

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013120\
 Data File : VD065035.D
 Acq On : 31 Jan 2020 15:50
 Operator : VA/SY
 Sample : L1329-21
 Misc : 1.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 636-637

Quant Time: Jan 31 16:11:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	457548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	710475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	670255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305194	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	197195	44.93	ug/l	0.00
Spiked Amount			Recovery	=	89.86%	
35) Dibromofluoromethane	7.92	113	216546	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
50) Toluene-d8	10.34	98	859078	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.64	95	276615	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	

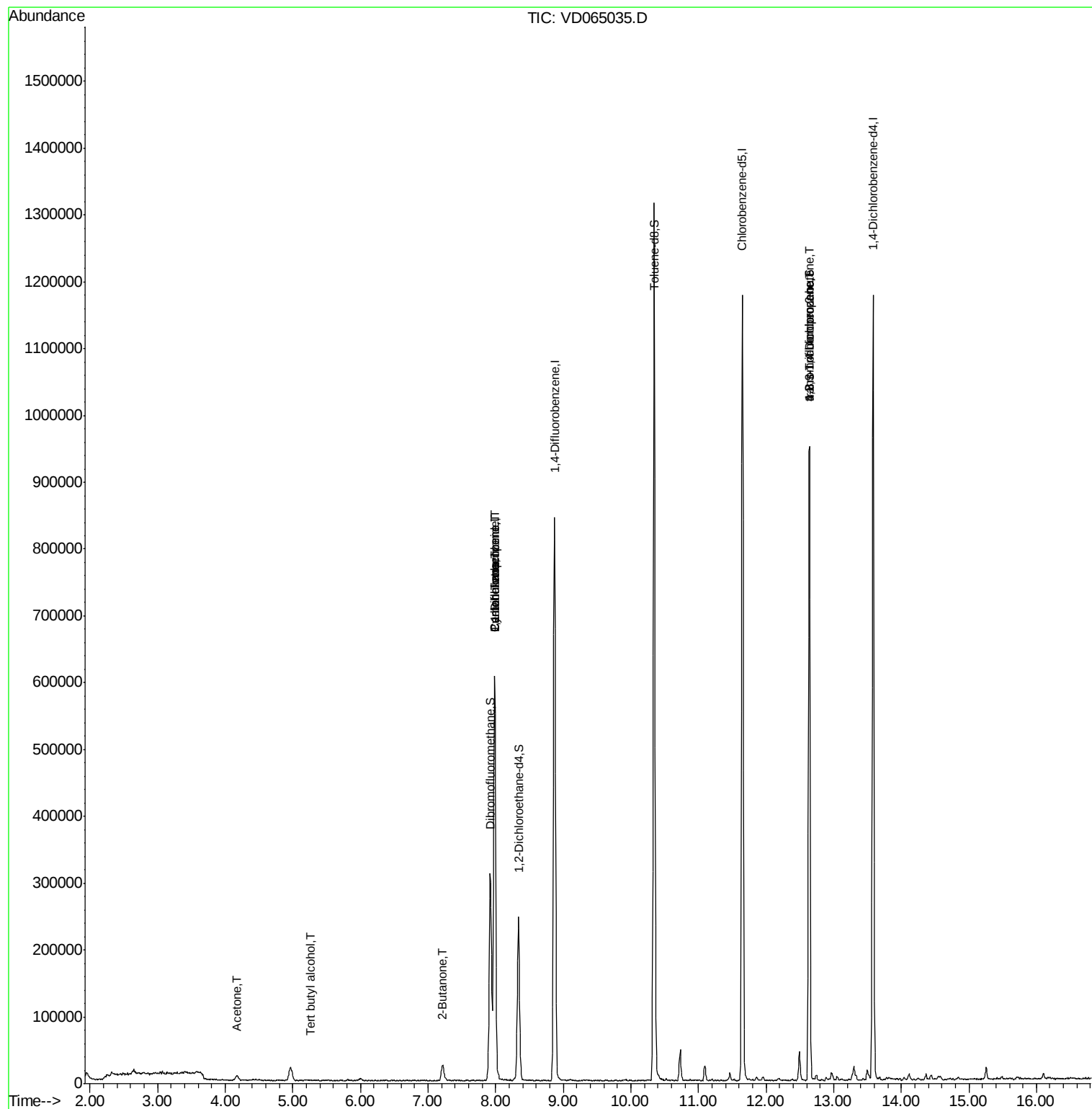
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.26	59	1094	4.511	ug/l #	74
16) Acetone	4.17	43	12637	23.590	ug/l	91
20) Methylene Chloride	4.96	84	15208	Below Cal		89
25) 2-Butanone	7.21	43	2336	1.970	ug/l	98
31) Cyclohexane	7.98	56	10199	1.334	ug/l #	14
36) 1,1-Dichloropropene	7.98	75	36037	5.260	ug/l #	50
38) Carbon Tetrachloride	7.98	117	44704	6.174	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	150159	59.278	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	150159	126.572	ug/l #	9

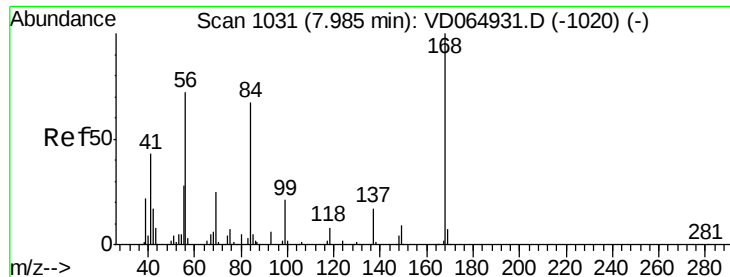
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD013120\
Data File : VD065035.D
Acq On : 31 Jan 2020 15:50
Operator : VA/SY
Sample : L1329-21
Misc : 1.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
636-637

Quant Time: Jan 31 16:11:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
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: VD065035.D

