

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063260.D
 Acq On : 31 Jul 2019 2:00
 Operator : VA/AP
 Sample : K4049-10RE
 Misc : 4.30g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-10

Quant Time: Jul 31 05:00:38 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	7.04	168	1002793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1246757	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	885602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	367135	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	420472	37.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	75.58%	
35) Dibromofluoromethane	6.92	113	460650	43.28	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	86.56%	
50) Toluene-d8	10.40	98	930516	39.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	78.12%	
62) 4-Bromofluorobenzene	13.54	95	297980	27.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	54.90%	

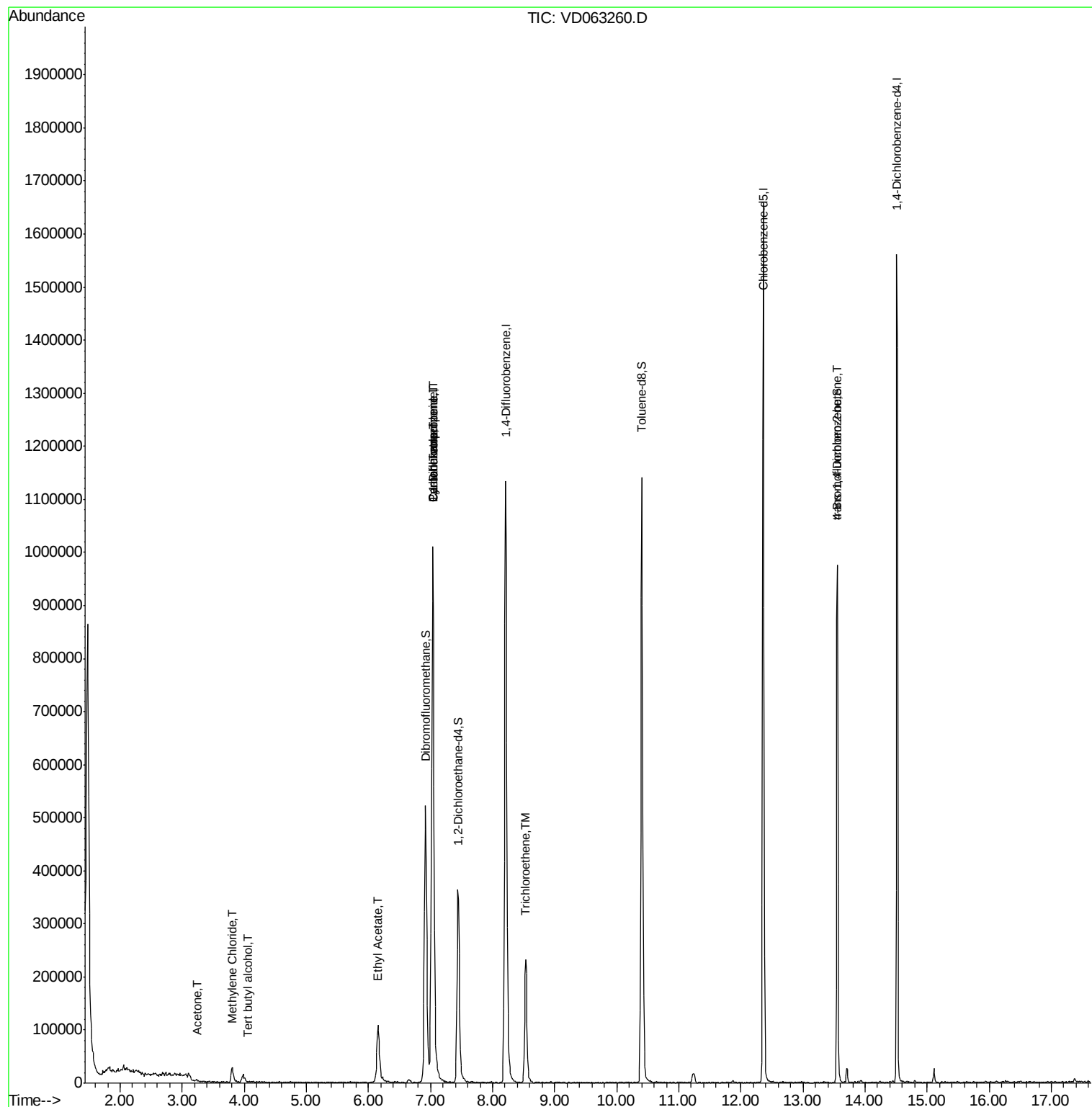
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.05	59	1901	3.893	ug/l #	69
16) Acetone	3.23	43	4132	1.906	ug/l #	62
20) Methylene Chloride	3.80	84	15337	1.750	ug/l #	83
31) Cyclohexane	7.04	56	22188	2.239	ug/l #	8
36) 1,1-Dichloropropene	7.03	75	78714	6.918	ug/l #	49
37) Ethyl Acetate	6.16	43	7371	1.442	ug/l #	2
38) Carbon Tetrachloride	7.03	117	96504	5.634	ug/l #	14
44) Trichloroethene	8.53	130	103248	10.685	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.54	75	131066	107.036	ug/l #	3

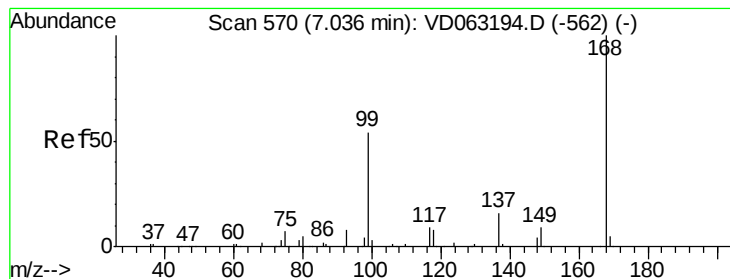
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073019\
Data File : VD063260.D
Acq On : 31 Jul 2019 2:00
Operator : VA/AP
Sample : K4049-10RE
Misc : 4.30g/5ml/MSVOA D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-10

Quant Time: Jul 31 05:00:38 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: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063260.D

Acq: 31 Jul 2019 2:00

Instrument :

MSVOA_D

ClientSampled :

