

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
 Data File : VD064916.D
 Acq On : 22 Jan 2020 14:38
 Operator : VA/SY
 Sample : VD0122SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 22 23:16:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

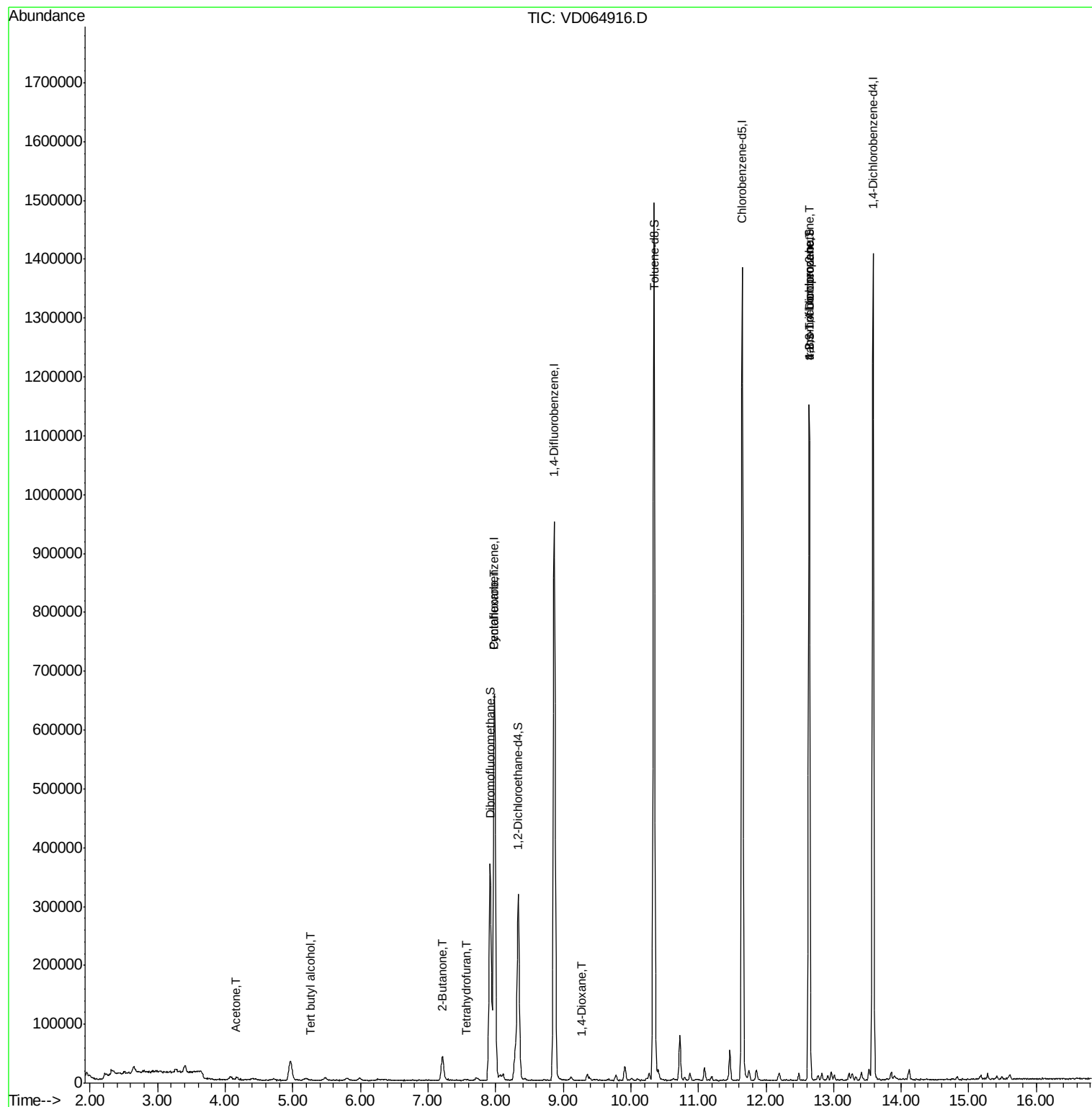
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	516465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	821760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	766910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	361820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	251157	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.30%	
35) Dibromofluoromethane	7.92	113	250564	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
50) Toluene-d8	10.34	98	994217	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.64	95	322111	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.26	59	641	2.456	ug/l #	70
16) Acetone	4.16	43	8631	12.119	ug/l #	84
25) 2-Butanone	7.22	43	3860	3.084	ug/l #	89
29) Tetrahydrofuran	7.58	42	1173	1.507	ug/l #	53
31) Cyclohexane	7.98	56	14649	1.725	ug/l #	33
49) 1,4-Dioxane	9.27	88	60	1.810	ug/l #	24
76) 1,2,3-Trichloropropane	12.64	75	176118	61.641	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	176118	128.920	ug/l #	10

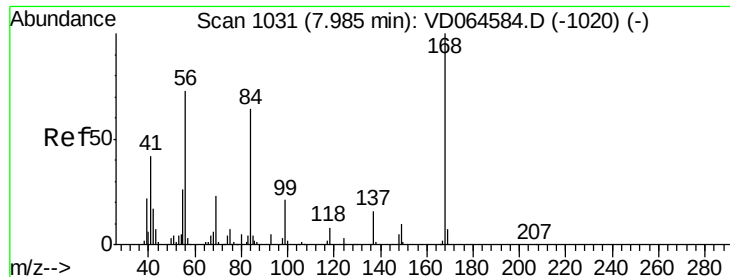
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012220\
Data File : VD064916.D
Acq On : 22 Jan 2020 14:38
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 22 23:16:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064916.D

