

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111418\
 Data File : VD060376.D
 Acq On : 14 Nov 2018 13:45
 Operator : JC/SY
 Sample : J5925-01
 Misc : 16.05g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1S1

Quant Time: Nov 14 16:03:46 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	6.38	168	1216352	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	1820172	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.26	117	1262772	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	578582	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	458582	52.65	ug/l	-0.04
Spiked Amount			Recovery	=	105.30%	
35) Dibromofluoromethane	6.30	113	590596	43.51	ug/l	-0.03
Spiked Amount			Recovery	=	87.02%	
50) Toluene-d8	9.43	98	1243502	31.30	ug/l	-0.03
Spiked Amount			Recovery	=	62.60%	
62) 4-Bromofluorobenzene	12.42	95	456976	31.75	ug/l	-0.02
Spiked Amount			Recovery	=	63.50%	

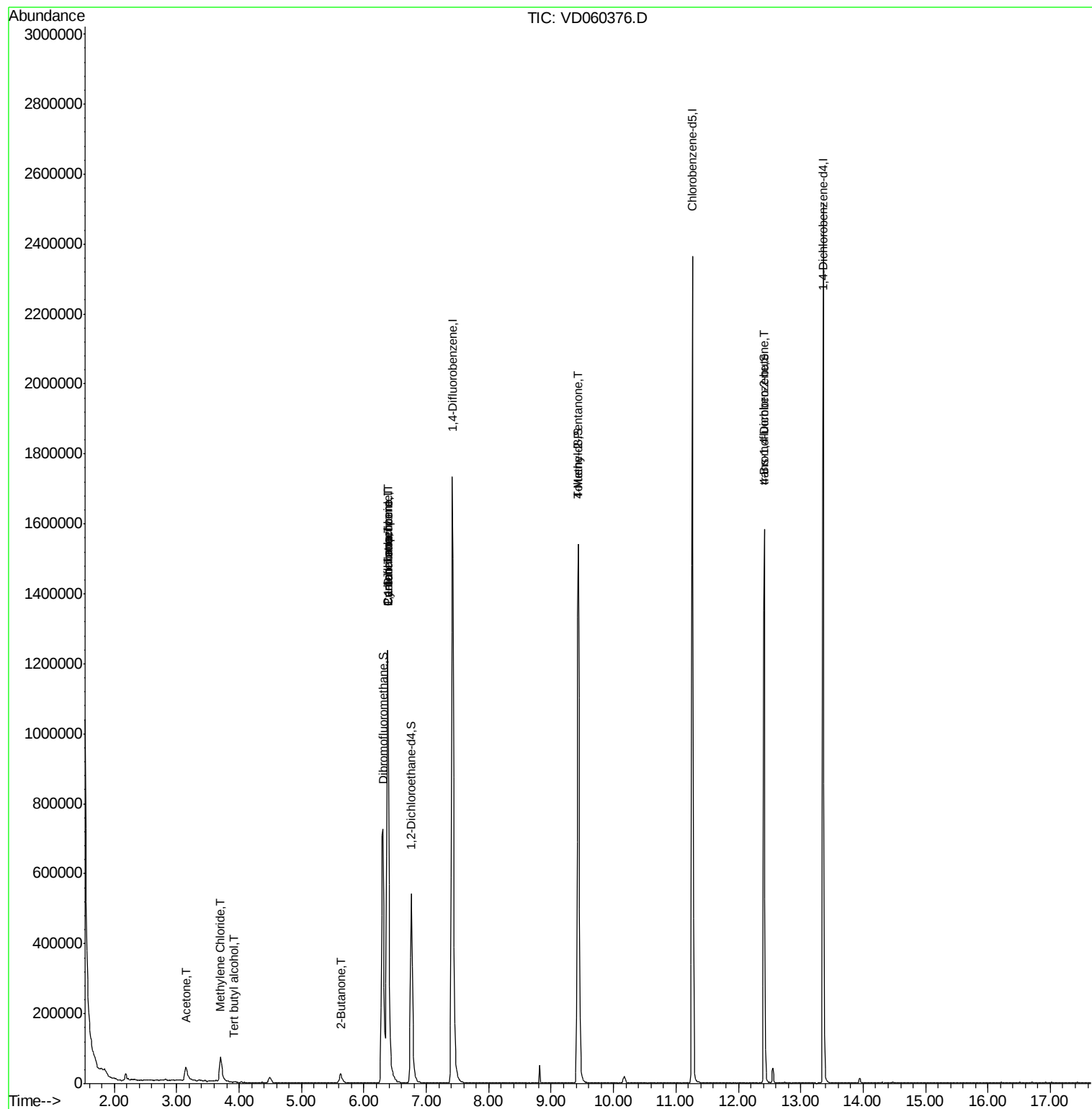
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	188	Below Cal	#	41
11) Tert butyl alcohol	3.92	59	557	1.557	ug/l #	70
16) Acetone	3.15	43	94935	62.841	ug/l	96
20) Methylene Chloride	3.70	84	47005	3.508	ug/l	98
25) 2-Butanone	5.62	43	3449	1.098	ug/l #	60
31) Cyclohexane	6.38	56	22437	1.079	ug/l #	1
36) 1,1-Dichloropropene	6.38	75	86061	4.786	ug/l #	47
38) Carbon Tetrachloride	6.38	117	92054	5.518	ug/l #	15
51) 4-Methyl-2-Pentanone	9.42	43	7106	1.050	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.41	75	195432	99.181	ug/l #	15
89) n-Butylbenzene	13.64	91	440	Below Cal	#	29

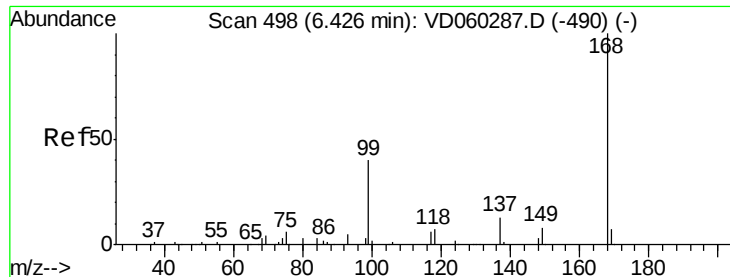
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111418\
Data File : VD060376.D
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Quant Time: Nov 14 16:03:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
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: 6.38 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060376.D

Acq: 14 Nov 2018 13:45

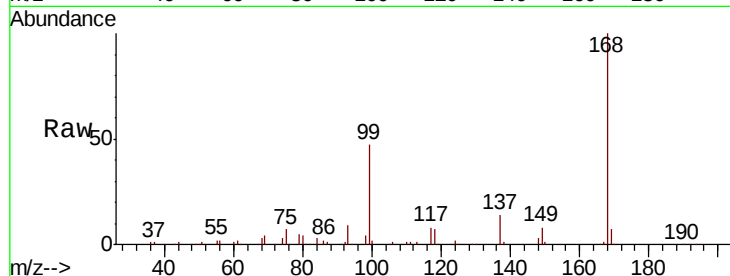
Instrument :
MSVOA_D
ClientSampleId :
TP-1S1

