

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064734.D
 Acq On : 03 Jan 2020 15:08
 Operator : VA/SY
 Sample : K6472-01
 Misc : 6.88G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:47:06 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

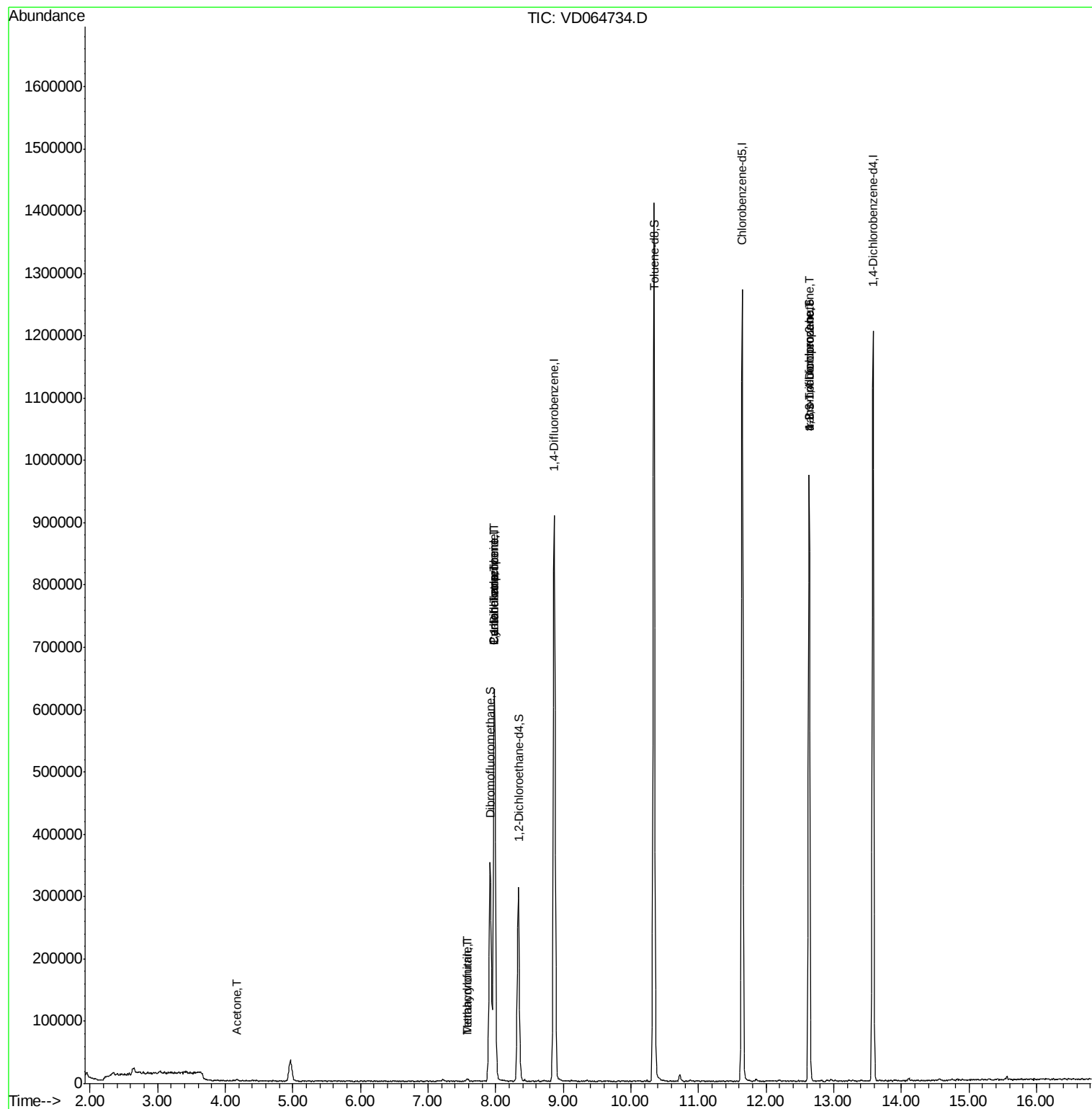
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	500074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	784125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	694841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	324206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	236426	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	7.92	113	244240	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
50) Toluene-d8	10.34	98	938151	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.64	95	281884	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	3974	7.956	ug/l #	81
29) Tetrahydrofuran	7.57	42	2905	3.854	ug/l	96
31) Cyclohexane	7.98	56	10901	1.326	ug/l #	49
36) 1,1-Dichloropropene	7.98	75	36594	4.849	ug/l #	51
38) Carbon Tetrachloride	7.98	117	45803	5.692	ug/l #	15
41) Methacrylonitrile	7.58	41	2035	1.183	ug/l #	44
76) 1,2,3-Trichloropropane	12.64	75	154647	60.406	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	154647	126.337	ug/l #	10

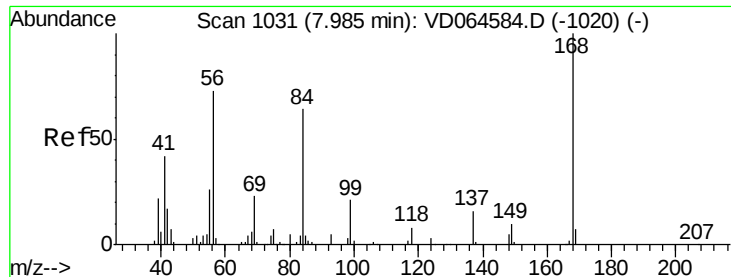
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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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: VD064734.D

Acq: 03 Jan 2020 15:08

Instrument :

