

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
 Data File : VD064537.D
 Acq On : 17 Dec 2019 11:13
 Operator : VA/SY
 Sample : VD1217SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1217SBL01

Quant Time: Dec 18 00:46:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	512655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	807854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	785475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	395463	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	228105	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.32%		
35) Dibromofluoromethane	7.92	113	247060	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.08%		
50) Toluene-d8	10.34	98	979422	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.16%		
62) 4-Bromofluorobenzene	12.64	95	345080	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	112.00%		

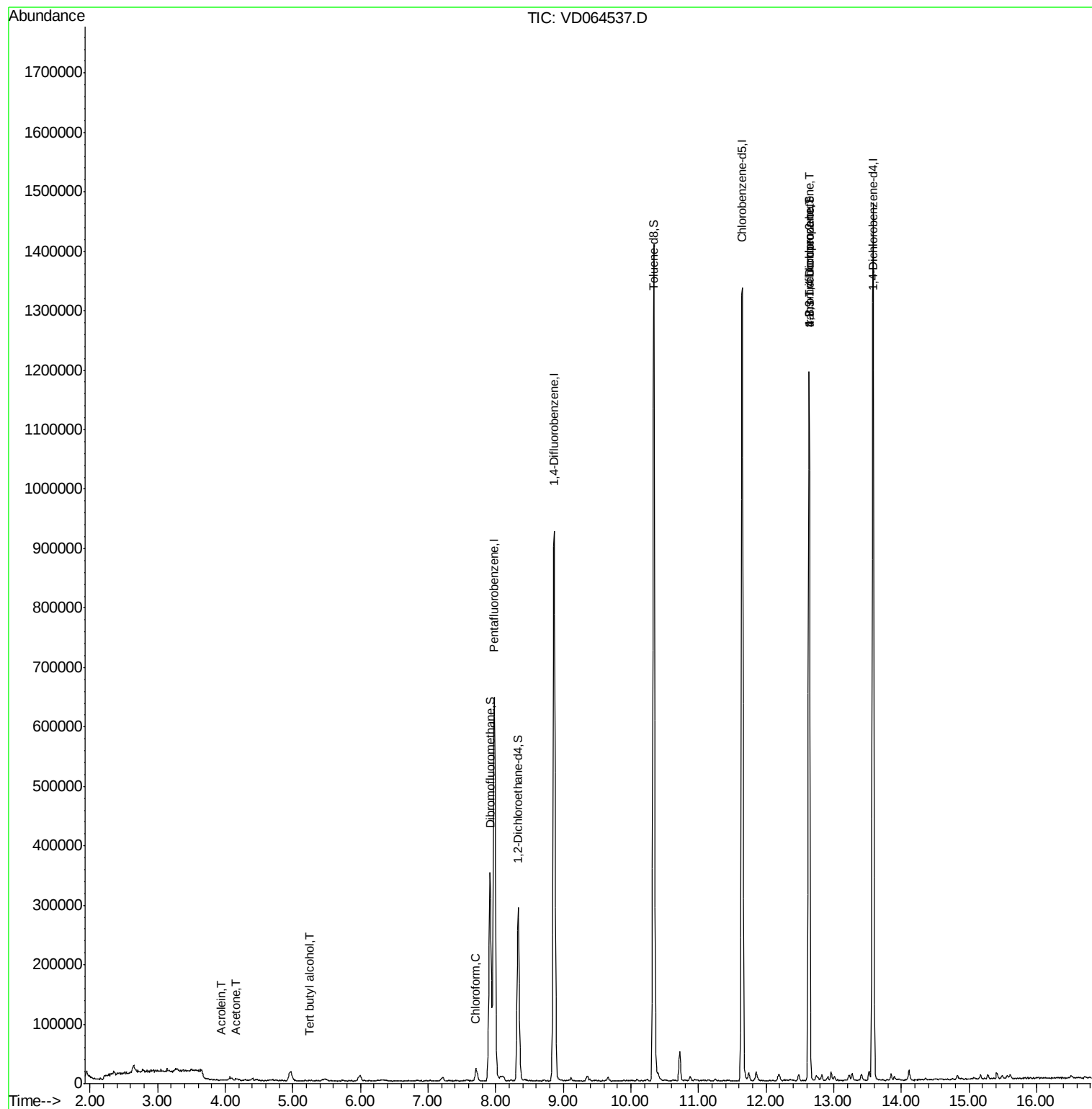
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	499	1.689	ug/l #	100
13) Acrolein	3.93	56	567	1.407	ug/l #	28
16) Acetone	4.17	43	5145	5.487	ug/l #	75
20) Methylene Chloride	4.95	84	6282	Below Cal	#	86
30) Chloroform	7.71	83	17927	2.022	ug/l	88
31) Cyclohexane	7.98	56	13069	Below Cal	#	40
76) 1,2,3-Trichloropropane	12.64	75	178992	55.038	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	178992	120.011	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.75	75	125	Below Cal	#	1

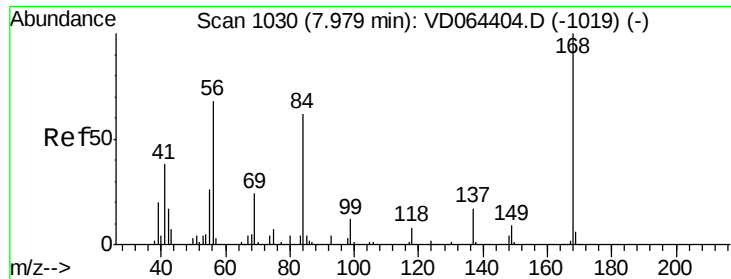
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
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Instrument :
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ClientSampleId :
VD1217SBL01

Quant Time: Dec 18 00:46:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064537.D

Acq: 17 Dec 2019 11:13

Instrument :

MSVOA_D

ClientSampleId :