Tot Ion:168 Resp: 1216352

Ion Ratio Lower Upper

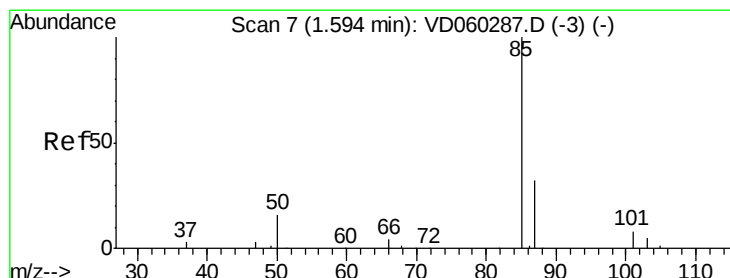
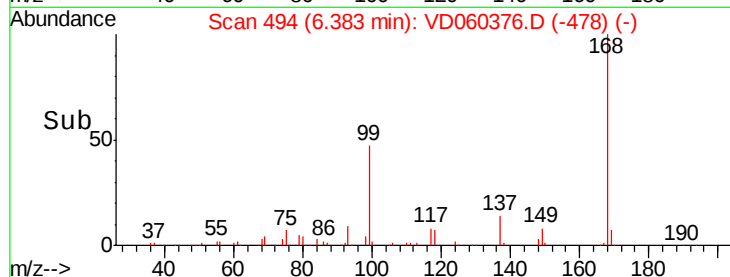
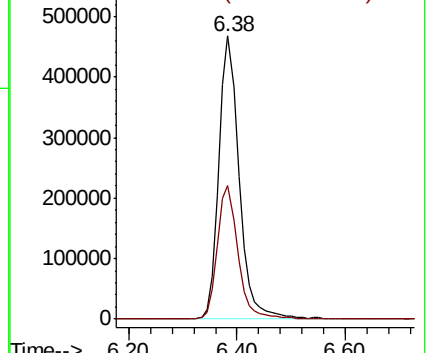
168 100

99 47.4 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# 7

Delta R.T. -0.00 min

Lab File: VD060376.D

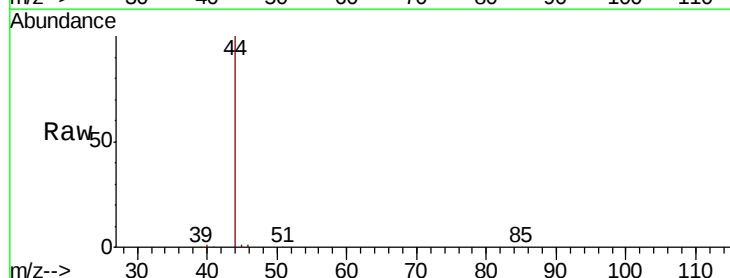
Acq: 14 Nov 2018 13:45

Tgt Ion: 85 Resp: 188

Ion Ratio Lower Upper

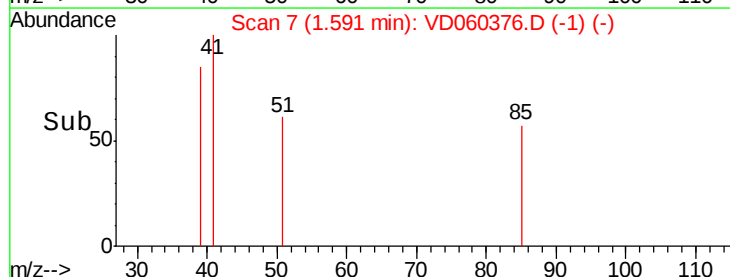
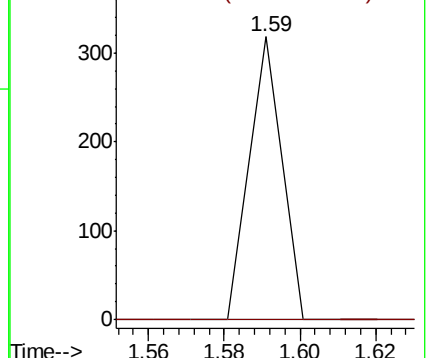
85 100

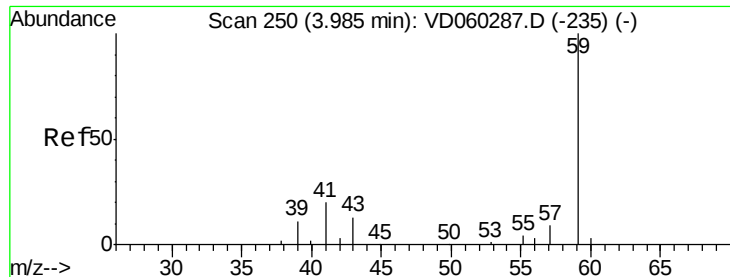
87 0.0 16.8 50.4#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC



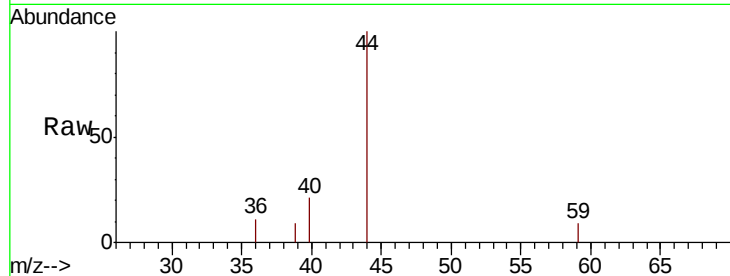


#11

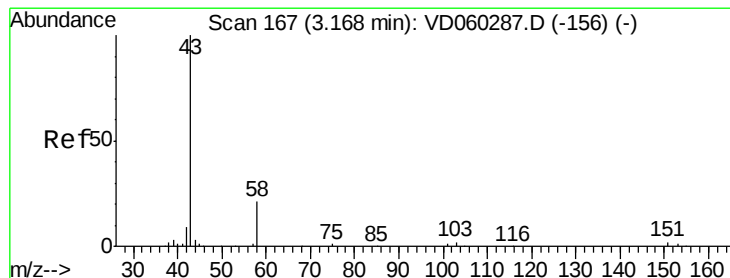
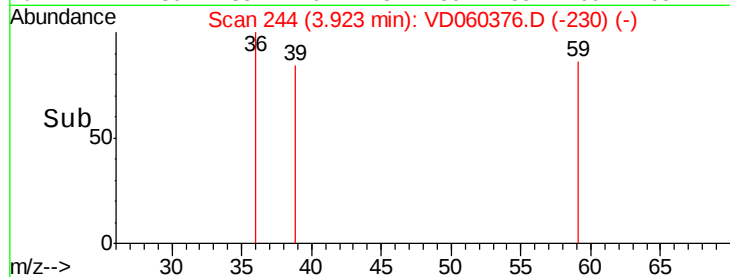
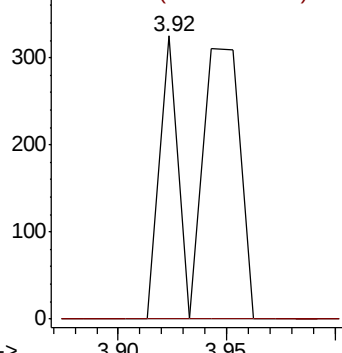
Tert butyl alcohol
 Concen: 1.557 ug/l
 RT: 3.92 min Scan# 244
 Delta R.T. -0.06 min
 Lab File: VD060376.D
 Acq: 14 Nov 2018 13:45