Acq: 31 Jan 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

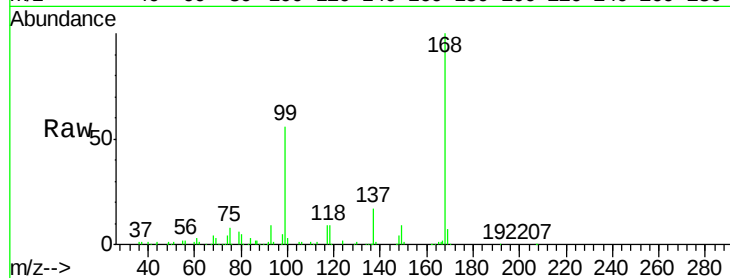
636-637

Tot Ion:168 Resp: 457548

Ion Ratio Lower Upper

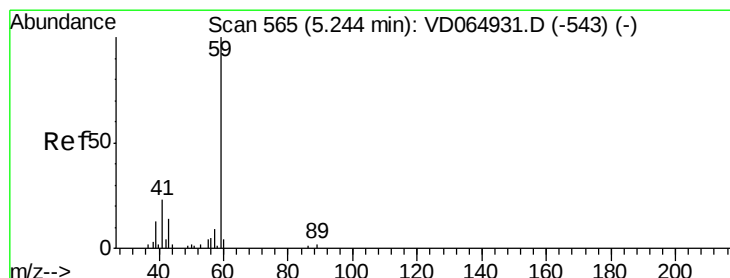
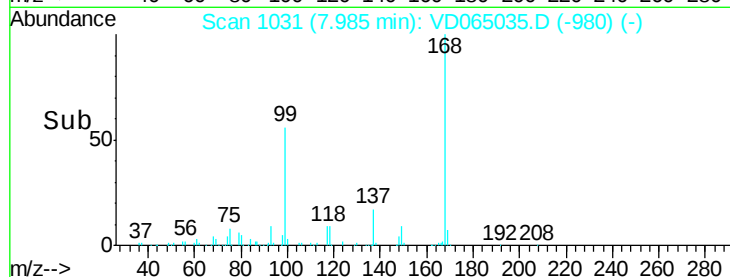
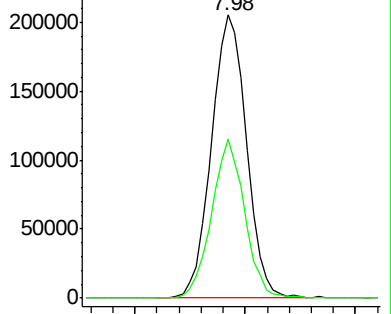
168 100

99 56.1 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 4.511 ug/l

RT: 5.26 min Scan# 567

Delta R.T. 0.01 min

Lab File: VD065035.D

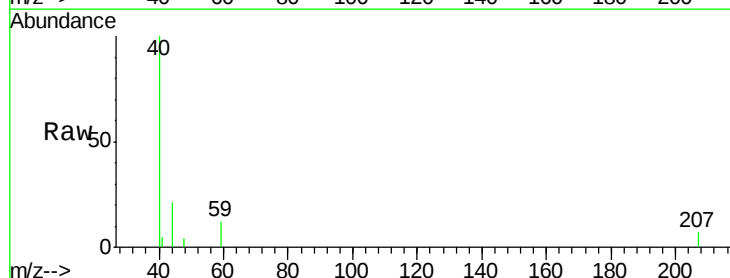
Acq: 31 Jan 2020 15:50

Tgt Ion: 59 Resp: 1094

Ion Ratio Lower Upper

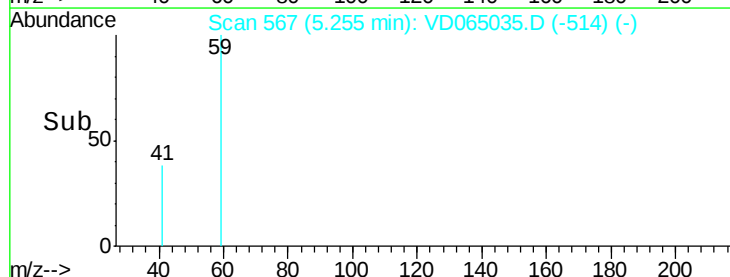
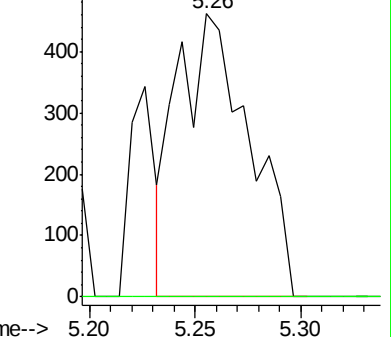
59 100

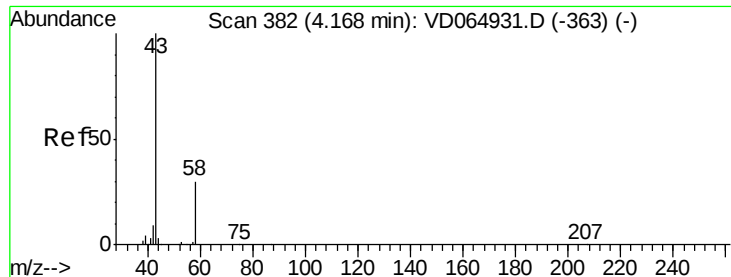
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 23.590 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065035.D