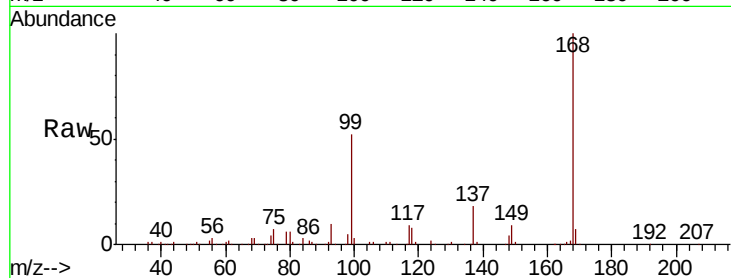
VD1217SBL01

Tgt Ion:168 Resp: 512655

Ion Ratio Lower Upper

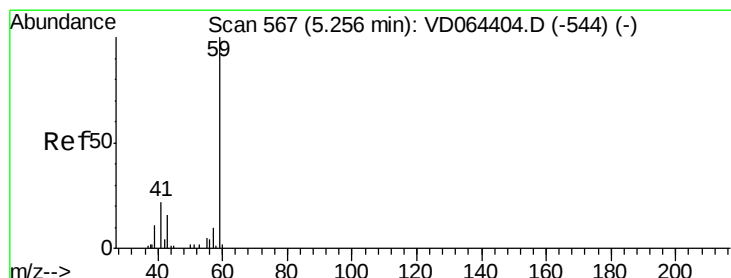
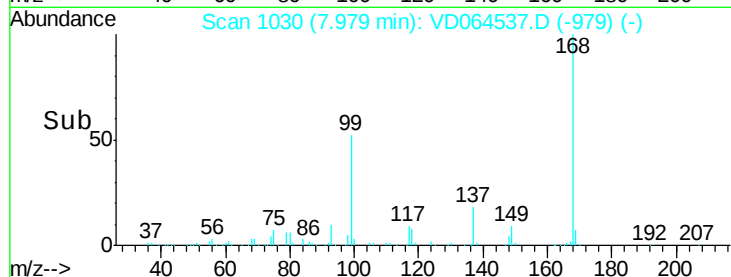
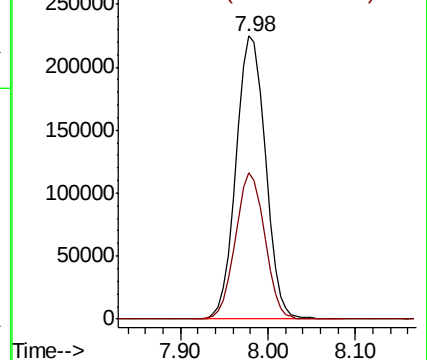
168 100

99 51.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 1.689 ug/l

RT: 5.24 min Scan# 565

Delta R.T. -0.01 min

Lab File: VD064537.D

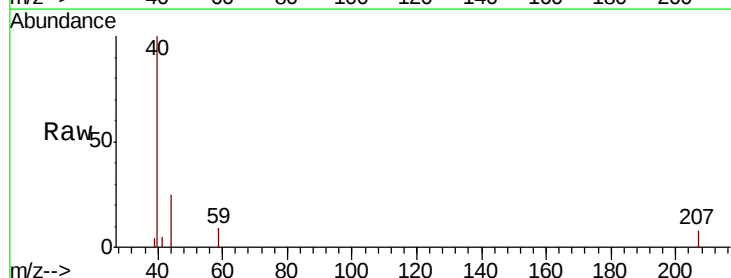
Acq: 17 Dec 2019 11:13

Tgt Ion: 59 Resp: 499

Ion Ratio Lower Upper

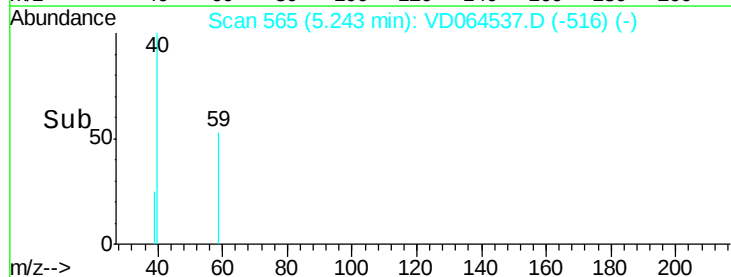
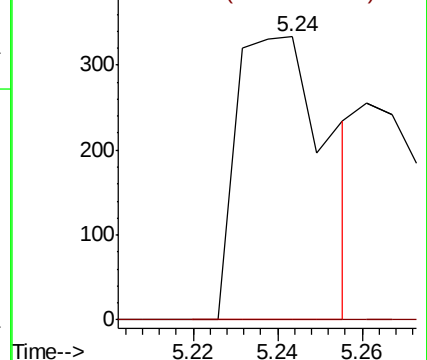
59 100

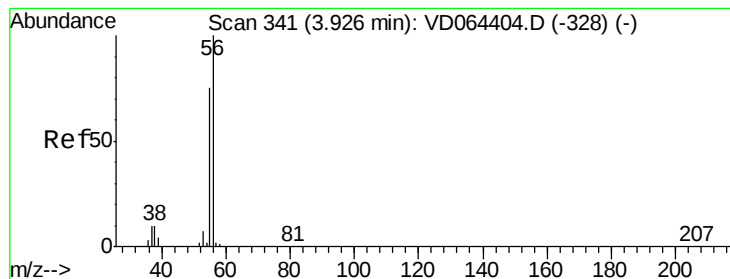
57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#13

Acrolein

Concen: 1.407 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD064537.D

Acq: 17 Dec 2019 11:13

Instrument :

MSVOA_D

ClientSampleId :

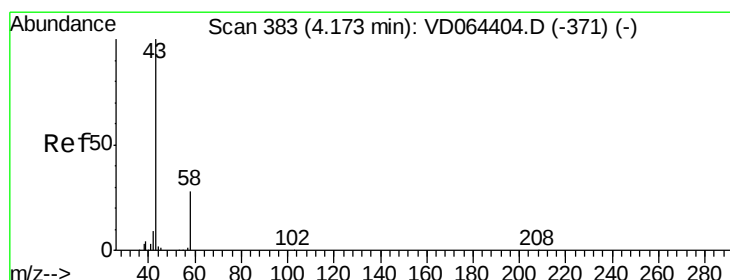
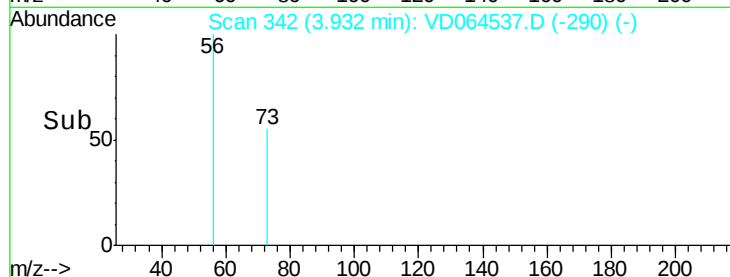
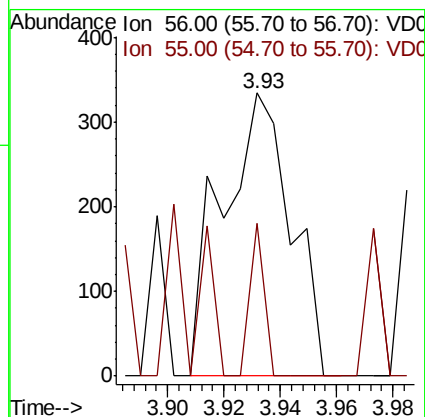
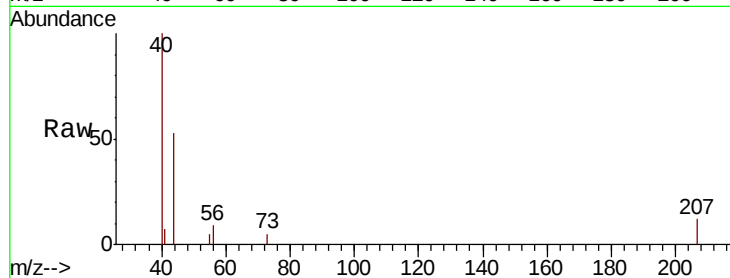
VD1217SBL01