Acq: 22 Jan 2020 14:38

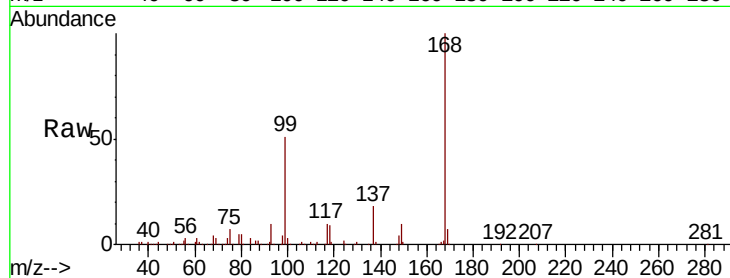
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 516465

Ion Ratio Lower Upper

168 100

99 51.0 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

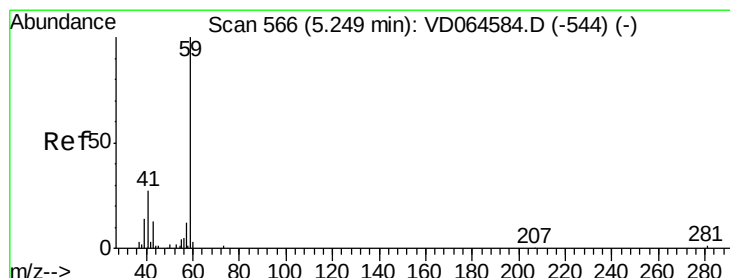
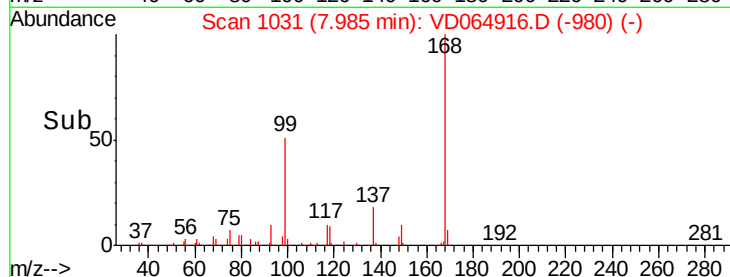
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.456 ug/l

RT: 5.26 min Scan# 567

Delta R.T. 0.01 min

Lab File: VD064916.D

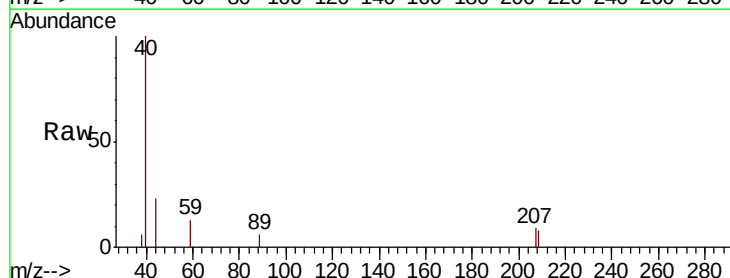
Acq: 22 Jan 2020 14:38

Tgt Ion: 59 Resp: 641

Ion Ratio Lower Upper

59 100

57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

500

400

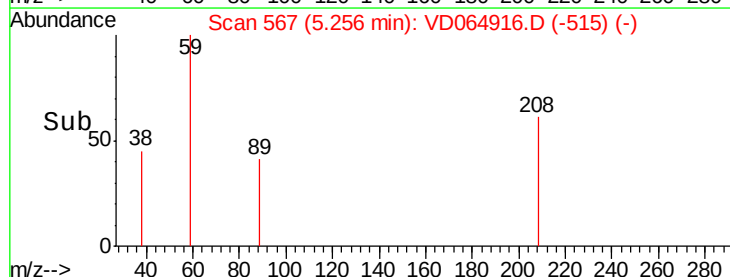
300

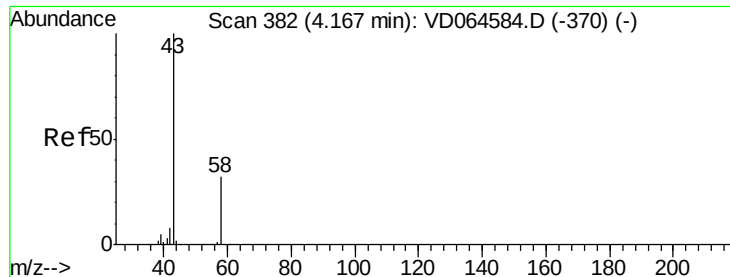
200

100

0

Time-->





#16

Acetone

Concen: 12.119 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064916.D

Acq: 22 Jan 2020 14:38

Instrument :

MSVOA_D

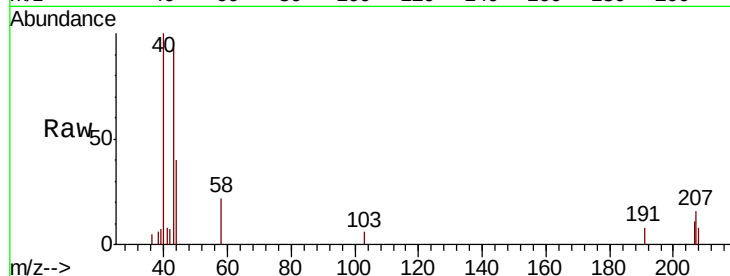
ClientSampleId :

