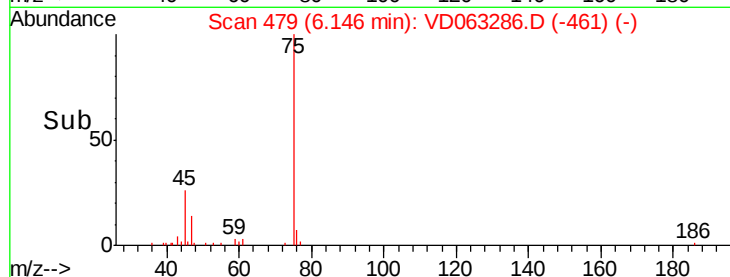
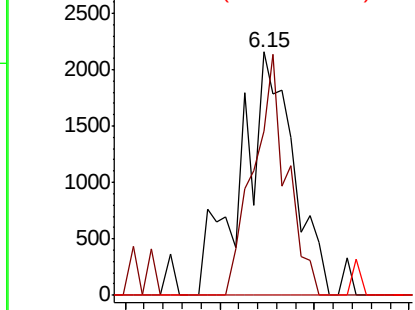
#37
Ethyl Acetate
Concen: 1.384 ug/l
RT: 6.15 min Scan# 479
Delta R.T. -0.02 min
Lab File: VD063286.D
Acq: 1 Aug 2019 10:52

Instrument :
MSVOA_D
ClientSampleId :
VD0801SBL01

Tot Ion: 43 Resp: 8288
Ion Ratio Lower Upper
43 100
61 67.3 11.3 16.9#
70 0.0 5.1 7.7#

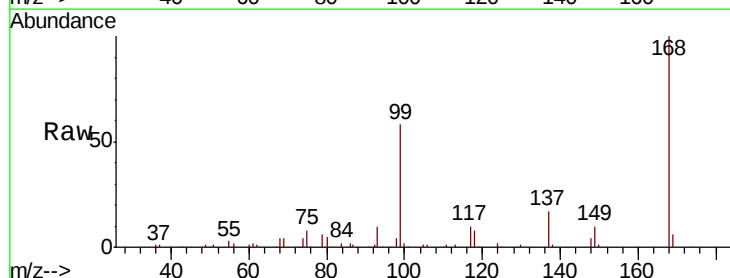


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

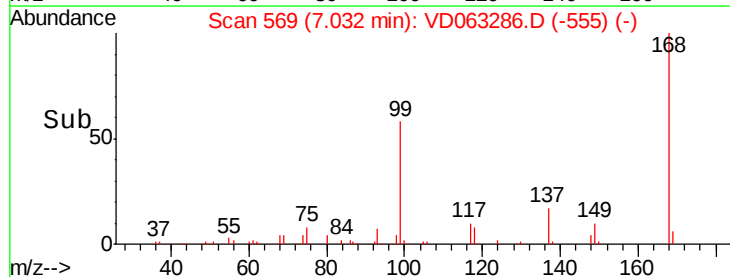
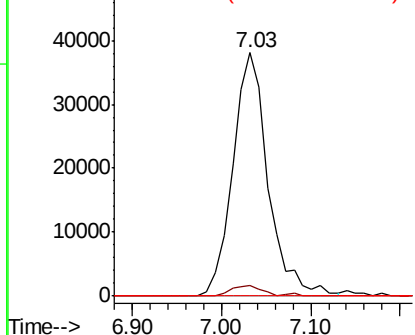


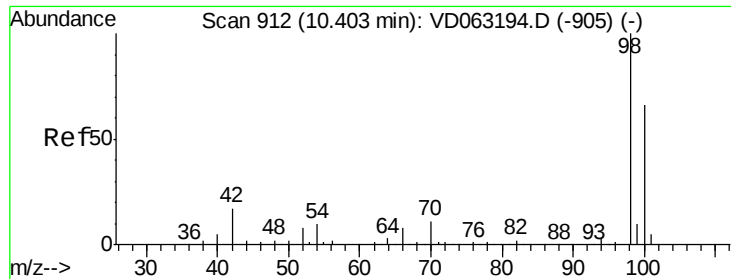
#38
Carbon Tetrachloride
Concen: 5.229 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.06 min
Lab File: VD063286.D
Acq: 1 Aug 2019 10:52

Tgt Ion: 117 Resp: 104927
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 22.1 33.1#



