

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111418\
 Data File : VD060375.D
 Acq On : 14 Nov 2018 13:17
 Operator : JC/SY
 Sample : J5770-03
 Misc : 6.52g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-111218-B

Quant Time: Nov 14 16:03:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1640707	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	2212680	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	434411	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	711488	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	502160	42.75	ug/l	-0.04
Spiked Amount			Recovery	=	85.50%	
35) Dibromofluoromethane	6.30	113	704938	42.72	ug/l	-0.04
Spiked Amount			Recovery	=	85.44%	
50) Toluene-d8	9.43	98	245374	5.08	ug/l	-0.04
Spiked Amount			Recovery	=	10.16%	
62) 4-Bromofluorobenzene	12.41	95	610221	34.87	ug/l	-0.03
Spiked Amount			Recovery	=	69.74%	

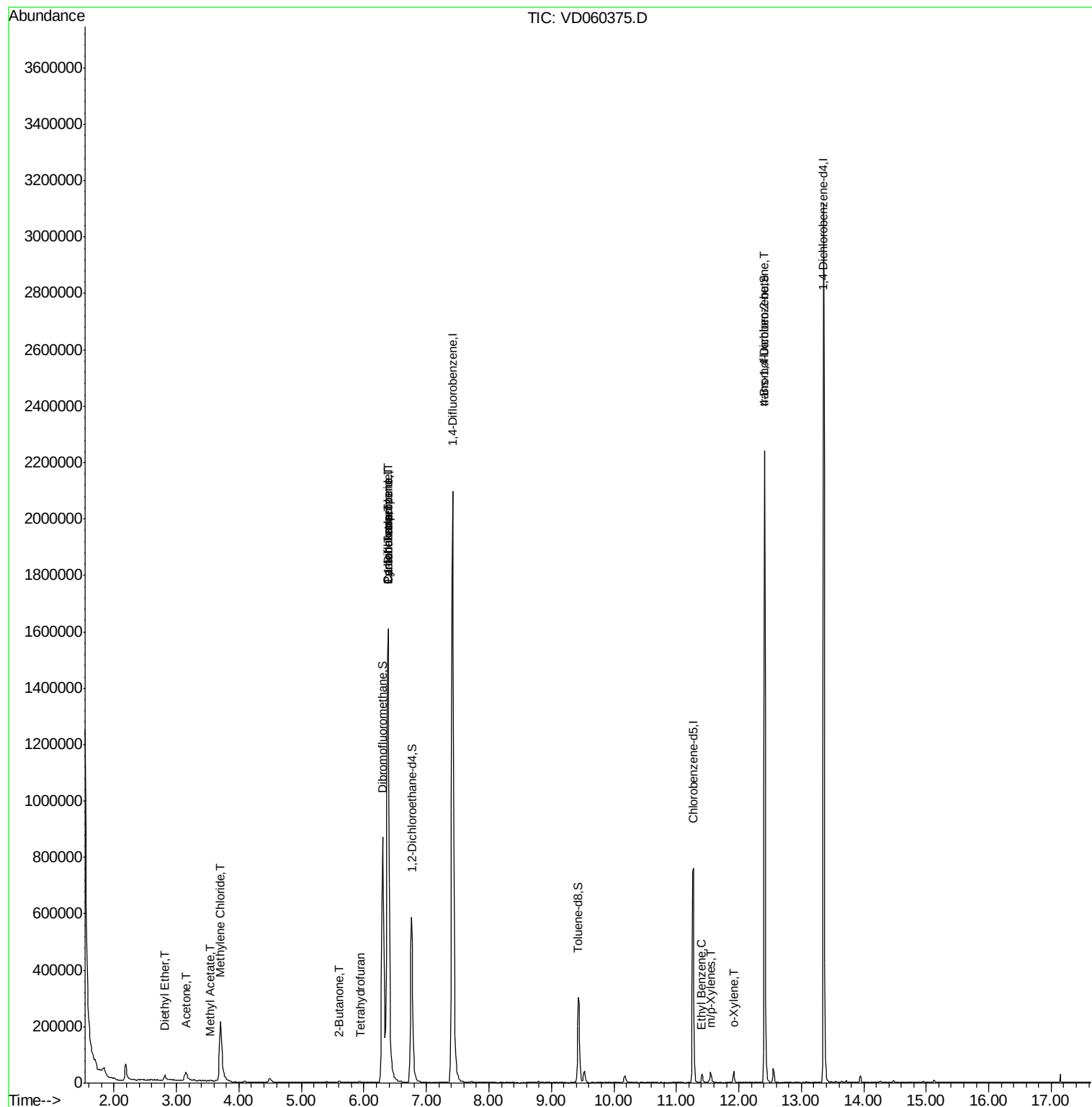
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	443	Below Cal	#	41
8) Diethyl Ether	2.82	74	5609	2.070	ug/l	76
16) Acetone	3.15	43	69214	33.966	ug/l	98
18) Methyl Acetate	3.54	43	6994	1.610	ug/l #	63
20) Methylene Chloride	3.71	84	146455	8.102	ug/l	97
25) 2-Butanone	5.61	43	8077	1.907	ug/l #	60
29) Tetrahydrofuran	5.93	42	3140	1.406	ug/l #	58
31) Cyclohexane	6.38	56	31614	1.127	ug/l #	1
36) 1,1-Dichloropropene	6.39	75	116805	5.343	ug/l #	46
38) Carbon Tetrachloride	6.39	117	127390	6.282	ug/l #	16
67) Ethyl Benzene	11.41	91	20298	1.261	ug/l	98
68) m/p-Xylenes	11.55	106	11153	1.878	ug/l	82
69) o-Xylene	11.92	106	9681	1.687	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.41	75	253045	104.431	ug/l #	15
89) n-Butylbenzene	13.63	91	649	Below Cal	#	78

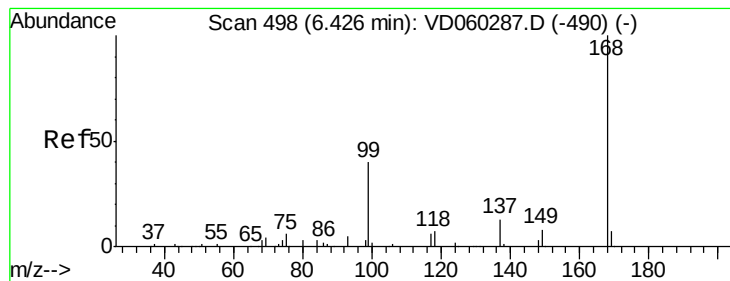
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111418\
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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060375.D

Acq: 14 Nov 2018 13:17

Instrument :

MSVOA_D

ClientSampleId :