Tot Ion: 43 Resp: 8631

Ion Ratio Lower Upper

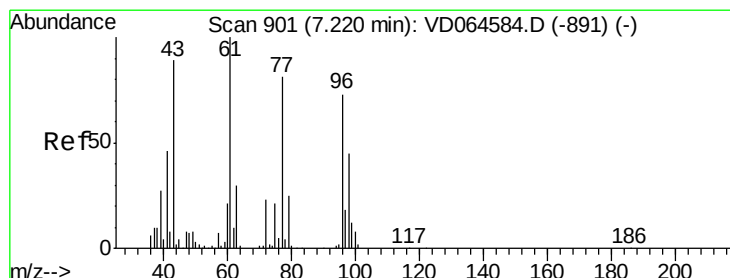
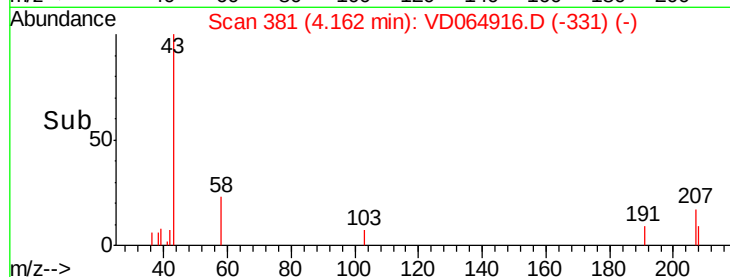
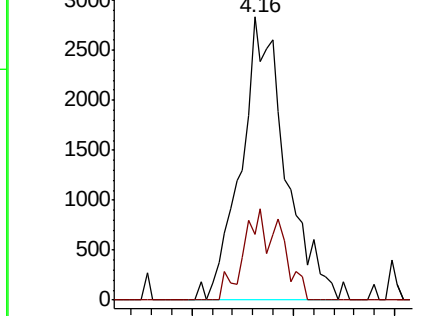
43 100

58 23.3 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#25

2-Butanone

Concen: 3.084 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064916.D

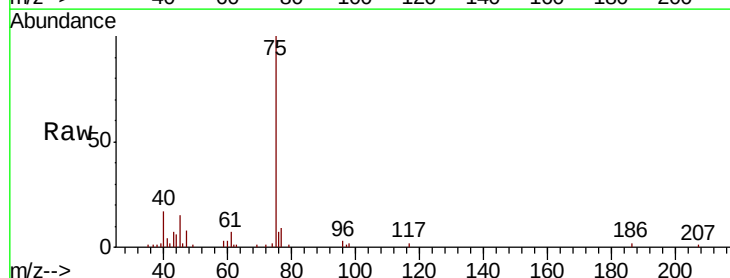
Acq: 22 Jan 2020 14:38

Tgt Ion: 43 Resp: 3860

Ion Ratio Lower Upper

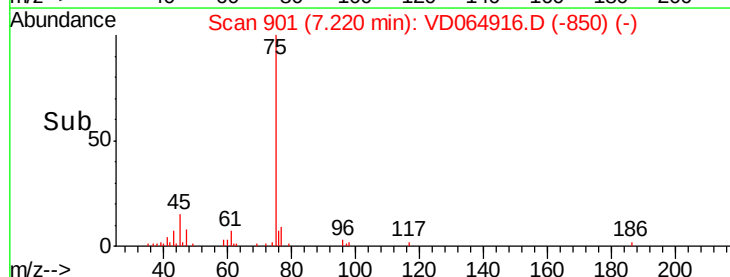
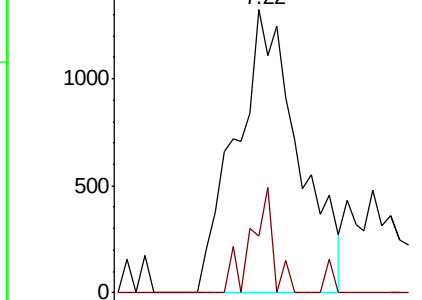
43 100

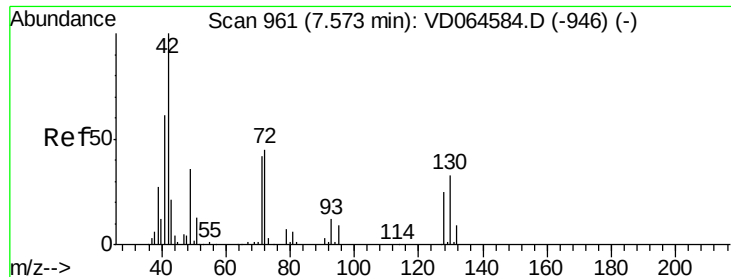
72 20.3 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

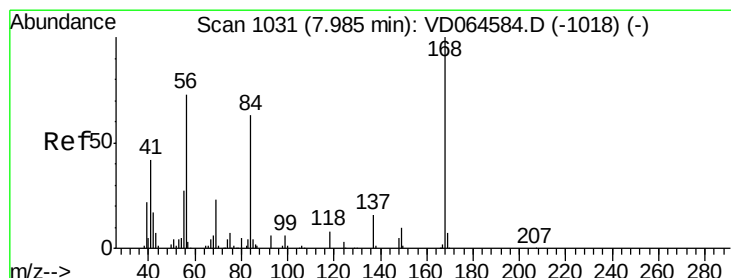
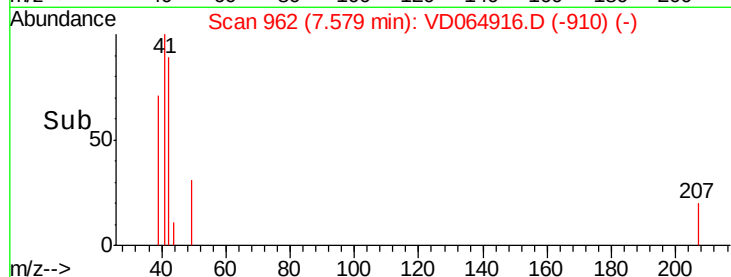
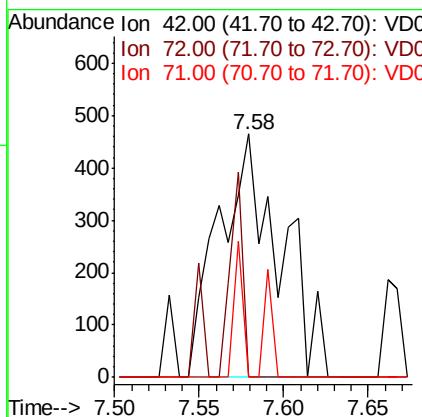
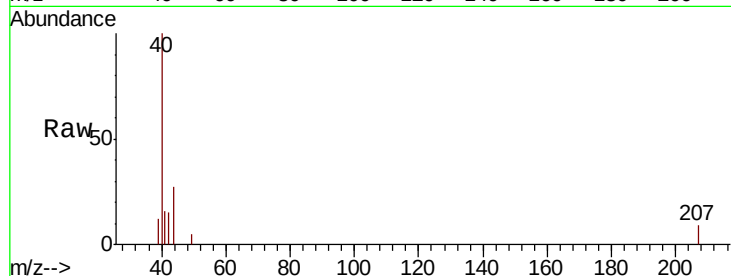