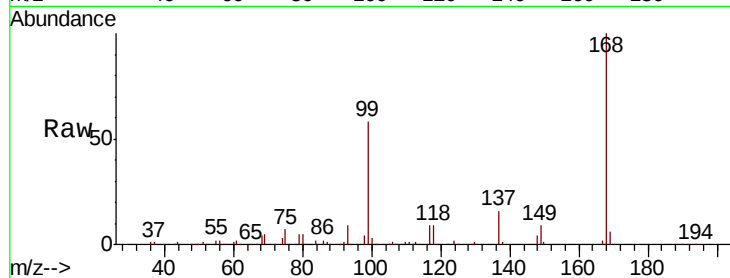
SP-10

Tot Ion:168 Resp: 1002793

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

7.04

400000

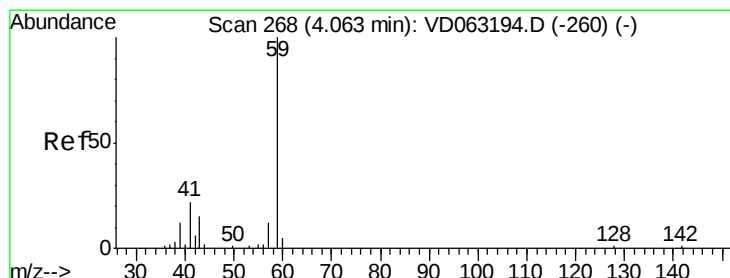
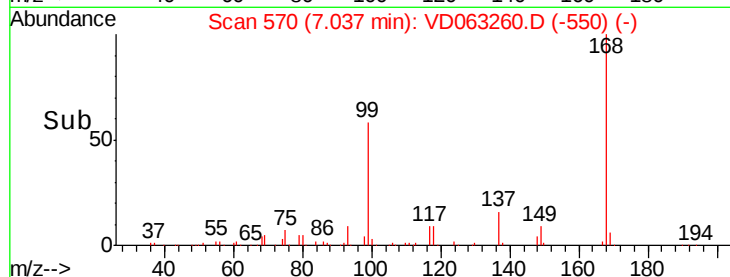
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.893 ug/l

RT: 4.05 min Scan# 267

Delta R.T. -0.01 min

Lab File: VD063260.D

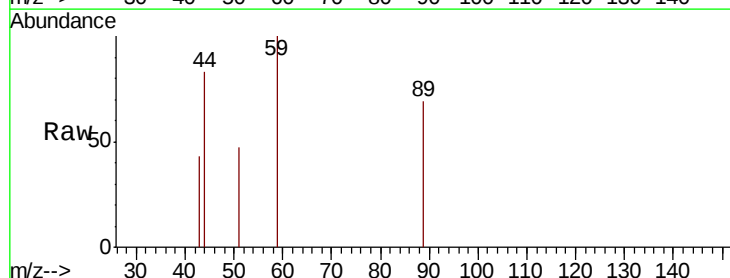
Acq: 31 Jul 2019 2:00

Tgt Ion: 59 Resp: 1901

Ion Ratio Lower Upper

59 100

57 0.0 9.6 14.4#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

3000

2500

2000

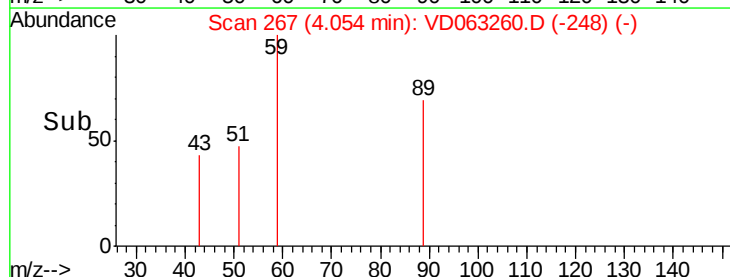
1500

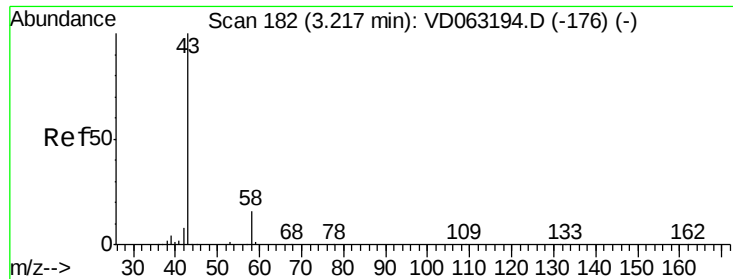
1000

500

0

Time-->





#16

Acetone

Concen: 1.906 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063260.D

Acq: 31 Jul 2019 2:00

Instrument :

MSVOA_D

ClientSampleId :

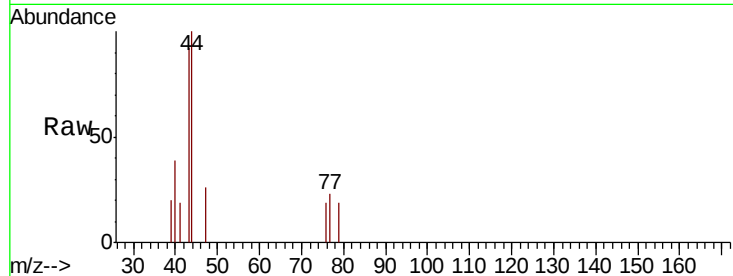
SP-10

Tot Ion: 43 Resp: 4132

Ion Ratio Lower Upper

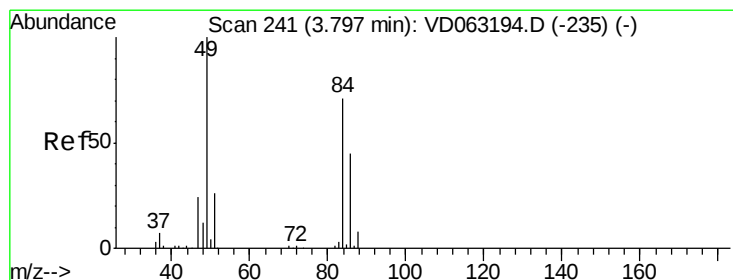
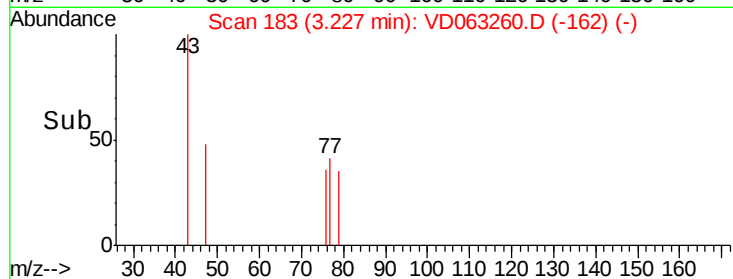
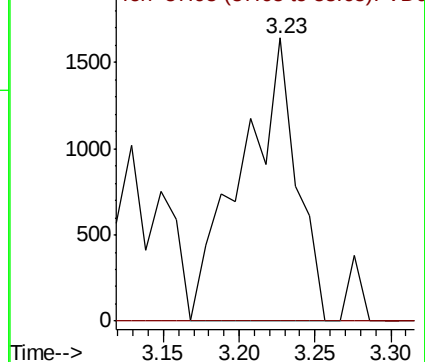
43 100