Acq: 31 Jan 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

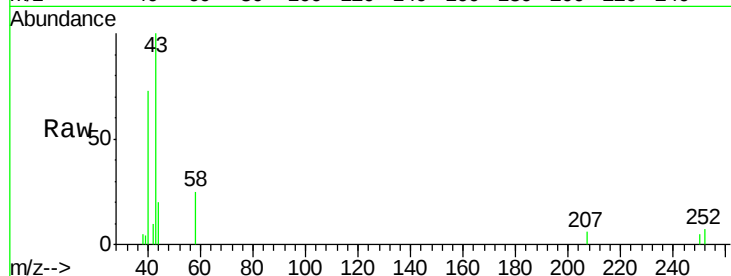
636-637

Tot Ion: 43 Resp: 12637

Ion Ratio Lower Upper

43 100

58 25.1 23.8 35.8

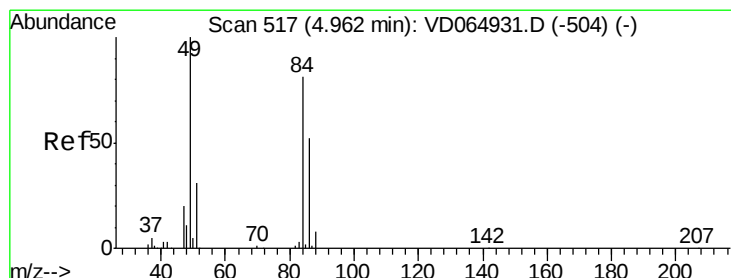
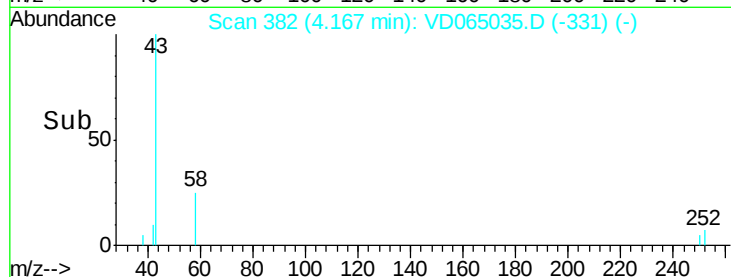


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD065035.D

Acq: 31 Jan 2020 15:50

Tgt Ion: 84 Resp: 15208

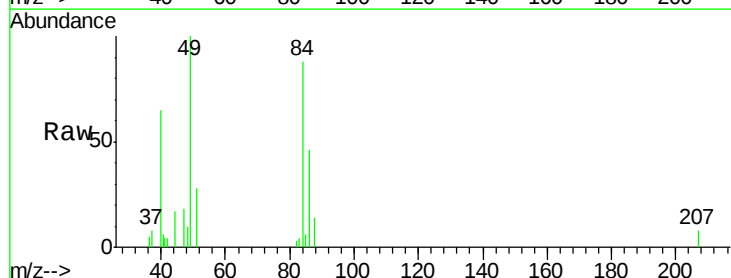
Ion Ratio Lower Upper

84 100

49 113.2 98.4 147.6

51 31.4 30.8 46.2

86 52.5 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VDC

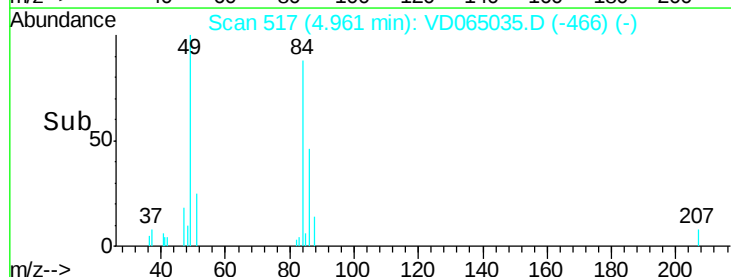
Ion 48.90 (48.60 to 49.60): VDC

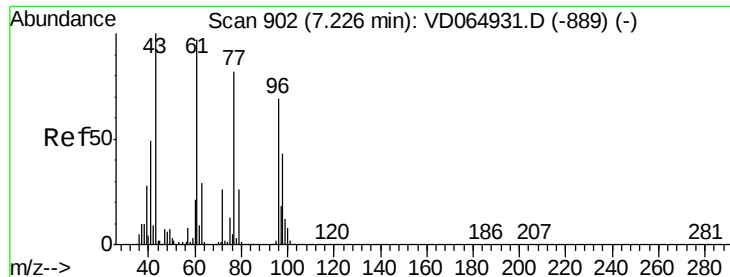
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4.96

Time-->

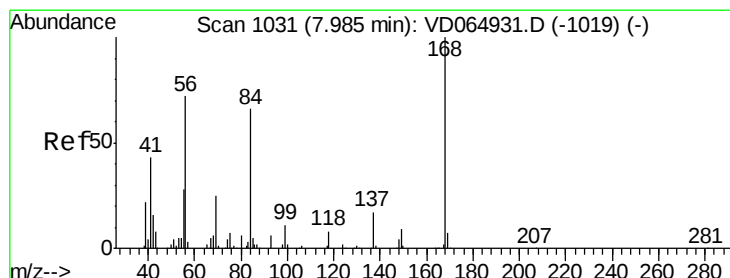
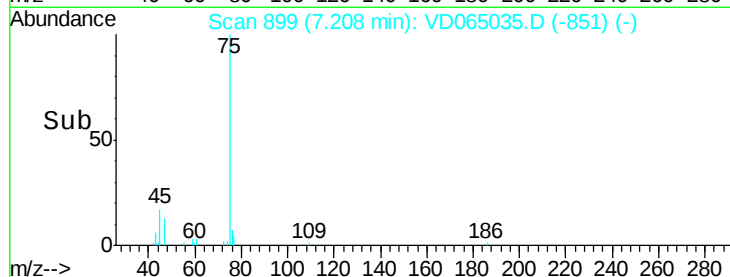
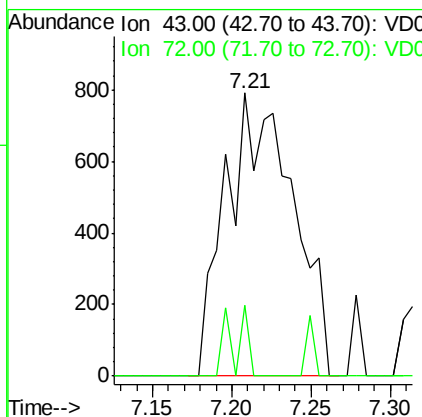
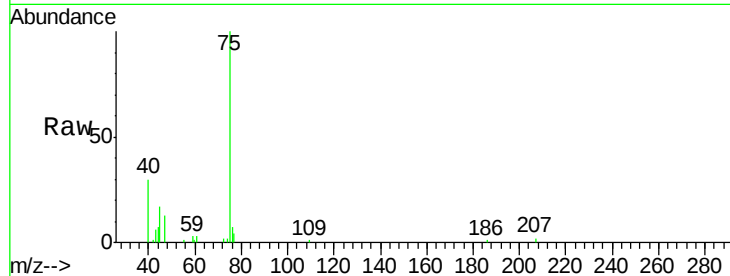




#25
2-Butanone
Concen: 1.970 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.02 min
Lab File: VD065035.D
Acq: 31 Jan 2020 15:50

