

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064222.D
 Acq On : 15 Nov 2019 12:43
 Operator : VA/SY
 Sample : K5863-05
 Misc : 7.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-COMP

Quant Time: Nov 16 04:50:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

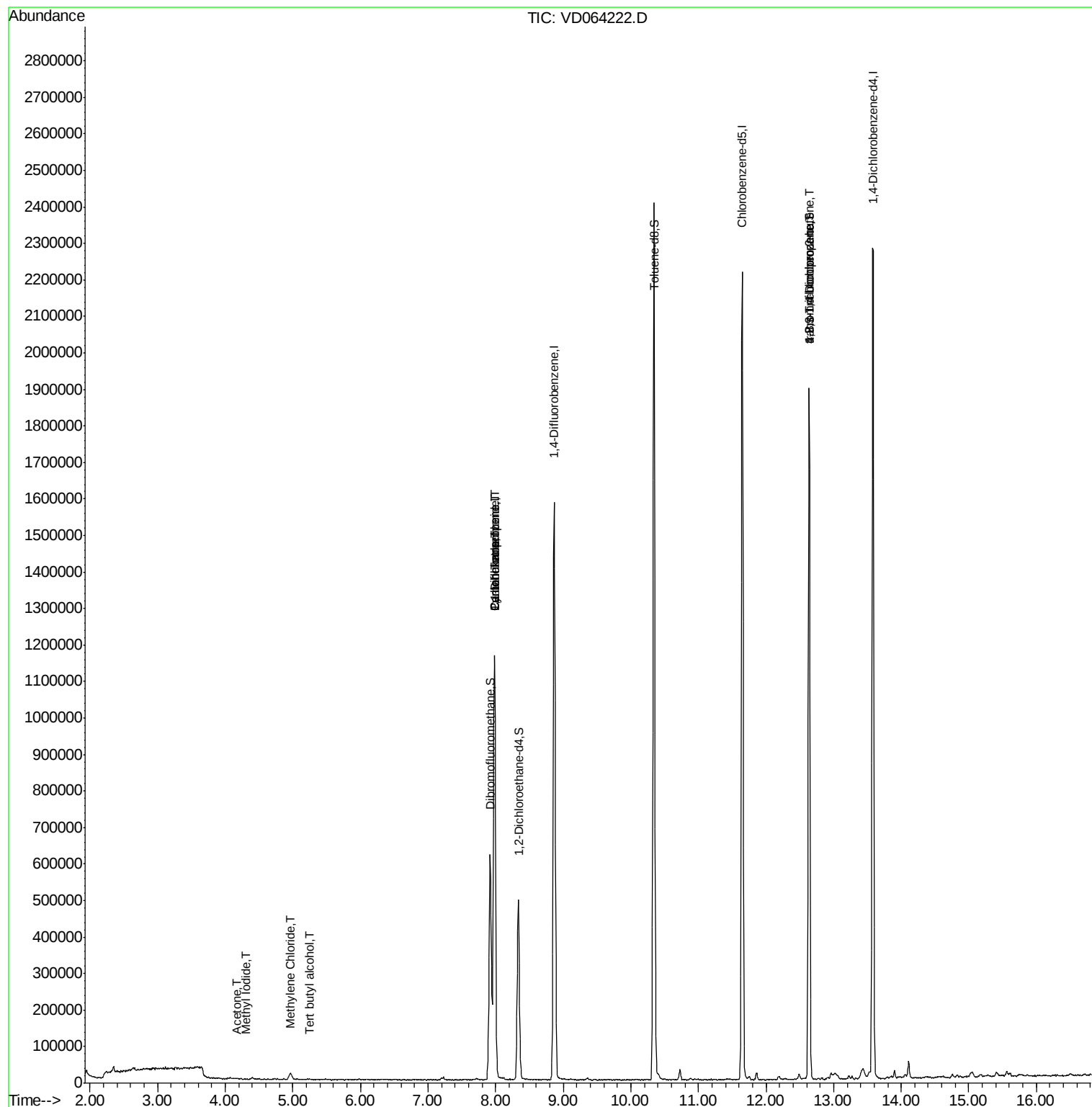
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	956818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1387121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1288052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	631816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	399449	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	7.92	113	419693	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
50) Toluene-d8	10.34	98	1646925	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
62) 4-Bromofluorobenzene	12.64	95	576602	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.31	142	725	2.104	ug/l #	84
11) Tert butyl alcohol	5.24	59	808	1.470	ug/l #	24
16) Acetone	4.17	43	2661	1.427	ug/l	97
20) Methylene Chloride	4.96	84	12955	1.376	ug/l	96
31) Cyclohexane	7.99	56	19549	1.266	ug/l #	1
36) 1,1-Dichloropropene	7.99	75	63491	4.959	ug/l #	49
38) Carbon Tetrachloride	7.98	117	84576	6.174	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	294088	57.788	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	294088	114.790	ug/l #	10