MSVOA_D

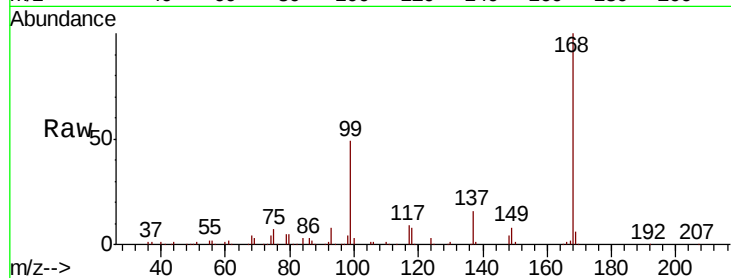
ClientSampleId :

Tot Ion:168 Resp: 500074

Ion Ratio Lower Upper

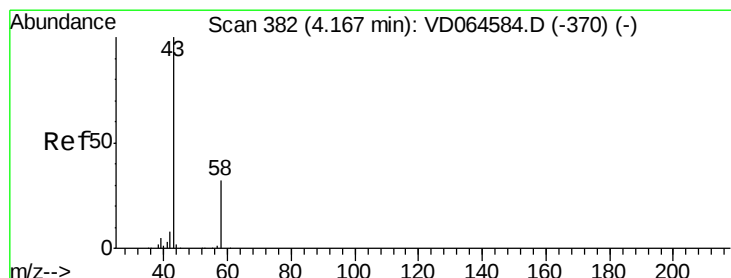
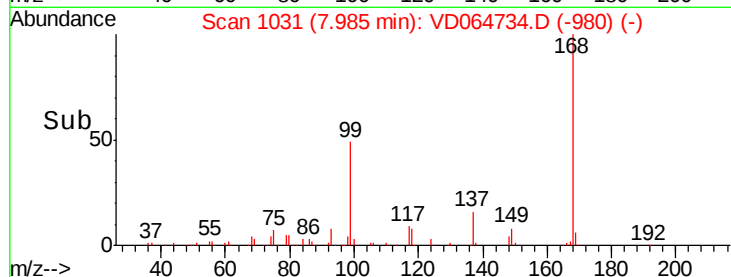
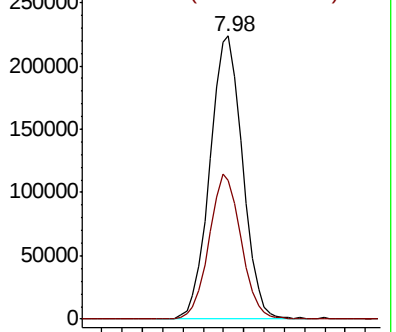
168 100

99 49.2 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 7.956 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064734.D

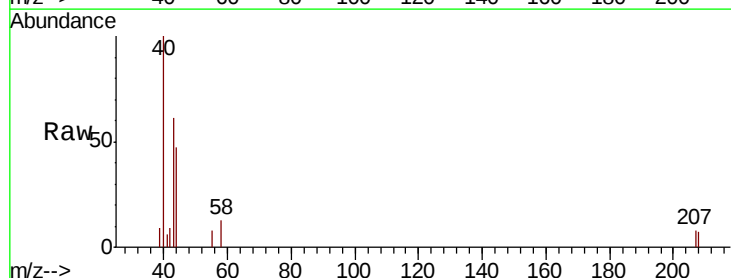
Acq: 03 Jan 2020 15:08

Tgt Ion: 43 Resp: 3974

Ion Ratio Lower Upper

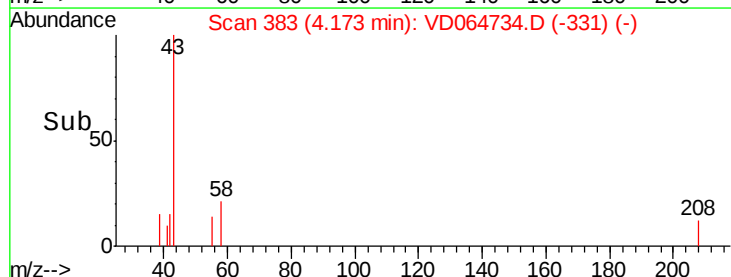
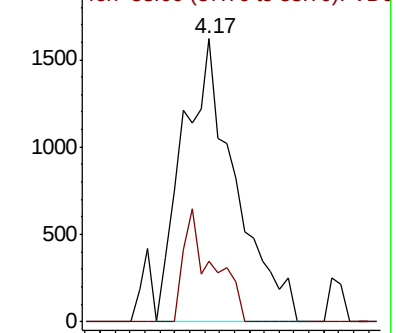
43 100

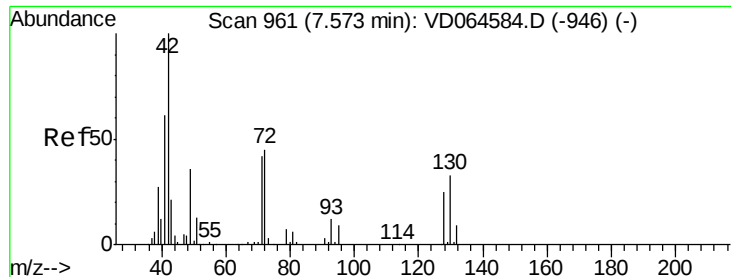
58 21.5 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