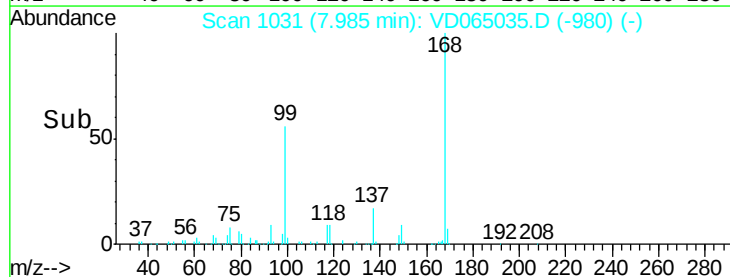
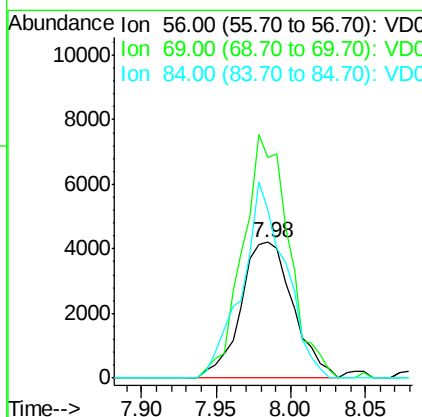
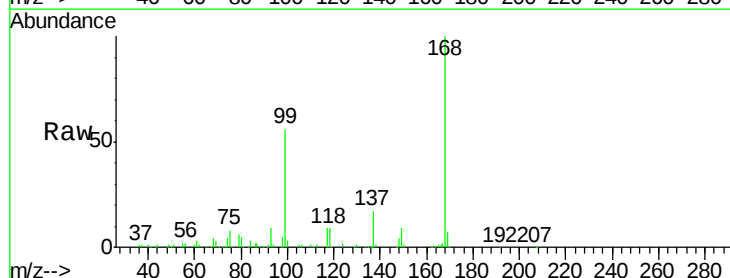
Instrument :
MSVOA_D
ClientSampleId :
636-637

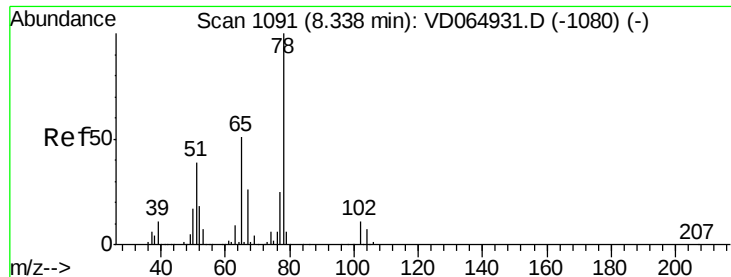
Tot Ion: 43 Resp: 2336
Ion Ratio Lower Upper
43 100
72 24.9 20.6 31.0



#31
Cyclohexane
Concen: 1.334 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065035.D
Acq: 31 Jan 2020 15:50

Tgt Ion: 56 Resp: 10199
Ion Ratio Lower Upper
56 100
69 163.2 27.9 41.9#
84 123.8 72.8 109.2#





#33

1,2-Dichloroethane-d4

Concen: 44.931 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065035.D

Acq: 31 Jan 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

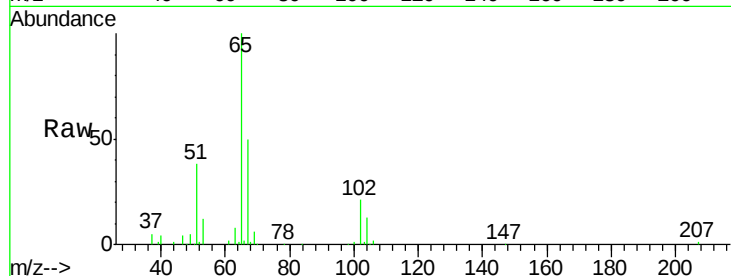
636-637

Tot Ion: 65 Resp: 197195

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

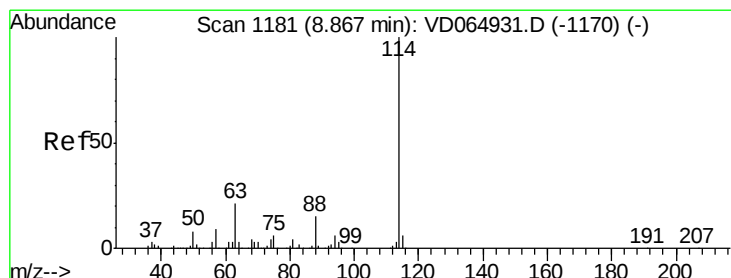
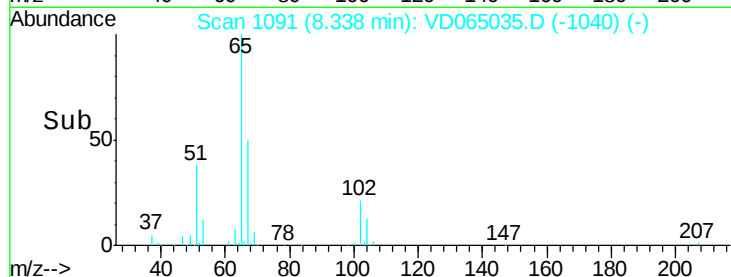
60000

40000

20000

0

Time--> 8.20 8.30 8.40 8.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065035.D

