

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064759.D
 Acq On : 04 Jan 2020 04:28
 Operator : VA/SY
 Sample : L1028-0-1
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:52:56 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

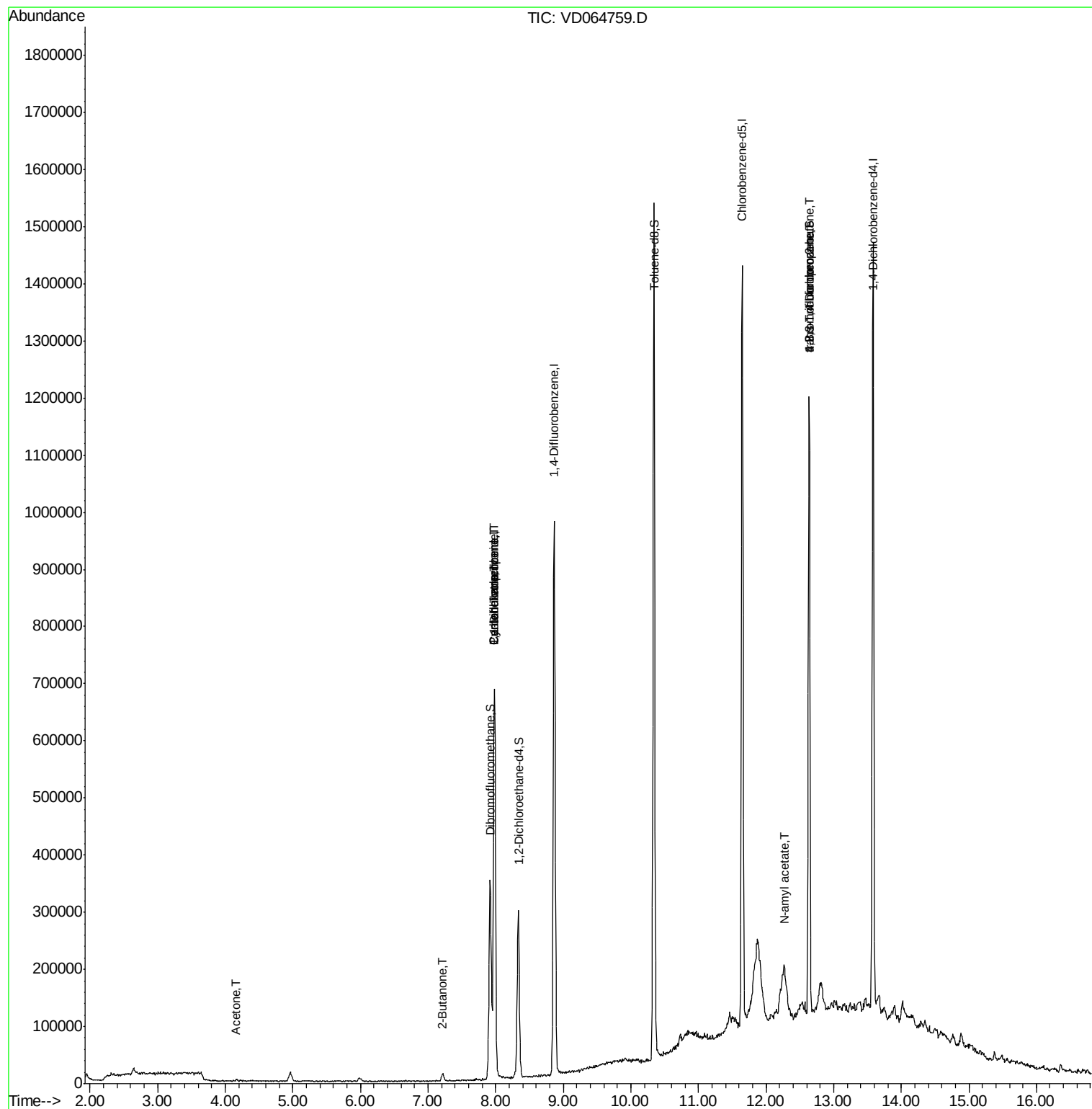
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	544908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	817015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	759830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	364892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	232550	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
35) Dibromofluoromethane	7.92	113	239097	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	10.34	98	996143	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.64	95	319474	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	2096	6.014	ug/l #	66
20) Methylene Chloride	4.96	84	11570	Below Cal		93
25) 2-Butanone	7.21	43	1941	1.470	ug/l	93
31) Cyclohexane	7.97	56	12599	1.406	ug/l #	38
36) 1,1-Dichloropropene	7.98	75	39021	4.962	ug/l #	50
38) Carbon Tetrachloride	7.98	117	48793	5.819	ug/l #	16
74) N-amyl acetate	12.27	43	7839	1.406	ug/l #	68
76) 1,2,3-Trichloropropane	12.64	75	171689	59.585	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	171689	124.620	ug/l #	10

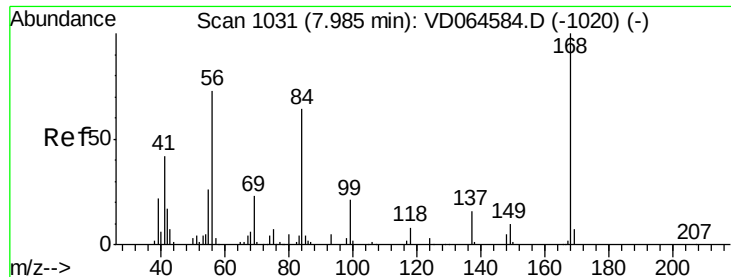
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010320\
Data File : VD064759.D
Acq On : 04 Jan 2020 04:28
Operator : VA/SY
Sample : L1028-0-1
Misc : 4.99G/5.00ml/MSVOA D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 06 06:52:56 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: VD064759.D

Acq: 04 Jan 2020 04:28

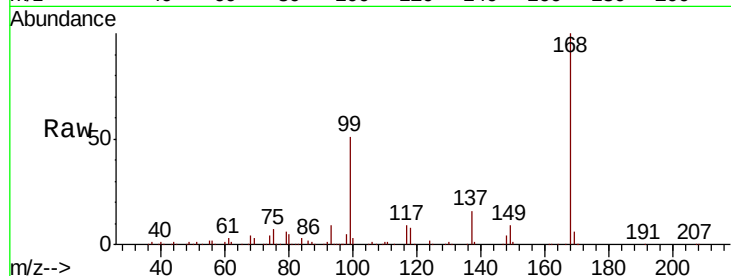
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 544908