#29
Tetrahydrofuran
Concen: 1.507 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.01 min
Lab File: VD064916.D
Acq: 22 Jan 2020 14:38

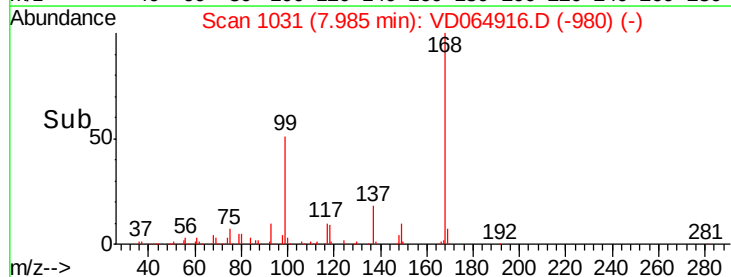
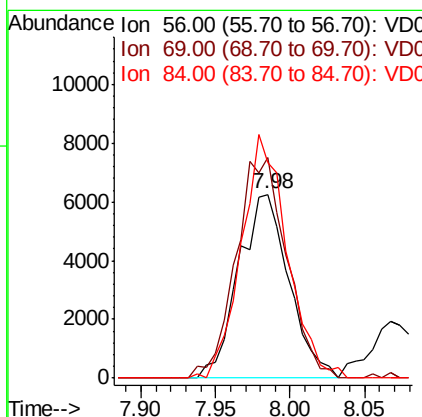
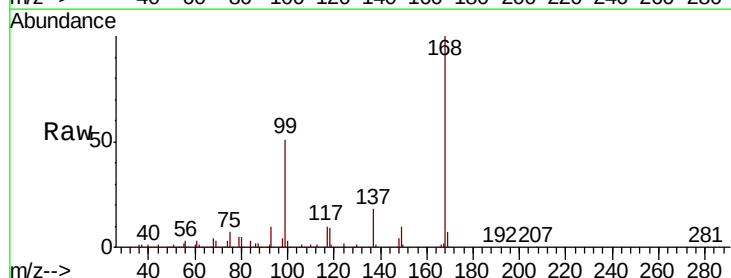
Instrument :
MSVOA_D
ClientSampleId :

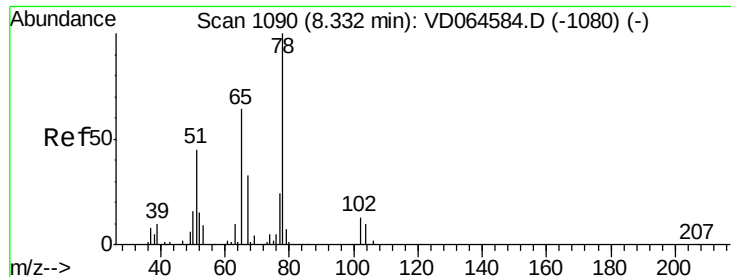
Tot Ion: 42 Resp: 1173
Ion Ratio Lower Upper
42 100
72 17.1 35.0 52.4#
71 7.8 32.9 49.3#



#31
Cyclohexane
Concen: 1.725 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064916.D
Acq: 22 Jan 2020 14:38

Tgt Ion: 56 Resp: 14649
Ion Ratio Lower Upper
56 100
69 120.5 24.7 37.1#
84 117.6 69.4 104.2#

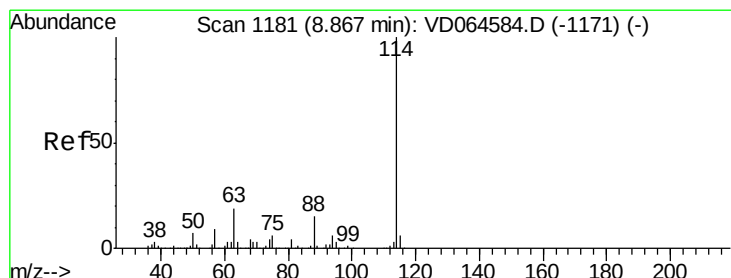
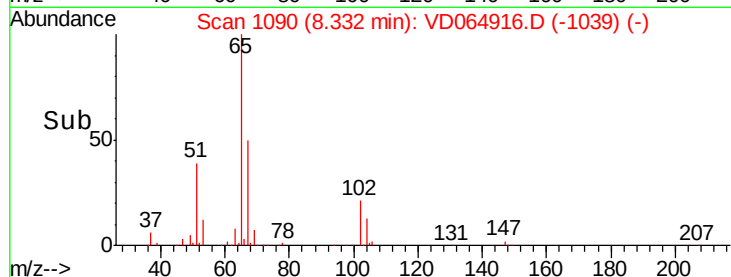
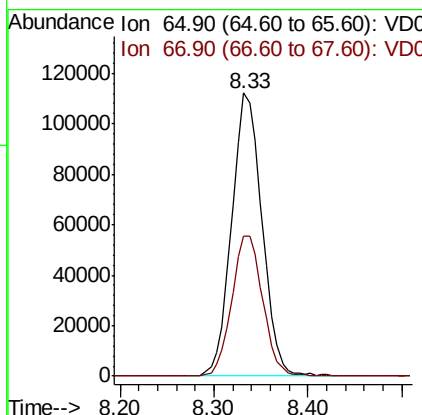
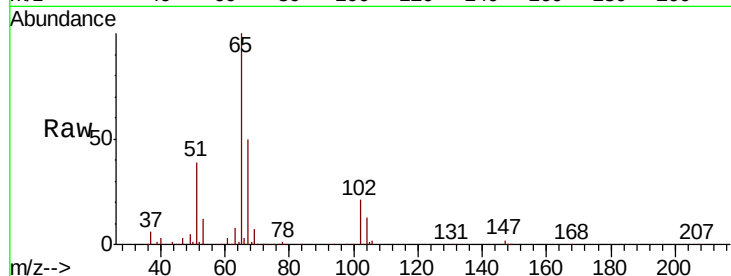