58 0.0 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 1.750 ug/l

RT: 3.80 min Scan# 241

Delta R.T. 0.00 min

Lab File: VD063260.D

Acq: 31 Jul 2019 2:00

Tgt Ion: 84 Resp: 15337

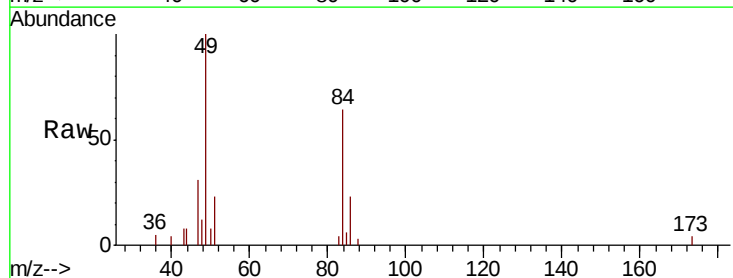
Ion Ratio Lower Upper

84 100

49 156.7 112.5 168.7

51 35.7 29.6 44.4

86 35.6 50.4 75.6#

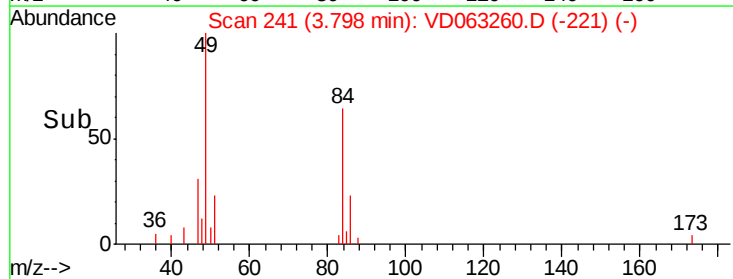
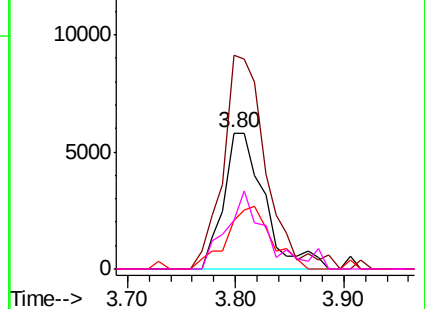


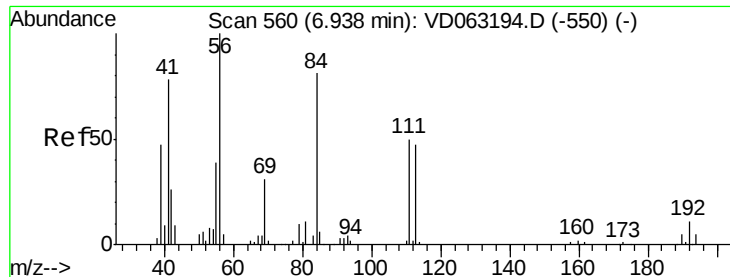
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

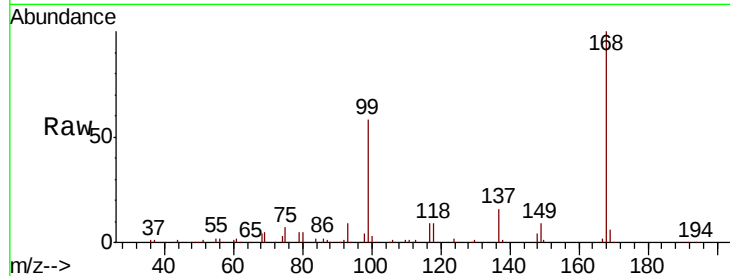




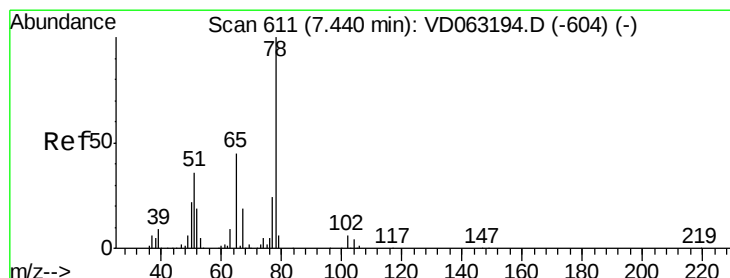
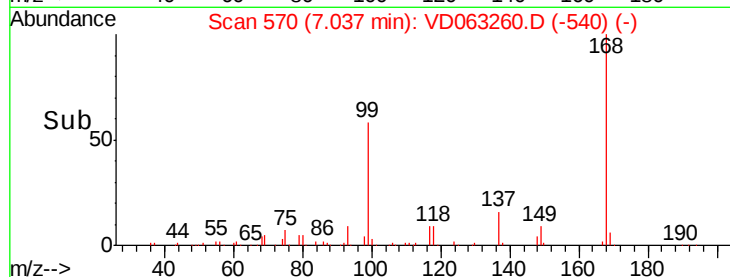
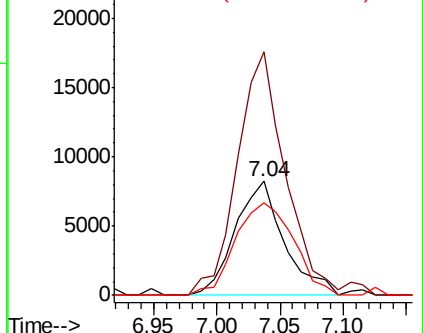
#31
Cyclohexane
Concen: 2.239 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD063260.D
Acq: 31 Jul 2019 2:00

Instrument :
MSVOA_D
ClientSampleId :
SP-10

Tot Ion: 56 Resp: 22188
Ion Ratio Lower Upper
56 100
69 213.1 24.5 36.7#
84 80.9 64.9 97.3