Acq: 31 Jan 2020 15:50

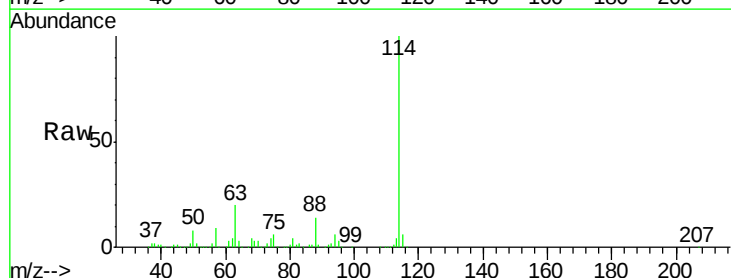
Tgt Ion: 114 Resp: 710475

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.0

88 14.0 0.0 29.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

500000

400000

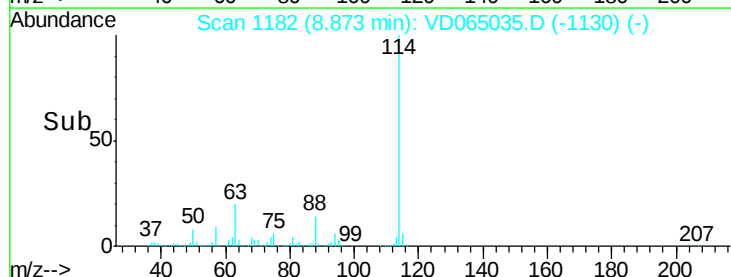
300000

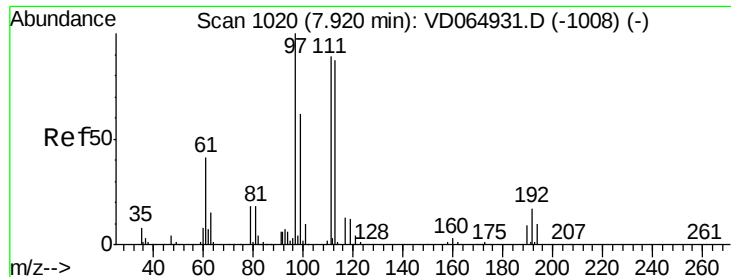
200000

100000

0

Time--> 8.80 8.90 9.00





#35

Dibromofluoromethane

Concen: 48.502 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065035.D

Acq: 31 Jan 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

636-637

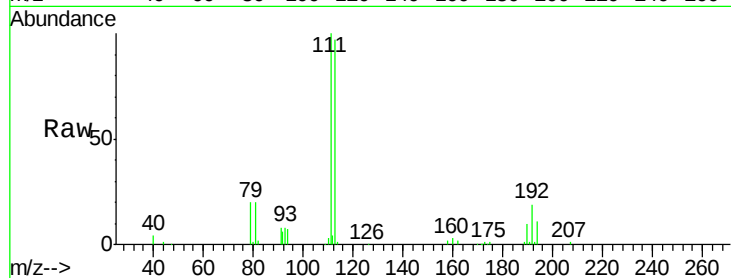
Tot Ion:113 Resp: 216546

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

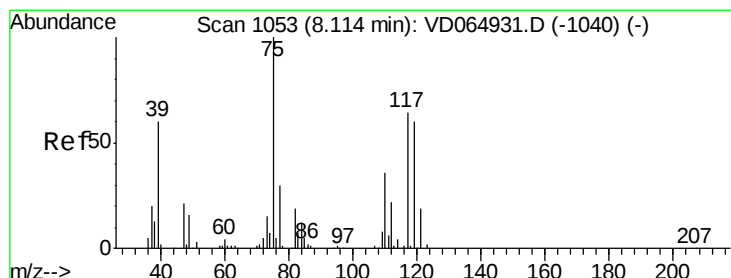
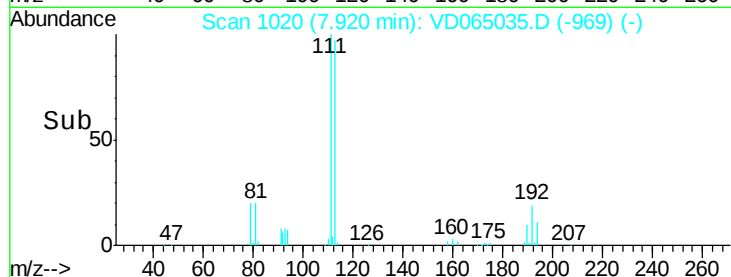
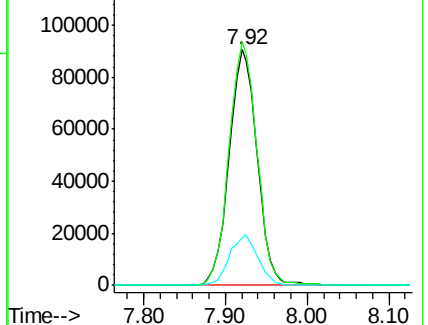
192 21.7 16.9 25.3



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: 5.260 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD065035.D

Acq: 31 Jan 2020 15:50

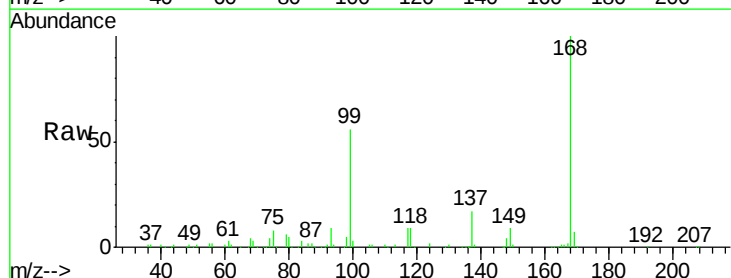
Tgt Ion: 75 Resp: 36037

Ion Ratio Lower Upper

75 100

110 9.0 17.3 52.0#

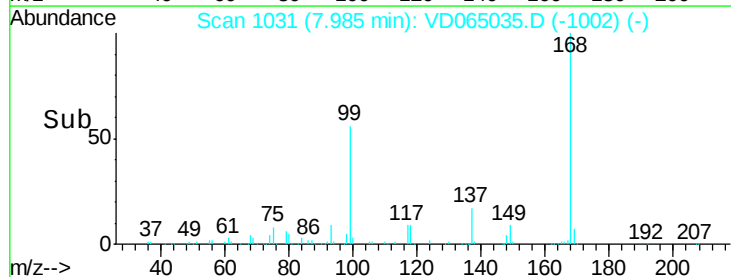
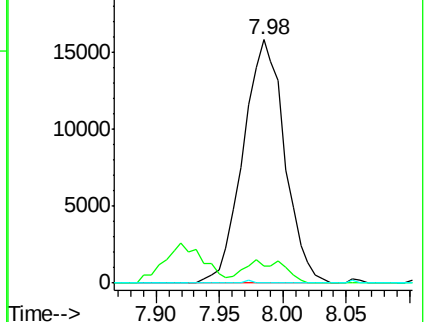
77 0.2 24.7 37.1#