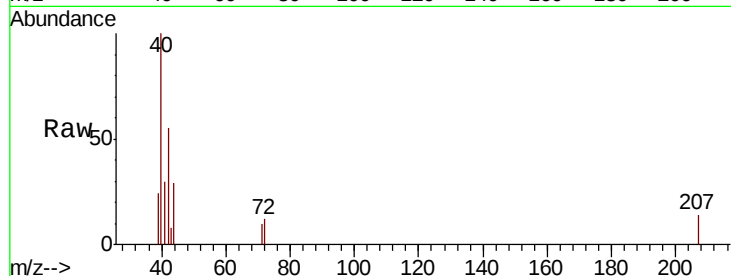




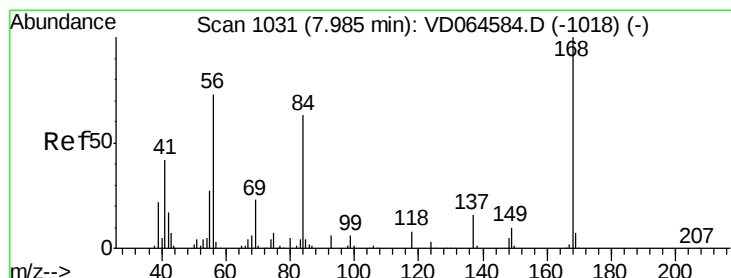
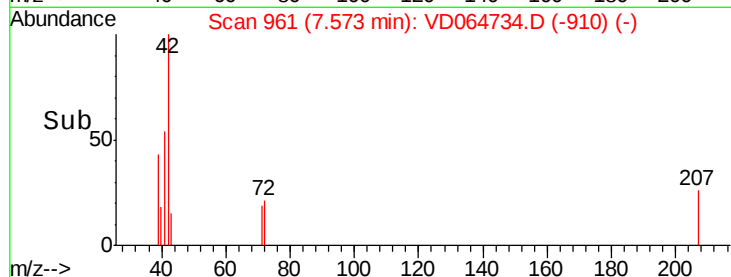
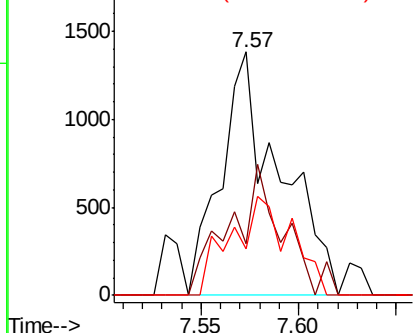
#29
Tetrahydrofuran
Concen: 3.854 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD064734.D
Acq: 03 Jan 2020 15:08

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion: 42 Resp: 2905
Ion Ratio Lower Upper
42 100
72 48.4 35.0 52.4
71 41.2 32.9 49.3

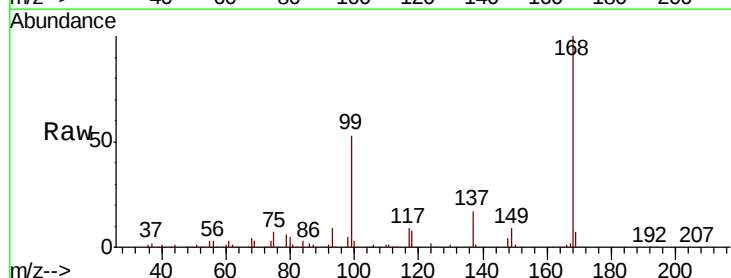


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

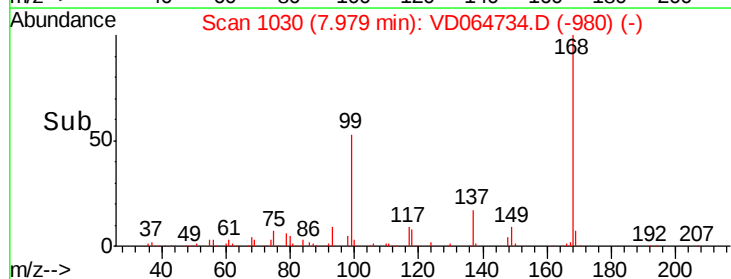
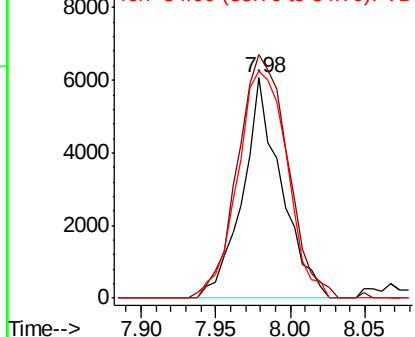


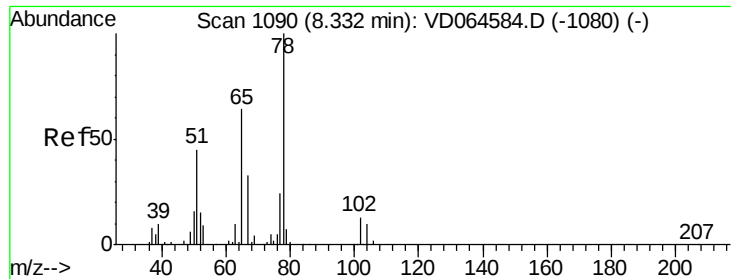
#31
Cyclohexane
Concen: 1.326 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064734.D
Acq: 03 Jan 2020 15:08

Tgt Ion: 56 Resp: 10901
Ion Ratio Lower Upper
56 100
69 110.6 24.7 37.1#
84 103.4 69.4 104.2