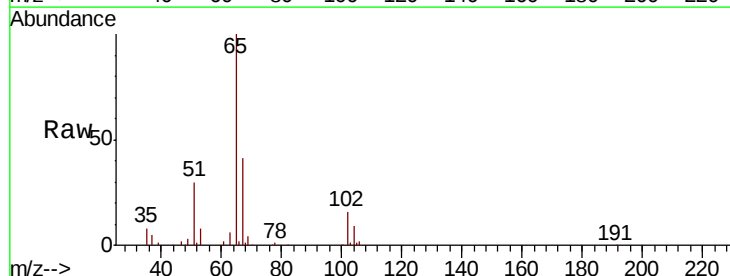


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

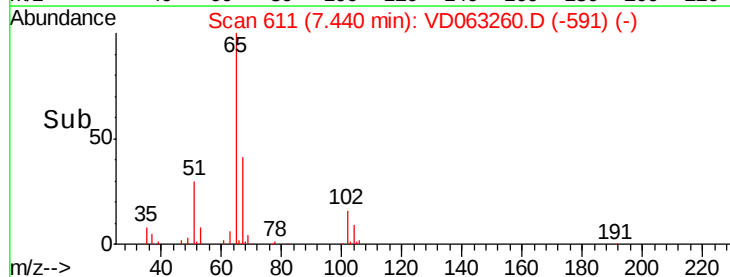
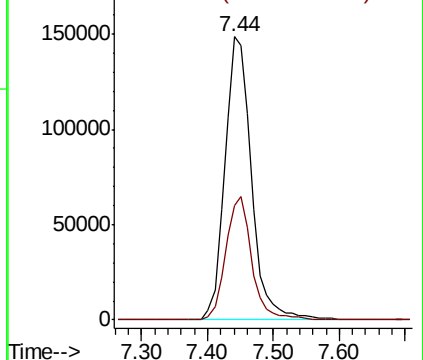


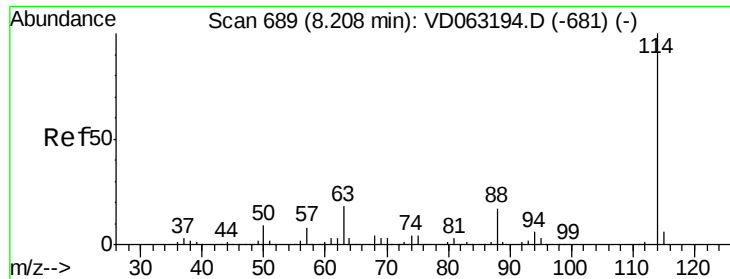
#33
1,2-Dichloroethane-d4
Concen: 37.789 ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.00 min
Lab File: VD063260.D
Acq: 31 Jul 2019 2:00

Tgt Ion: 65 Resp: 420472
Ion Ratio Lower Upper
65 100
67 40.6 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

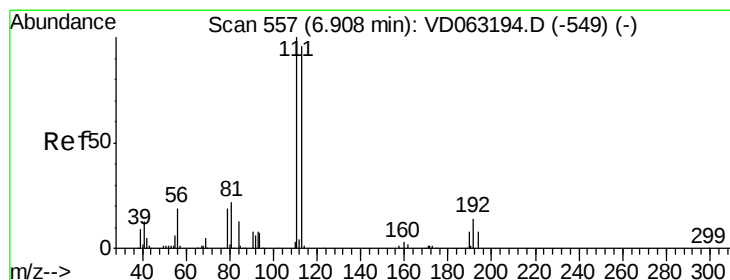
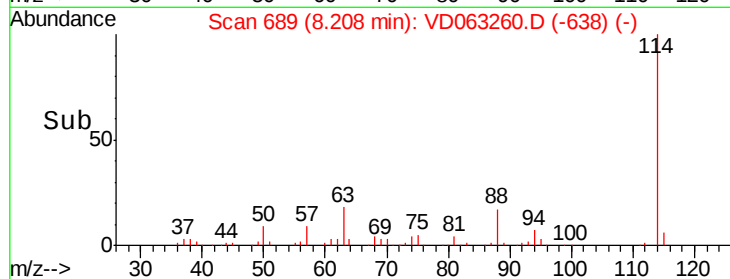
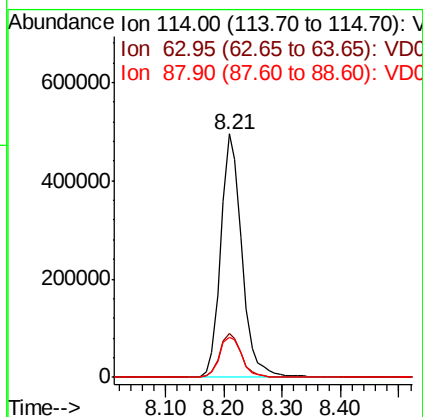
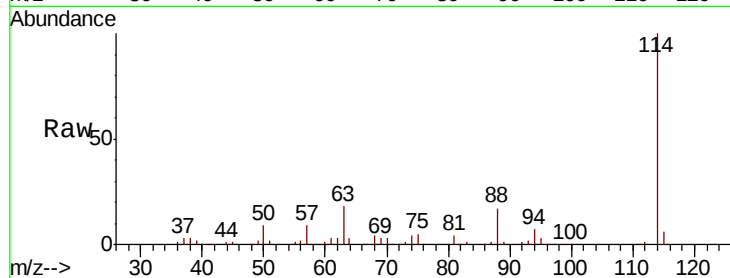




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063260.D
 Acq: 31 Jul 2019 2:00