Tgt Ion: 56 Resp: 567

Ion Ratio Lower Upper

56 100

55 11.1 56.9 85.3#



#16

Acetone

Concen: 5.487 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064537.D

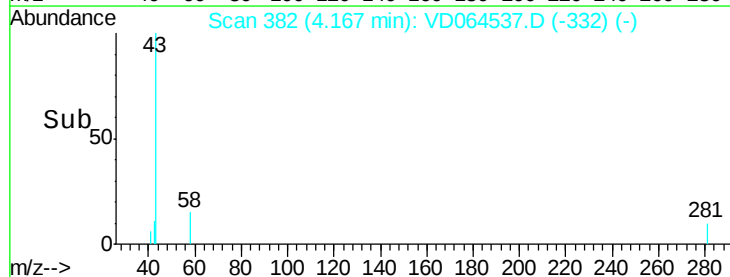
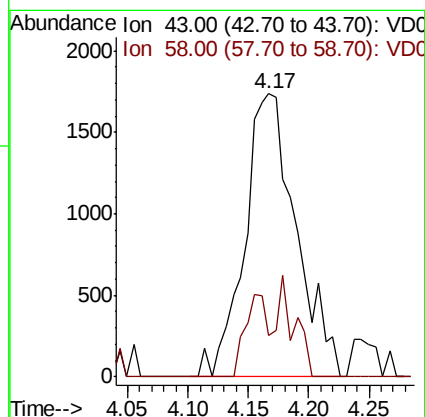
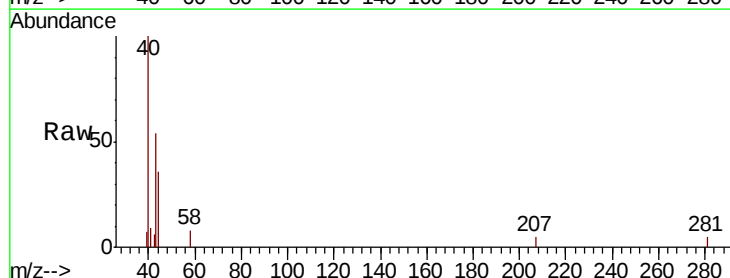
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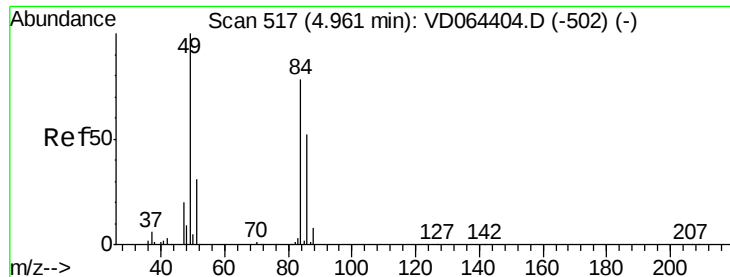
Tgt Ion: 43 Resp: 5145

Ion Ratio Lower Upper

43 100

58 14.8 22.6 33.8#

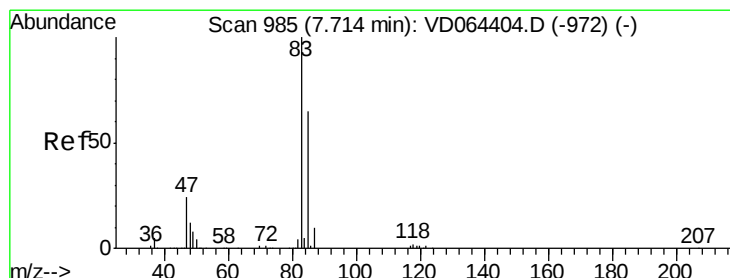
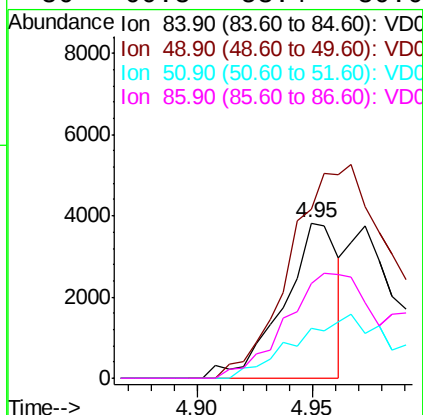
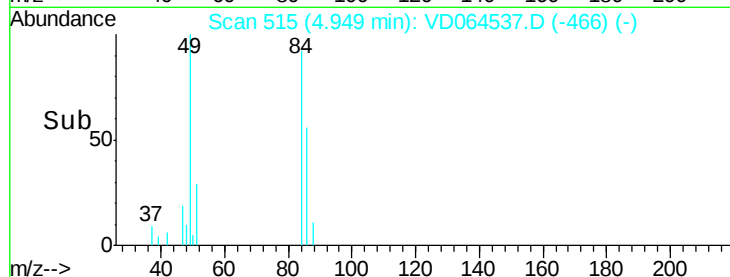
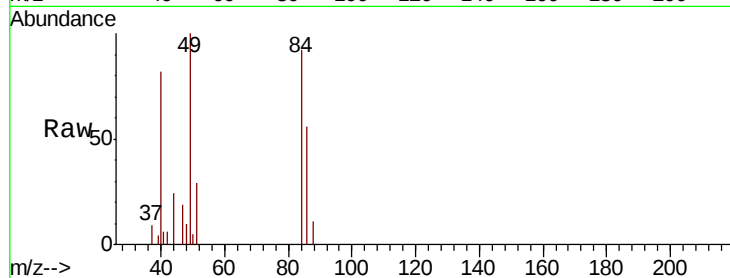