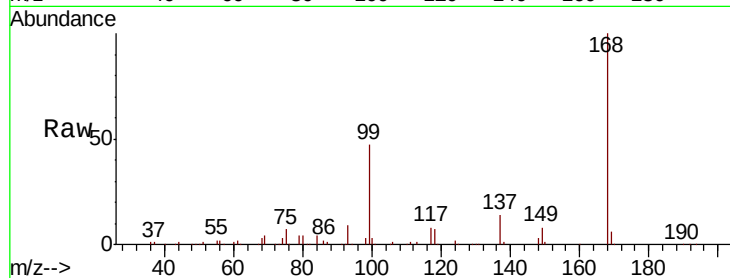
OR-01-111218-B

Tot Ion:168 Resp: 1640707

Ion Ratio Lower Upper

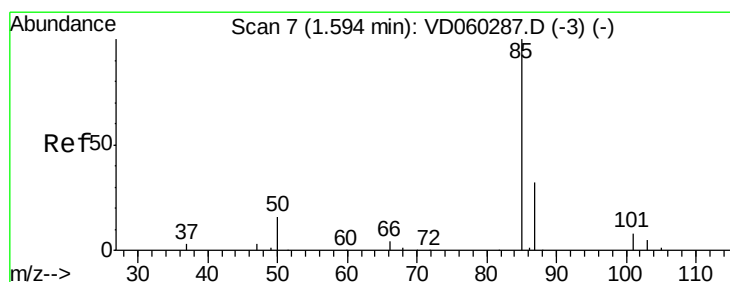
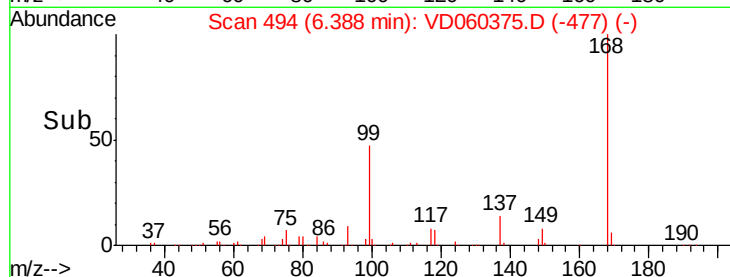
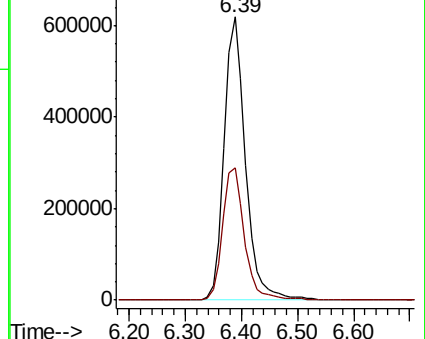
168 100

99 46.5 39.8 59.8



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: 1.59 min Scan# 6

Delta R.T. -0.01 min

Lab File: VD060375.D

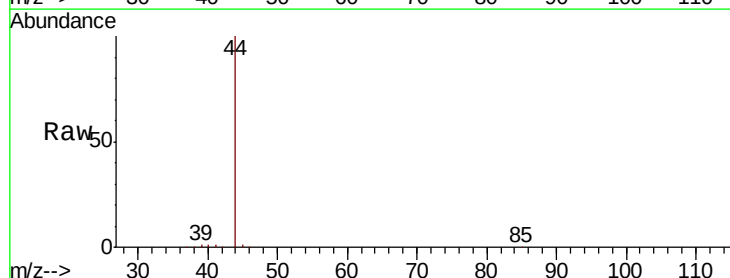
Acq: 14 Nov 2018 13:17

Tgt Ion: 85 Resp: 443

Ion Ratio Lower Upper

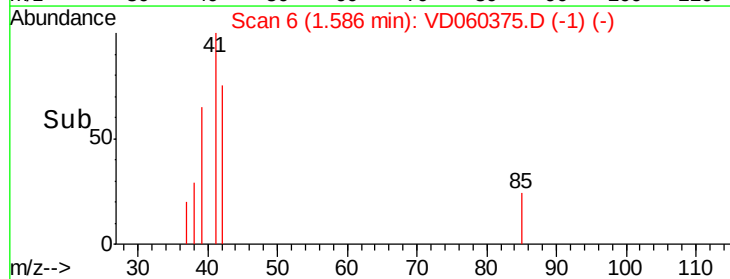
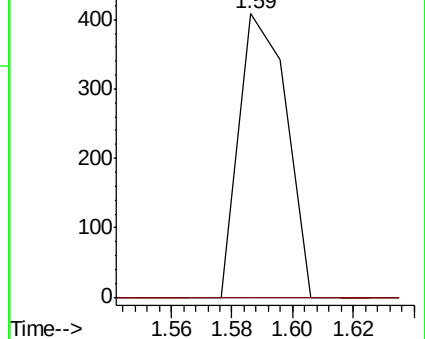
85 100

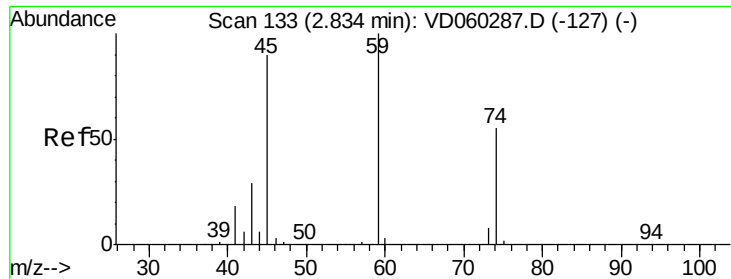
87 0.0 16.8 50.4#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#8

Diethyl Ether

Concen: 2.070 ug/l

RT: 2.82 min Scan# 131

Delta R.T. -0.02 min

Lab File: VD060375.D

Acq: 14 Nov 2018 13:17

Instrument :

MSVOA_D

ClientSampleId :

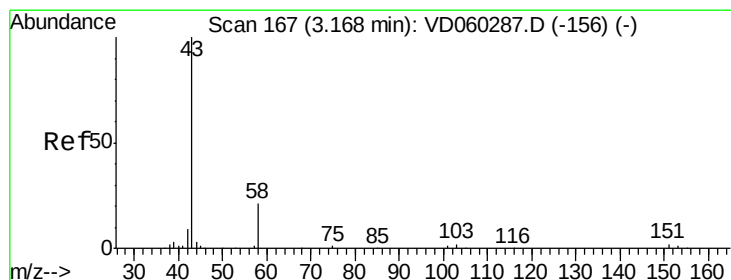
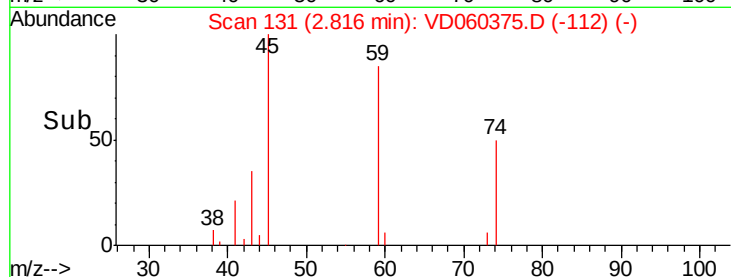
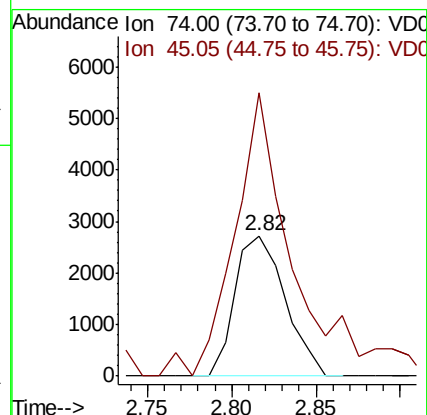
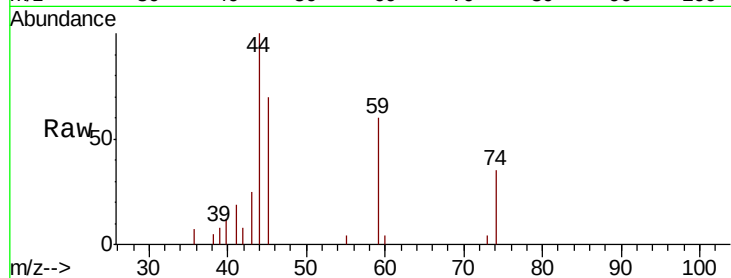
OR-01-111218-B