Ion Ratio Lower Upper

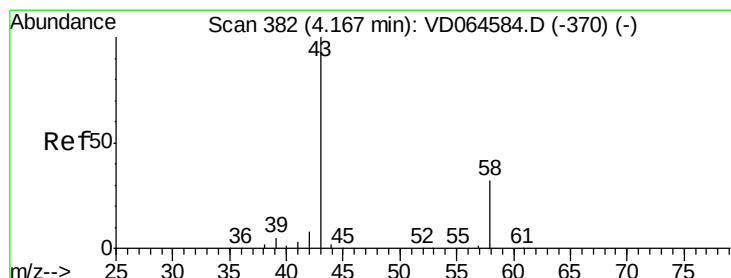
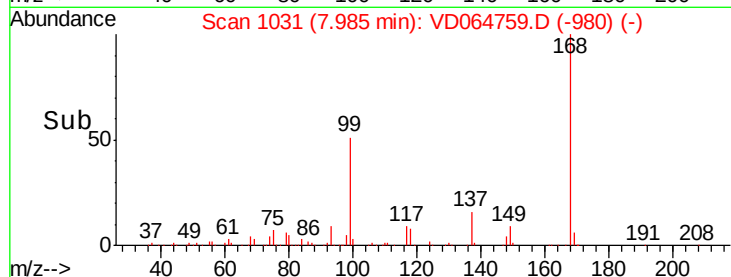
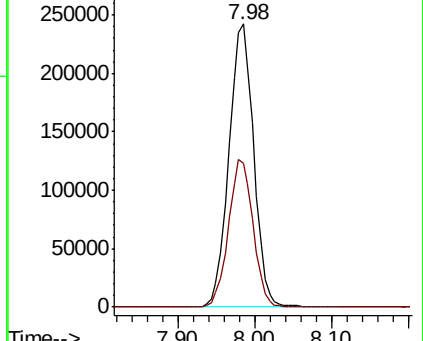
168 100

99 50.8 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: 6.014 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064759.D

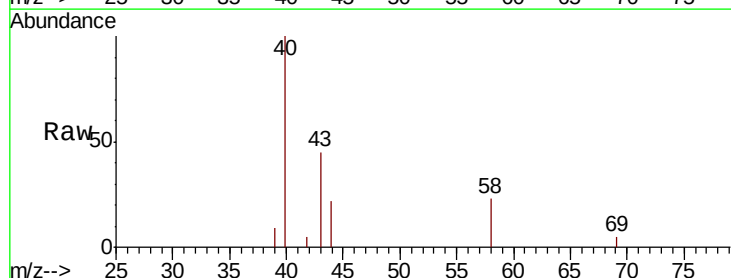
Acq: 04 Jan 2020 04:28

Tgt Ion: 43 Resp: 2096

Ion Ratio Lower Upper

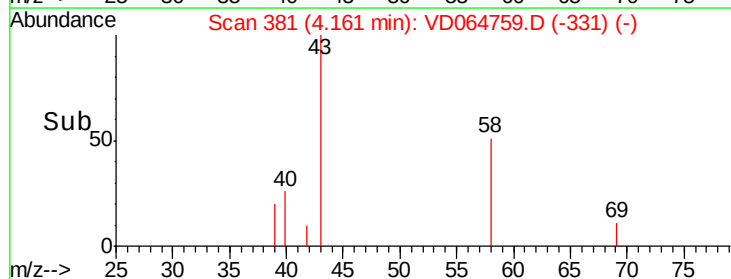
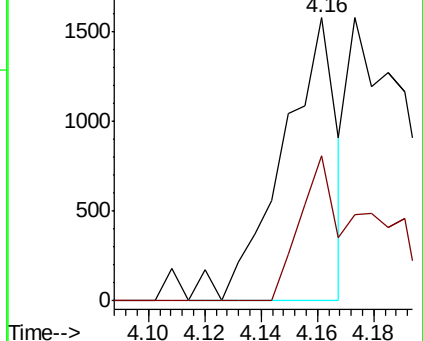
43 100

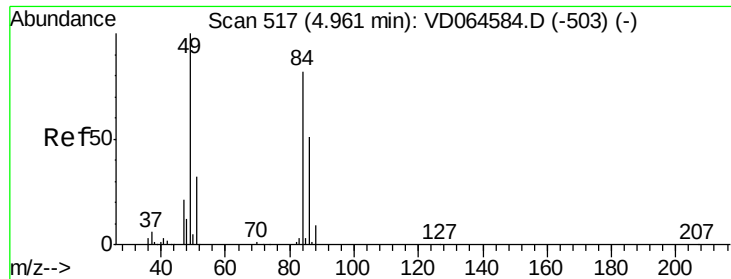
58 51.4 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