#33
 1,2-Dichloroethane-d4
 Concen: 55.149 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064916.D
 Acq: 22 Jan 2020 14:38

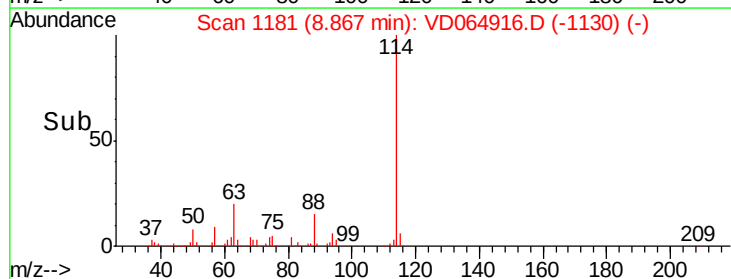
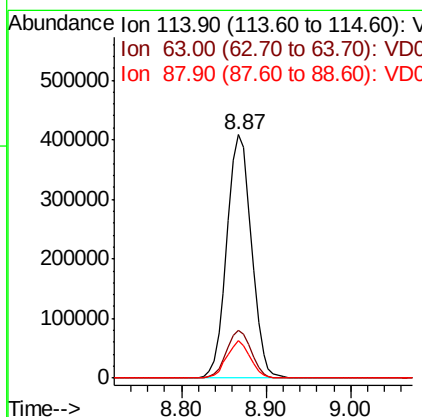
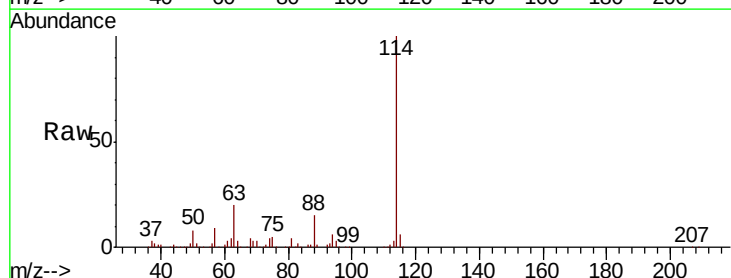
Instrument :
 MSVOA_D
 ClientSampleId :

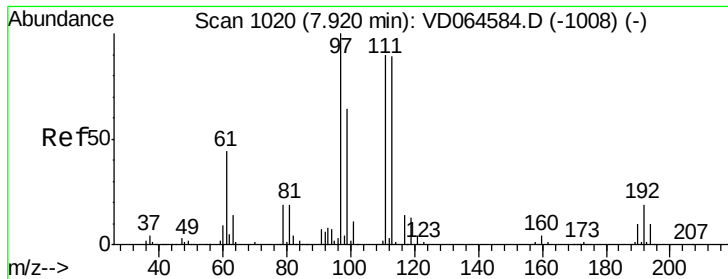
Tot Ion: 65 Resp: 251157
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064916.D
 Acq: 22 Jan 2020 14:38

Tgt Ion: 114 Resp: 821760
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.0
 88 15.2 0.0 29.2





#35

Dibromofluoromethane

Concen: 49.699 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064916.D

Acq: 22 Jan 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

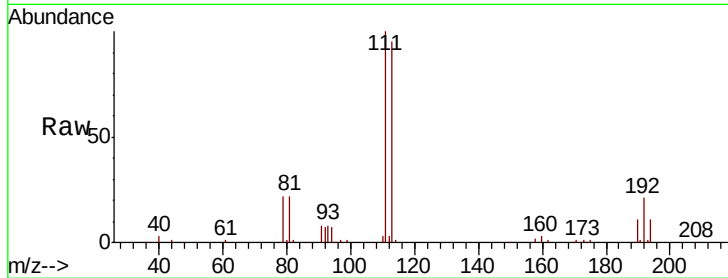
Tot Ion:113 Resp: 250564

Ion Ratio Lower Upper

113 100

111 103.3 80.6 121.0

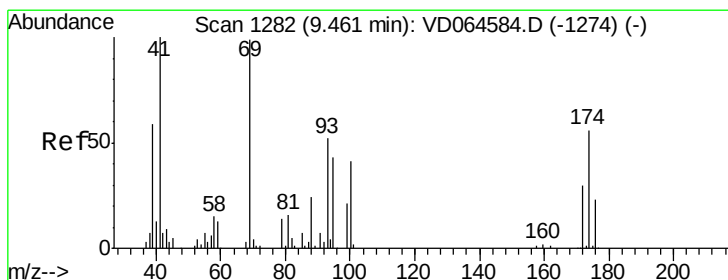
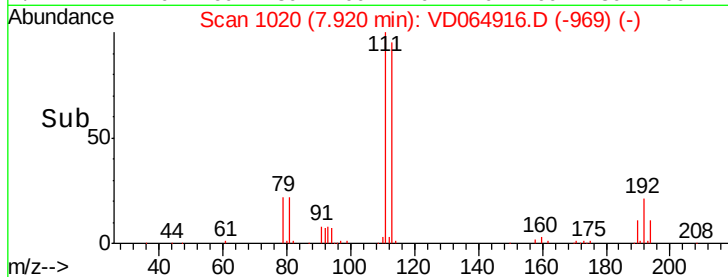
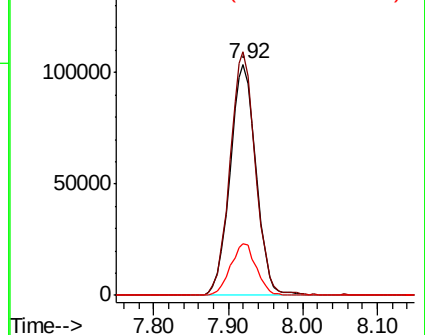
192 22.1 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#49