Tot Ion: 74 Resp: 5609

Ion Ratio Lower Upper

74 100

45 201.8 84.8 254.4



#16

Acetone

Concen: 33.966 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060375.D

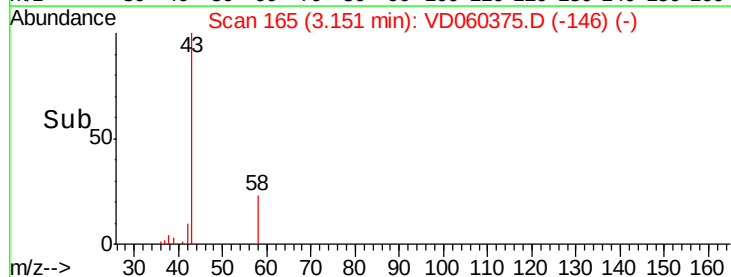
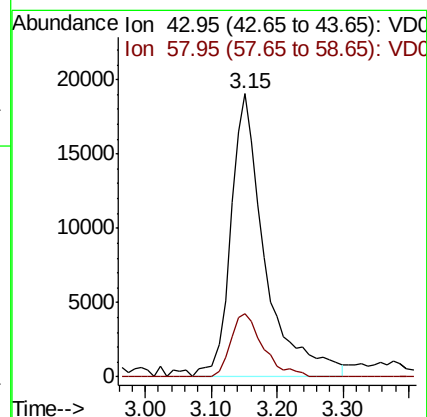
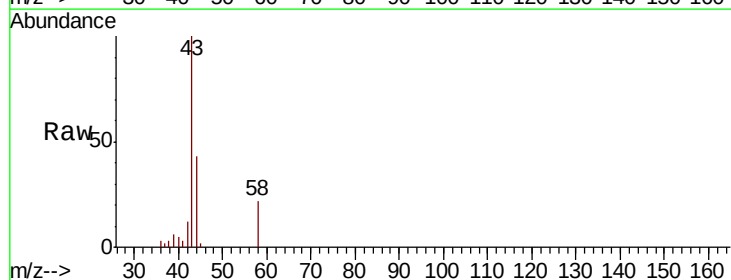
Acq: 14 Nov 2018 13:17

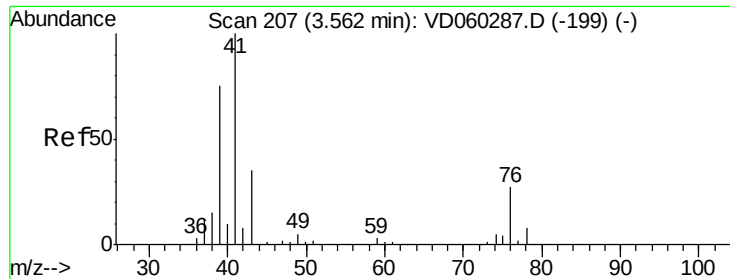
Tgt Ion: 43 Resp: 69214

Ion Ratio Lower Upper

43 100

58 22.3 16.9 25.3

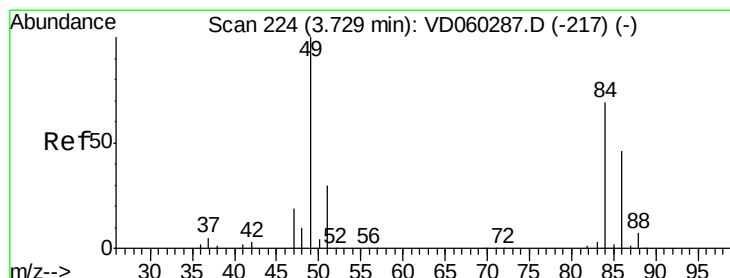
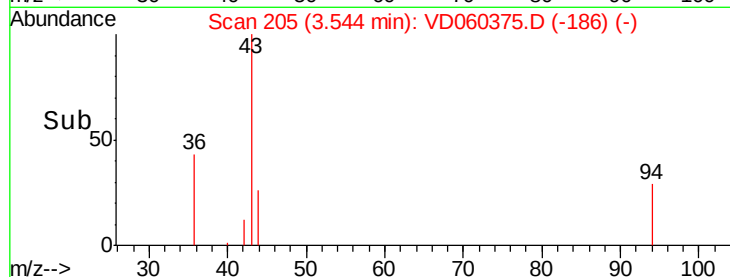
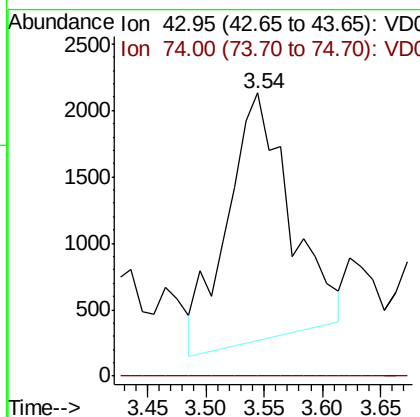
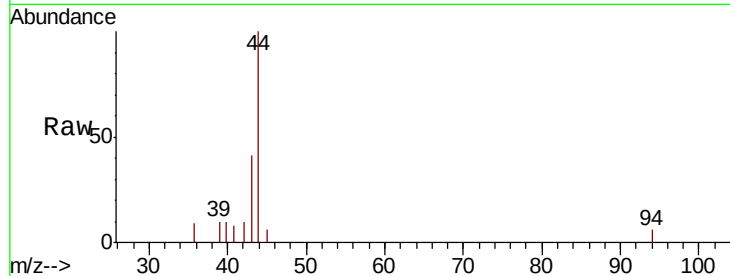




#18
Methyl Acetate
Concen: 1.610 ug/l
RT: 3.54 min Scan# 205
Delta R.T. -0.02 min
Lab File: VD060375.D
Acq: 14 Nov 2018 13:17

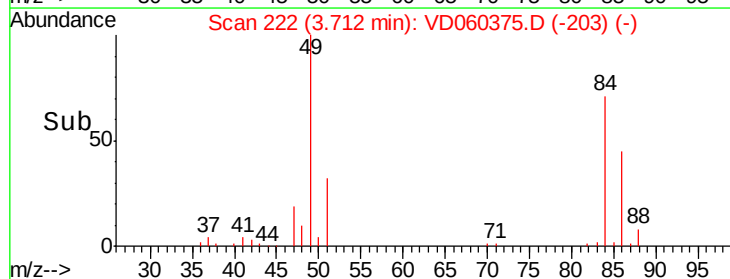
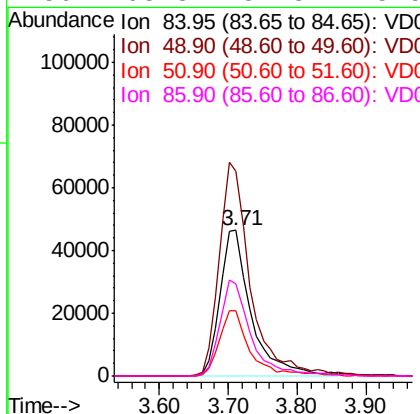
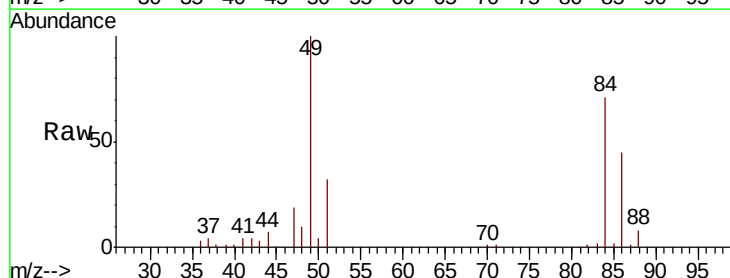
Instrument :
MSVOA_D
ClientSampleId :
OR-01-111218-B

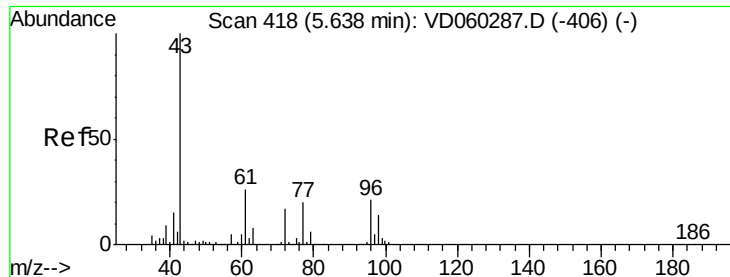
Tot Ion: 43 Resp: 6994
Ion Ratio Lower Upper
43 100
74 0.0 12.4 18.6#



#20
Methylene Chloride
Concen: 8.102 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD060375.D
Acq: 14 Nov 2018 13:17

Tgt Ion: 84 Resp: 146455
Ion Ratio Lower Upper
84 100
49 140.4 115.6 173.4
51 44.5 35.6 53.4
86 63.3 52.3 78.5