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

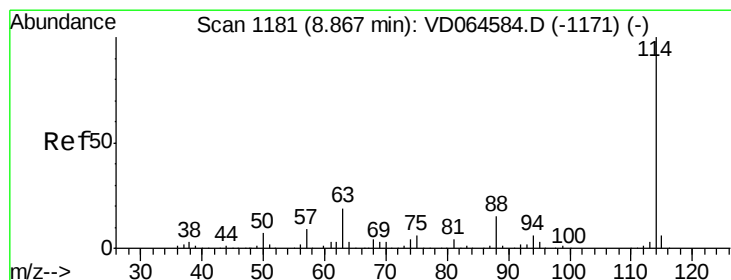
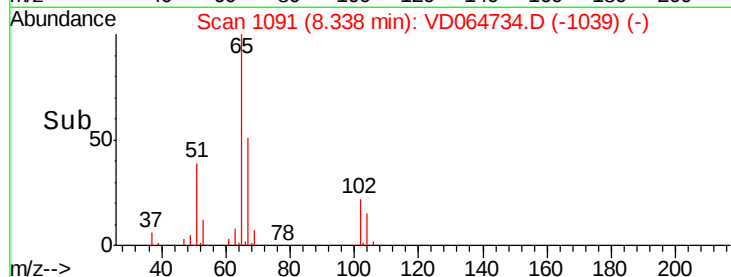
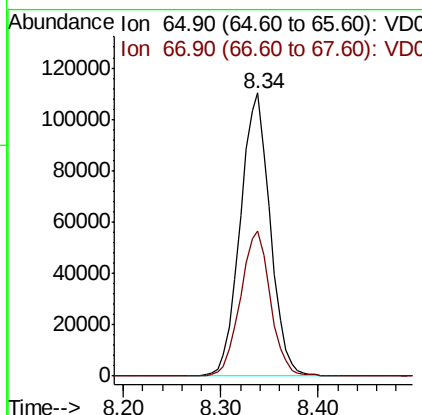
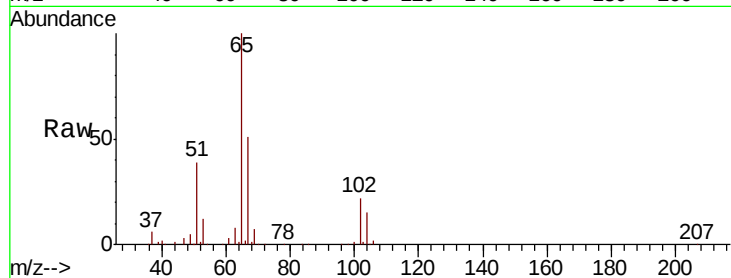




#33
 1,2-Dichloroethane-d4
 Concen: 53.616 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064734.D
 Acq: 03 Jan 2020 15:08

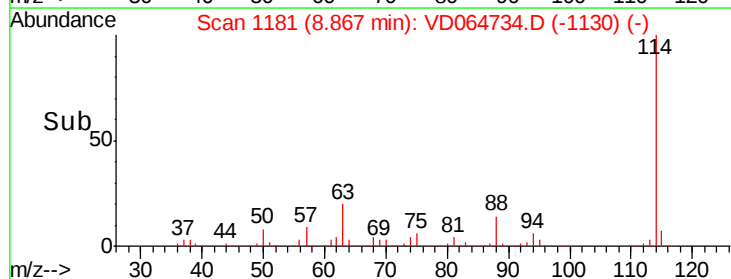
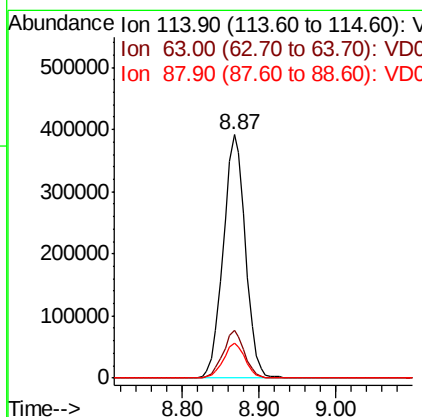
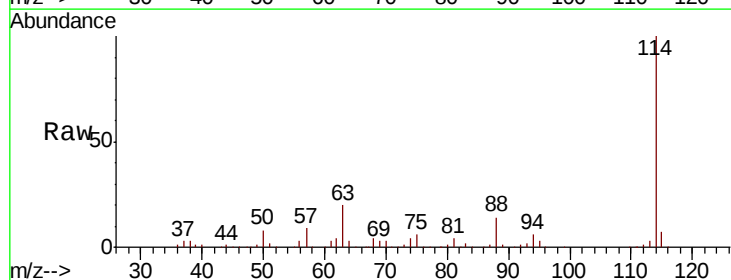
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 65 Resp: 236426
 Ion Ratio Lower Upper
 65 100
 67 51.2 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: VD064734.D
 Acq: 03 Jan 2020 15:08

Tgt Ion: 114 Resp: 784125
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.0
 88 14.1 0.0 29.2

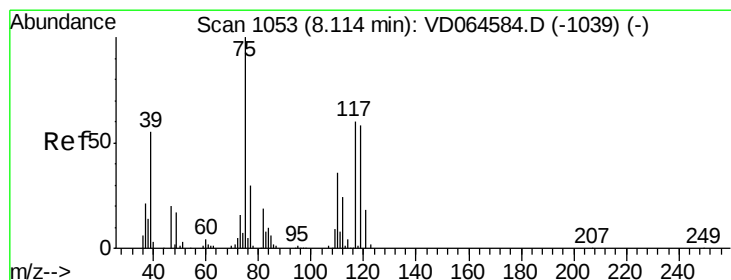
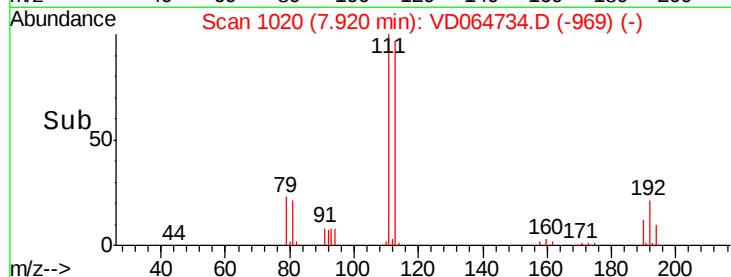
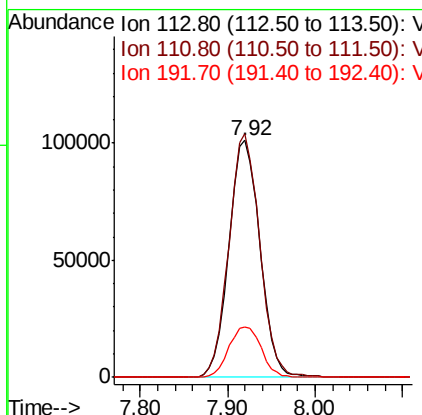
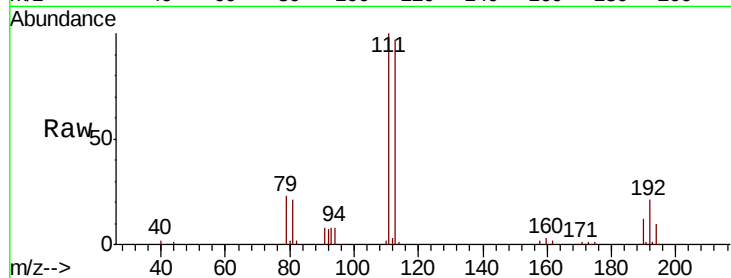