#20
Methylene Chloride
Concen: Below Cal
RT: 4.95 min Scan# 515
Delta R.T. -0.01 min
Lab File: VD064537.D
Acq: 17 Dec 2019 11:13

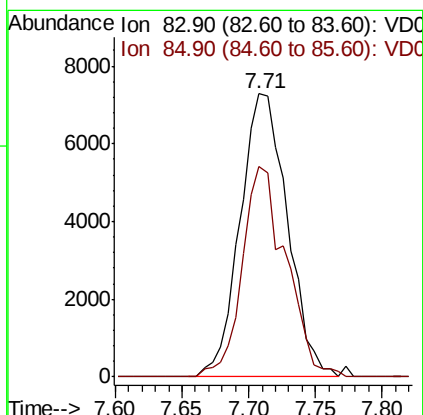
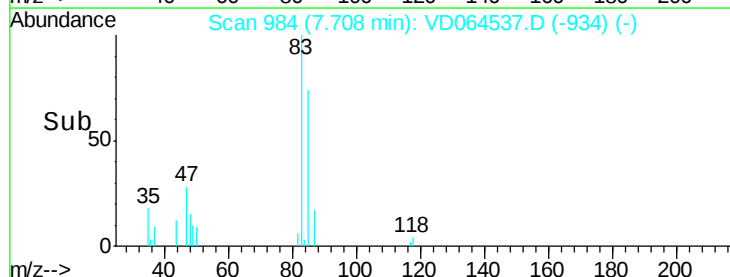
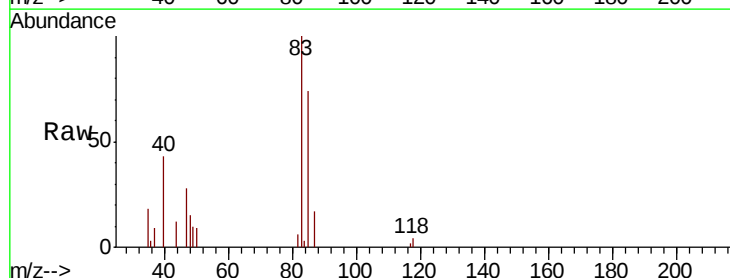
Instrument :
MSVOA_D
ClientSampleId :
VD1217SBL01

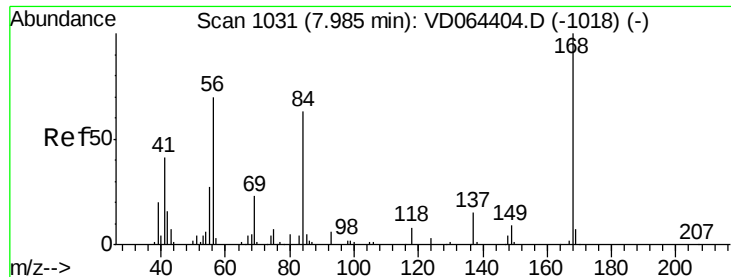
Tgt Ion: 84 Resp: 6282
Ion Ratio Lower Upper
84 100
49 108.7 102.6 153.8
51 31.8 32.0 48.0#
86 60.8 53.4 80.0



#30
Chloroform
Concen: 2.022 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064537.D
Acq: 17 Dec 2019 11:13

Tgt Ion: 83 Resp: 17927
Ion Ratio Lower Upper
83 100
85 74.4 51.8 77.6

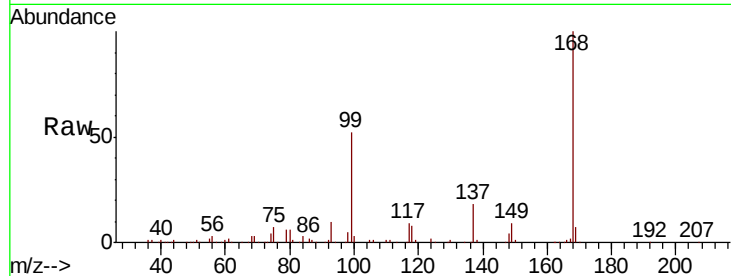




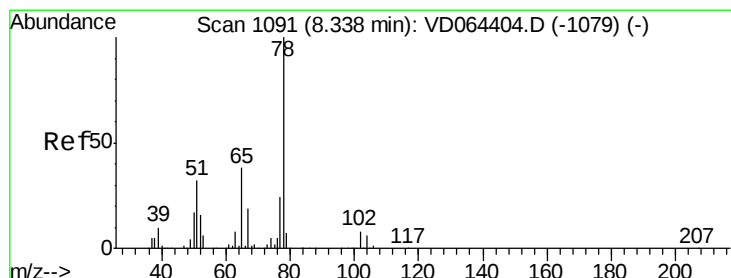
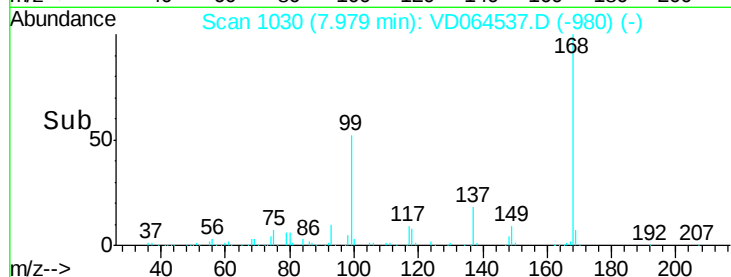
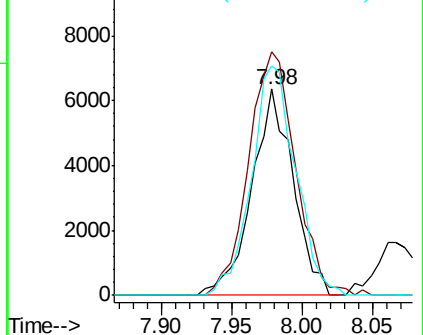
#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064537.D
Acq: 17 Dec 2019 11:13

Instrument :
MSVOA_D
ClientSampleId :
VD1217SBL01

Tgt Ion: 56 Resp: 13069
Ion Ratio Lower Upper
56 100
69 118.0 26.2 39.4#
84 111.5 70.3 105.5#