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

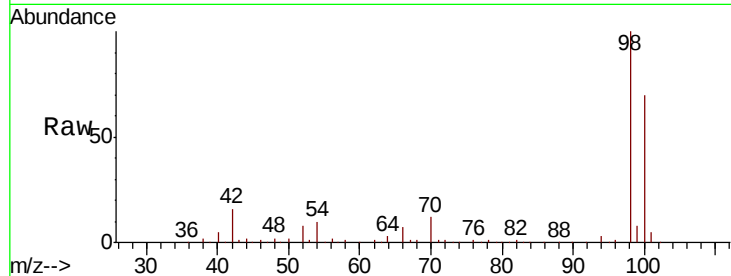




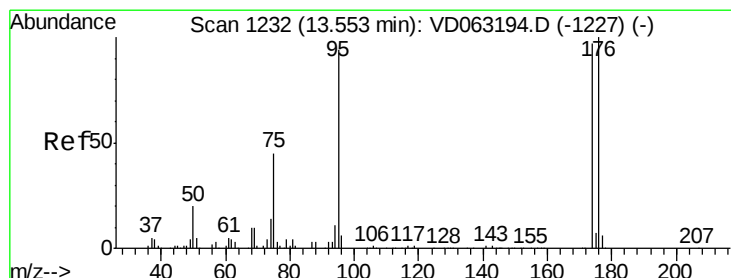
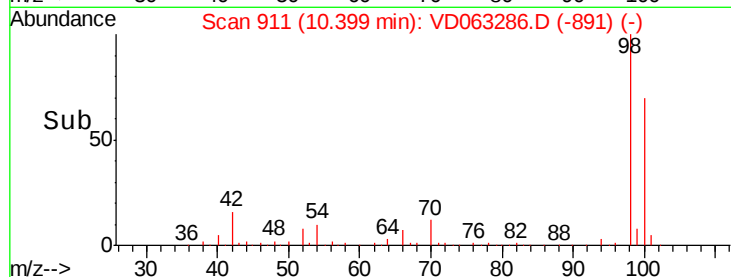
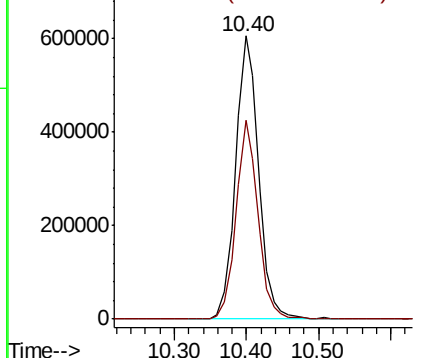
#50
Toluene-d8
Concen: 48.296 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.00 min
Lab File: VD063286.D
Acq: 1 Aug 2019 10:52

Instrument :
MSVOA_D
ClientSampleId :
VD0801SBL01

Tot Ion: 98 Resp: 1347728
Ion Ratio Lower Upper
98 100
100 70.2 53.2 79.8

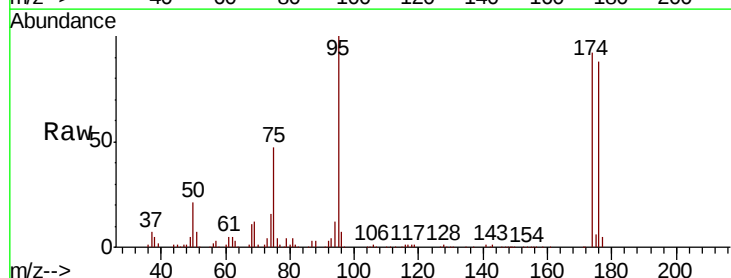


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

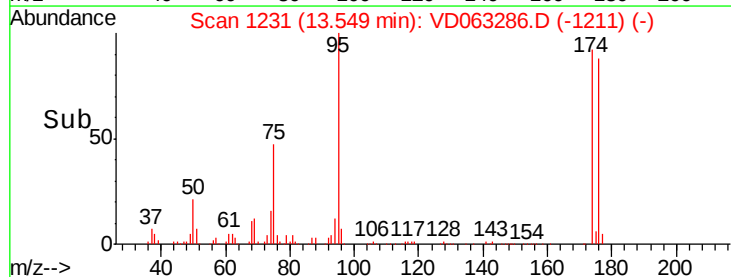
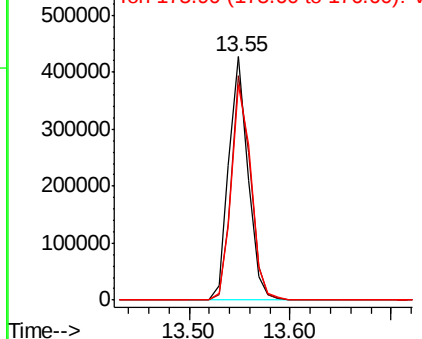