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1S1

Tot Ion: 59 Resp: 557
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#



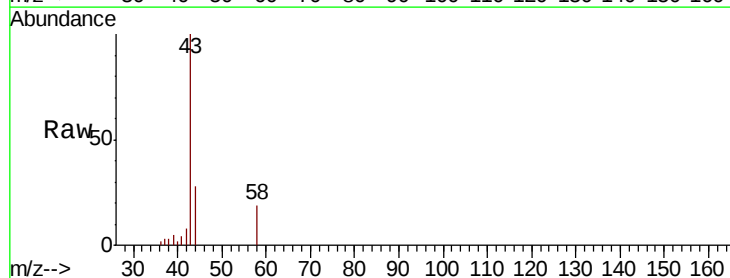
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



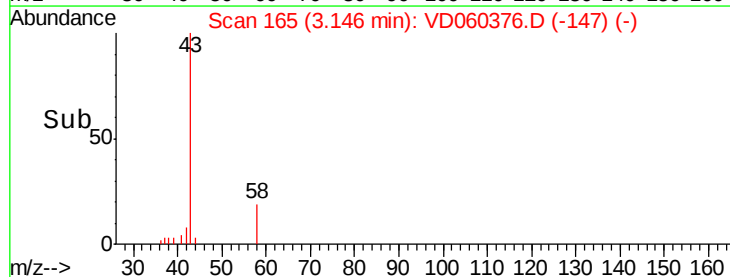
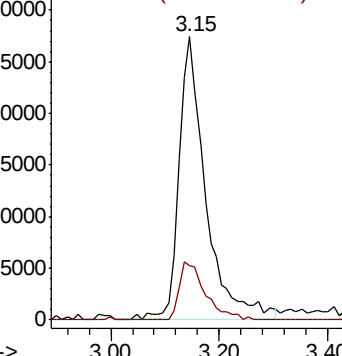
#16

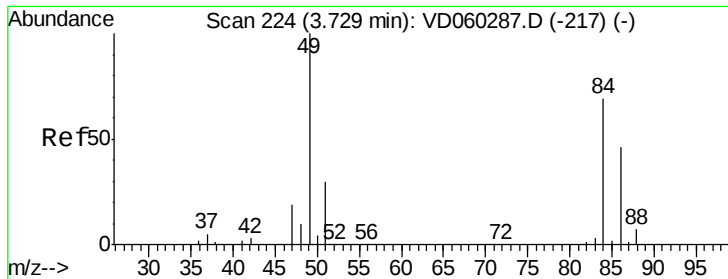
Acetone
 Concen: 62.841 ug/l
 RT: 3.15 min Scan# 165
 Delta R.T. -0.02 min
 Lab File: VD060376.D
 Acq: 14 Nov 2018 13:45

Tgt Ion: 43 Resp: 94935
 Ion Ratio Lower Upper
 43 100
 58 19.2 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC

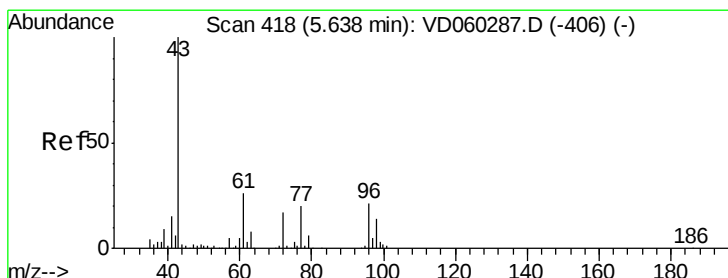
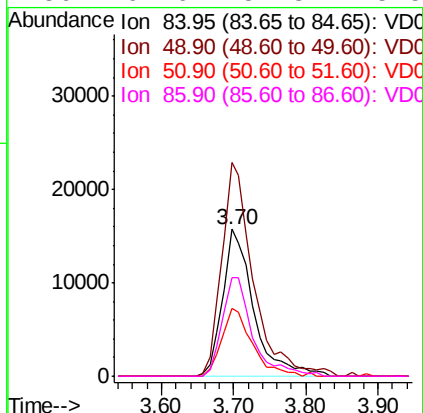
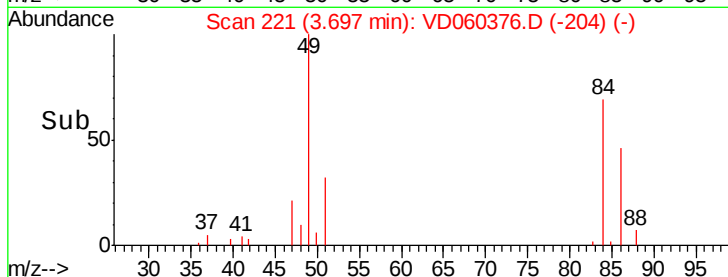
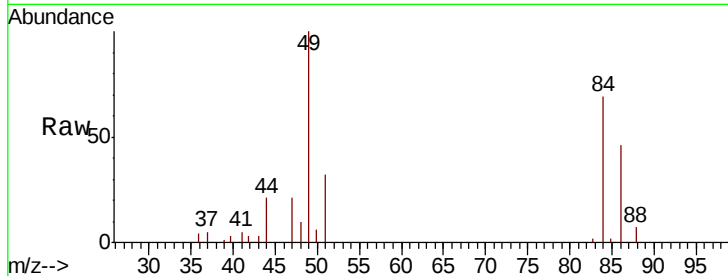




#20
Methvlene Chloride
Concen: 3.508 ug/l
RT: 3.70 min Scan# 221
Delta R.T. -0.03 min
Lab File: VD060376.D
Acq: 14 Nov 2018 13:45