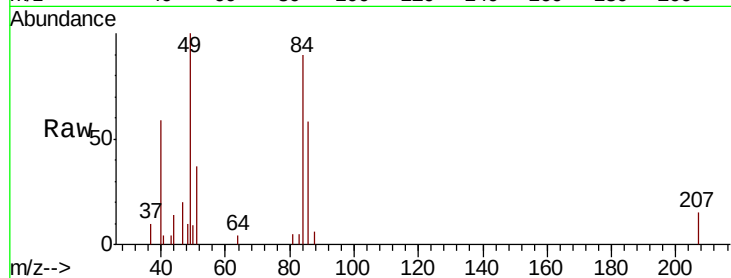




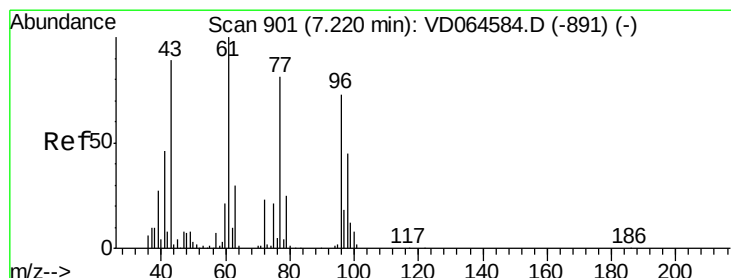
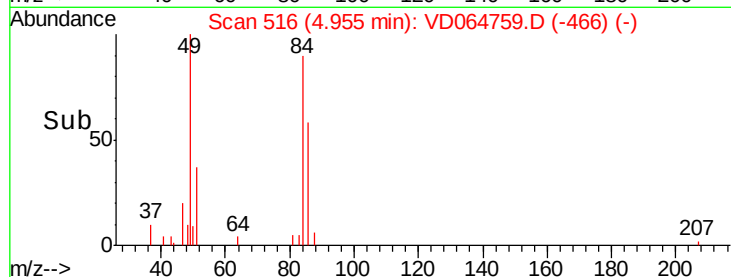
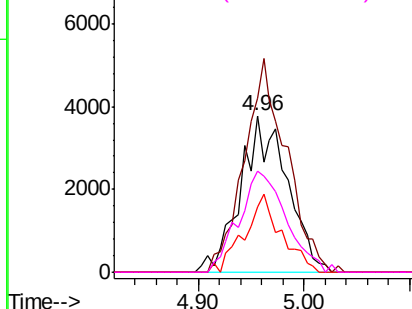
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064759.D
Acq: 04 Jan 2020 04:28

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 11570
Ion Ratio Lower Upper
84 100
49 111.1 97.2 145.8
51 41.3 31.4 47.0
86 64.3 49.3 73.9

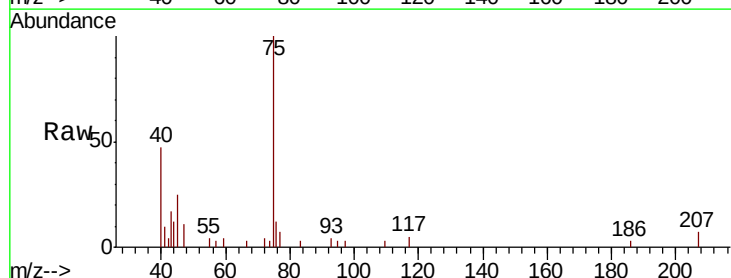


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

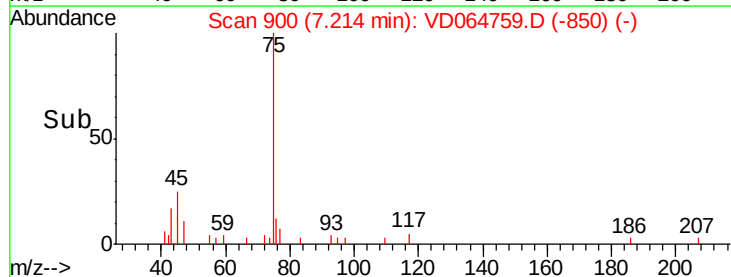
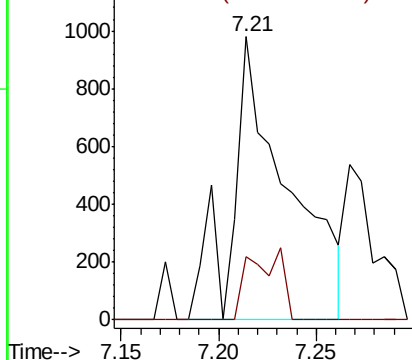


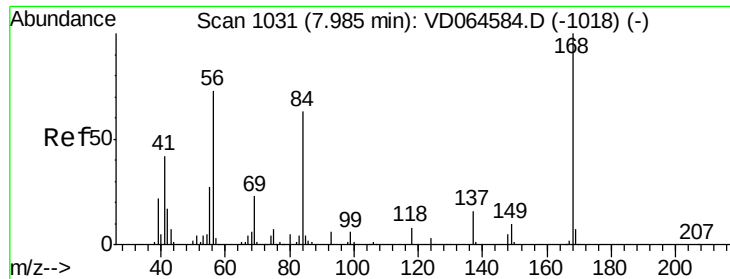
#25
2-Butanone
Concen: 1.470 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD064759.D
Acq: 04 Jan 2020 04:28

Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
72 22.5 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

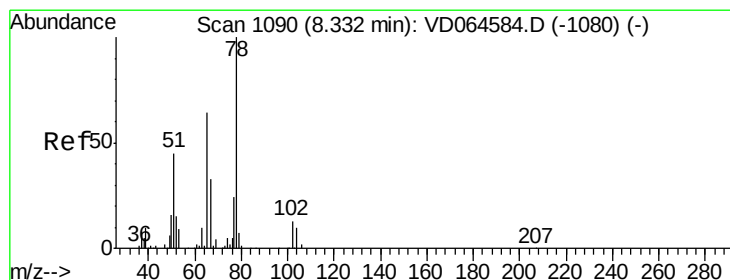
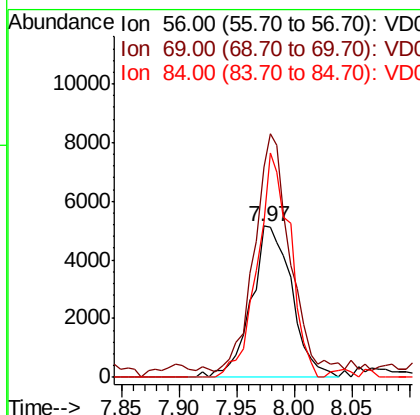
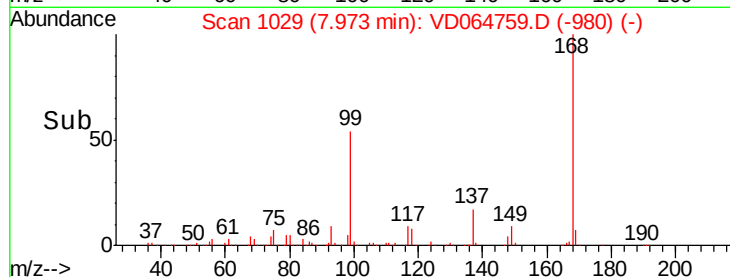
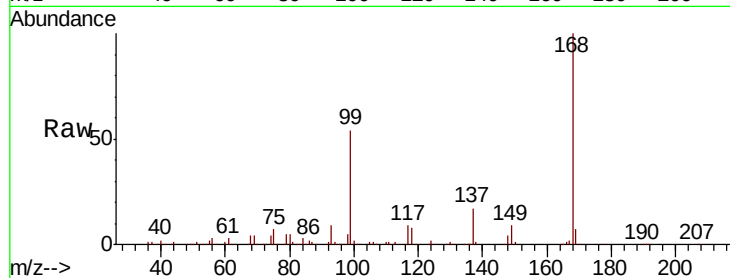