#35
 Dibromofluoromethane
 Concen: 50.770 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064734.D
 Acq: 03 Jan 2020 15:08

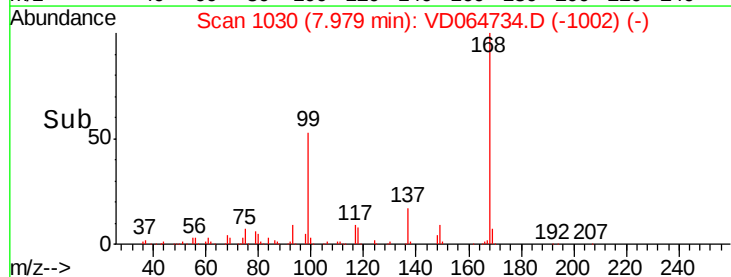
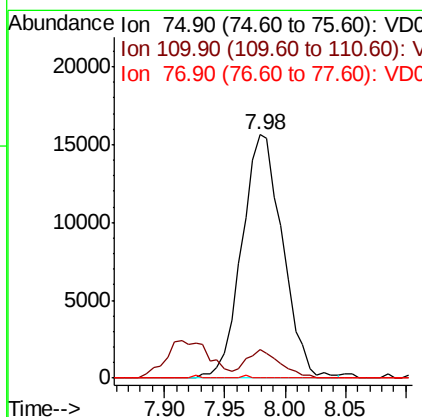
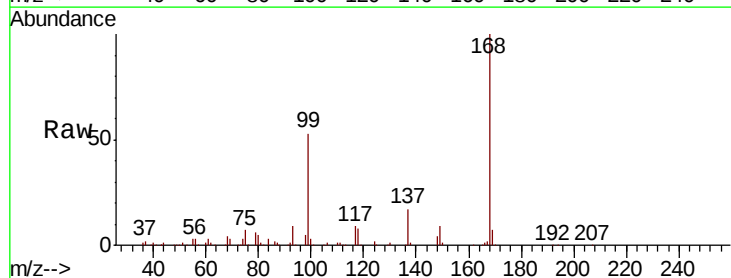
Instrument :
 MSVOA_D
 ClientSampled :

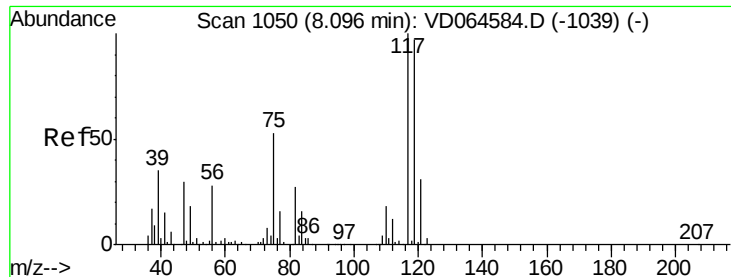
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.6	121.0
192	22.2	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.849 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064734.D
 Acq: 03 Jan 2020 15:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	0.2	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 5.692 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064734.D

Acq: 03 Jan 2020 15:08

Instrument :
MSVOA_D
ClientSampled :

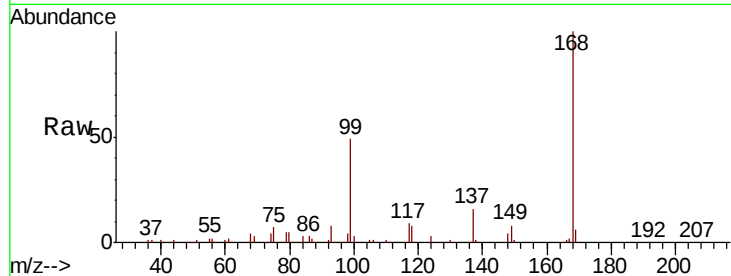
Tot Ion:117 Resp: 45803

Ion Ratio Lower Upper

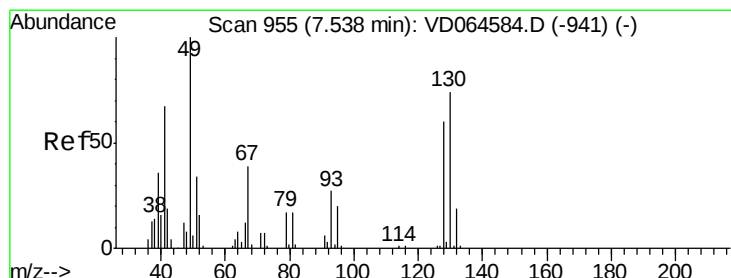
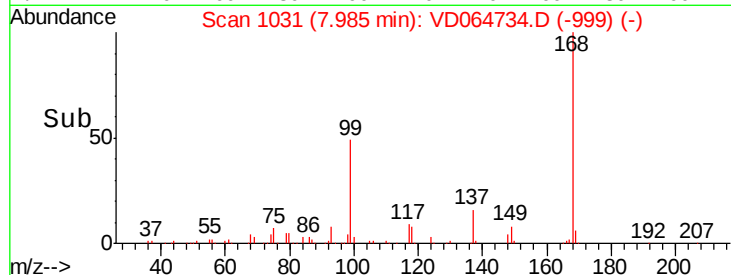
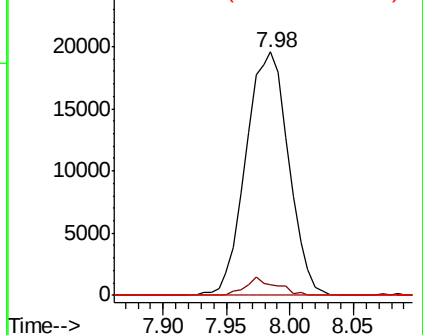
117 100