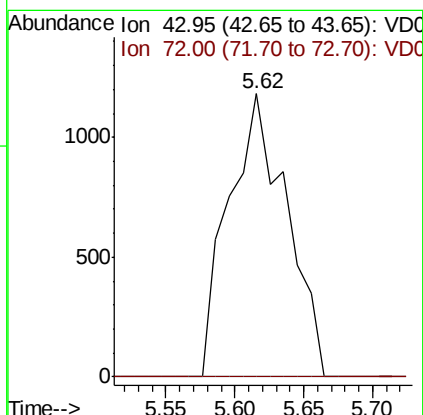
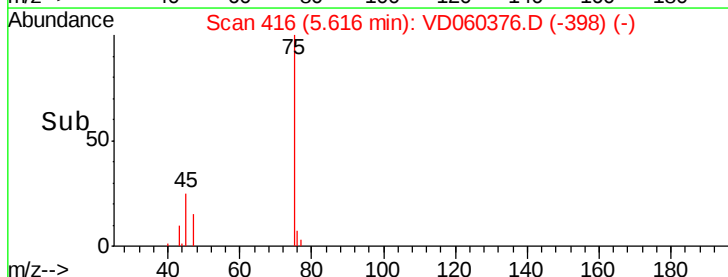
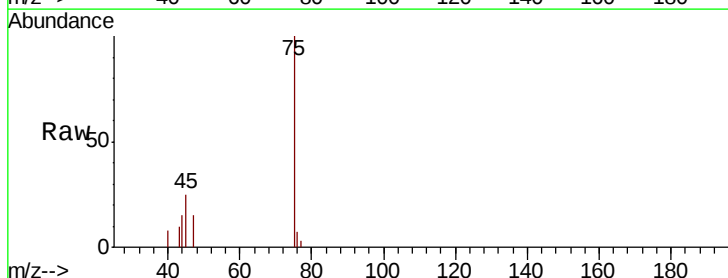
Instrument :
MSVOA_D
ClientSampleId :
TP-1S1

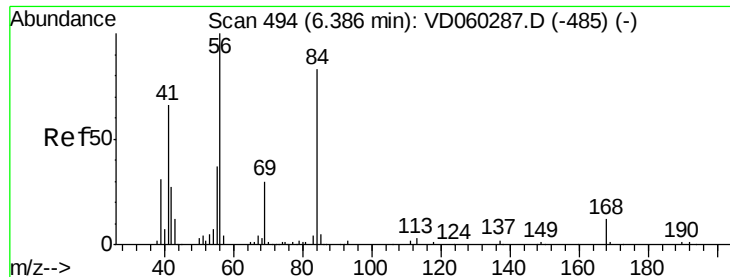
Tot Ion: 84 Resp: 47005
Ion Ratio Lower Upper
84 100
49 145.5 115.6 173.4
51 46.0 35.6 53.4
86 67.6 52.3 78.5



#25
2-Butanone
Concen: 1.098 ug/l
RT: 5.62 min Scan# 416
Delta R.T. -0.02 min
Lab File: VD060376.D
Acq: 14 Nov 2018 13:45

Tgt Ion: 43 Resp: 3449
Ion Ratio Lower Upper
43 100
72 0.0 13.8 20.8#

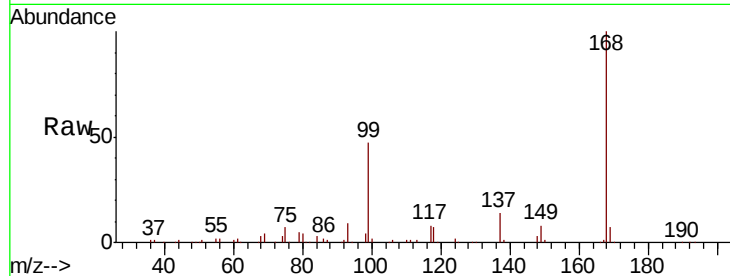




#31
Cyclohexane
Concen: 1.079 ug/l
RT: 6.38 min Scan# 494
Delta R.T. -0.00 min
Lab File: VD060376.D
Acq: 14 Nov 2018 13:45

Instrument :
MSVOA_D
ClientSampleId :
TP-1S1

Tot Ion	Ratio	Lower	Upper
56	100		
69	234.9	22.2	33.2#
84	189.1	63.0	94.4#

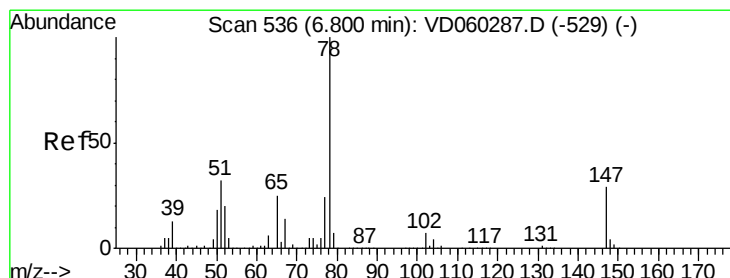
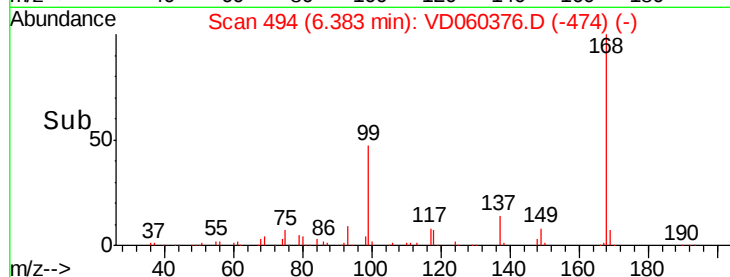
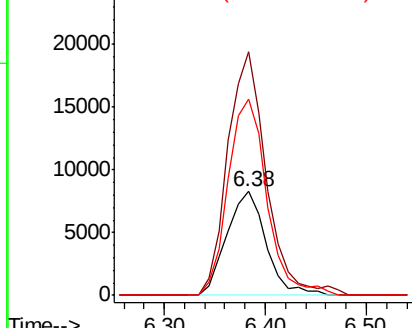


Abundance

Ion 55.95 (55.65 to 56.65): VDC

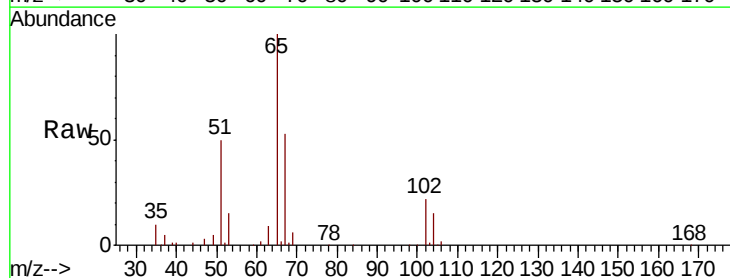
Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. -0.04 min
Lab File: VD060376.D
Acq: 14 Nov 2018 13:45