#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD064759.D
Acq: 04 Jan 2020 04:28

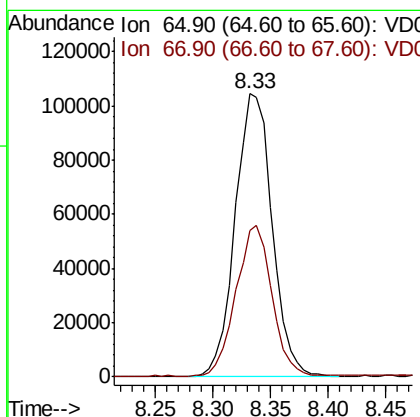
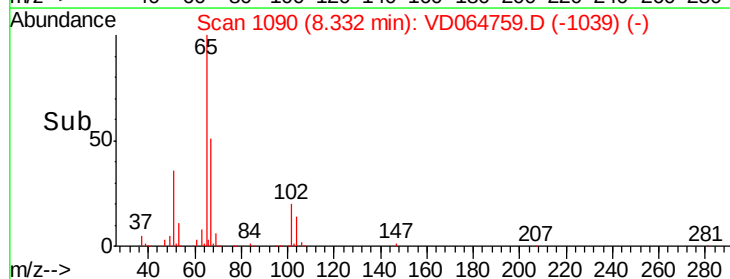
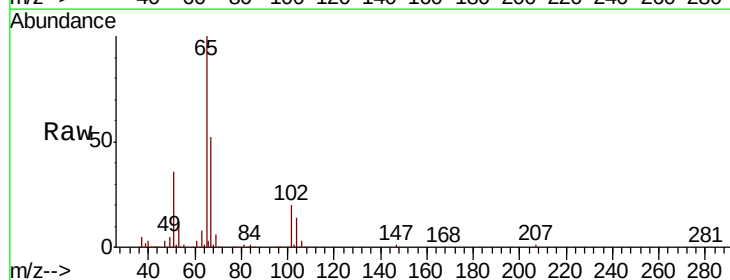
Instrument :
MSVOA_D
ClientSampleId :

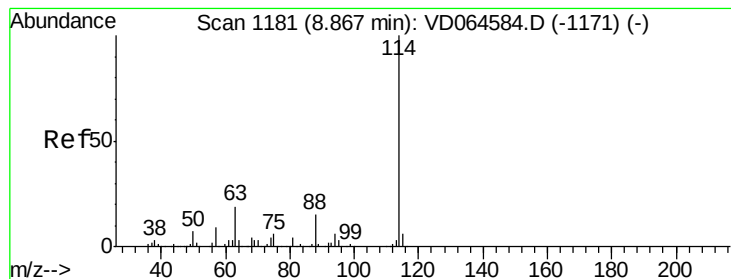
Tot Ion: 56 Resp: 12599
Ion Ratio Lower Upper
56 100
69 133.2 24.7 37.1#
84 103.0 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 48.398 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064759.D
Acq: 04 Jan 2020 04:28

Tgt Ion: 65 Resp: 232550
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: VD064759.D

Acq: 04 Jan 2020 04:28

Instrument :

MSVOA_D

ClientSampled :

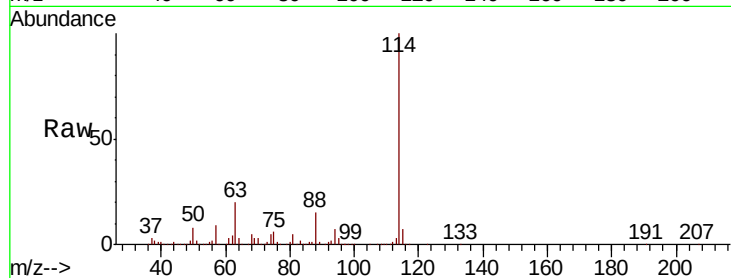
Tot Ion:114 Resp: 817015

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

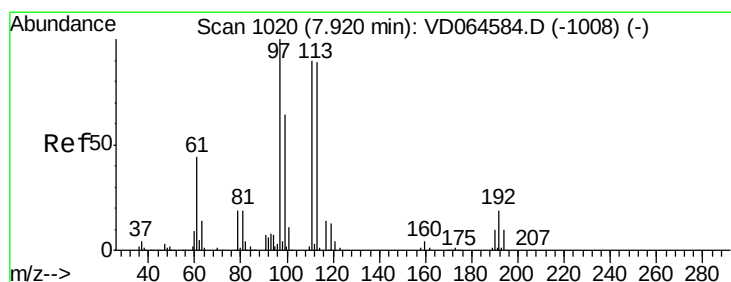
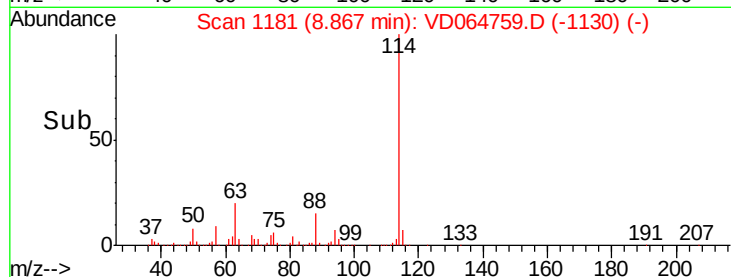
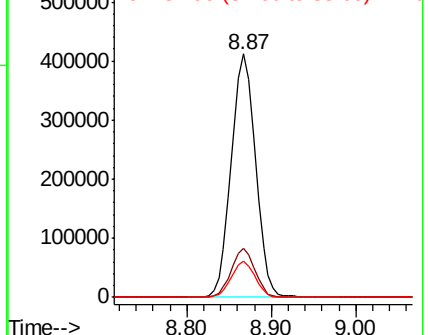
88 14.9 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 47.700 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064759.D