119 4.6 77.3 115.9#

121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 1.183 ug/l

RT: 7.58 min Scan# 963

Delta R.T. 0.05 min

Lab File: VD064734.D

Acq: 03 Jan 2020 15:08

Tgt Ion: 41 Resp: 2035

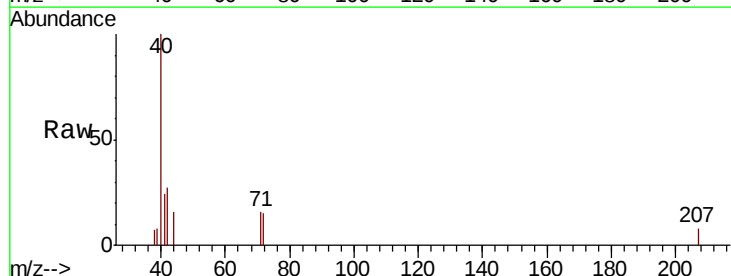
Ion Ratio Lower Upper

41 100

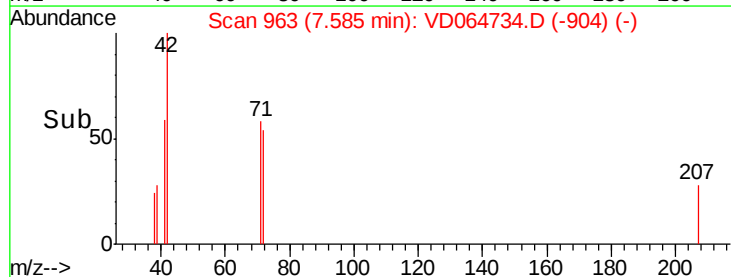
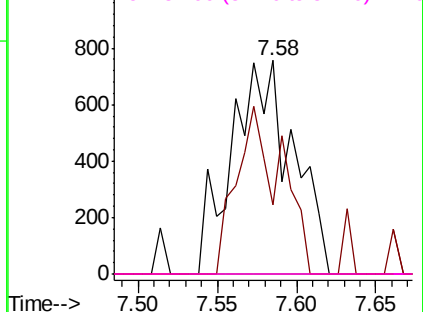
39 39.2 46.7 70.1#

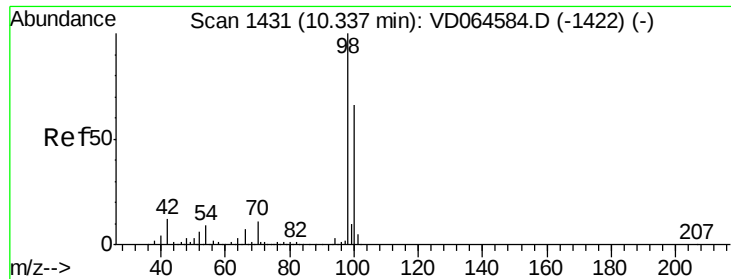
67 0.0 52.5 78.7#

52 0.0 24.1 36.1#



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

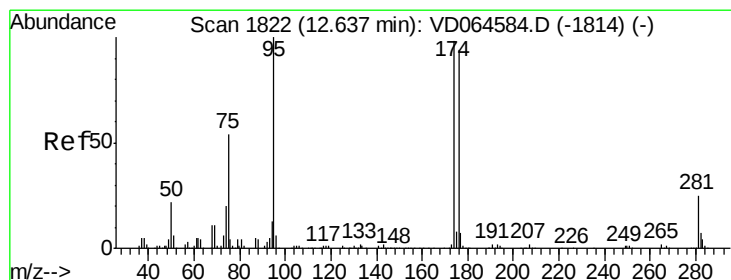
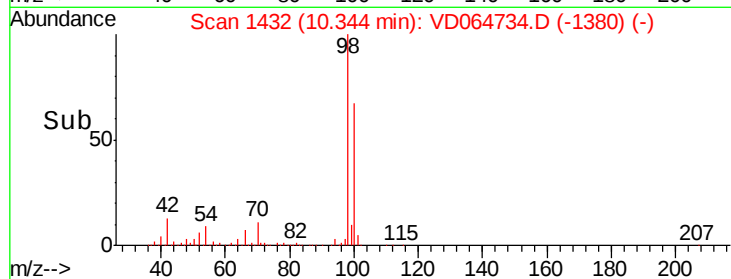
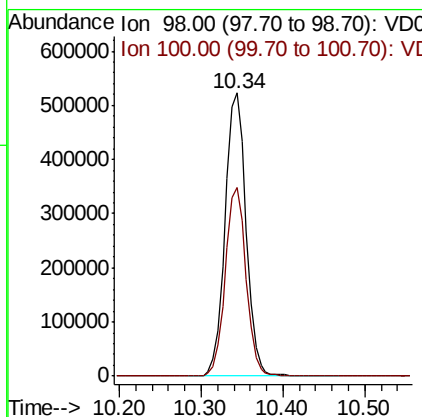
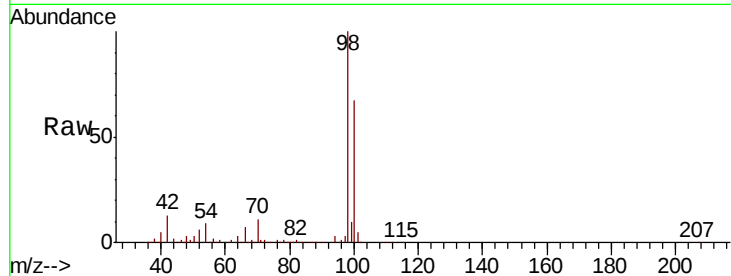




#50
Toluene-d8
Concen: 50.918 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064734.D
Acq: 03 Jan 2020 15:08