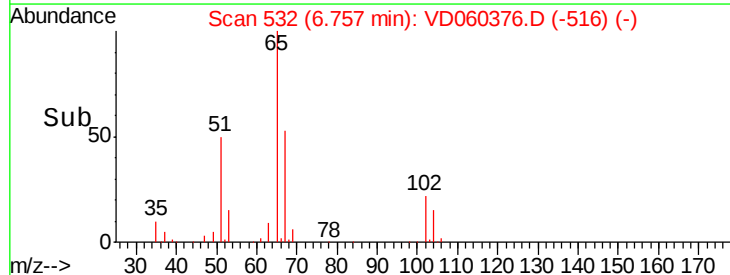
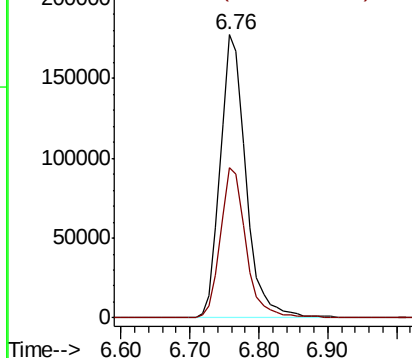
Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	109.8

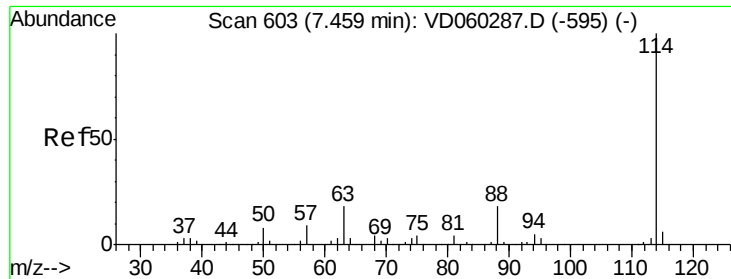


Abundance

Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

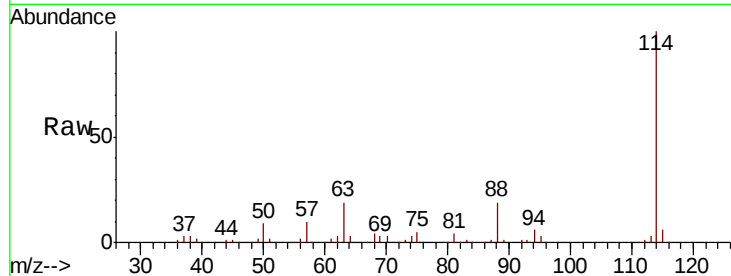




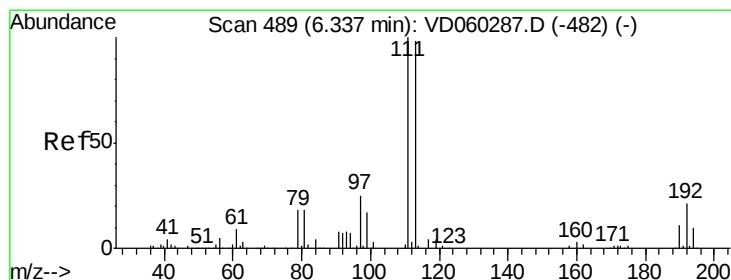
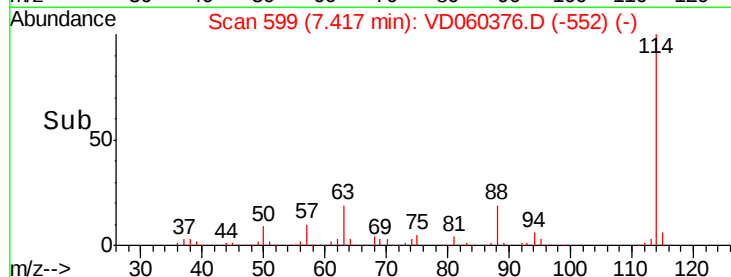
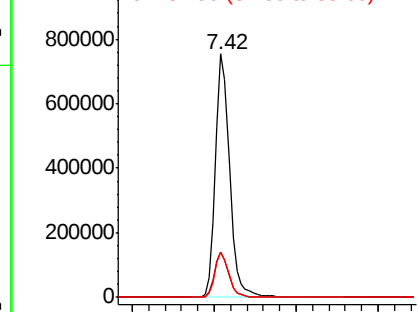
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.04 min
 Lab File: VD060376.D
 Acq: 14 Nov 2018 13:45

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1S1

Tot Ion:114 Resp: 1820172
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.0
 88 18.8 0.0 35.4

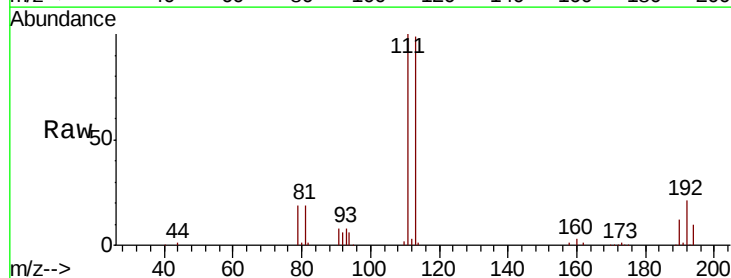


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

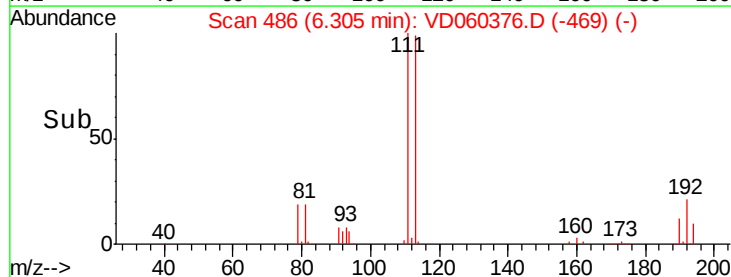
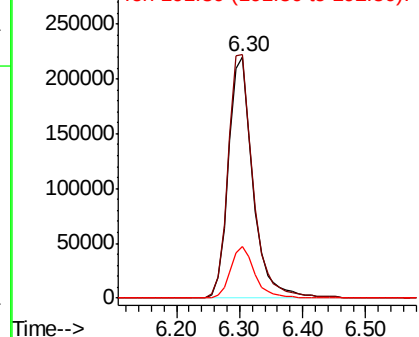


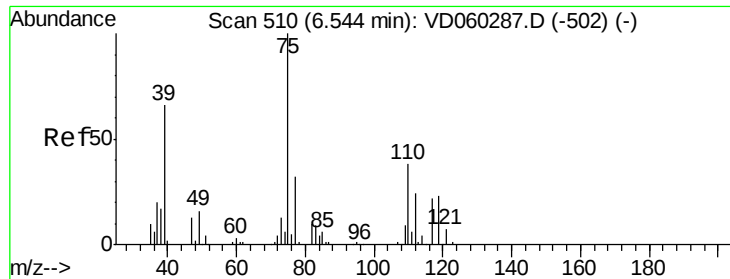
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: VD060376.D
 Acq: 14 Nov 2018 13:45

Tgt Ion:113 Resp: 590596
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.6 122.4
 192 21.3 16.5 24.7