#25

2-Butanone

Concen: 1.907 ug/l

RT: 5.61 min Scan# 415

Delta R.T. -0.03 min

Lab File: VD060375.D

Acq: 14 Nov 2018 13:17

Instrument :

MSVOA_D

ClientSampleId :

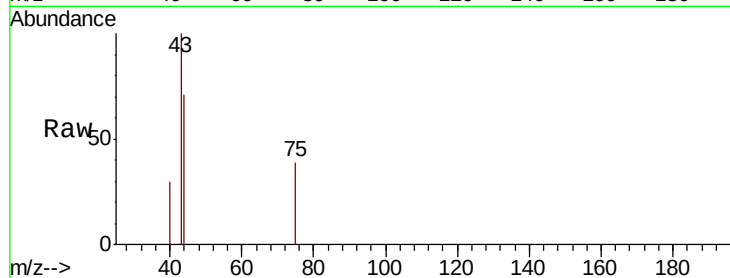
OR-01-111218-B

Tot Ion: 43 Resp: 8077

Ion Ratio Lower Upper

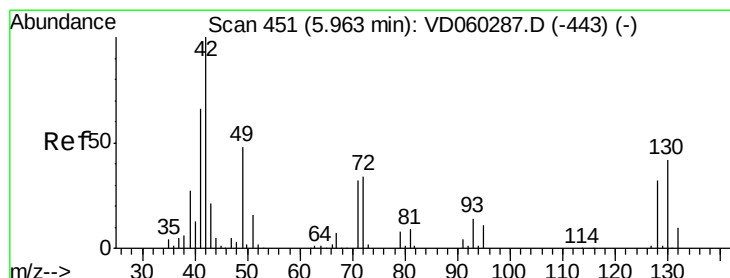
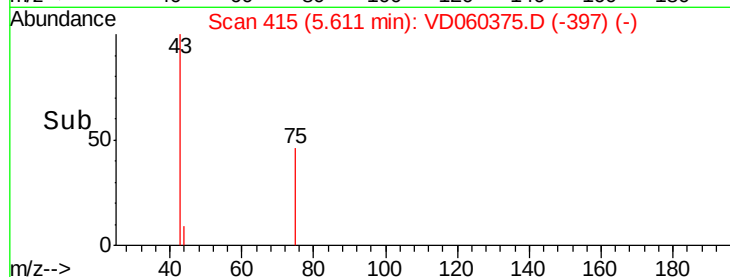
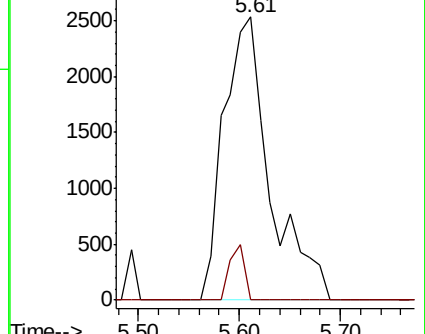
43 100

72 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 1.406 ug/l

RT: 5.93 min Scan# 447

Delta R.T. -0.04 min

Lab File: VD060375.D

Acq: 14 Nov 2018 13:17

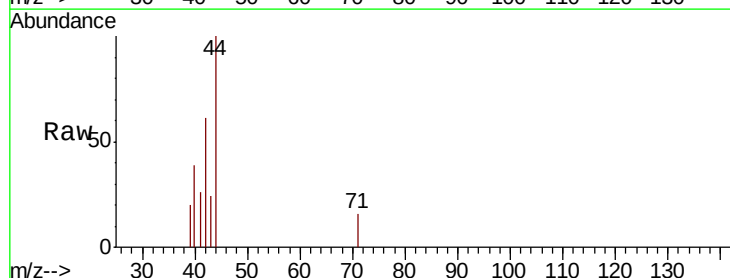
Tgt Ion: 42 Resp: 3140

Ion Ratio Lower Upper

42 100

72 6.9 27.6 41.4#

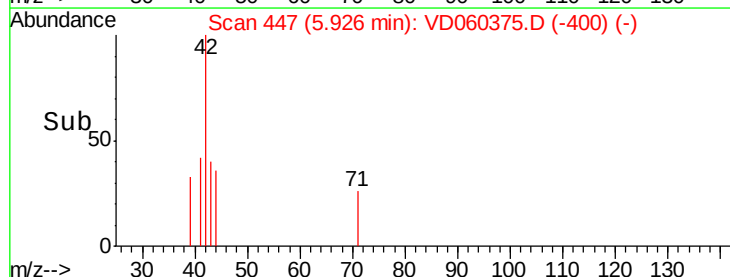
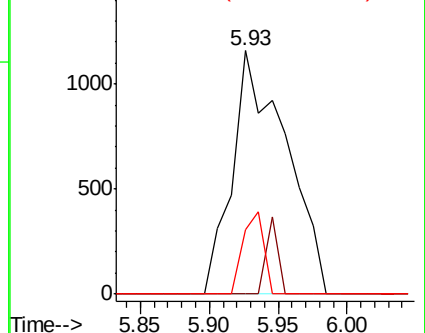
71 13.1 26.5 39.7#

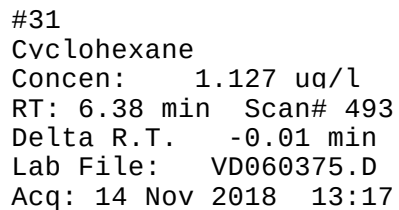


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

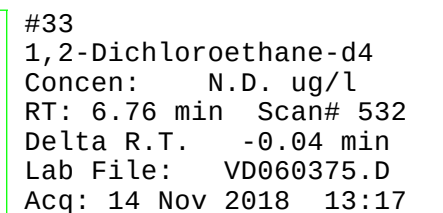
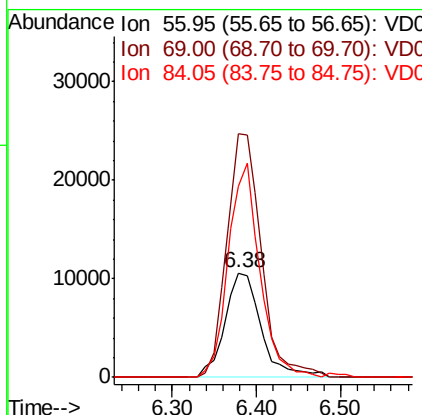
Ion 71.00 (70.70 to 71.70): VDC



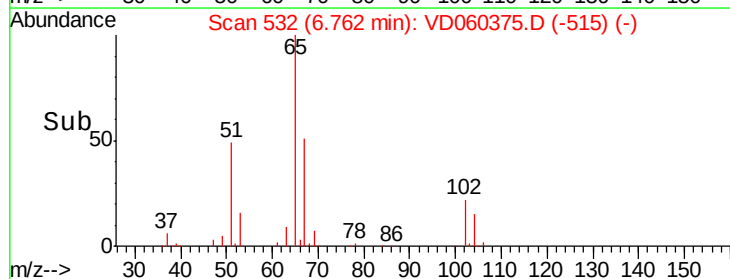
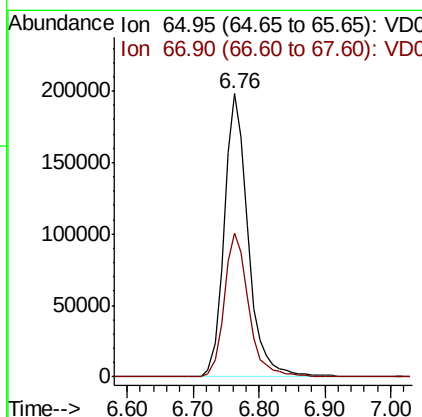


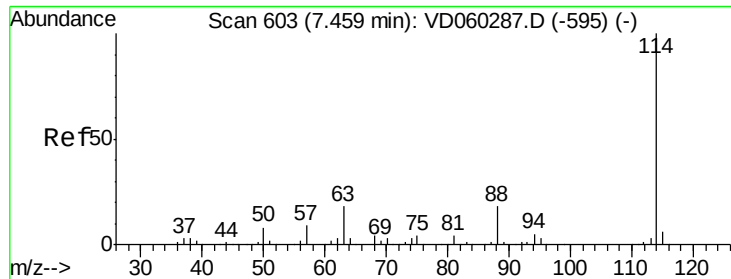
Instrument :
MSVOA_D
ClientSampleId :
OR-01-111218-B