Acq: 04 Jan 2020 04:28

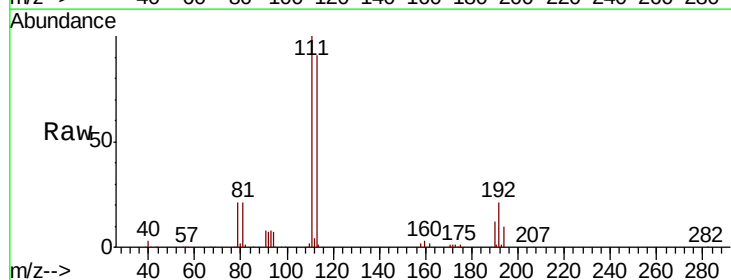
Tgt Ion:113 Resp: 239097

Ion Ratio Lower Upper

113 100

111 104.9 80.6 121.0

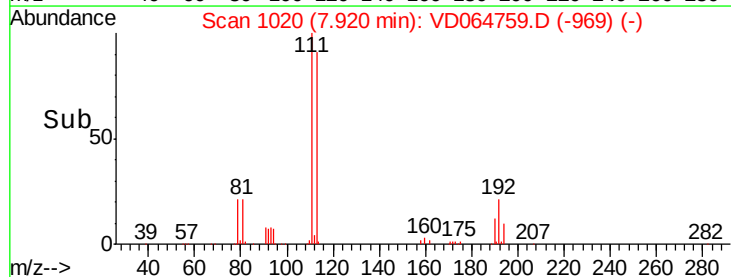
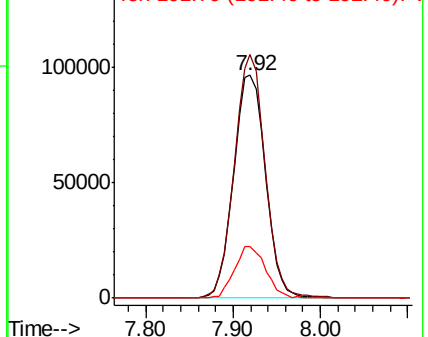
192 22.6 17.9 26.9

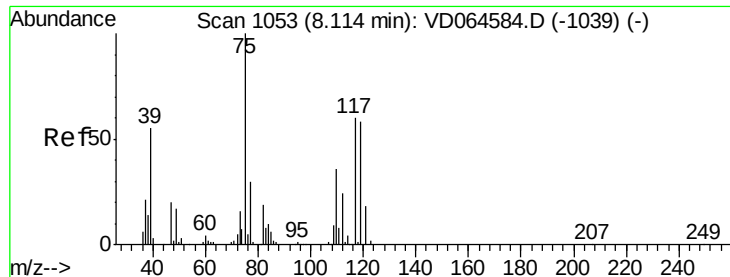


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.962 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064759.D

Acq: 04 Jan 2020 04:28

Instrument :

MSVOA_D

ClientSampleId :

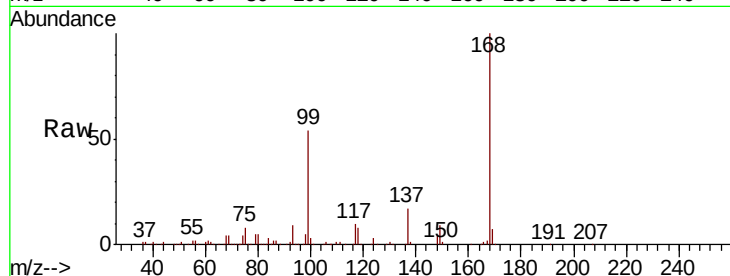
Tot Ion: 75 Resp: 39021

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.1#

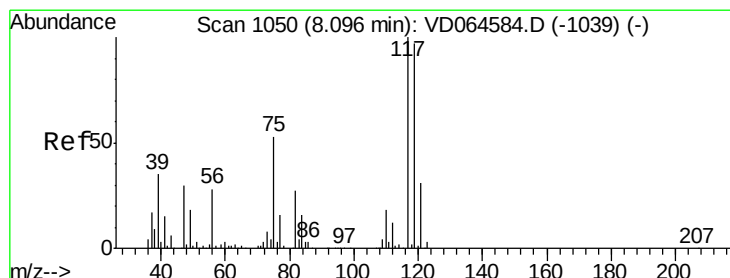
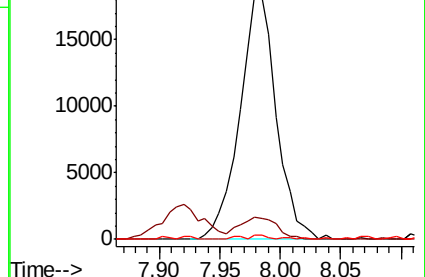
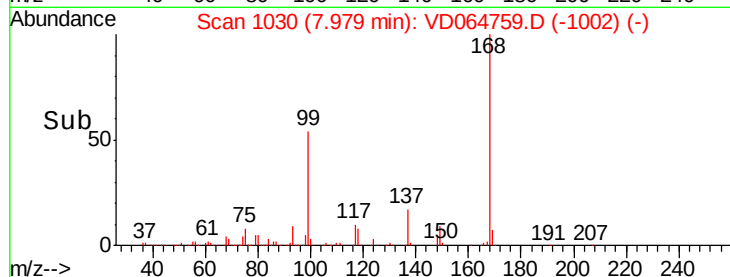
77 0.7 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VD064759.D (-999) (-)

Ion 109.90 (109.60 to 110.60): VD064759.D (-999) (-)

Ion 76.90 (76.60 to 77.60): VD064759.D (-999) (-)