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

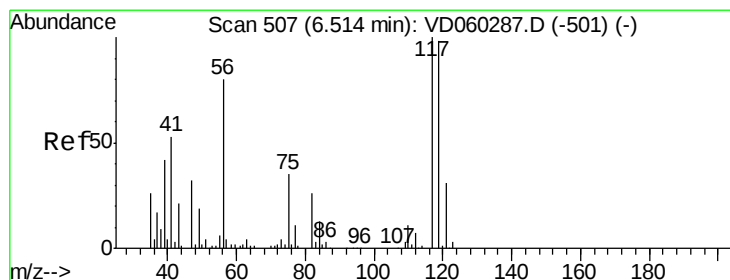
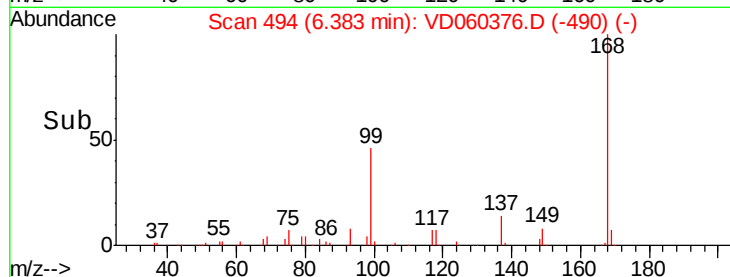
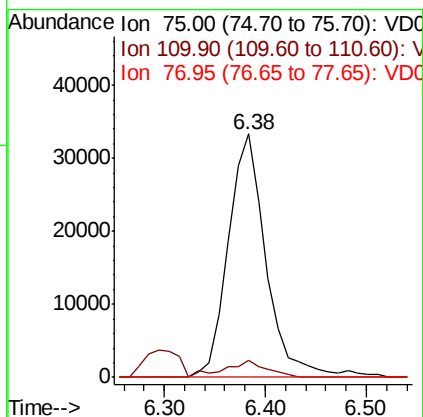
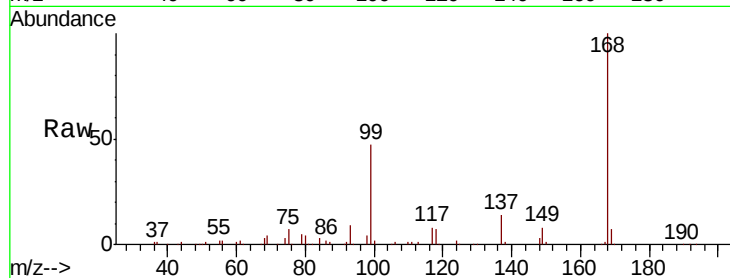




#36
 1,1-Dichloropropene
 Concen: 4.786 ug/l
 RT: 6.38 min Scan# 494
 Delta R.T. -0.16 min
 Lab File: VD060376.D
 Acq: 14 Nov 2018 13:45

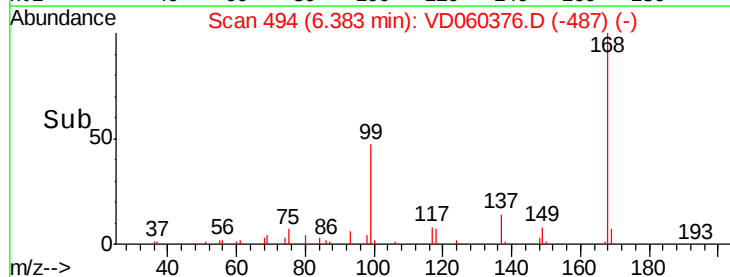
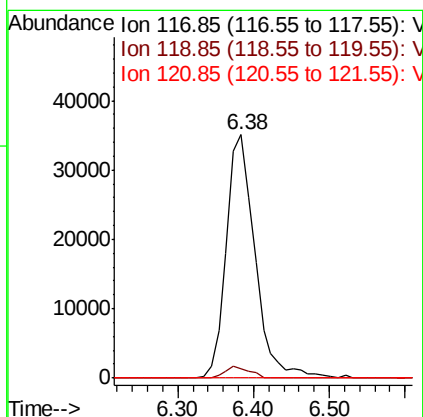
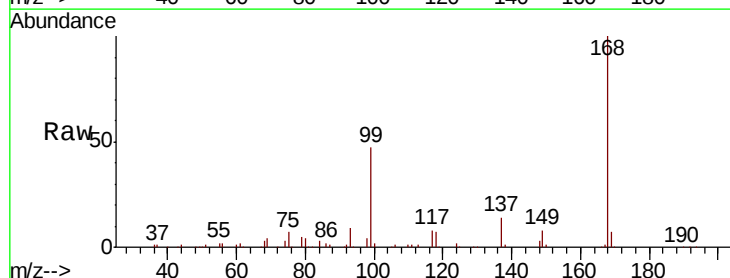
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1S1

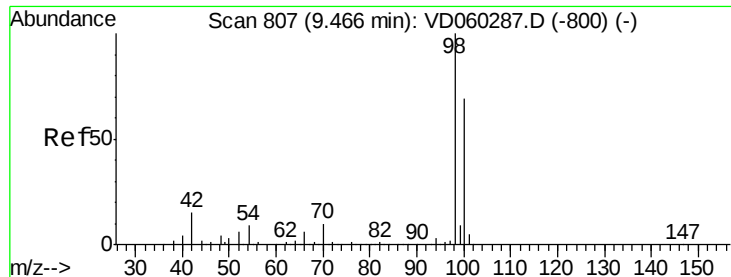
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.1	18.0	54.0#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 5.518 ug/l
 RT: 6.38 min Scan# 494
 Delta R.T. -0.13 min
 Lab File: VD060376.D
 Acq: 14 Nov 2018 13:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.6	115.0#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.43 min Scan# 804