Tot	Ion: 56	Resp:	31614
Ion	Ratio	Lower	Upper
56	100		
69	232.9	22.2	33.2#
84	183.4	63.0	94.4#



Tgt	Ion: 65	Resp:	502160
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	109.8

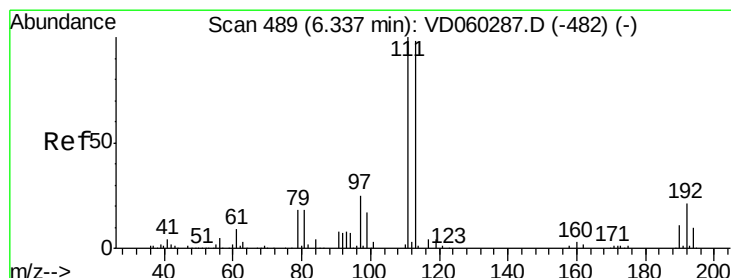
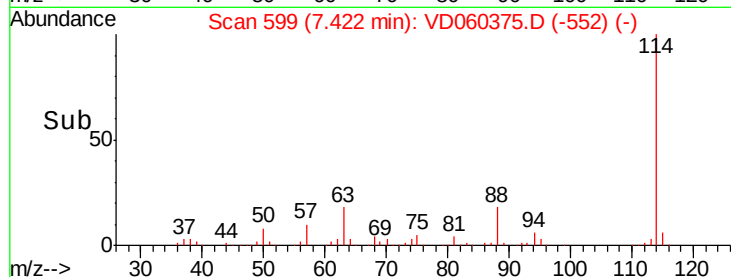
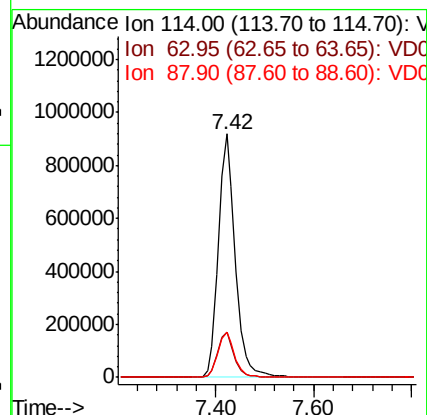
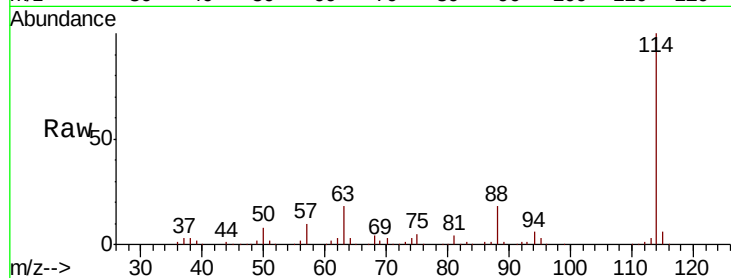




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.04 min
 Lab File: VD060375.D
 Acq: 14 Nov 2018 13:17

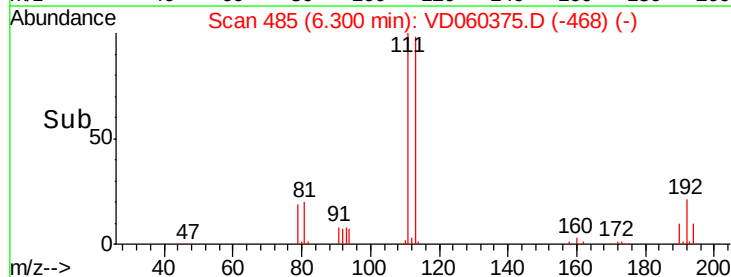
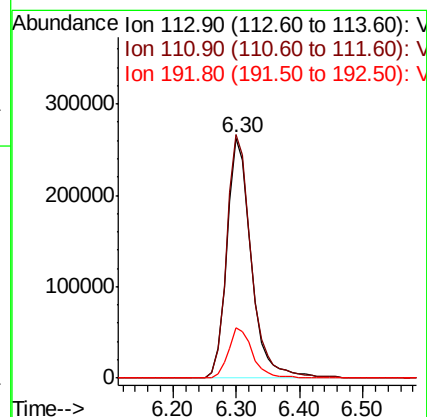
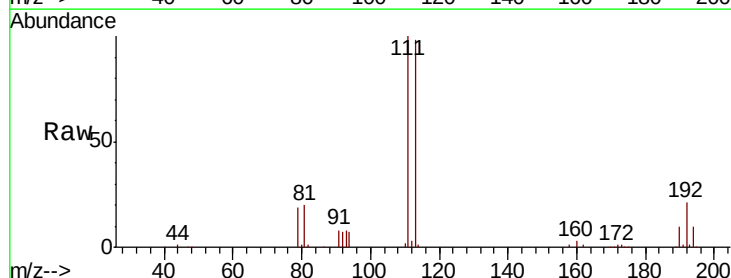
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-111218-B

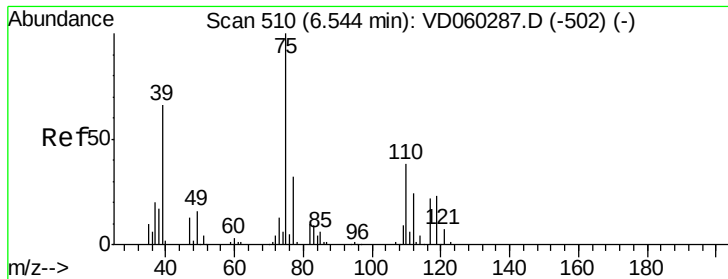
Tot Ion:114 Resp: 2212680
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.0
 88 18.4 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.04 min
 Lab File: VD060375.D
 Acq: 14 Nov 2018 13:17

Tgt Ion:113 Resp: 704938
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.6 122.4
 192 21.1 16.5 24.7

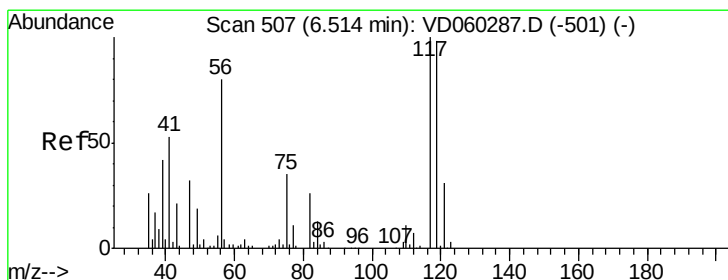
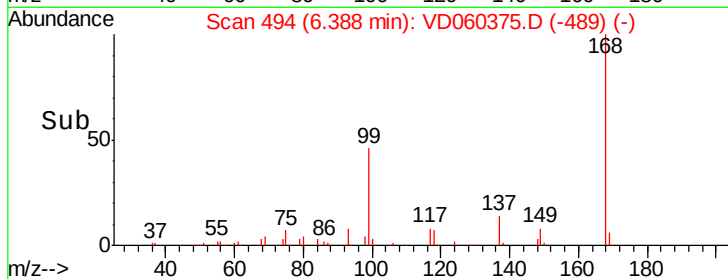
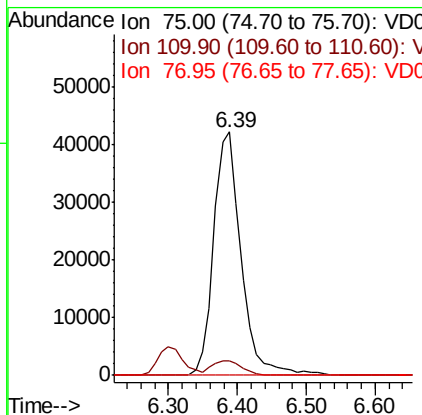
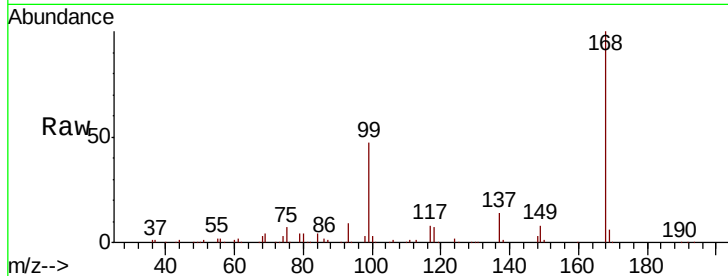