#38

Carbon Tetrachloride

Concen: 5.819 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064759.D

Acq: 04 Jan 2020 04:28

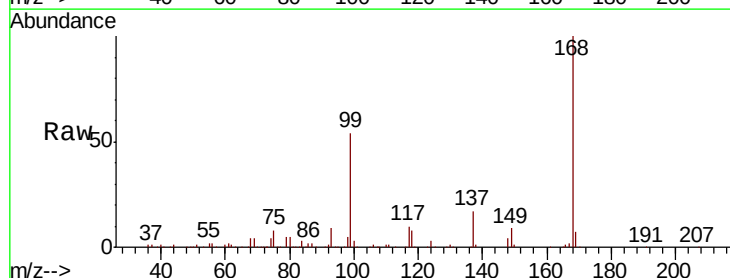
Tgt Ion: 117 Resp: 48793

Ion Ratio Lower Upper

117 100

119 4.9 77.3 115.9#

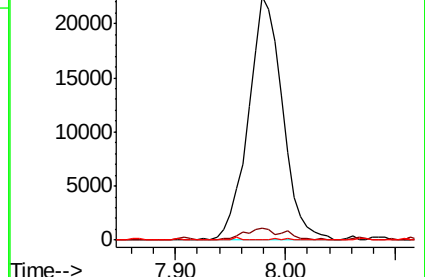
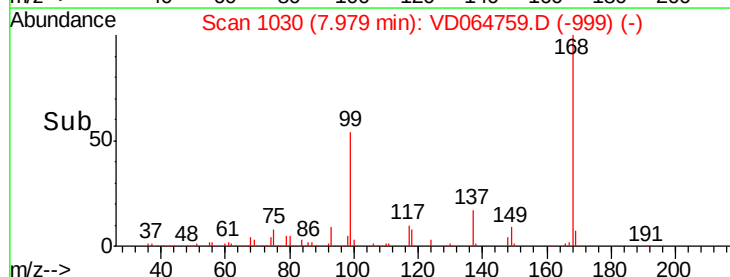
121 0.0 25.0 37.6#

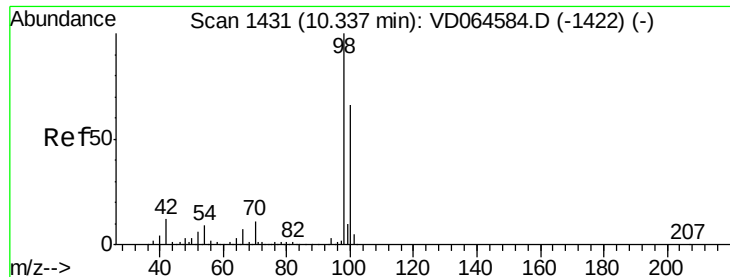


Abundance Ion 116.80 (116.50 to 117.50): VD064759.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD064759.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD064759.D (-999) (-)

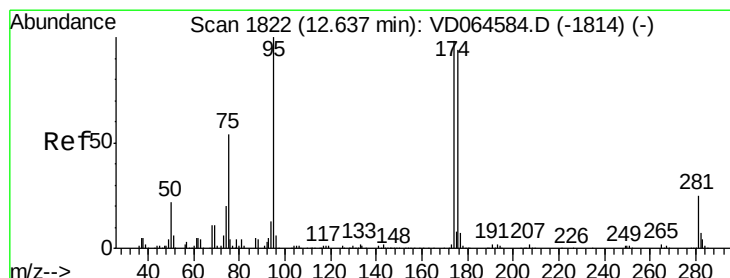
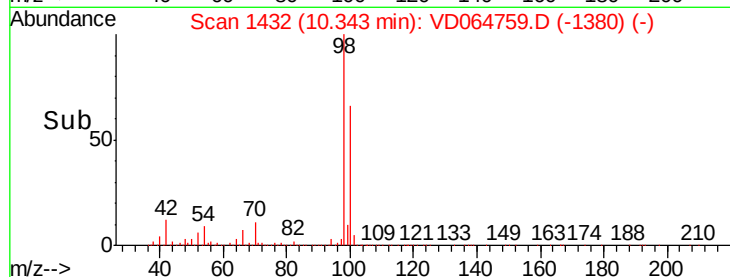
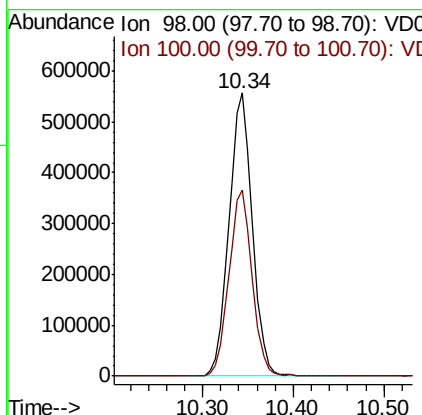
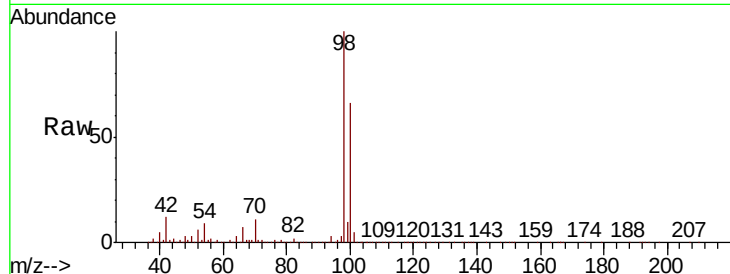




#50
Toluene-d8
Concen: 51.889 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064759.D
Acq: 04 Jan 2020 04:28

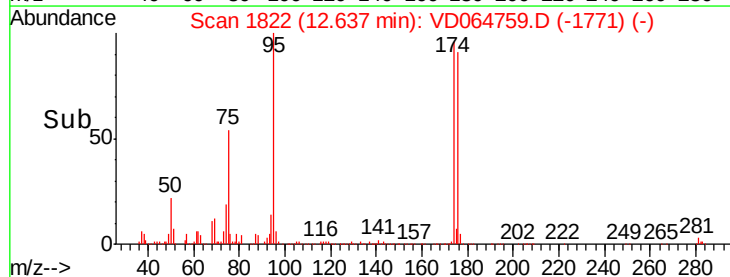
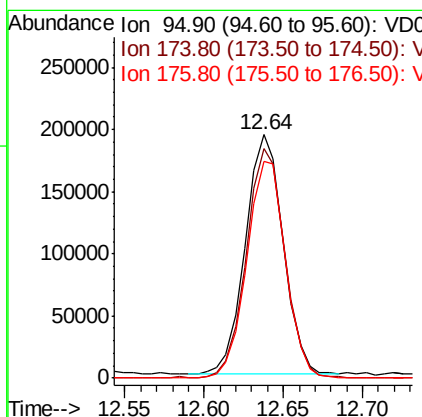
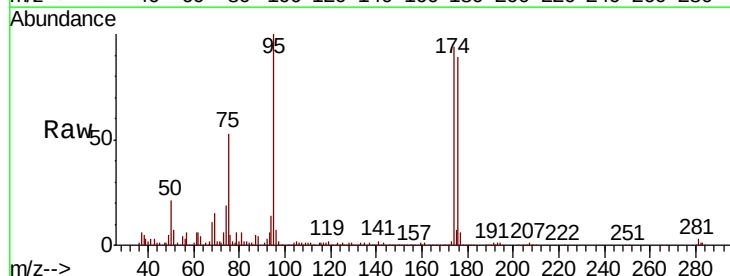
Instrument :
MSVOA_D
ClientSampleId :