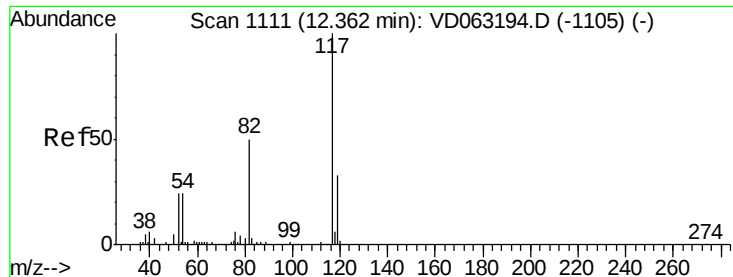
#62
4-Bromofluorobenzene
Concen: 44.567 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD063286.D
Acq: 1 Aug 2019 10:52

Tgt Ion: 95 Resp: 566736
Ion Ratio Lower Upper
95 100
174 92.4 0.0 205.4
176 88.3 0.0 211.8



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

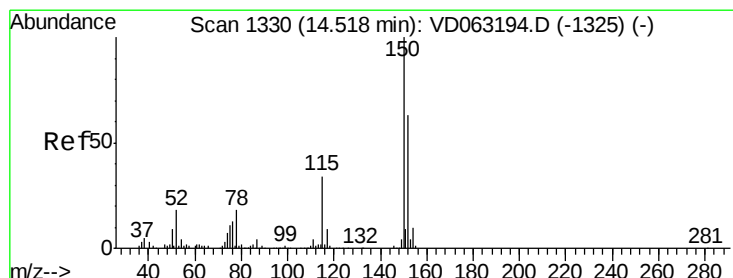
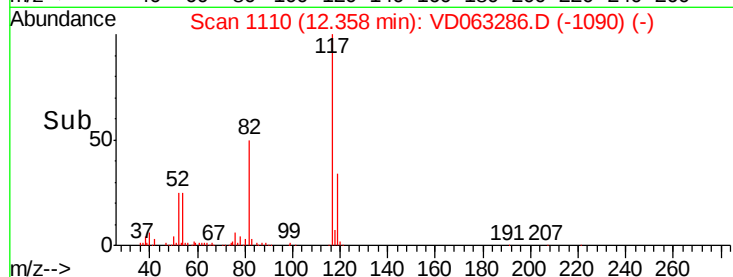
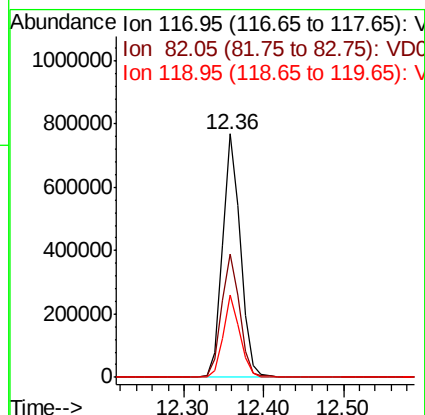
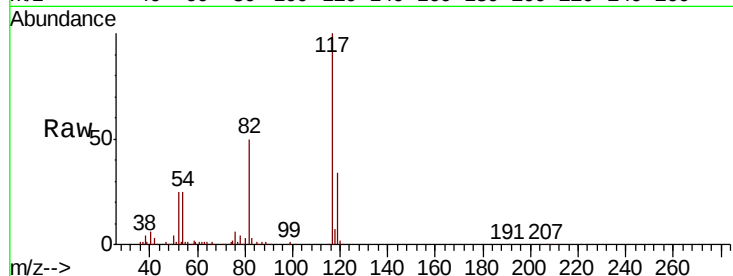




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD063286.D
Acq: 1 Aug 2019 10:52