#36
 1,1-Dichloropropene
 Concen: 5.343 ug/l
 RT: 6.39 min Scan# 494
 Delta R.T. -0.16 min
 Lab File: VD060375.D
 Acq: 14 Nov 2018 13:17

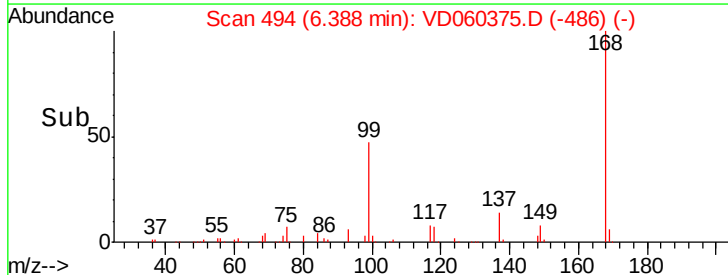
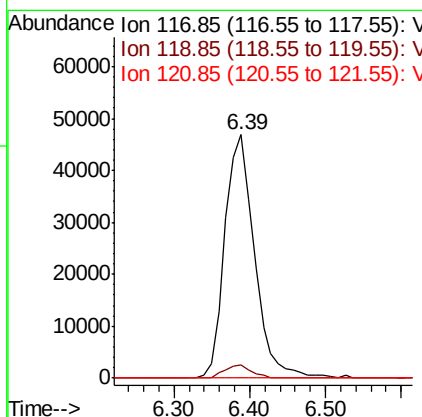
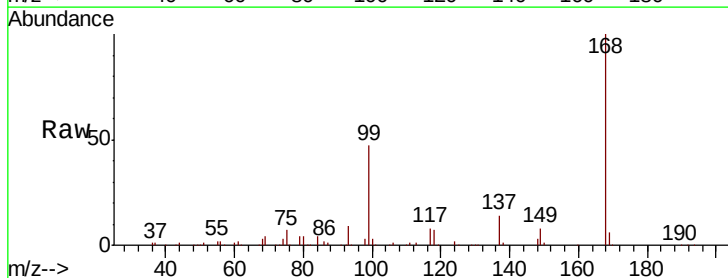
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-111218-B

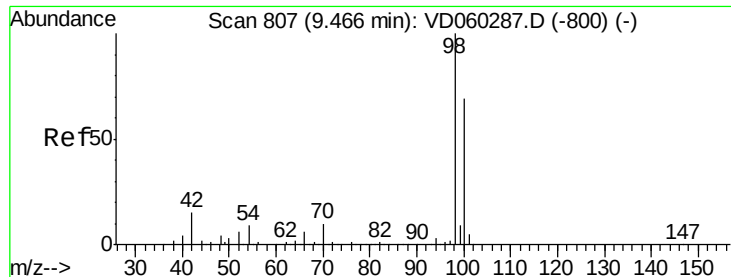
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.2	18.0	54.0#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.282 ug/l
 RT: 6.39 min Scan# 494
 Delta R.T. -0.13 min
 Lab File: VD060375.D
 Acq: 14 Nov 2018 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.6	115.0#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.43 min Scan# 803

Delta R.T. -0.04 min

Lab File: VD060375.D

Acq: 14 Nov 2018 13:17

Instrument :

MSVOA_D

ClientSampleId :

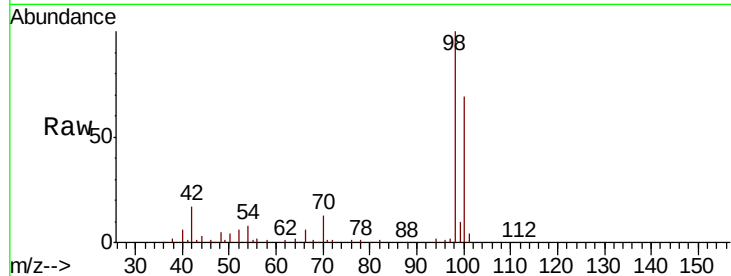
OR-01-111218-B

Tot Ion: 98 Resp: 245374

Ion Ratio Lower Upper

98 100

100 69.1 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

9.43

120000

100000

80000

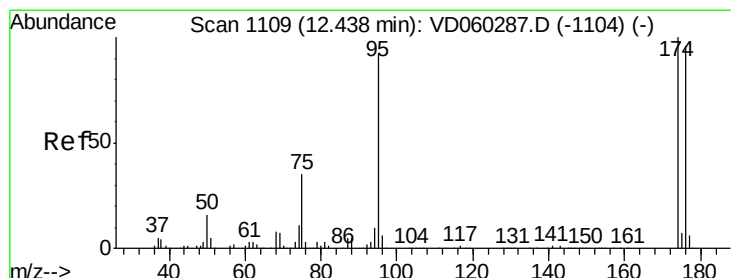
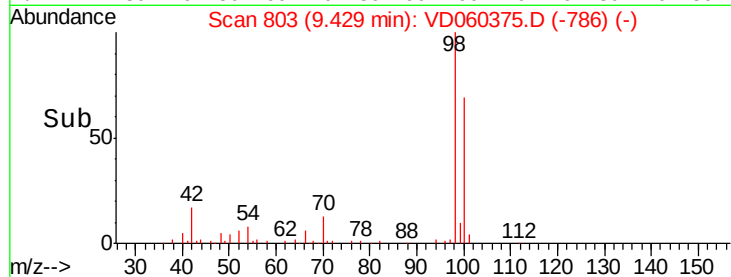
60000

40000

20000

0

Time--> 9.30 9.40 9.50 9.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060375.D