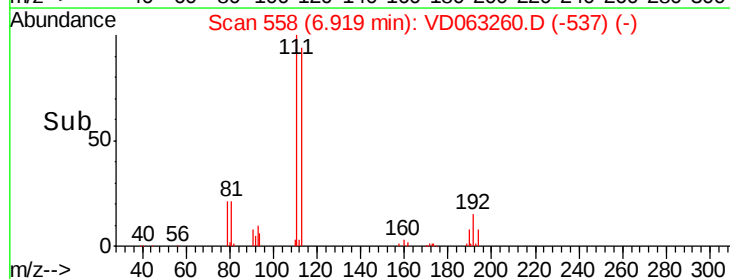
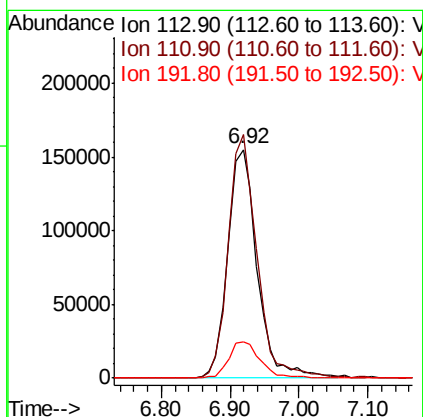
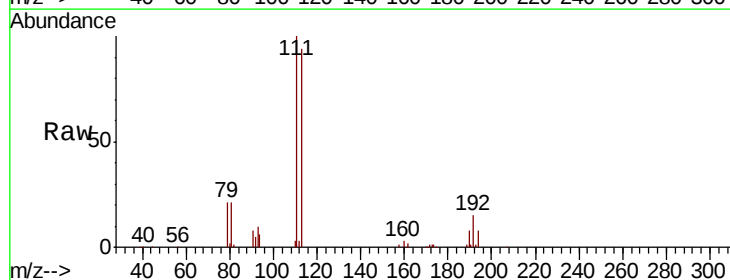
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-10

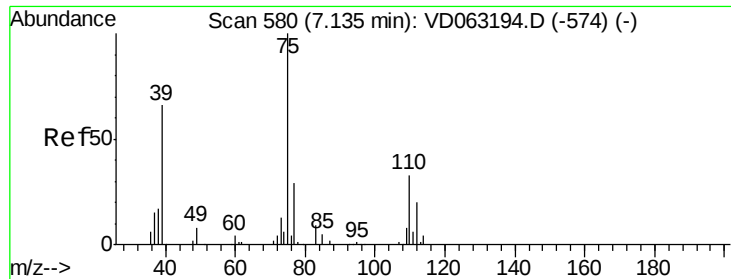
Tot Ion:114 Resp: 1246757
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.2
 88 16.7 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 43.275 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063260.D
 Acq: 31 Jul 2019 2:00

Tgt Ion:113 Resp: 460650
 Ion Ratio Lower Upper
 113 100
 111 106.5 83.2 124.8
 192 15.6 11.8 17.8





#36

1,1-Dichloropropene

Concen: 6.918 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.11 min

Lab File: VD063260.D

Acq: 31 Jul 2019 2:00

Instrument :

MSVOA_D

ClientSampleId :

SP-10

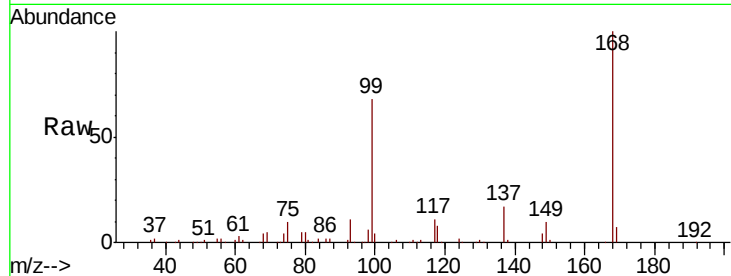
Tot Ion: 75 Resp: 78714

Ion Ratio Lower Upper

75 100

110 4.9 16.1 48.2#

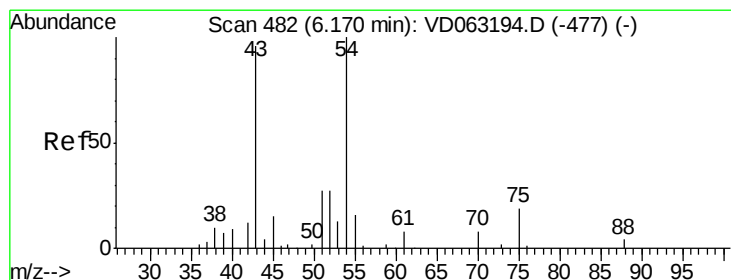
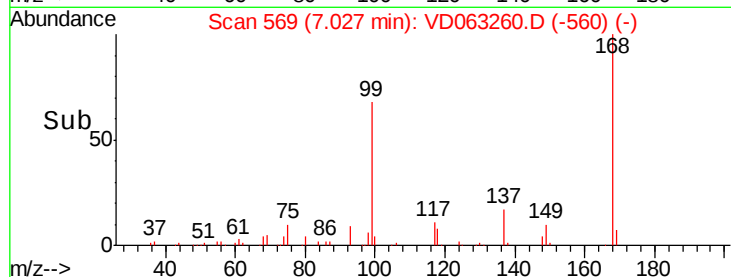
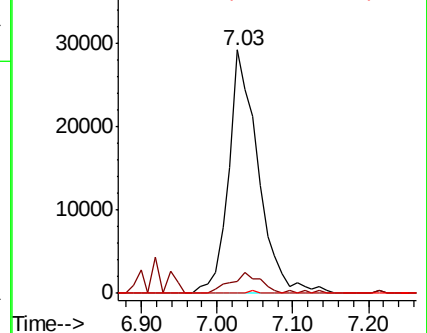
77 0.0 22.7 34.1#



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



#37

Ethyl Acetate

Concen: 1.442 ug/l

RT: 6.16 min Scan# 481

Delta R.T. -0.01 min

Lab File: VD063260.D

Acq: 31 Jul 2019 2:00

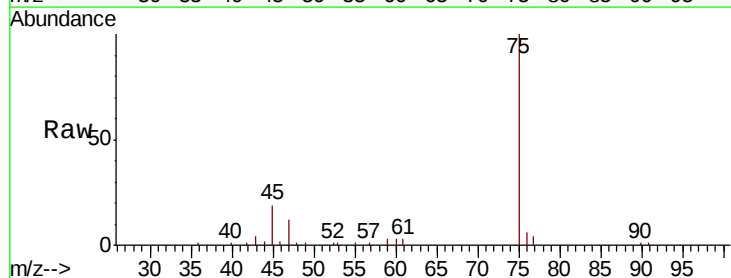
Tgt Ion: 43 Resp: 7371

Ion Ratio Lower Upper

43 100

61 68.8 11.3 16.9#

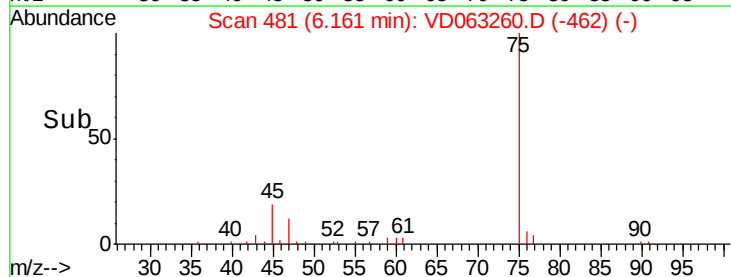
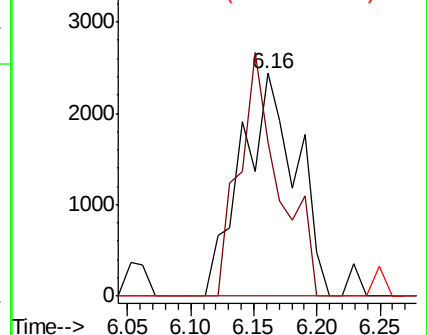
70 0.0 5.1 7.7#