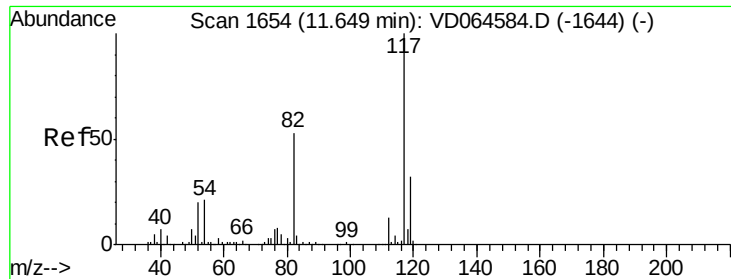
Tot Ion: 98 Resp: 996143
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.628 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064759.D
Acq: 04 Jan 2020 04:28

Tgt Ion: 95 Resp: 319474
Ion Ratio Lower Upper
95 100
174 97.2 0.0 193.2
176 92.9 0.0 184.2

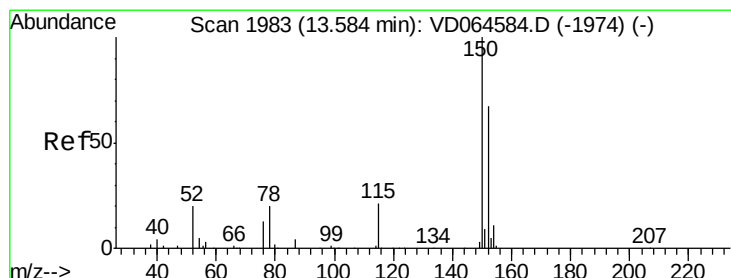
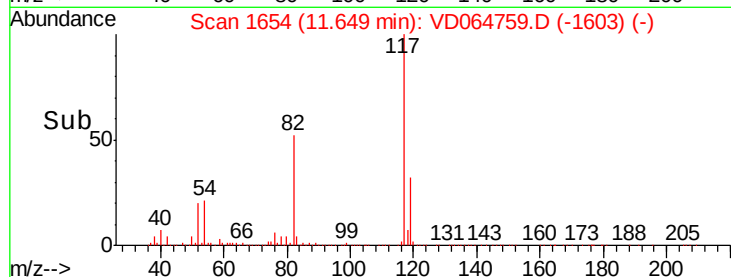
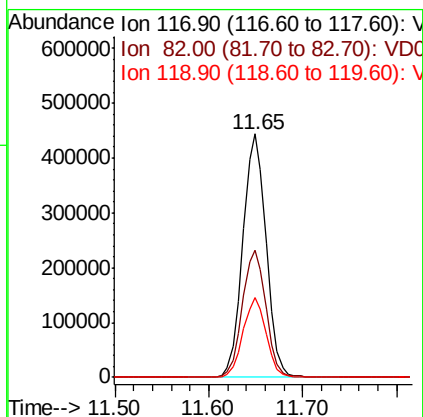
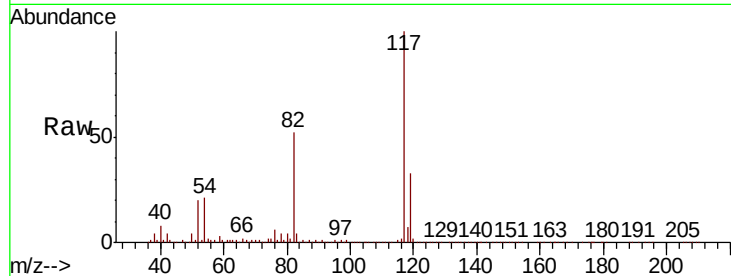




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064759.D
Acq: 04 Jan 2020 04:28

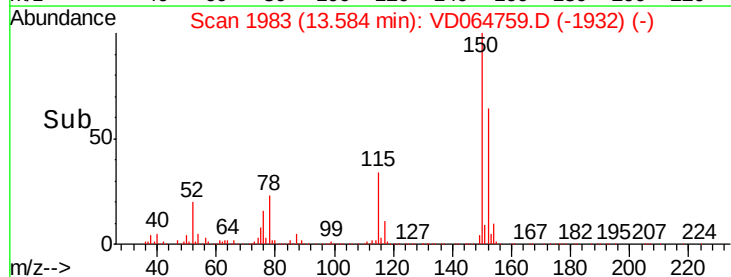
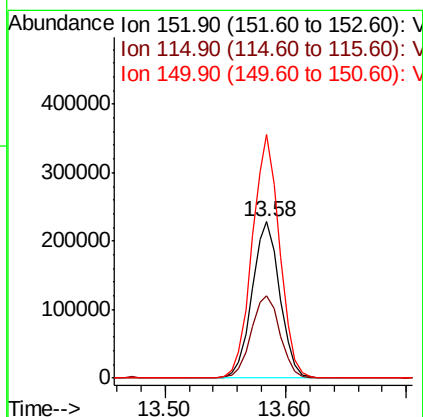
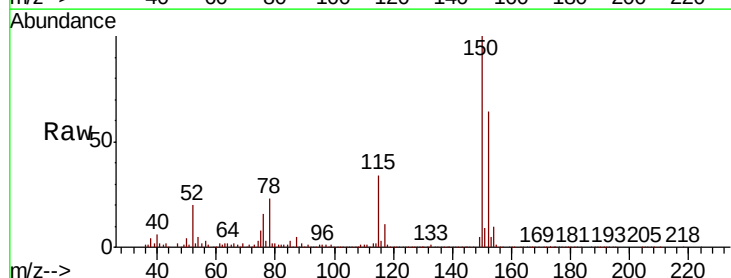
Instrument :
MSVOA_D
ClientSampled :

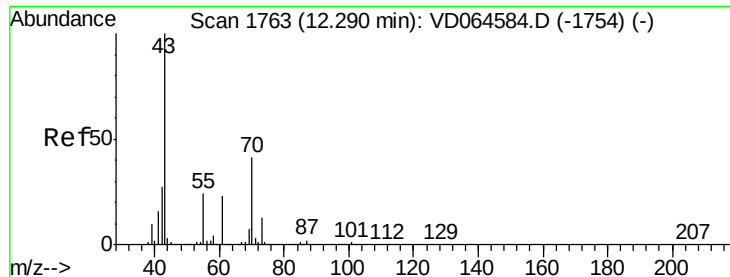
Tot Ion:117 Resp: 759830
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064759.D
Acq: 04 Jan 2020 04:28