Acq: 14 Nov 2018 13:17

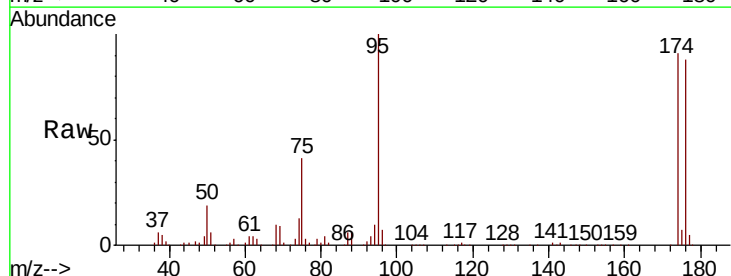
Tgt Ion: 95 Resp: 610221

Ion Ratio Lower Upper

95 100

174 91.3 0.0 160.8

176 87.7 0.0 154.6



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

600000

500000

400000

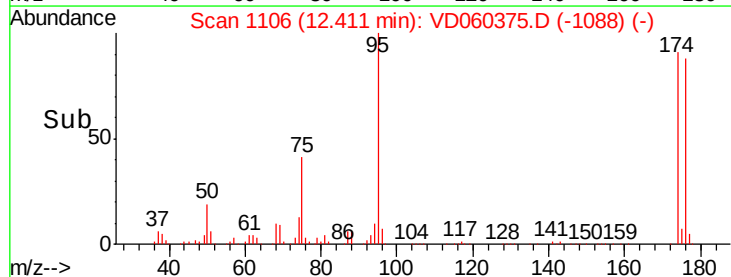
300000

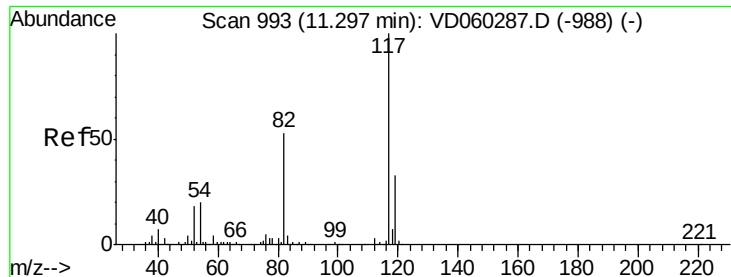
200000

100000

0

Time--> 12.30 12.40 12.50

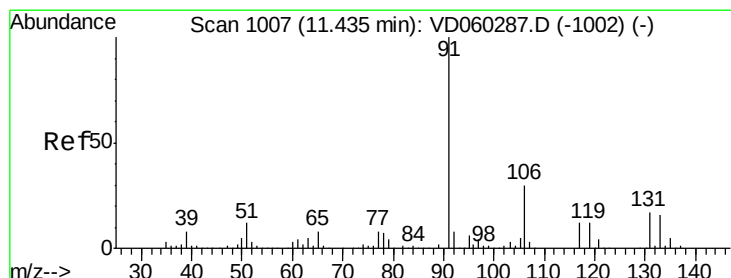
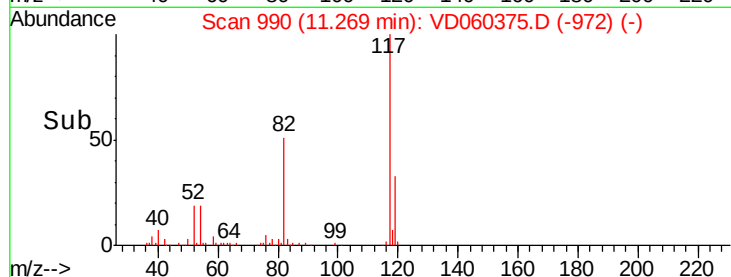
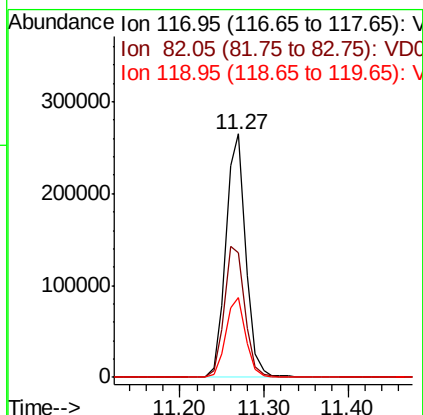
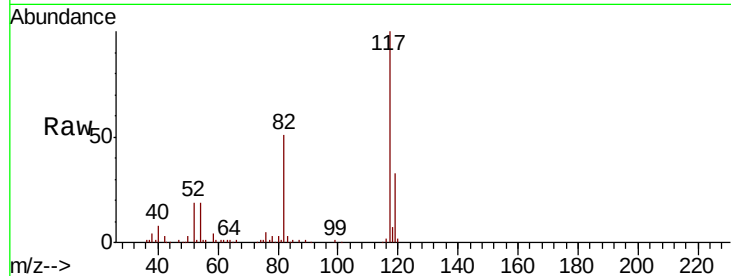




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060375.D
Acq: 14 Nov 2018 13:17

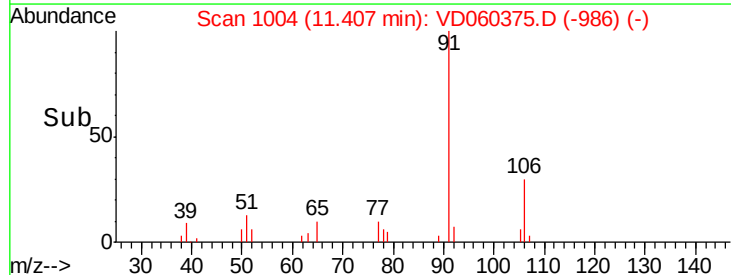
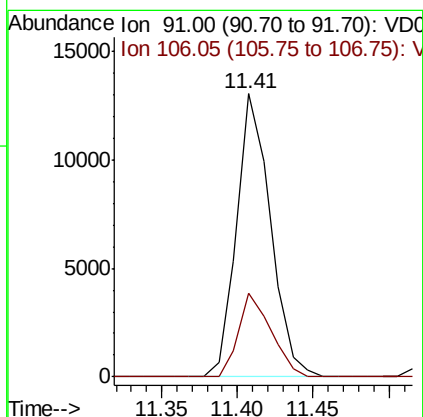
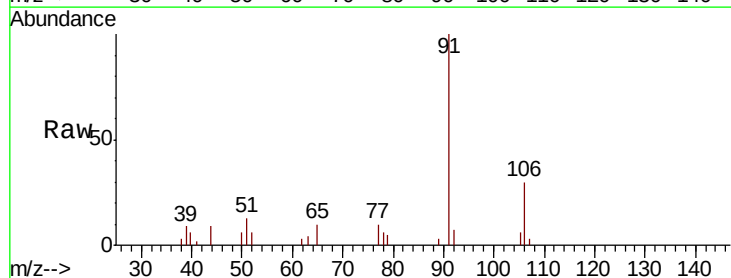
Instrument :
MSVOA_D
ClientSampleId :
OR-01-111218-B

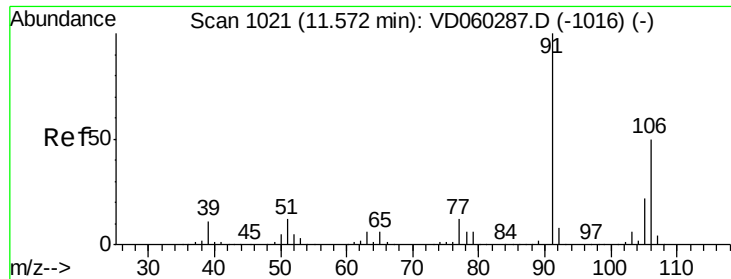
Tot Ion:117 Resp: 434411
Ion Ratio Lower Upper
117 100
82 50.9 43.7 65.5
119 32.9 26.1 39.1



#67
Ethyl Benzene
Concen: 1.261 ug/l
RT: 11.41 min Scan# 1004
Delta R.T. -0.03 min
Lab File: VD060375.D
Acq: 14 Nov 2018 13:17