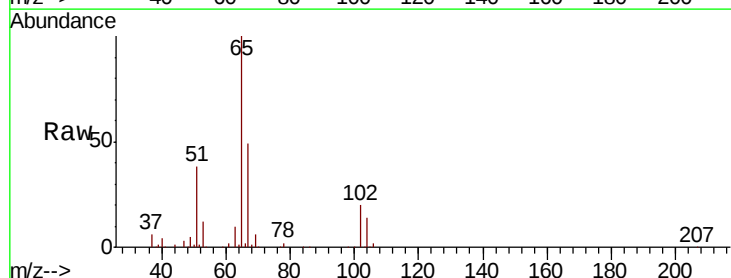


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

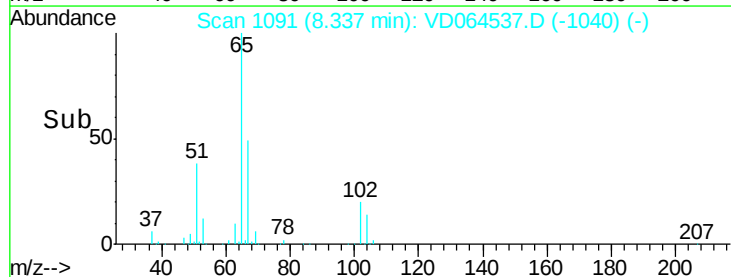
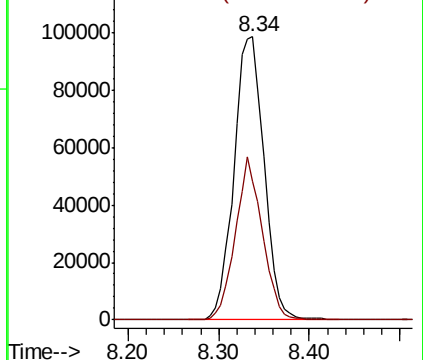


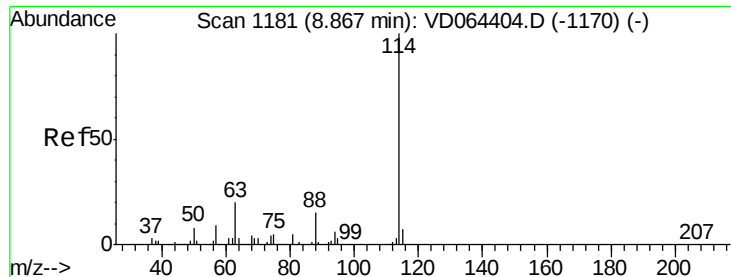
#33
1,2-Dichloroethane-d4
Concen: 49.158 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064537.D
Acq: 17 Dec 2019 11:13

Tgt Ion: 65 Resp: 228105
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

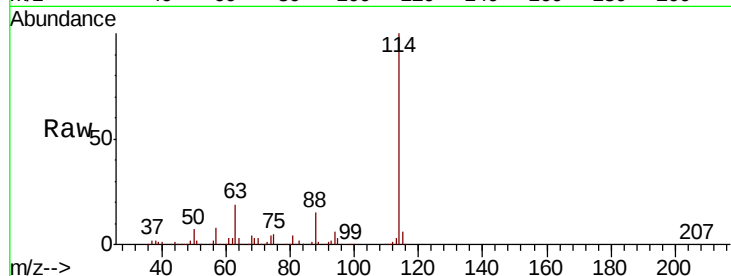




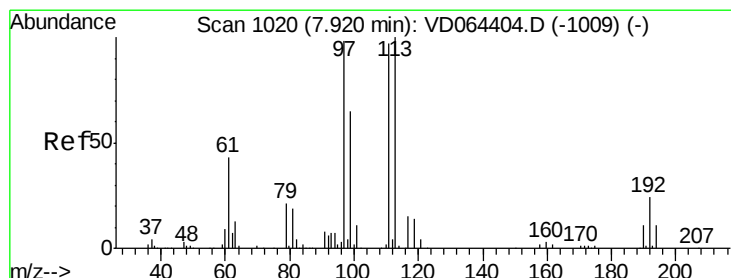
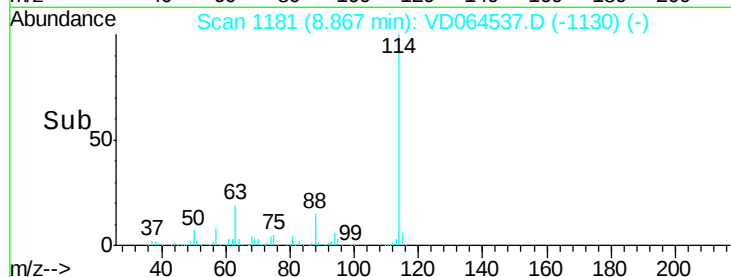
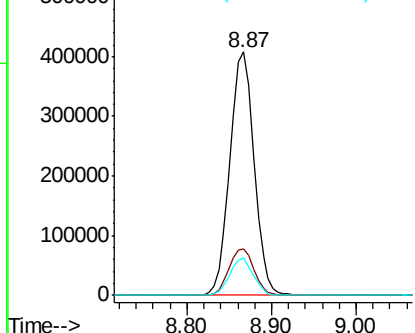
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064537.D
 Acq: 17 Dec 2019 11:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1217SBL01

Tgt Ion:114 Resp: 807854
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 15.2 0.0 29.2

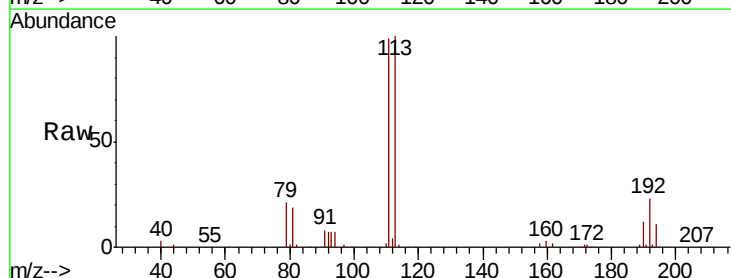


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

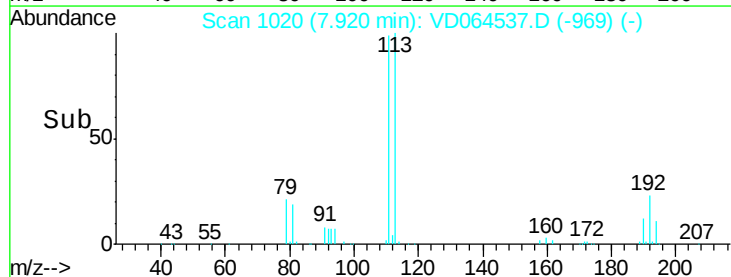
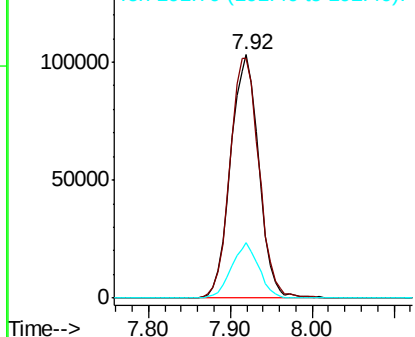