Delta R.T. -0.03 min

Lab File: VD060376.D

Acq: 14 Nov 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

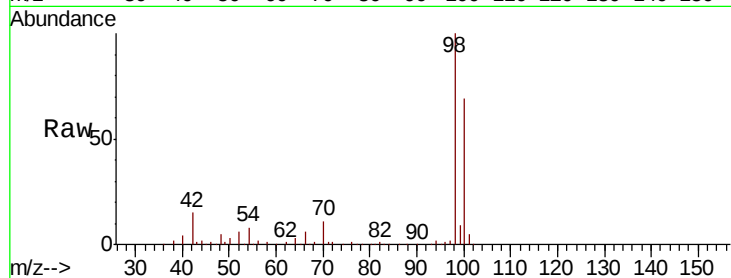
TP-1S1

Tot Ion: 98 Resp: 1243502

Ion Ratio Lower Upper

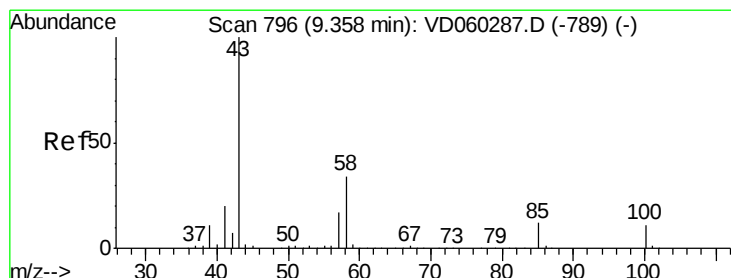
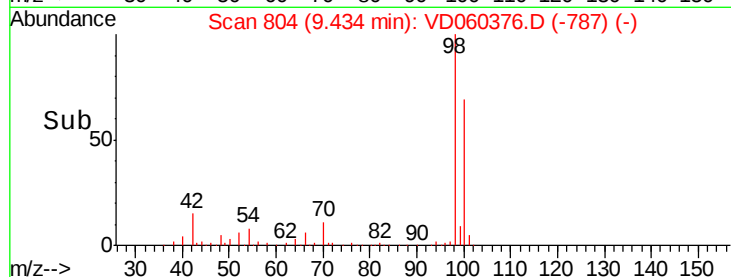
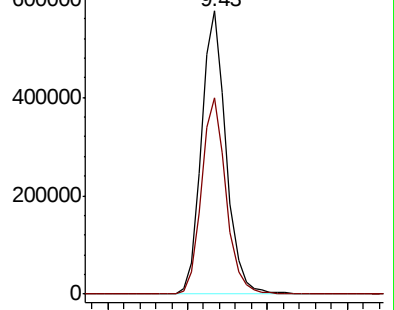
98 100

100 69.2 55.2 82.8



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: 1.050 ug/l

RT: 9.42 min Scan# 803

Delta R.T. 0.07 min

Lab File: VD060376.D

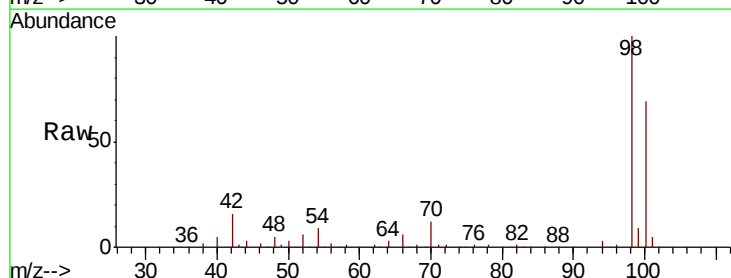
Acq: 14 Nov 2018 13:45

Tgt Ion: 43 Resp: 7106

Ion Ratio Lower Upper

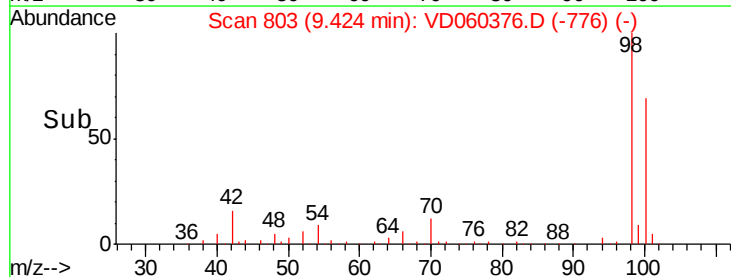
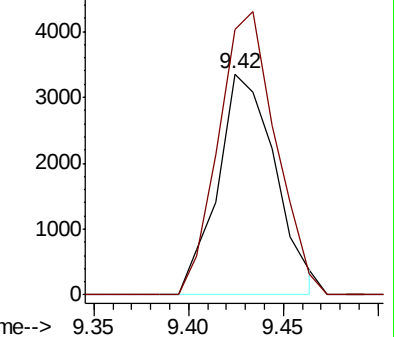
43 100

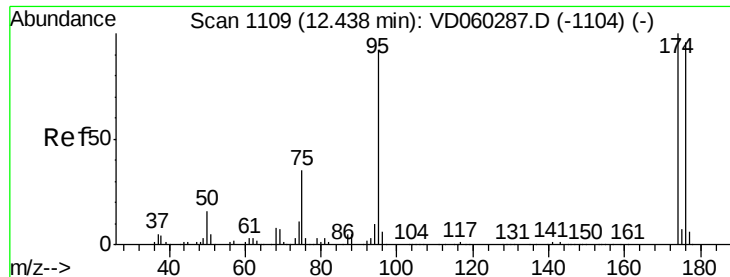
58 120.3 26.1 39.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

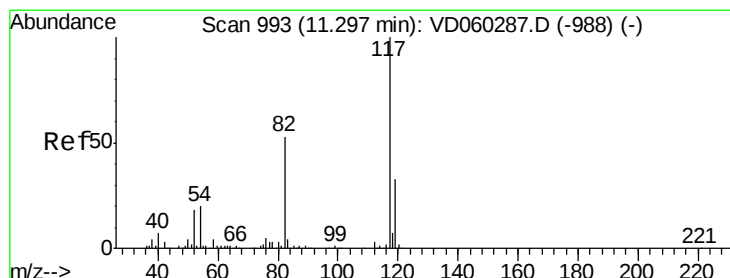
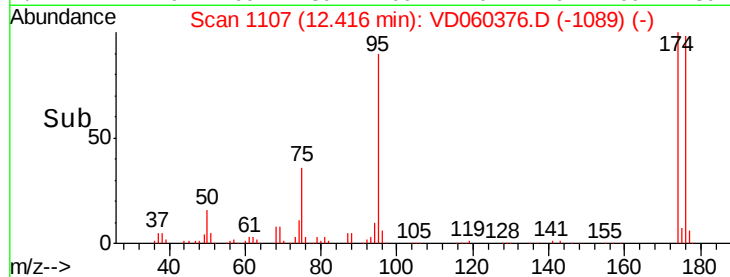
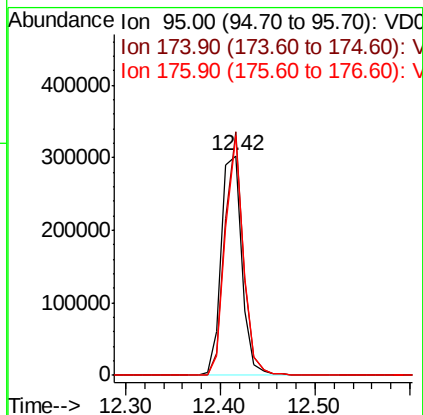
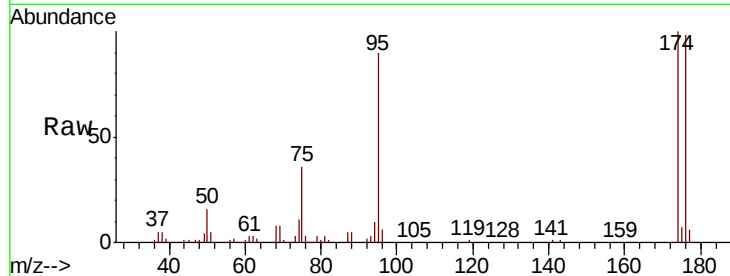