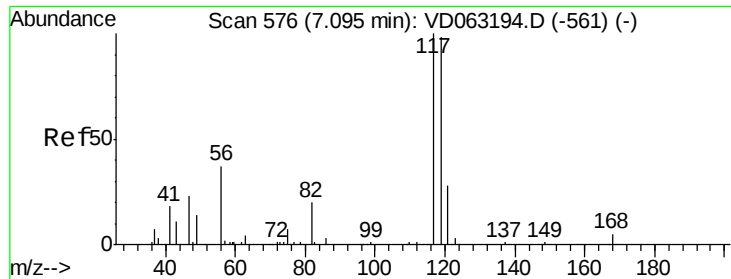


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 5.634 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.07 min

Lab File: VD063260.D

Acq: 31 Jul 2019 2:00

Instrument :

MSVOA_D

ClientSampleId :

SP-10

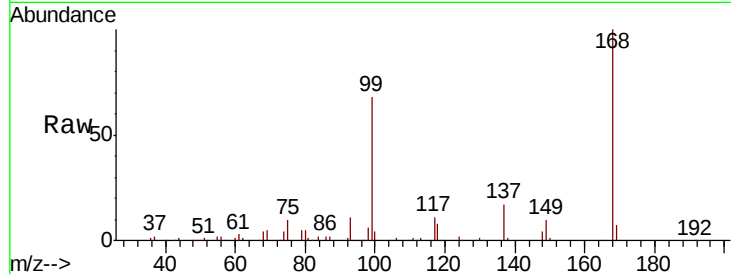
Tot Ion:117 Resp: 96504

Ion Ratio Lower Upper

117 100

119 3.6 78.2 117.2#

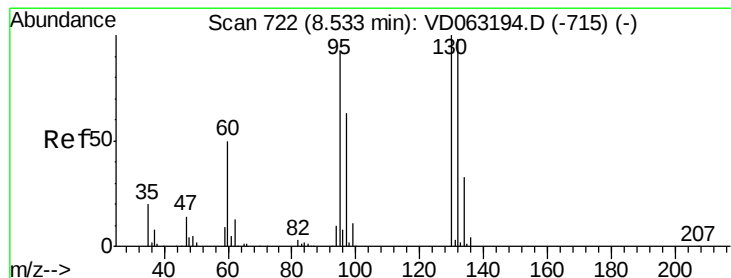
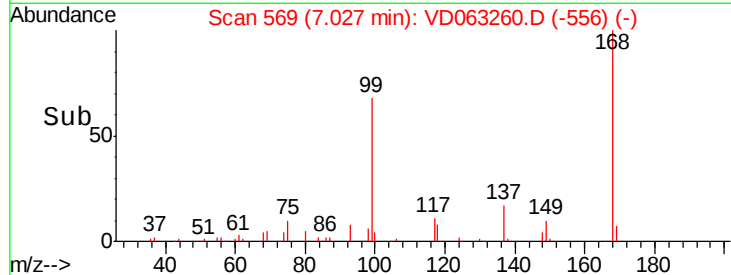
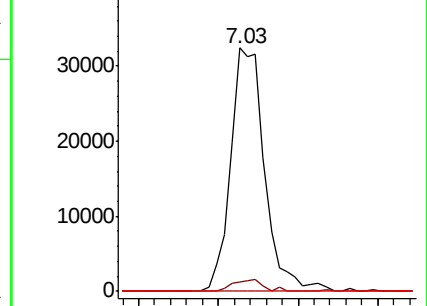
121 0.0 22.1 33.1#



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



#44

Trichloroethene

Concen: 10.685 ug/l

RT: 8.53 min Scan# 722

Delta R.T. 0.00 min

Lab File: VD063260.D

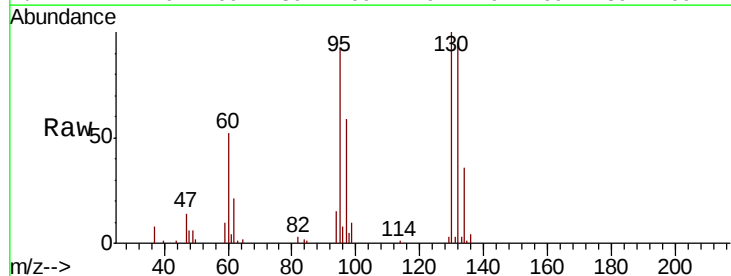
Acq: 31 Jul 2019 2:00

Tgt Ion:130 Resp: 103248

Ion Ratio Lower Upper

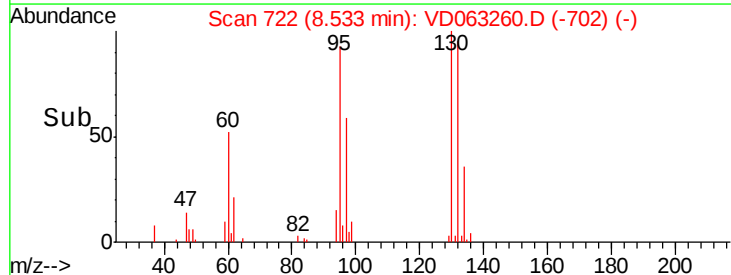
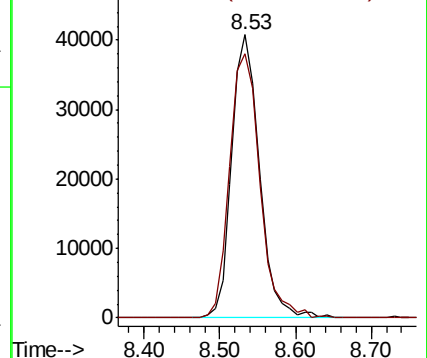
130 100