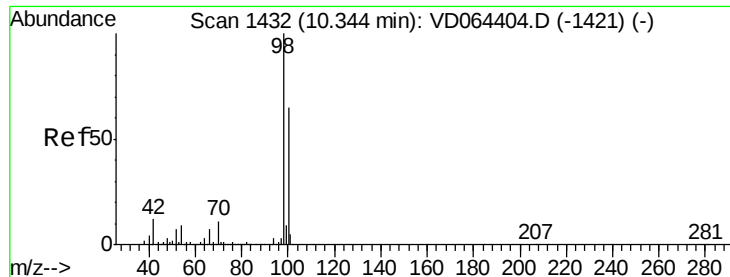
#35
 Dibromofluoromethane
 Concen: 48.539 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064537.D
 Acq: 17 Dec 2019 11:13

Tgt Ion:113 Resp: 247060
 Ion Ratio Lower Upper
 113 100
 111 101.6 79.4 119.2
 192 22.1 18.6 28.0



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

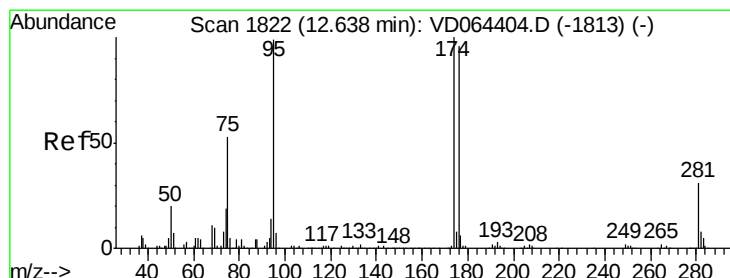
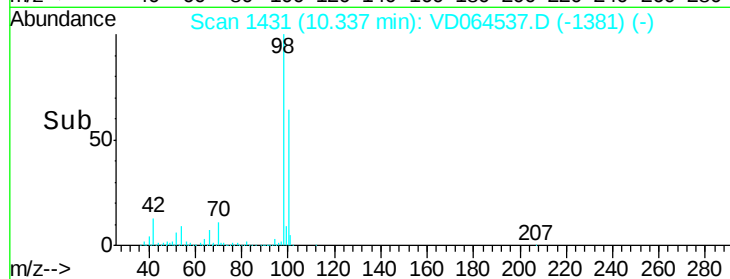
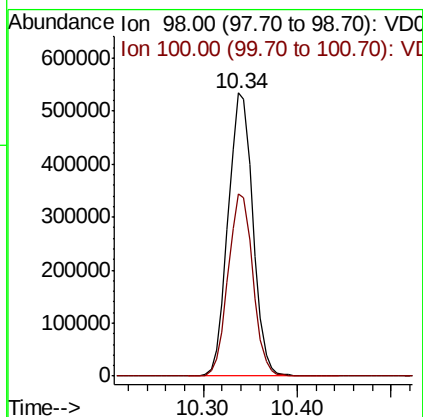
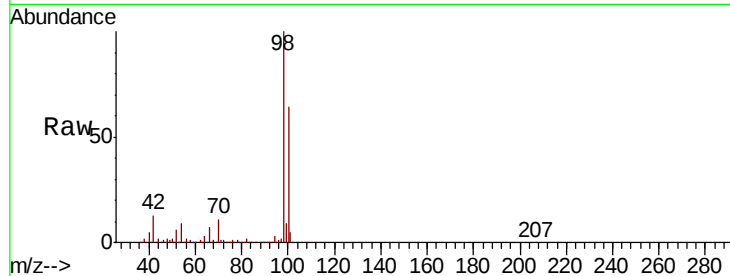




#50
Toluene-d8
Concen: 51.083 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064537.D
Acq: 17 Dec 2019 11:13

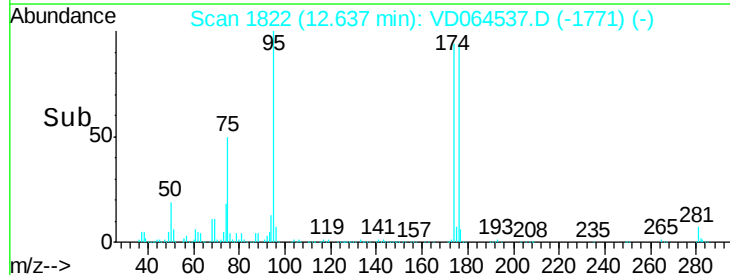
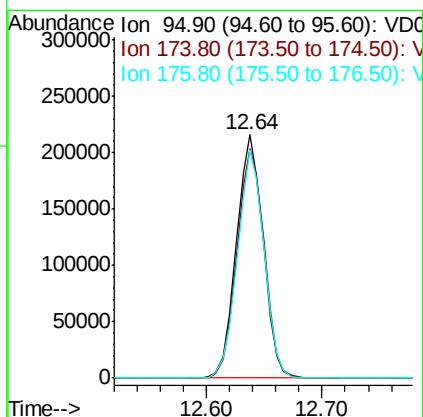
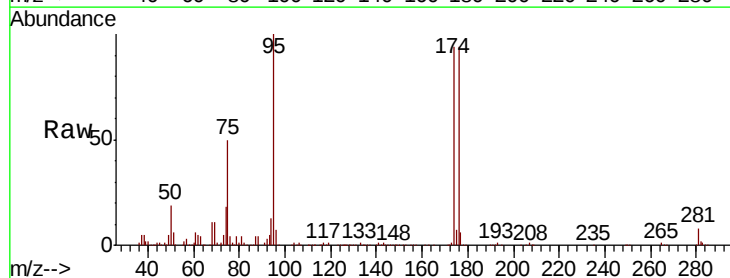
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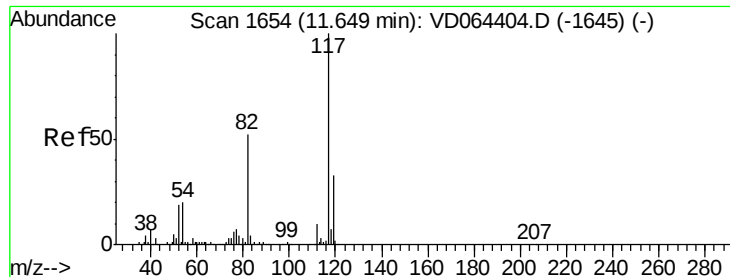
Tgt Ion: 98 Resp: 979422
Ion Ratio Lower Upper
98 100
100 64.3 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 56.004 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064537.D
Acq: 17 Dec 2019 11:13