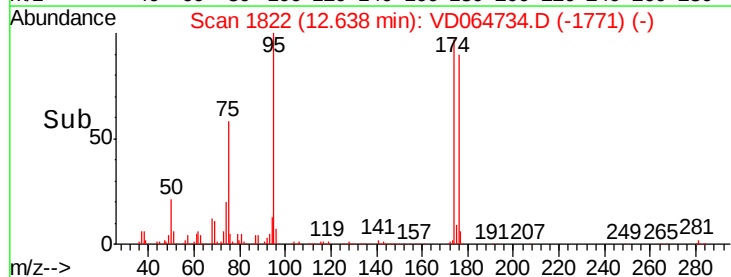
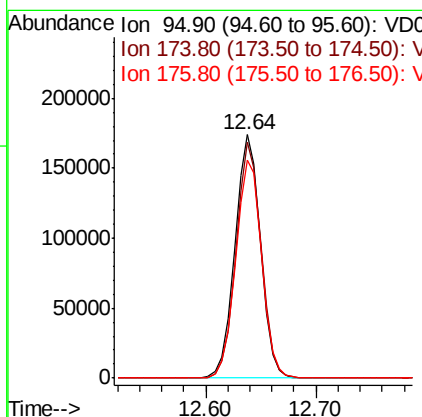
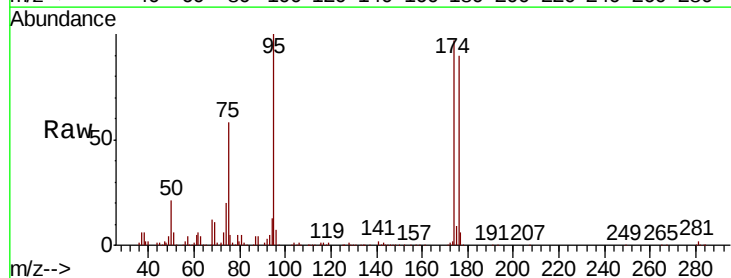
Instrument :
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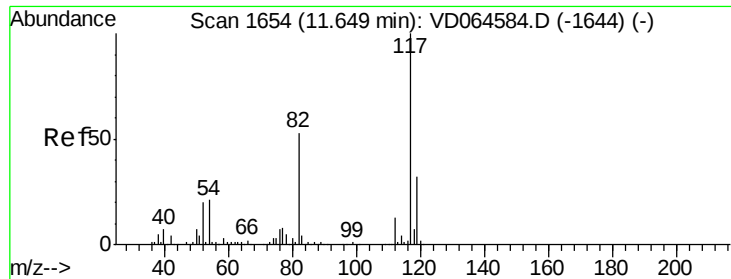
Tot Ion: 98 Resp: 938151
Ion Ratio Lower Upper
98 100
100 65.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.383 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064734.D
Acq: 03 Jan 2020 15:08

Tgt Ion: 95 Resp: 281884
Ion Ratio Lower Upper
95 100
174 95.6 0.0 193.2
176 91.4 0.0 184.2

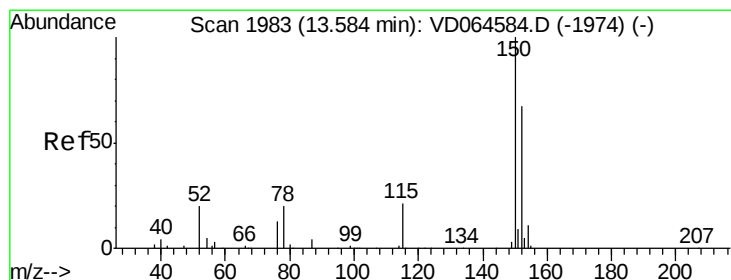
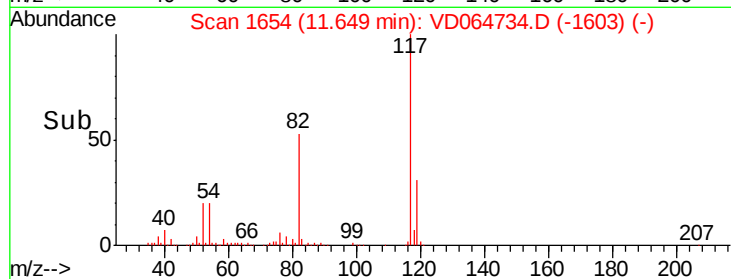
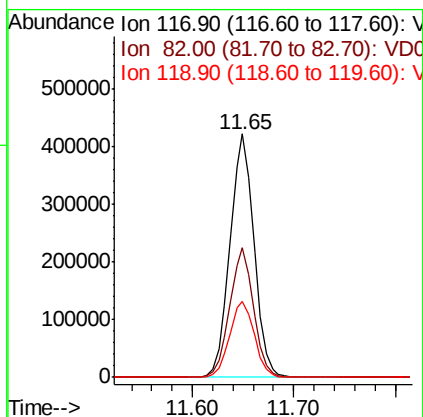
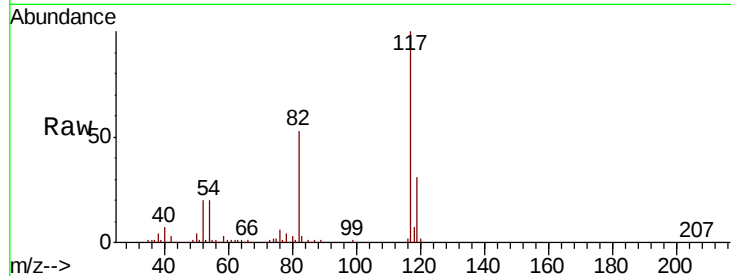




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064734.D
Acq: 03 Jan 2020 15:08