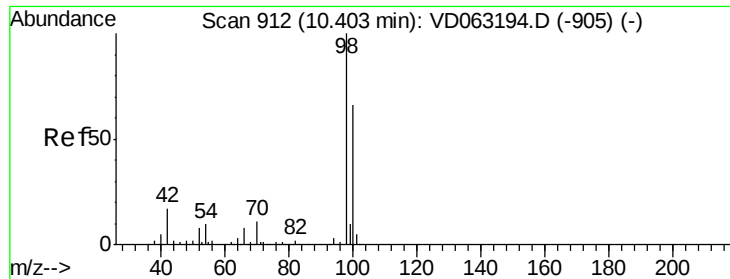
95 93.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

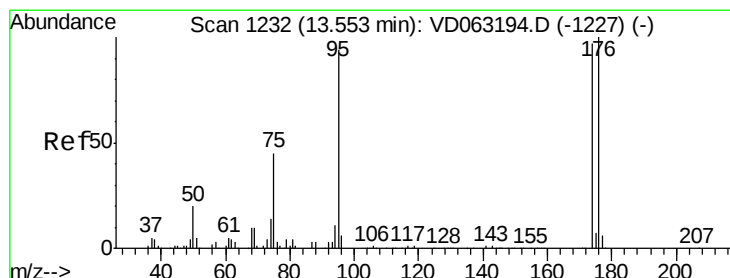
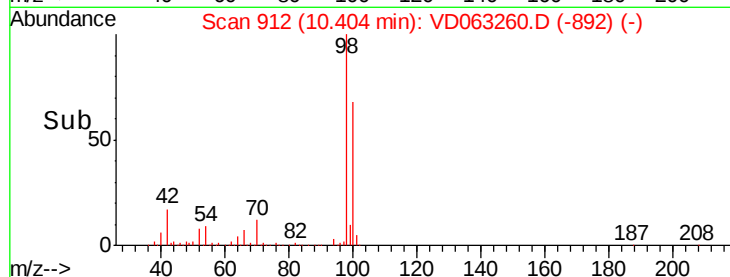
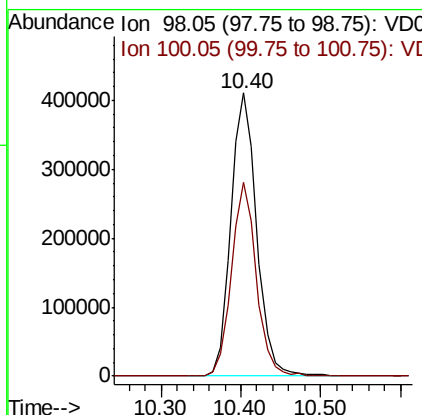
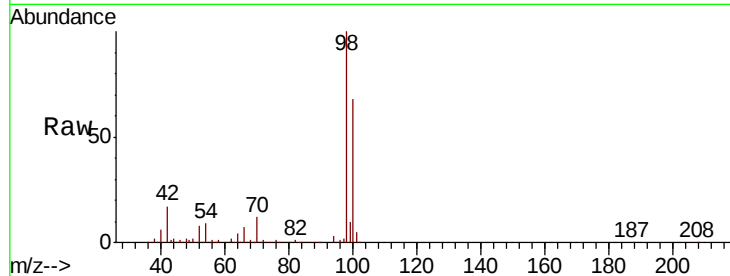




#50
Toluene-d8
Concen: 39.060 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063260.D
Acq: 31 Jul 2019 2:00

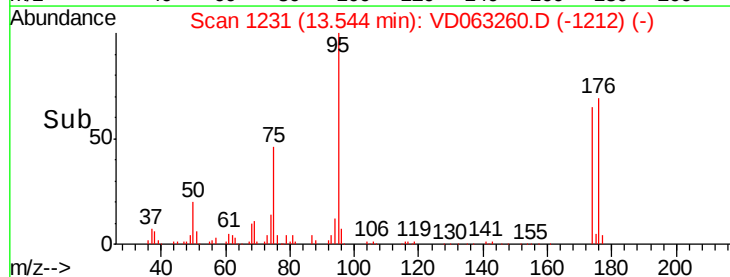
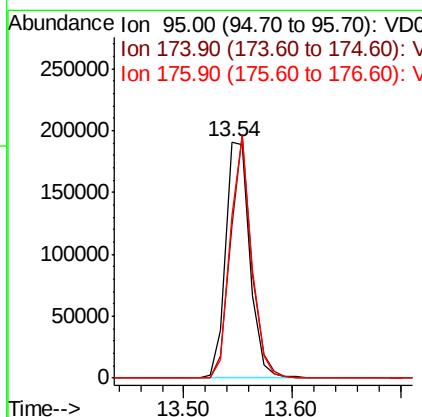
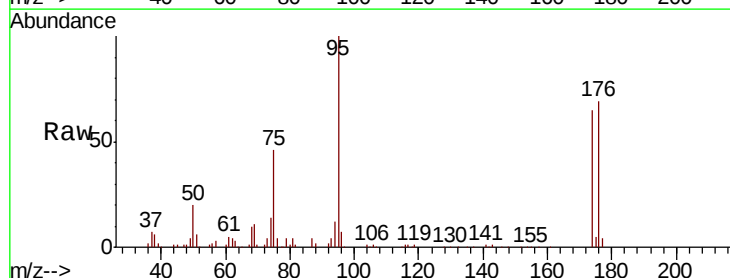
Instrument :
MSVOA_D
ClientSampleId :
SP-10

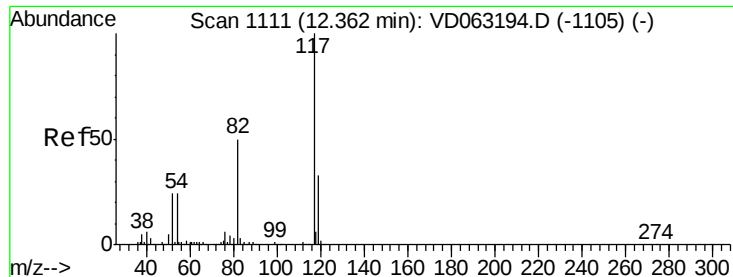
Tot Ion: 98 Resp: 930516
Ion Ratio Lower Upper
98 100
100 68.4 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 27.449 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063260.D
Acq: 31 Jul 2019 2:00