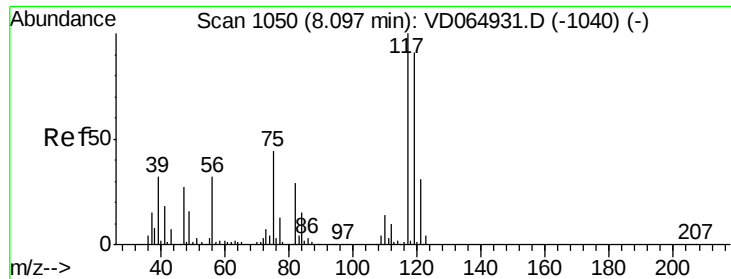


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

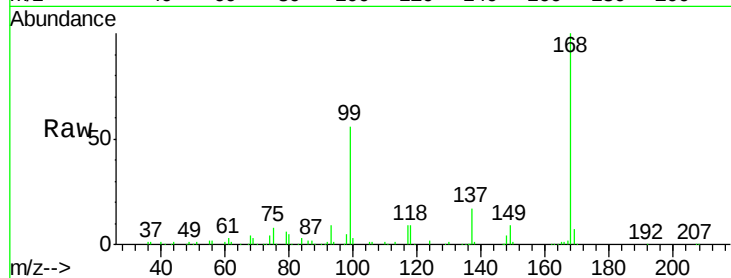




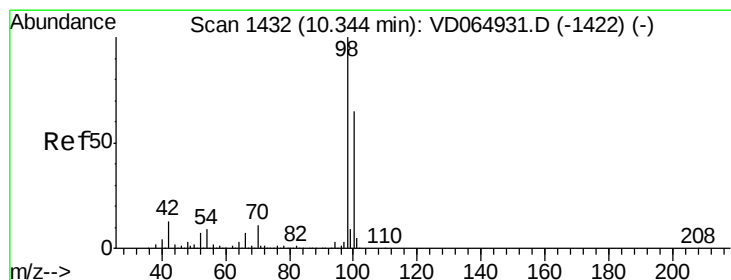
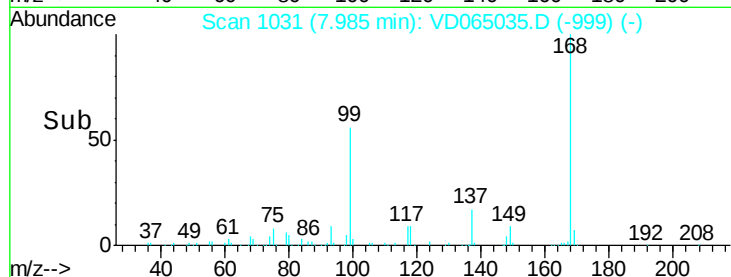
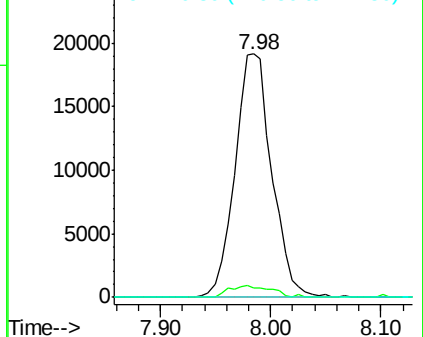
#38
Carbon Tetrachloride
Concen: 6.174 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065035.D
Acq: 31 Jan 2020 15:50

Instrument :
MSVOA_D
ClientSampleId :
636-637

Tot Ion:117 Resp: 44704
Ion Ratio Lower Upper
117 100
119 3.9 73.2 109.8#
121 0.0 24.4 36.6#

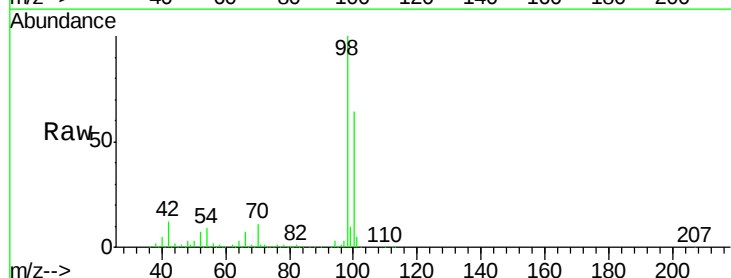


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

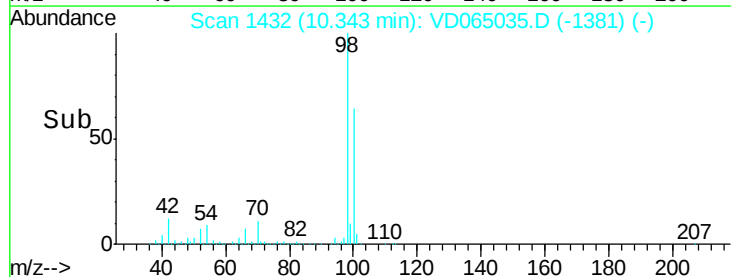
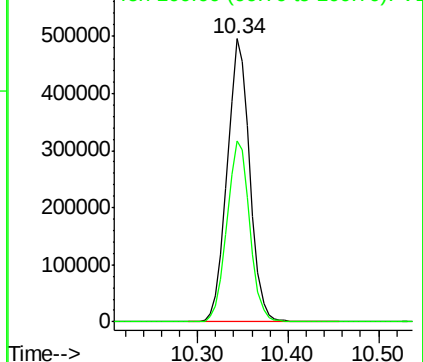


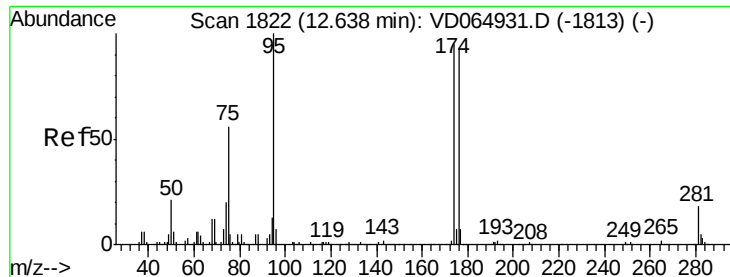
#50
Toluene-d8
Concen: 49.853 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065035.D
Acq: 31 Jan 2020 15:50