Tgt Ion:152 Resp: 364892
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.4
150 153.7 0.0 351.4





#74

N-amvl acetate

Concen: 1.406 ug/l

RT: 12.27 min Scan# 1760

Delta R.T. -0.02 min

Lab File: VD064759.D

Acq: 04 Jan 2020 04:28

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 43 Resp: 7839

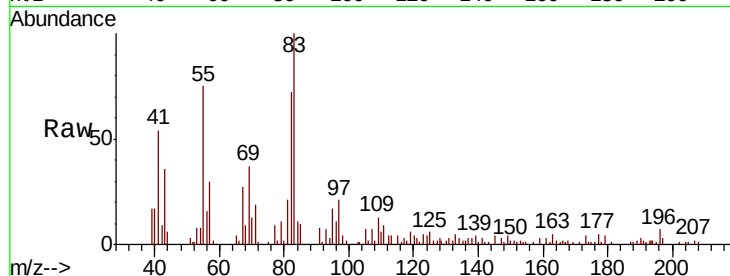
Ion Ratio Lower Upper

43 100

70 32.9 33.4 50.0#

55 0.0 19.4 29.0#

61 0.0 18.3 27.5#

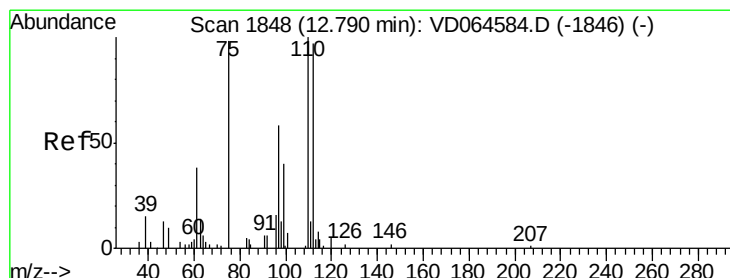
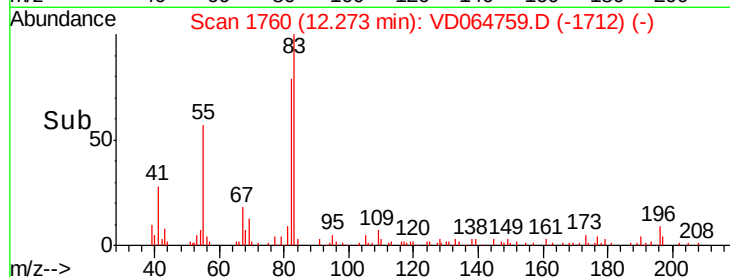
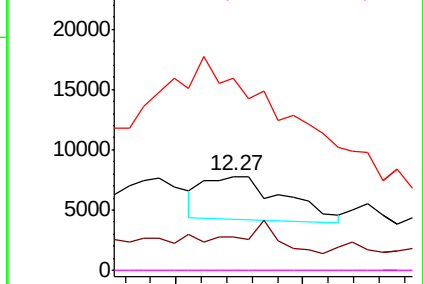


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC



#76

1,2,3-Trichloropropane

Concen: 59.585 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064759.D

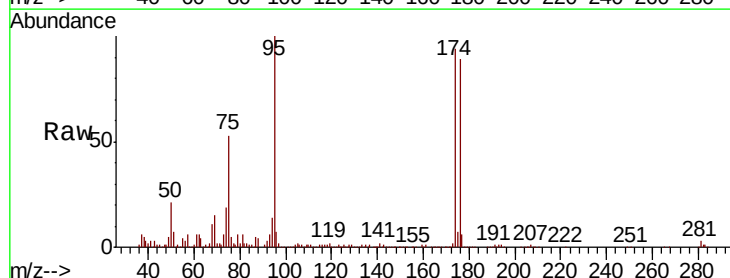
Acq: 04 Jan 2020 04:28

Tgt Ion: 75 Resp: 171689

Ion Ratio Lower Upper

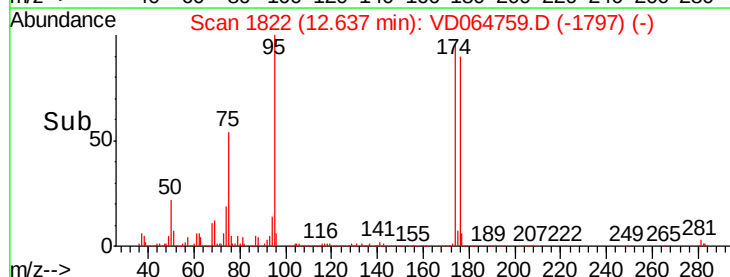
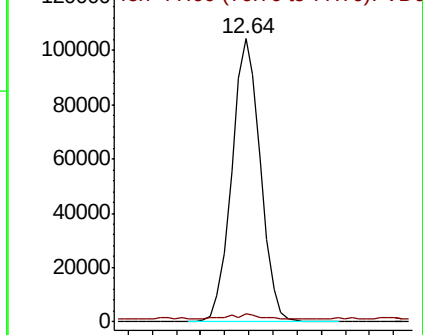
75 100

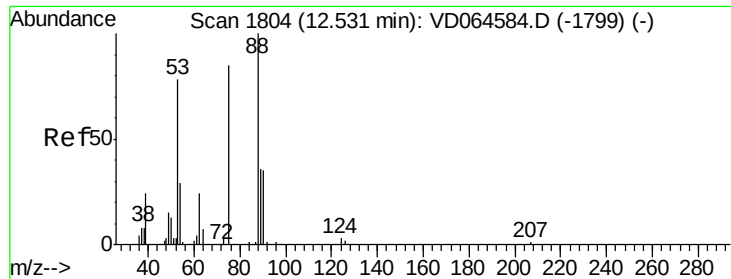
77 2.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.620 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064759.D
 Acq: 04 Jan 2020 04:28

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 171689
 Ion Ratio Lower Upper
 75 100
 53 0.5 78.8 118.2#
 89 0.1 38.3 57.5#