Tgt Ion: 95 Resp: 297980
Ion Ratio Lower Upper
95 100
174 64.6 0.0 205.4
176 68.9 0.0 211.8

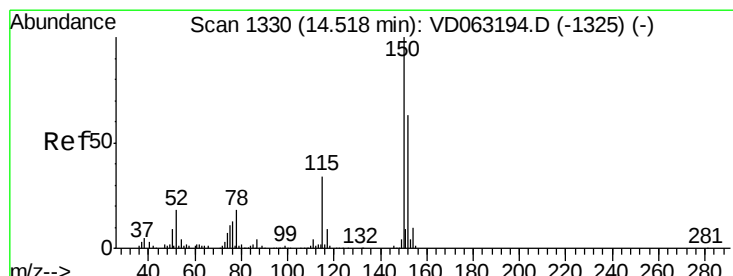
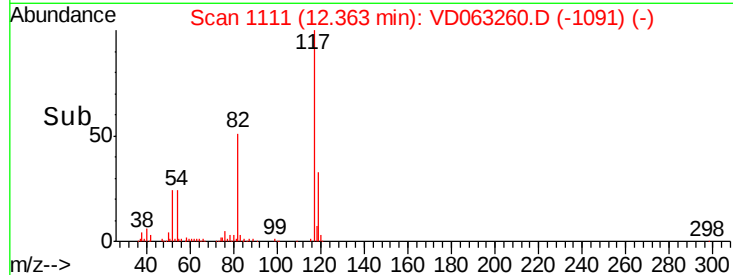
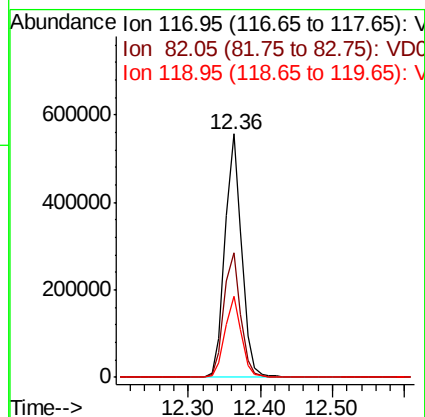
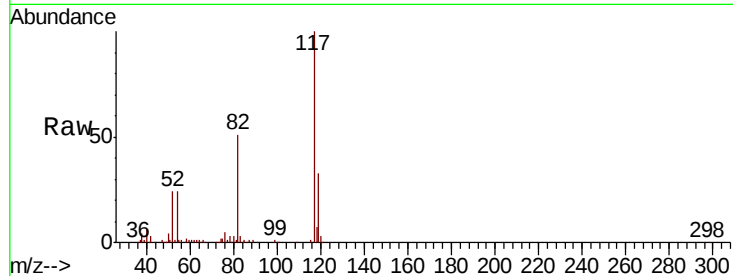




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063260.D
Acq: 31 Jul 2019 2:00

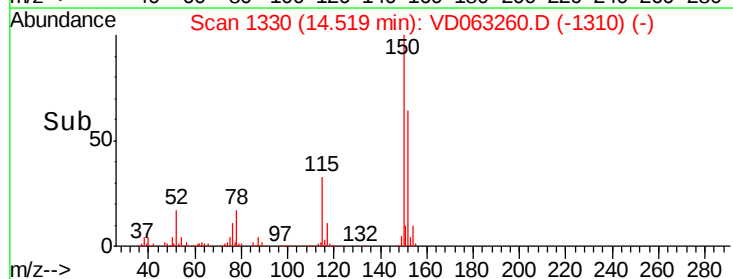
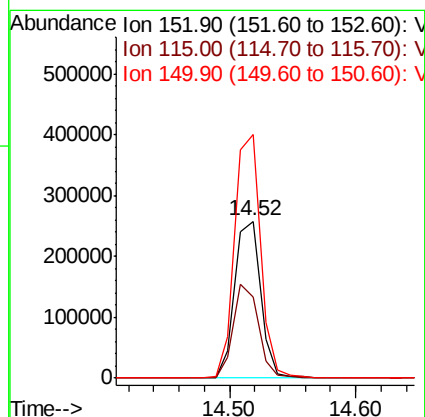
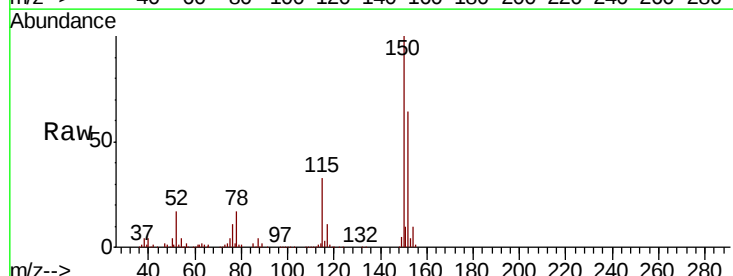
Instrument :
MSVOA_D
ClientSampleId :
SP-10

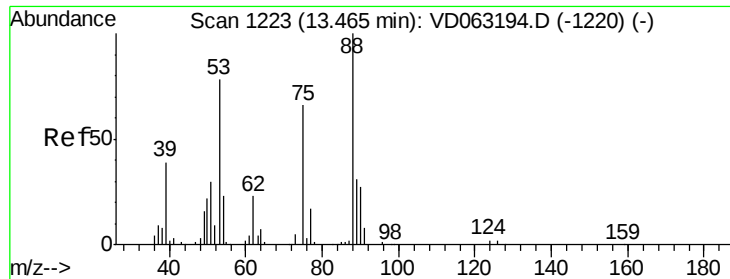
Tot Ion:117 Resp: 885602
Ion Ratio Lower Upper
117 100
82 51.4 40.1 60.1
119 33.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063260.D
Acq: 31 Jul 2019 2:00

Tgt Ion:152 Resp: 367135
Ion Ratio Lower Upper
152 100
115 51.7 27.5 82.4
150 155.2 0.0 320.6





#81

trans-1,4-Dichloro-2-butene

Concen: 107.036 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.08 min

Lab File: VD063260.D

Acq: 31 Jul 2019 2:00

Instrument :

MSVOA_D

ClientSampleId :

SP-10

Tot Ion: 75 Resp: 131066

Ion Ratio Lower Upper

75 100

53 0.0 94.9 142.3#

89 0.0 37.4 56.0#