Tgt Ion: 98 Resp: 859078
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

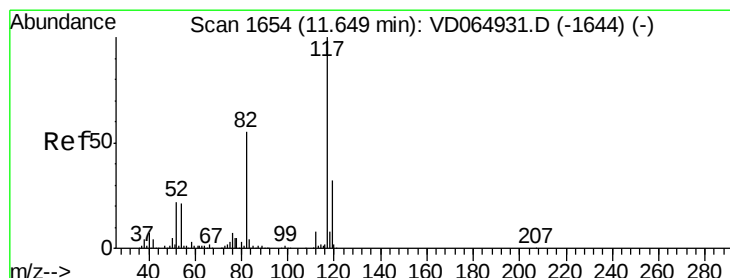
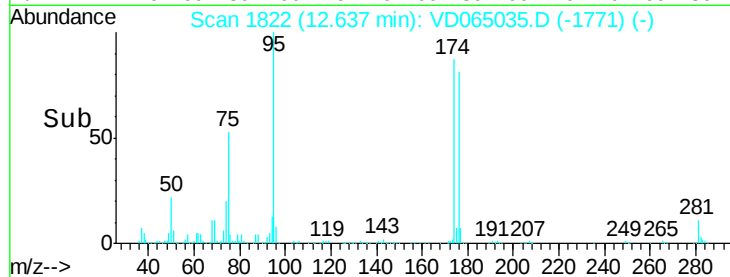
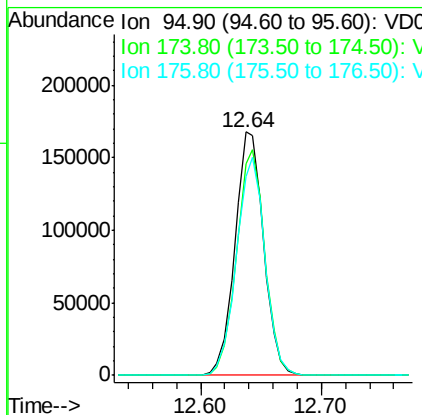
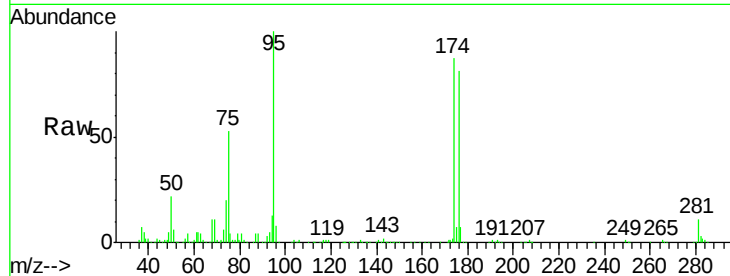




#62
4-Bromofluorobenzene
Concen: 52.455 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065035.D
Acq: 31 Jan 2020 15:50

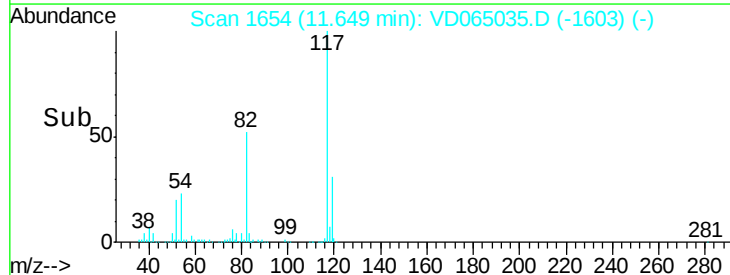
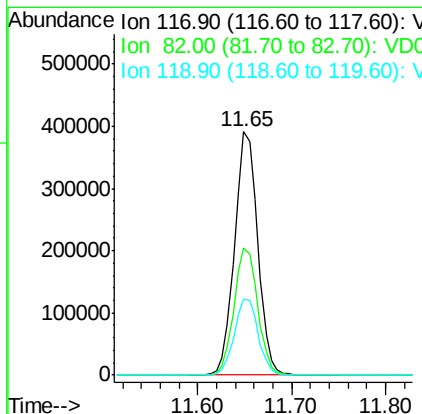
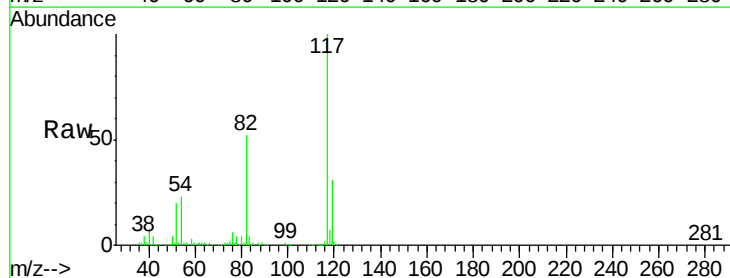
Instrument :
MSVOA_D
ClientSampleId :
636-637

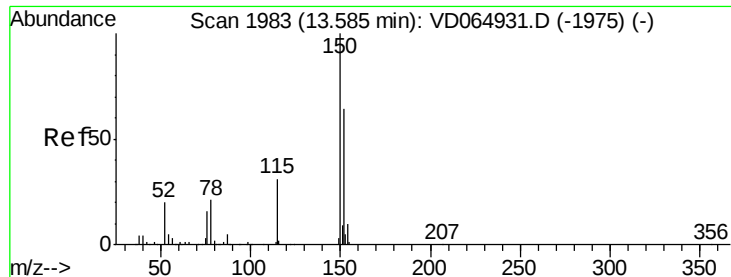
Tot Ion: 95 Resp: 276615
Ion Ratio Lower Upper
95 100
174 91.6 0.0 186.8
176 89.3 0.0 183.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065035.D
Acq: 31 Jan 2020 15:50

Tgt Ion: 117 Resp: 670255
Ion Ratio Lower Upper
117 100
82 52.1 43.6 65.4
119 31.4 25.2 37.8