Tgt Ion: 95 Resp: 345080
Ion Ratio Lower Upper
95 100
174 96.3 0.0 197.2
176 93.3 0.0 189.6

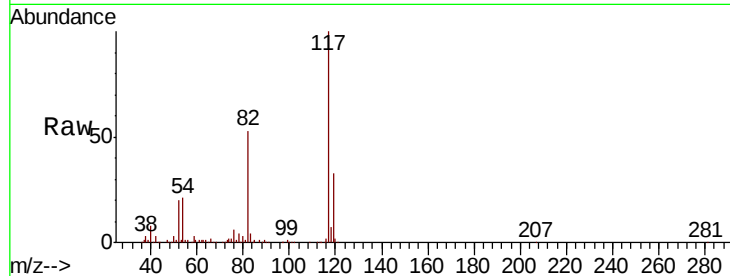




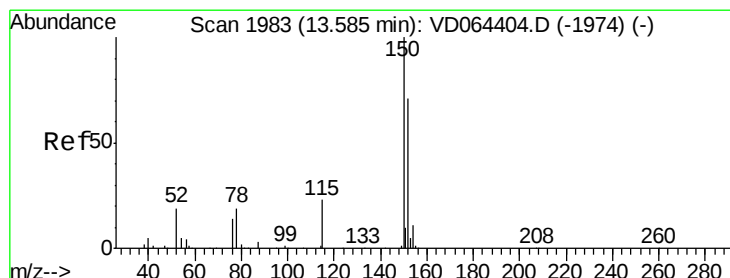
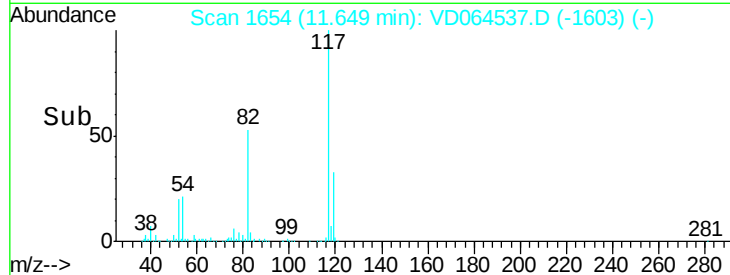
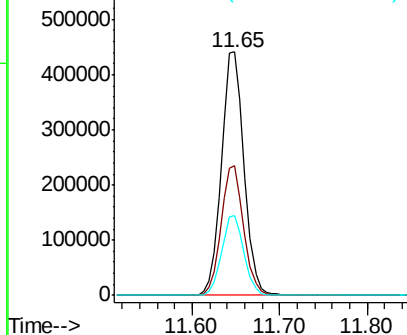
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064537.D
Acq: 17 Dec 2019 11:13

Instrument :
MSVOA_D
ClientSampleId :
VD1217SBL01

Tgt Ion:117 Resp: 785475
Ion Ratio Lower Upper
117 100
82 53.1 41.4 62.2
119 32.6 26.2 39.2

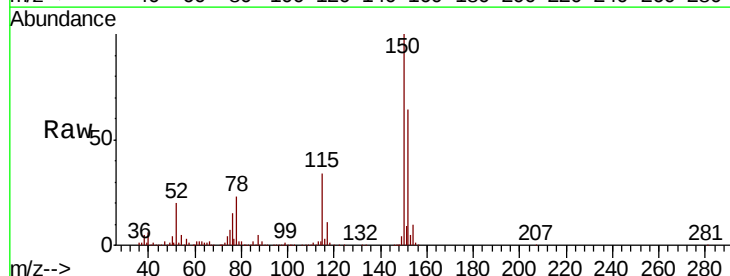


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

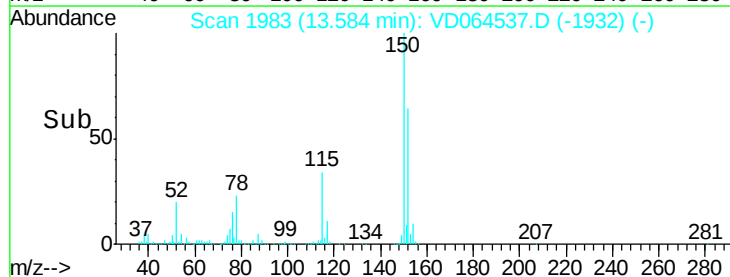
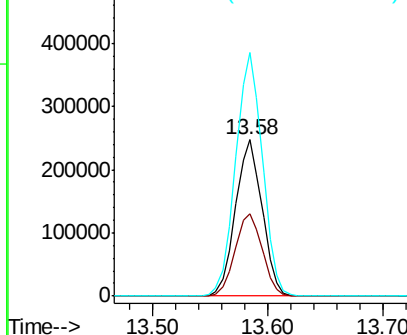


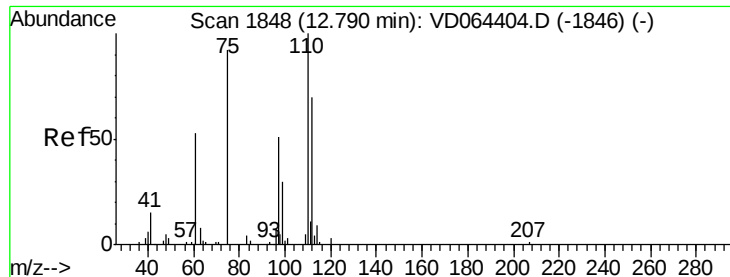
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064537.D
Acq: 17 Dec 2019 11:13

Tgt Ion:152 Resp: 395463
Ion Ratio Lower Upper
152 100
115 54.0 26.7 80.1
150 156.4 0.0 347.2



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: 55.038 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064537.D

Acq: 17 Dec 2019 11:13

Instrument :

MSVOA_D

ClientSampleId :