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD060376.D
Acq: 14 Nov 2018 13:45

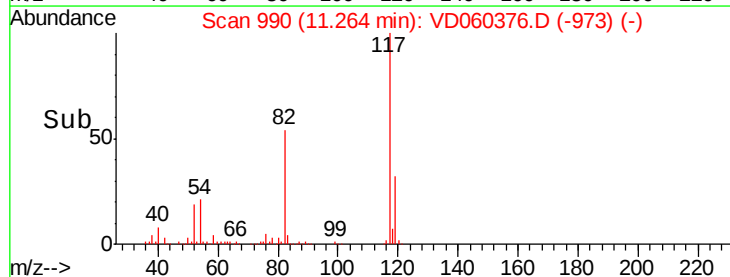
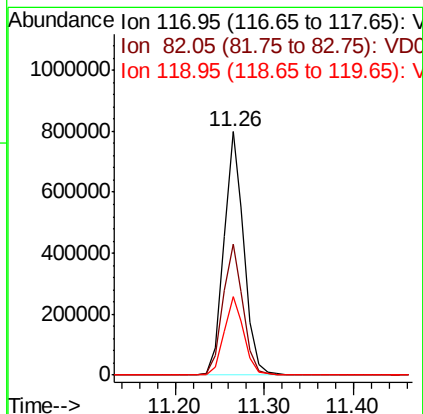
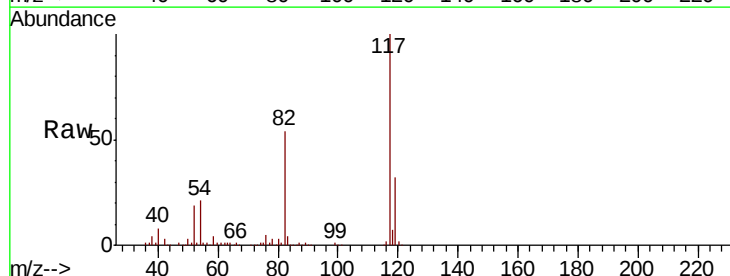
Instrument :
MSVOA_D
ClientSampleId :
TP-1S1

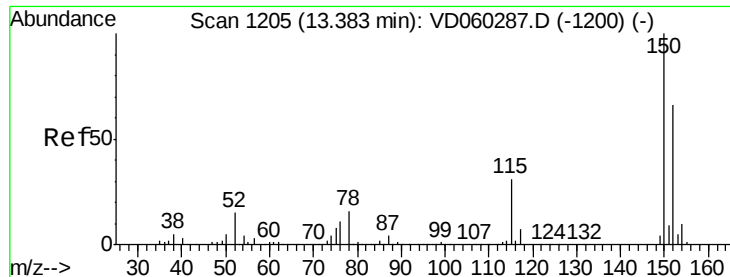
Tot Ion: 95 Resp: 456976
Ion Ratio Lower Upper
95 100
174 110.7 0.0 160.8
176 108.9 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060376.D
Acq: 14 Nov 2018 13:45

Tgt Ion: 117 Resp: 1262772
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.2 26.1 39.1



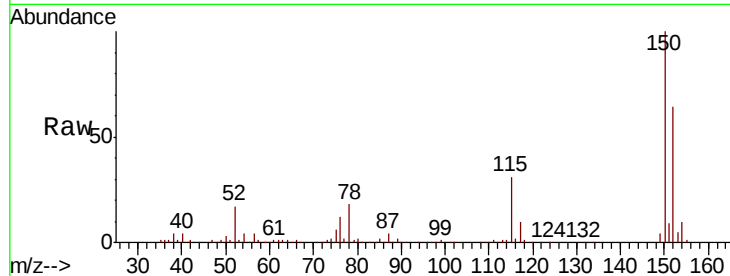


#72

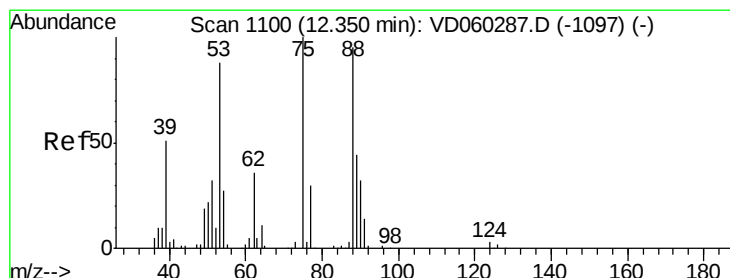
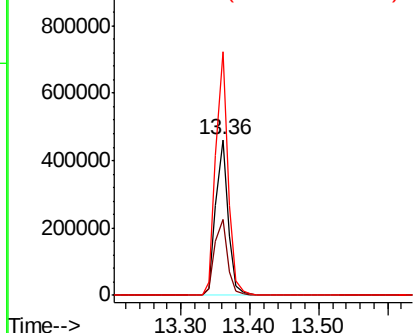
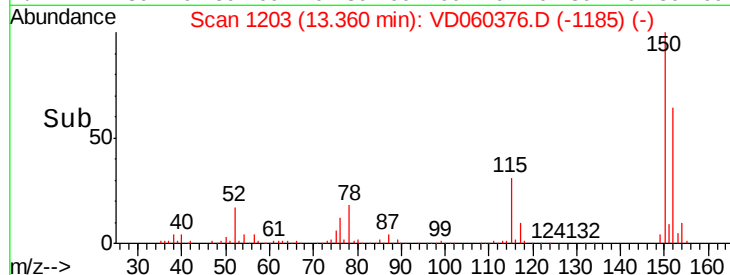
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060376.D
Acq: 14 Nov 2018 13:45

Instrument :
MSVOA_D
ClientSampleId :
TP-1S1

Tot Ion:152 Resp: 578582
Ion Ratio Lower Upper
152 100
115 48.7 24.1 72.3
150 156.5 0.0 310.6



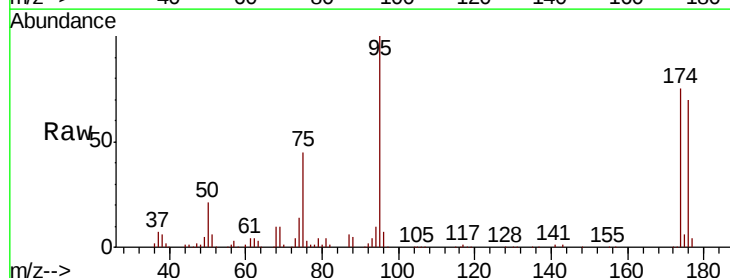
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 99.181 ug/l
RT: 12.41 min Scan# 1106
Delta R.T. 0.06 min
Lab File: VD060376.D
Acq: 14 Nov 2018 13:45

Tgt Ion: 75 Resp: 195432
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