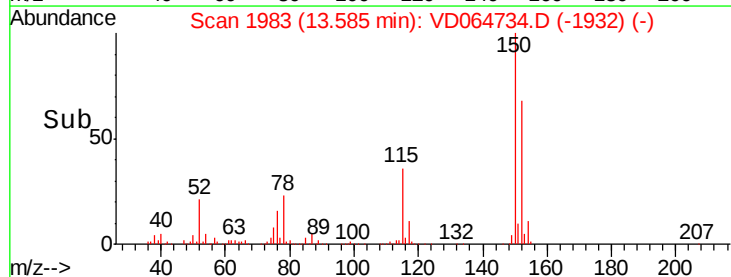
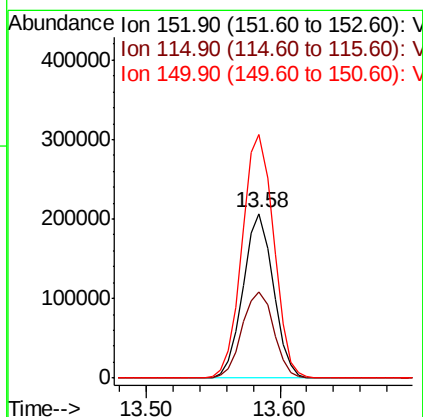
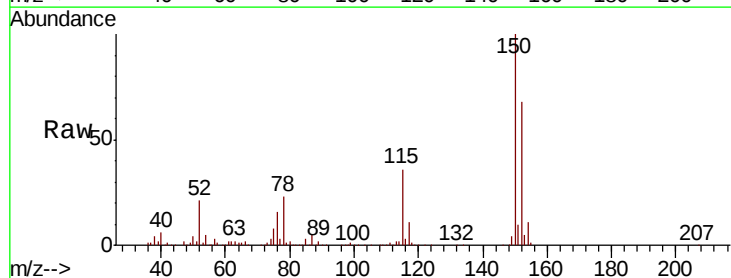
Instrument :
MSVOA_D
ClientSampleId :

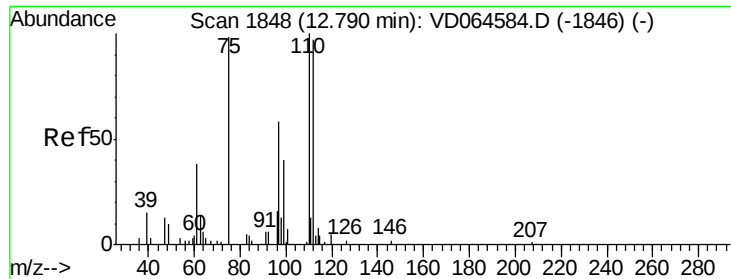
Tot Ion:117 Resp: 694841
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.4
119 31.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064734.D
Acq: 03 Jan 2020 15:08

Tgt Ion:152 Resp: 324206
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.4
150 154.5 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 60.406 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064734.D

Acq: 03 Jan 2020 15:08

Instrument :

MSVOA_D

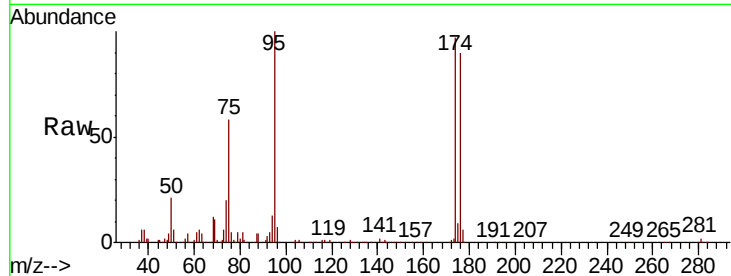
ClientSampleId :

Tot Ion: 75 Resp: 154647

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

120000

100000

80000

60000

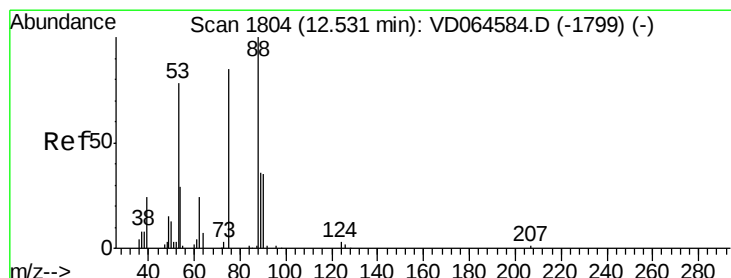
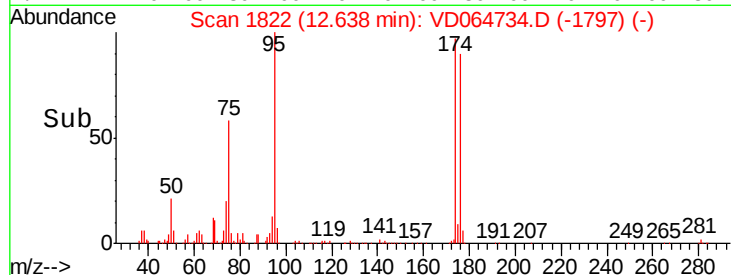
40000

20000

0

12.60 12.64 12.70

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 126.337 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064734.D

Acq: 03 Jan 2020 15:08

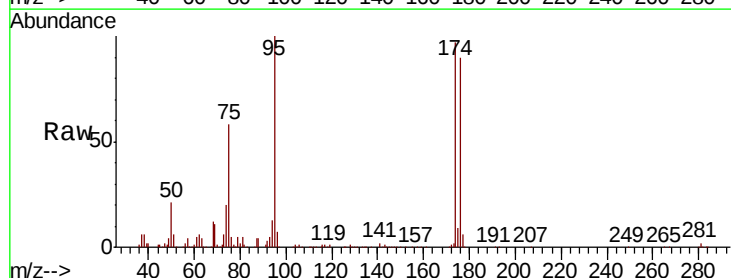
Tgt Ion: 75 Resp: 154647

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 38.3 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

100000

50000

0

12.60 12.64 12.70

Time-->