1,4-Dioxane

Concen: 1.810 ug/l

RT: 9.27 min Scan# 1249

Delta R.T. -0.19 min

Lab File: VD064916.D

Acq: 22 Jan 2020 14:38

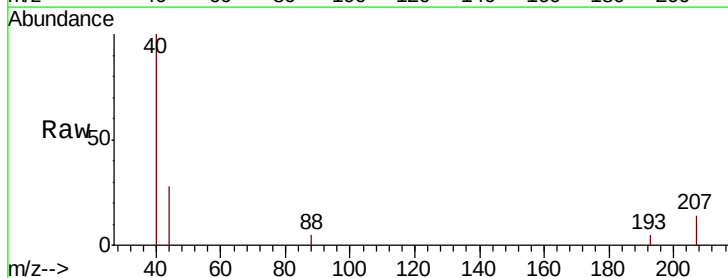
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

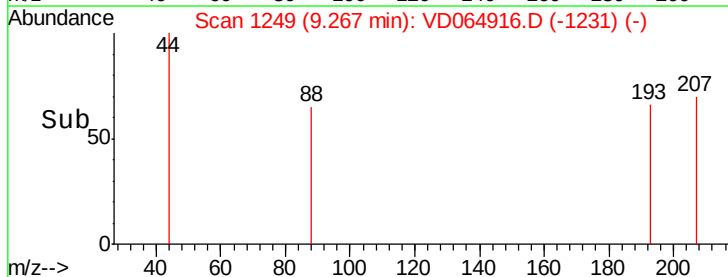
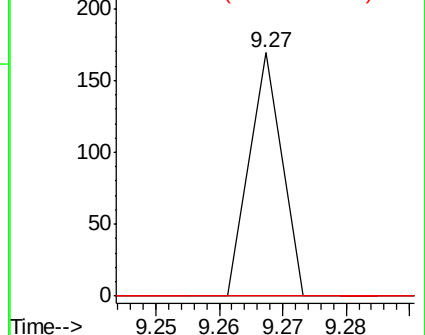
58 0.0 53.8 80.6#

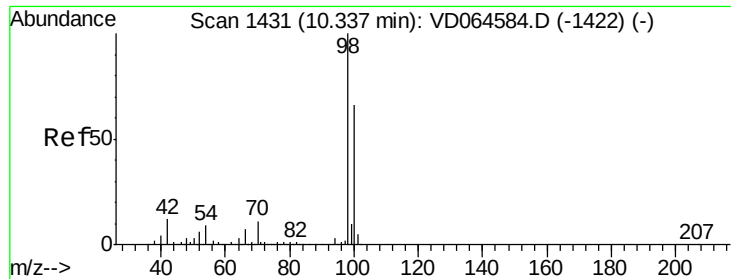


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

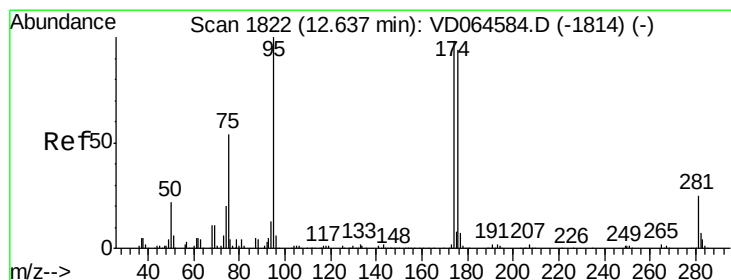
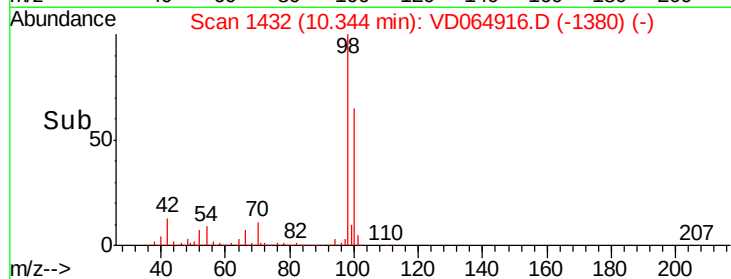
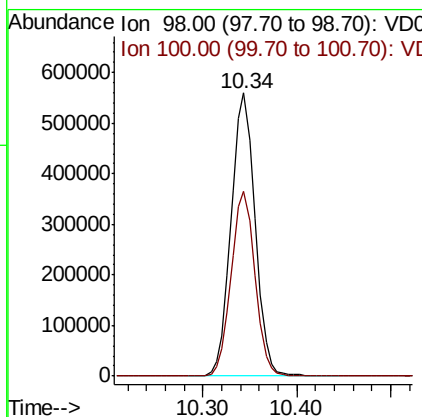
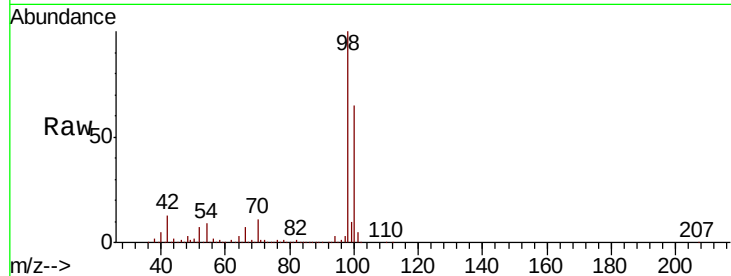