Tgt Ion: 91 Resp: 20298
Ion Ratio Lower Upper
91 100
106 29.7 24.6 36.8

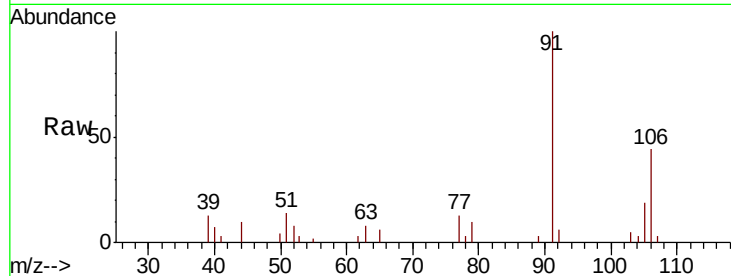




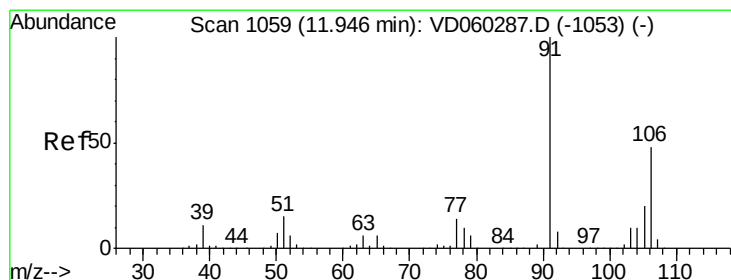
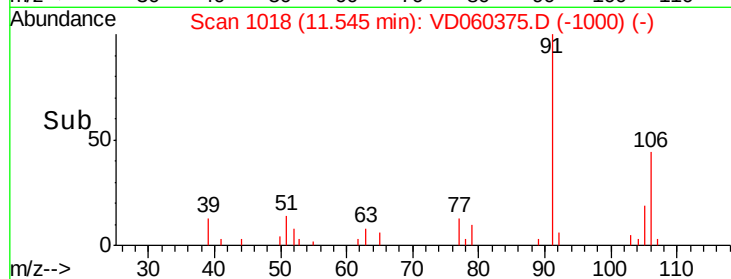
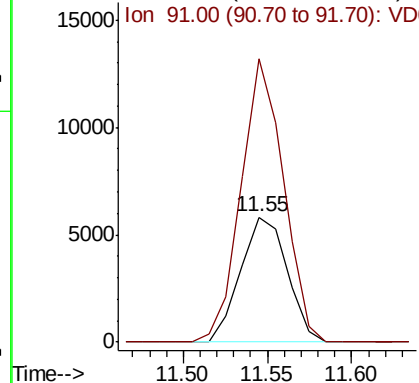
#68
m/p-Xylenes
Concen: 1.878 ug/l
RT: 11.55 min Scan# 1018
Delta R.T. -0.03 min
Lab File: VD060375.D
Acq: 14 Nov 2018 13:17

Instrument :
MSVOA_D
ClientSampleId :
OR-01-111218-B

Tot Ion:106 Resp: 11153
Ion Ratio Lower Upper
106 100
91 226.3 159.4 239.2

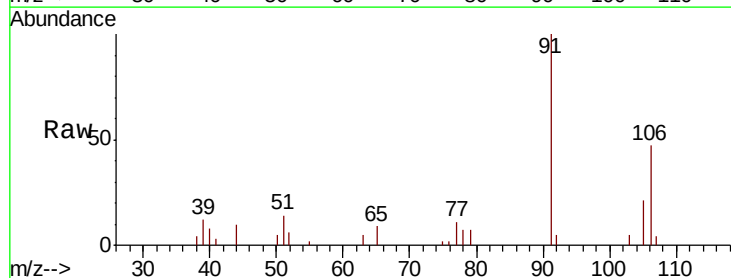


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

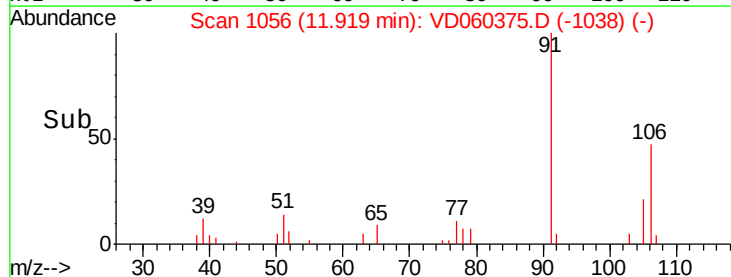
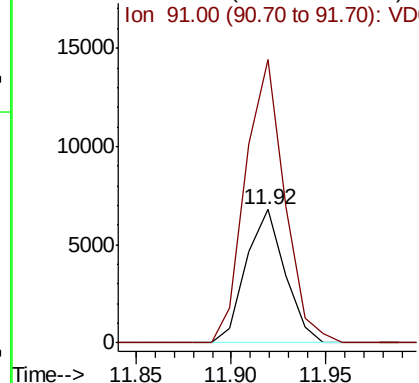


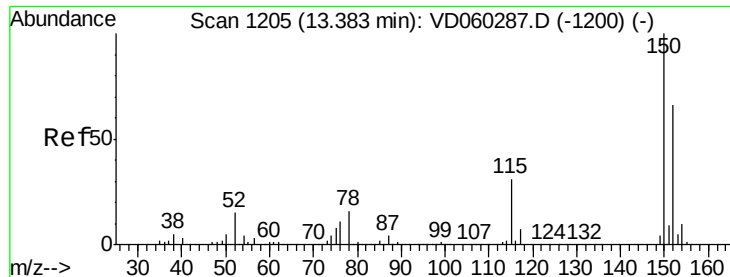
#69
o-Xylene
Concen: 1.687 ug/l
RT: 11.92 min Scan# 1056
Delta R.T. -0.03 min
Lab File: VD060375.D
Acq: 14 Nov 2018 13:17

Tgt Ion:106 Resp: 9681
Ion Ratio Lower Upper
106 100
91 212.0 109.2 327.6



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.36 min Scan# 1202

Delta R.T. -0.03 min

Lab File: VD060375.D

Acq: 14 Nov 2018 13:17

Instrument :

MSVOA_D

ClientSampleId :

OR-01-111218-B

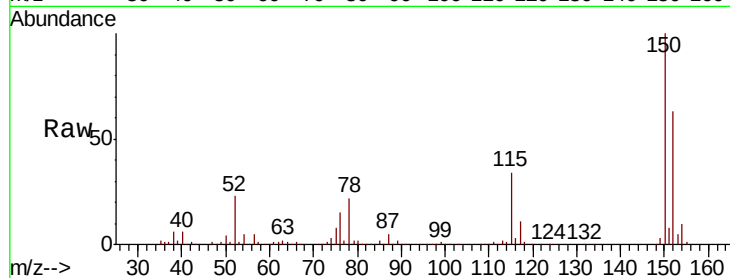
Tot Ion:152 Resp: 711488

Ion Ratio Lower Upper

152 100

115 54.6 24.1 72.3

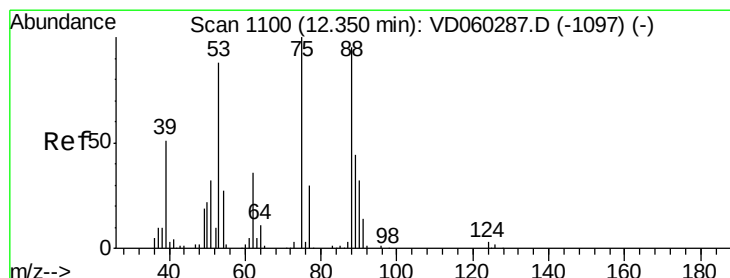
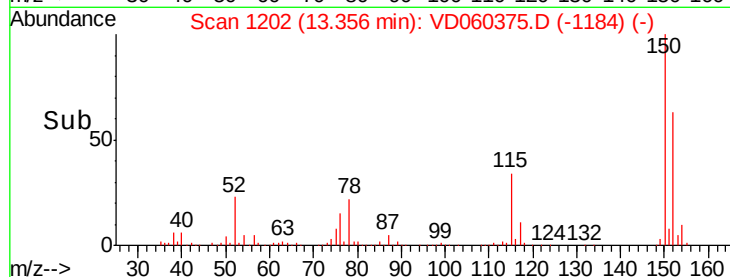
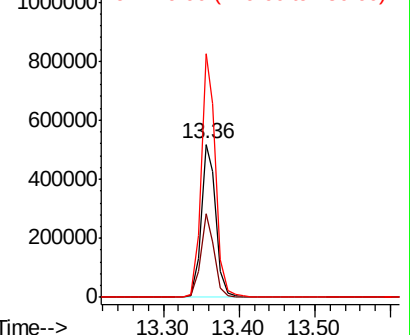
150 158.8 0.0 310.6



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: 104.431 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. 0.06 min

Lab File: VD060375.D

Acq: 14 Nov 2018 13:17

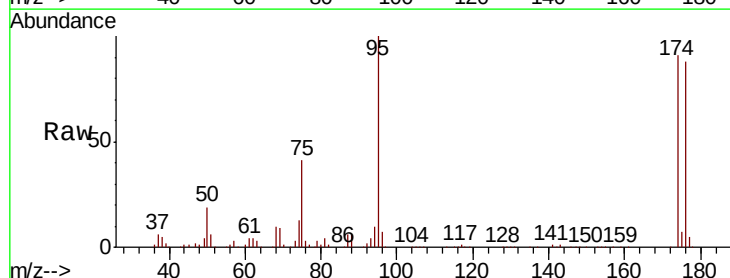
Tgt Ion: 75 Resp: 253045

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#



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