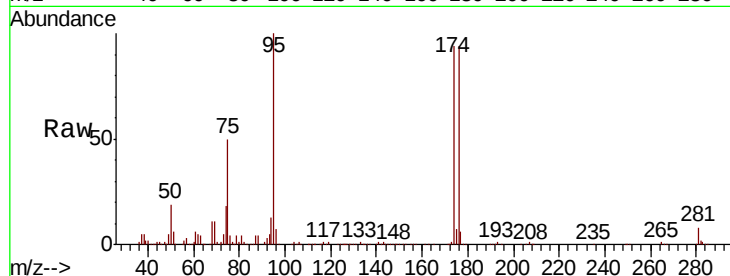
VD1217SBL01

Tgt Ion: 75 Resp: 178992

Ion Ratio Lower Upper

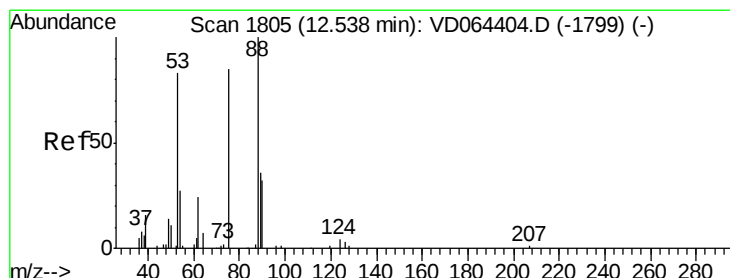
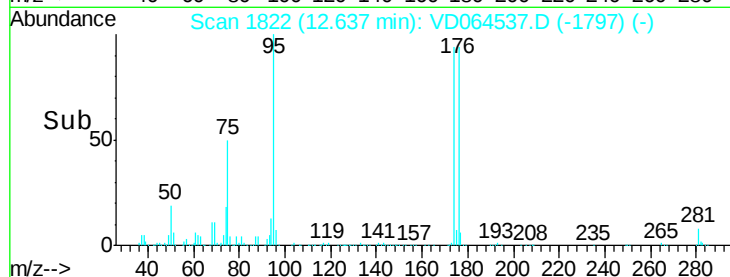
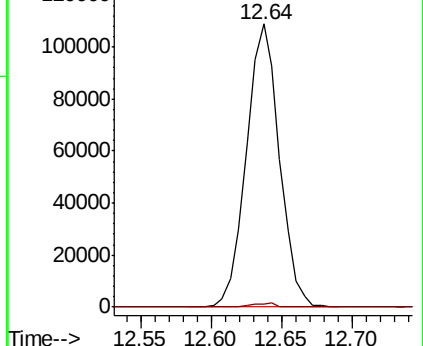
75 100

77 1.2 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: 120.011 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064537.D

Acq: 17 Dec 2019 11:13

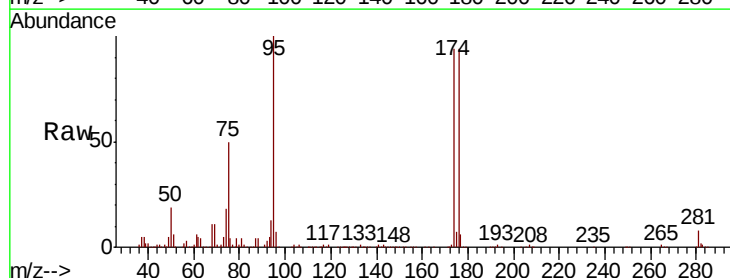
Tgt Ion: 75 Resp: 178992

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

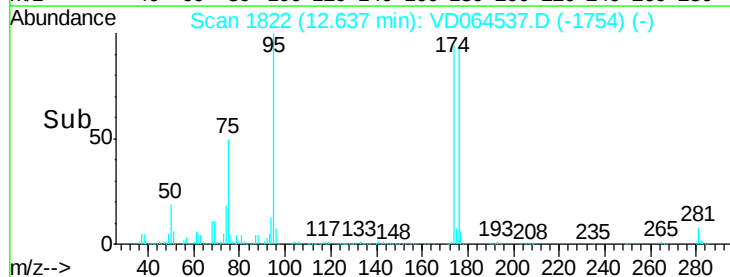
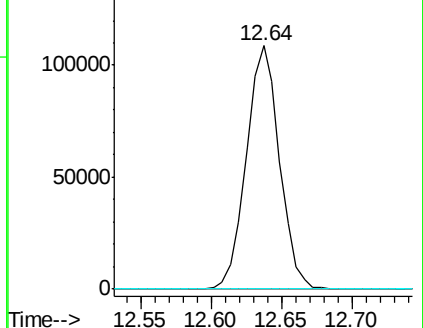
89 0.0 38.5 57.7#

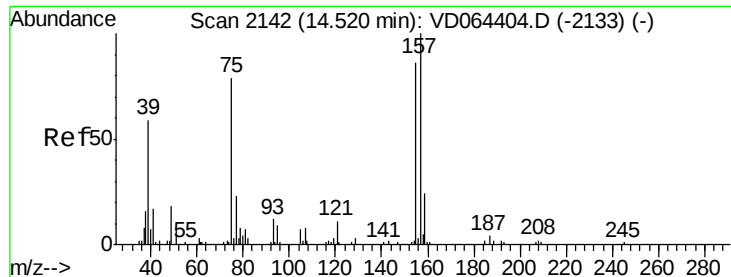


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.75 min Scan# 2181

Delta R.T. 0.23 min

Lab File: VD064537.D

Acq: 17 Dec 2019 11:13

Instrument :

MSVOA_D

ClientSampleId :

VD1217SBL01

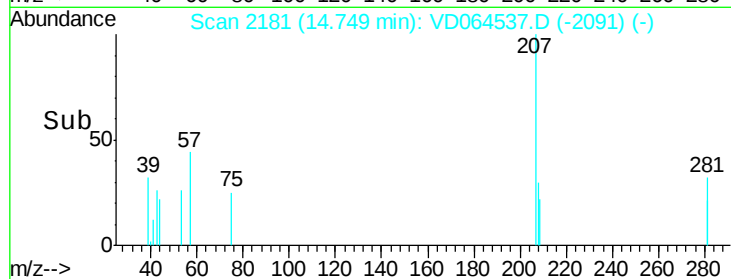
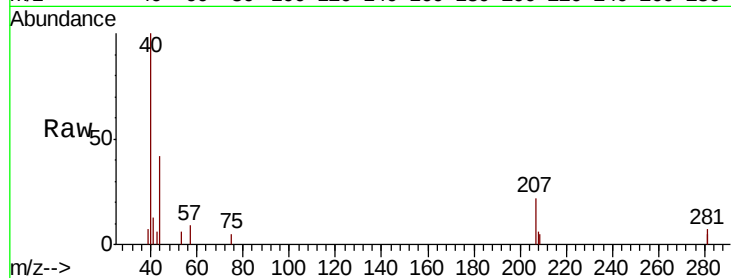
Tgt Ion: 75 Resp: 125

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

157 0.0 63.2 189.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