#50
Toluene-d8
Concen: 51.490 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064916.D
Acq: 22 Jan 2020 14:38

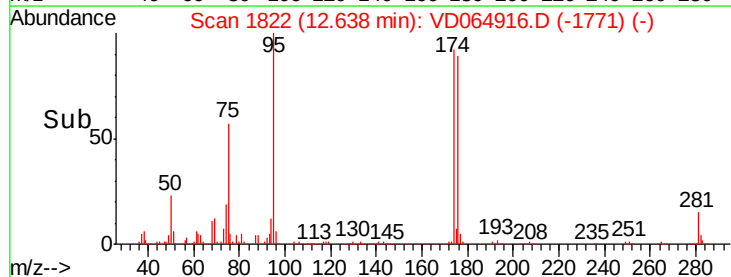
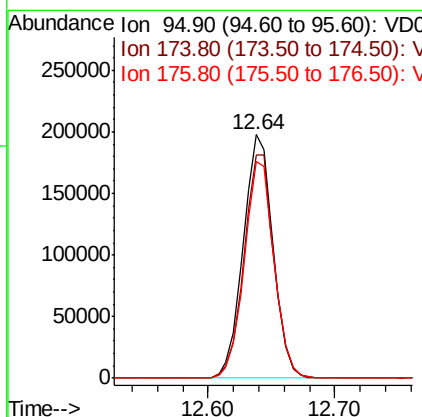
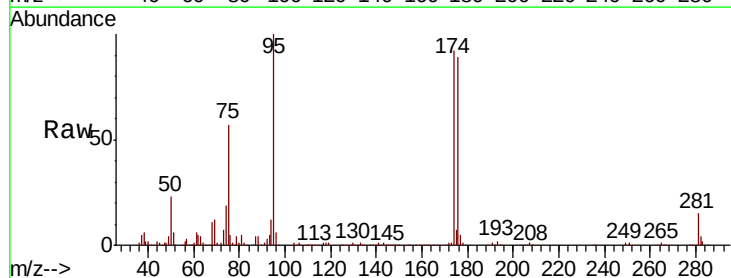
Instrument :
MSVOA_D
ClientSampleId :

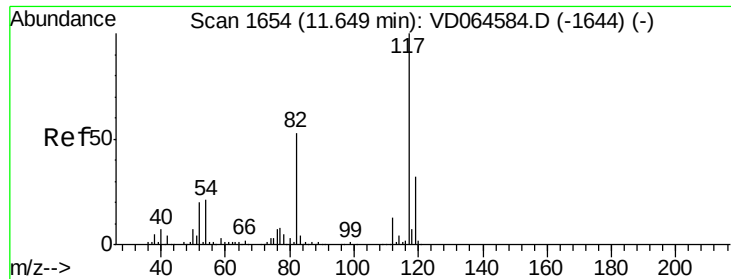
Tot Ion: 98 Resp: 994217
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.756 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064916.D
Acq: 22 Jan 2020 14:38

Tgt Ion: 95 Resp: 322111
Ion Ratio Lower Upper
95 100
174 92.2 0.0 193.2
176 89.3 0.0 184.2

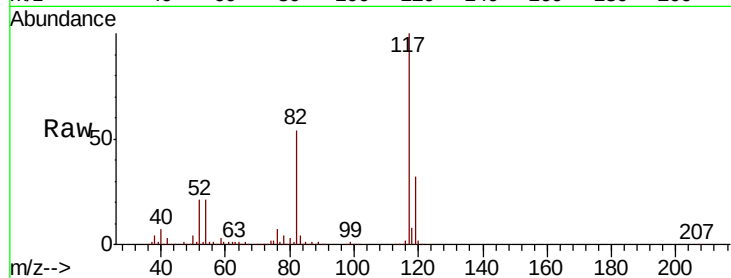




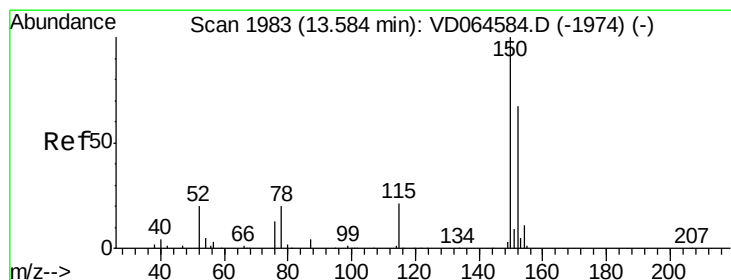
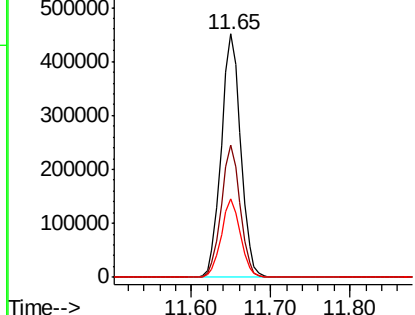
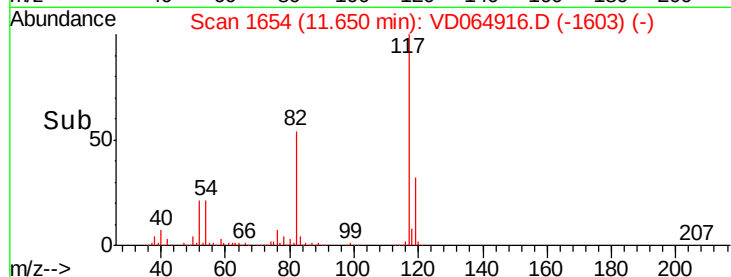
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064916.D
Acq: 22 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 766910
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.4
119 32.1 26.0 39.0