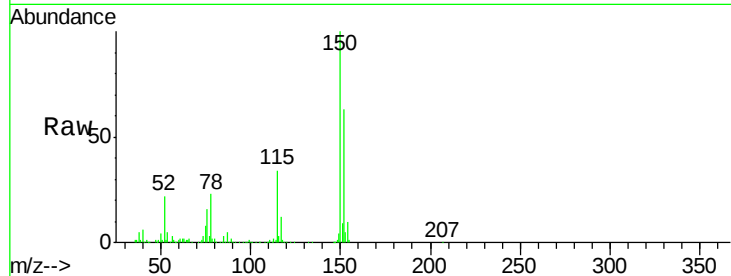


#72

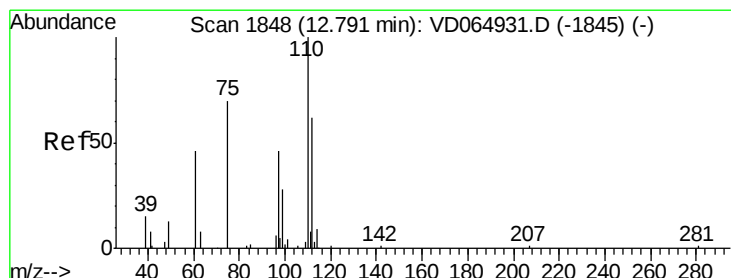
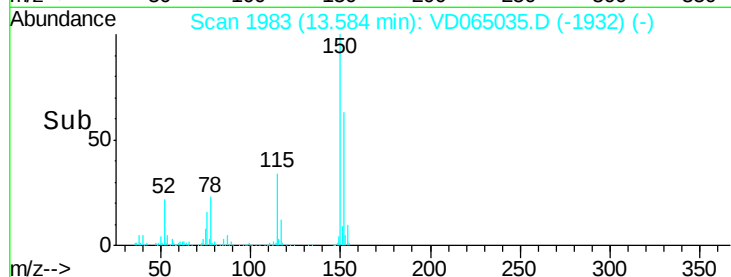
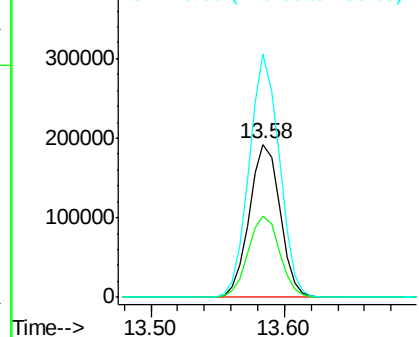
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065035.D
Acq: 31 Jan 2020 15:50

Instrument :
MSVOA_D
ClientSampleId :
636-637

Tot Ion:152 Resp: 305194
Ion Ratio Lower Upper
152 100
115 55.0 28.1 84.4
150 155.9 0.0 350.4



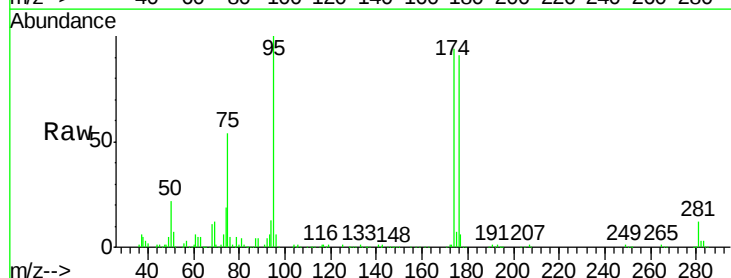
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



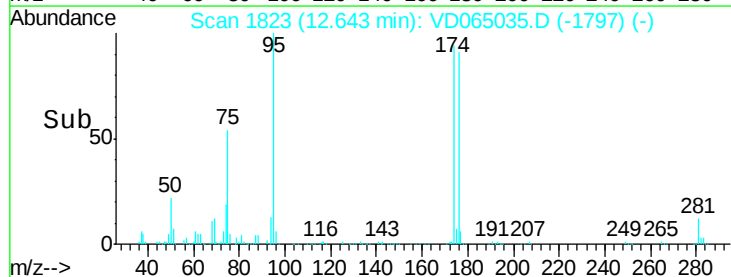
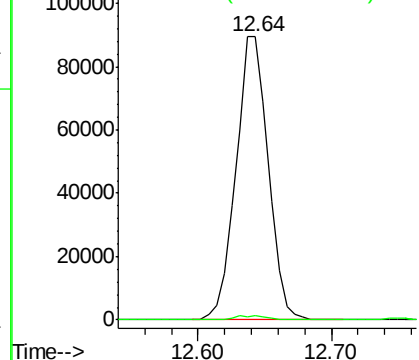
#76

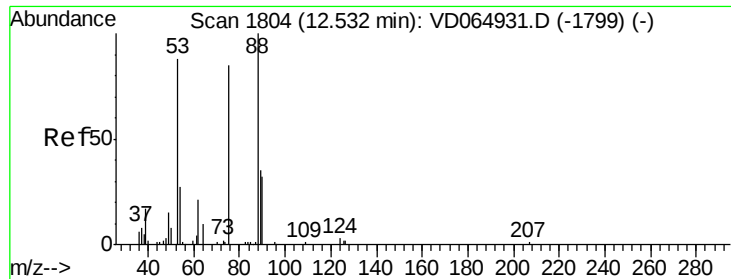
1,2,3-Trichloropropane
Concen: 59.278 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065035.D
Acq: 31 Jan 2020 15:50

Tgt Ion: 75 Resp: 150159
Ion Ratio Lower Upper
75 100
77 1.3 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: 126.572 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065035.D

Acq: 31 Jan 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

636-637

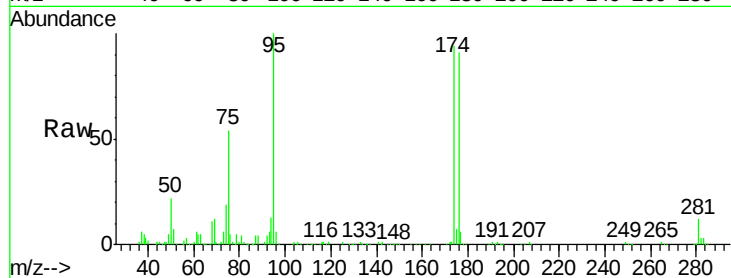
Tot Ion: 75 Resp: 150159

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.4#

89 0.0 36.2 54.4#



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