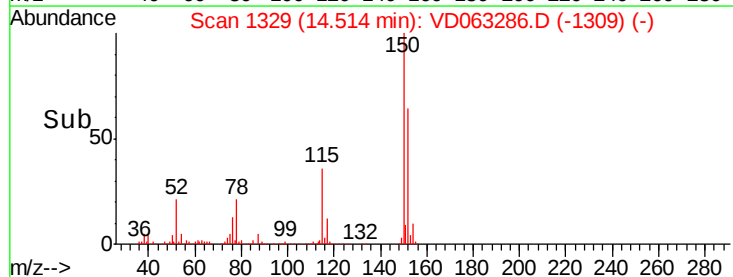
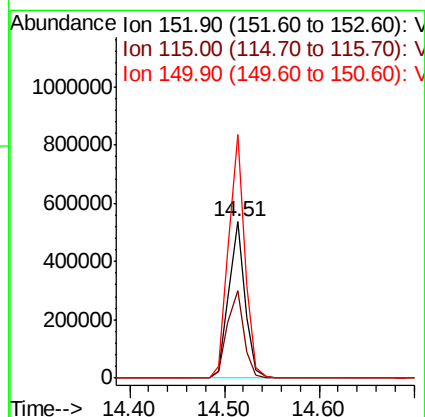
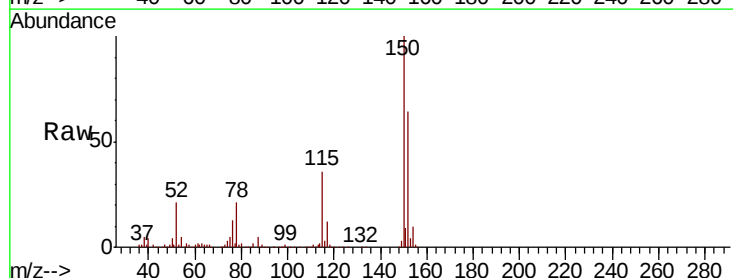
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBL01

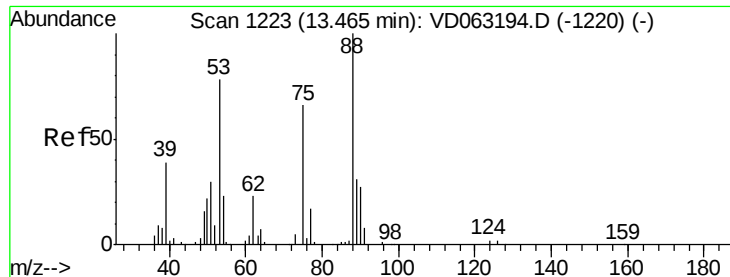
Tot Ion:117 Resp: 1229448
Ion Ratio Lower Upper
117 100
82 50.4 40.1 60.1
119 33.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063286.D
Acq: 1 Aug 2019 10:52

Tgt Ion:152 Resp: 639578
Ion Ratio Lower Upper
152 100
115 55.7 27.5 82.4
150 155.6 0.0 320.6





#81

trans-1,4-Dichloro-2-butene

Concen: 121.153 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.08 min

Lab File: VD063286.D

Acq: 1 Aug 2019 10:52

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBL01

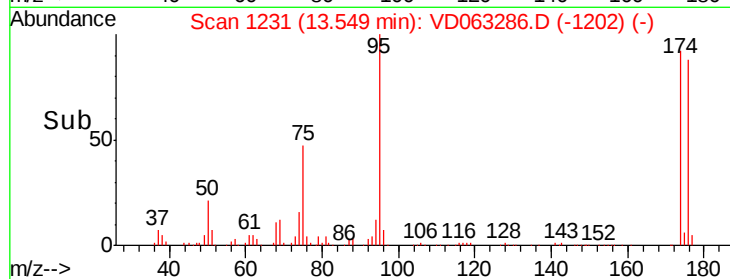
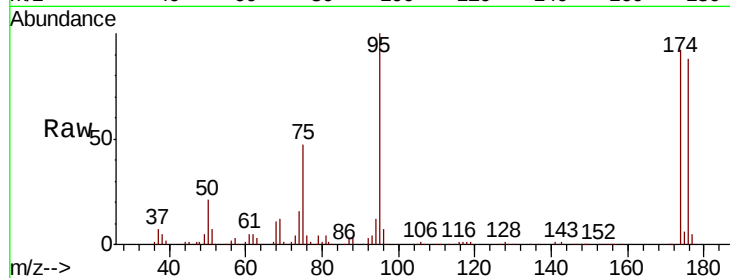
Tot Ion: 75 Resp: 258440

Ion Ratio Lower Upper

75 100

53 0.0 94.9 142.3#

89 0.0 37.4 56.0#



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