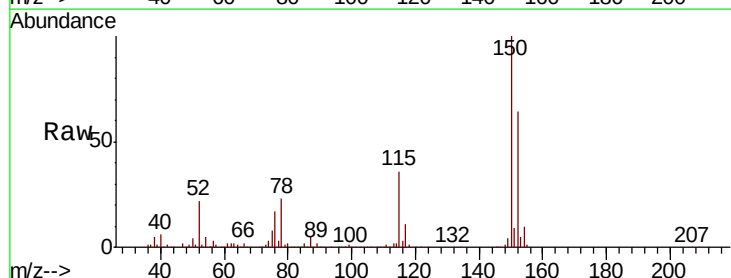


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

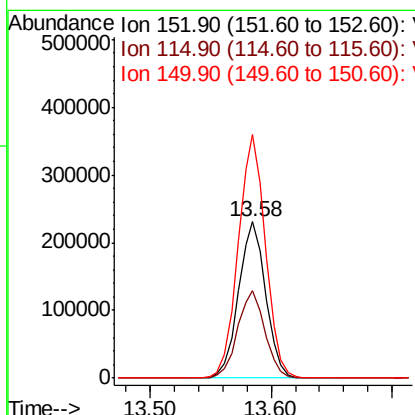
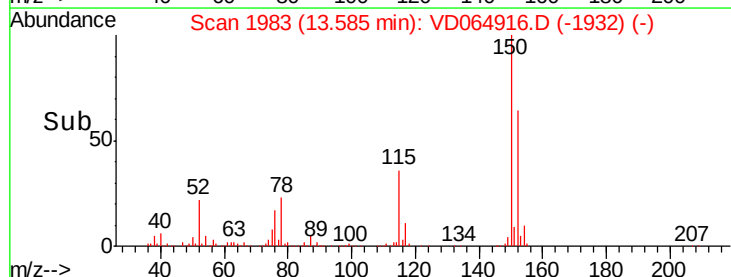


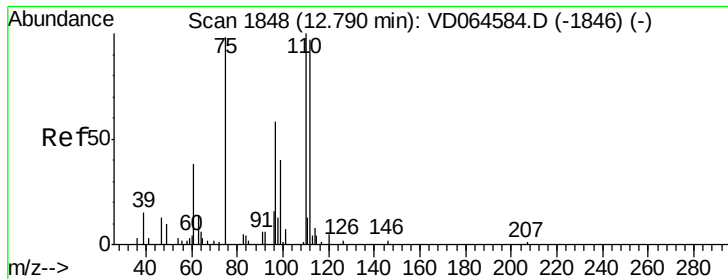
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064916.D
Acq: 22 Jan 2020 14:38

Tgt Ion:152 Resp: 361820
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.4
150 155.6 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

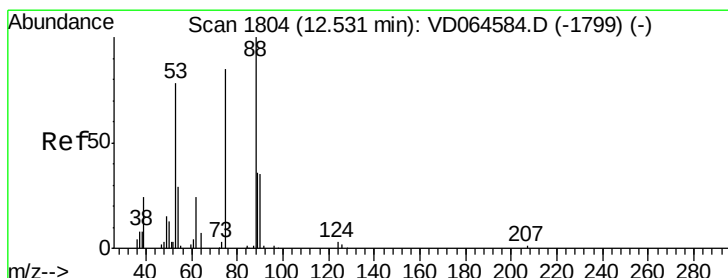
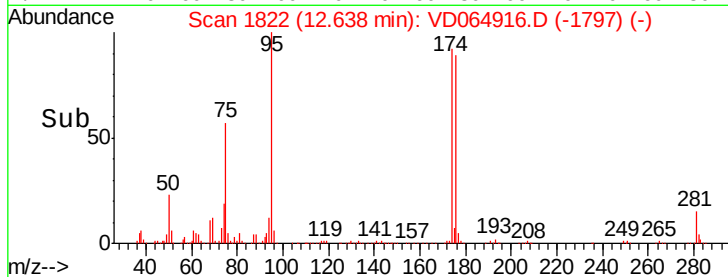
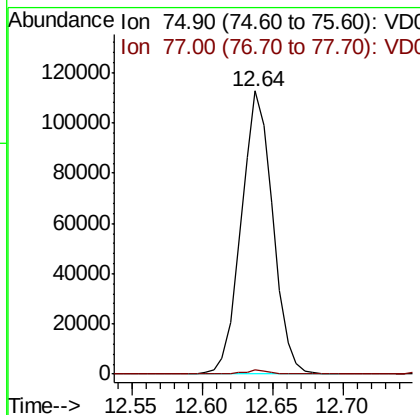
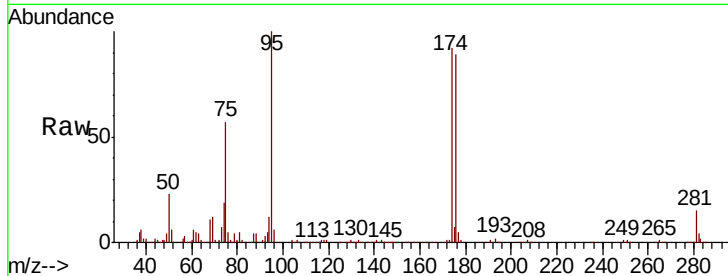




#76
 1,2,3-Trichloropropane
 Concen: 61.641 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064916.D
 Acq: 22 Jan 2020 14:38

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 176118
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.920 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064916.D
 Acq: 22 Jan 2020 14:38

Tgt Ion: 75 Resp: 176118
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.8 118.2#
 89 0.1 38.3 57.5#