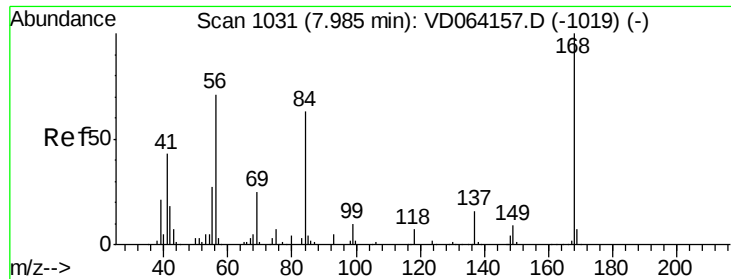
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
Data File : VD064222.D
Acq On : 15 Nov 2019 12:43
Operator : VA/SY
Sample : K5863-05
Misc : 7.17G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1-COMP

Quant Time: Nov 16 04:50:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064222.D

Acq: 15 Nov 2019 12:43

Instrument :

MSVOA_D

ClientSampleId :

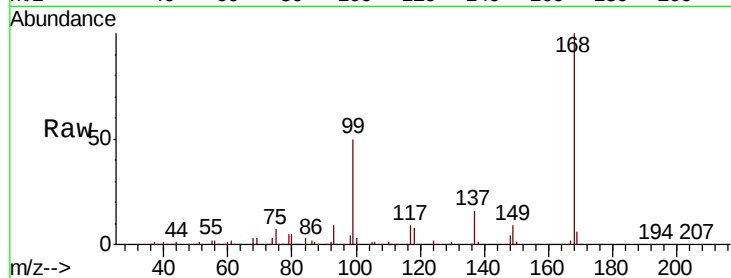
TP-1-COMP

Tot Ion:168 Resp: 956818

Ion Ratio Lower Upper

168 100

99 49.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.99

400000

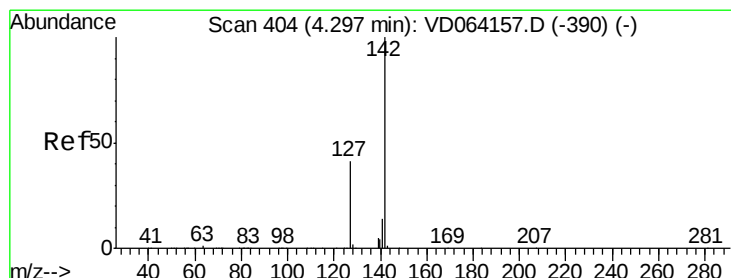
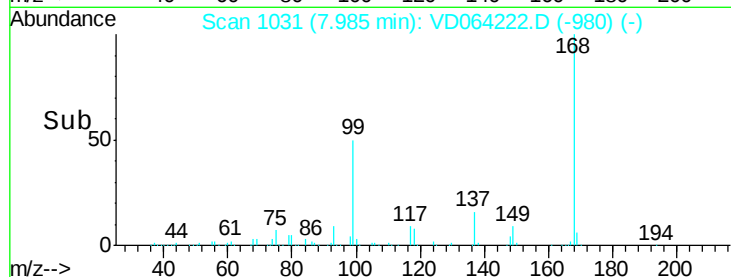
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.104 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD064222.D

Acq: 15 Nov 2019 12:43

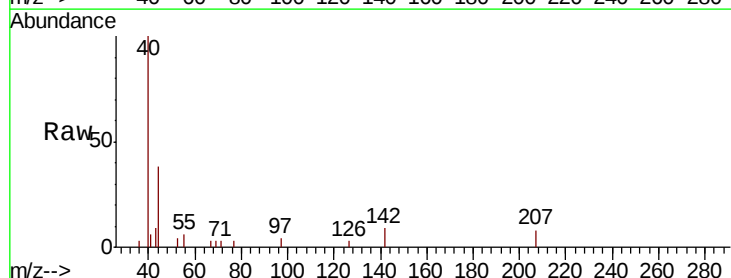
Tgt Ion:142 Resp: 725

Ion Ratio Lower Upper

142 100

127 36.6 34.4 51.6

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.31

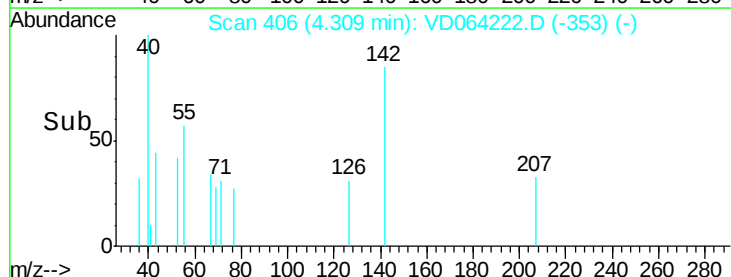
600

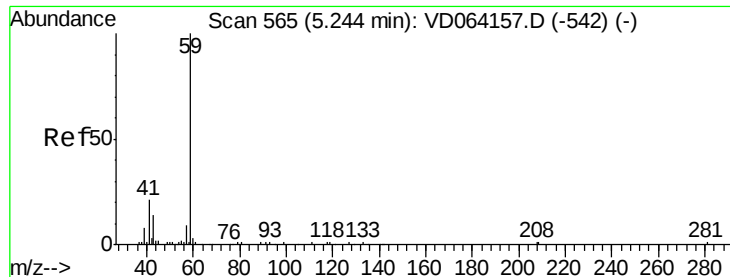
400

200

0

Time-->



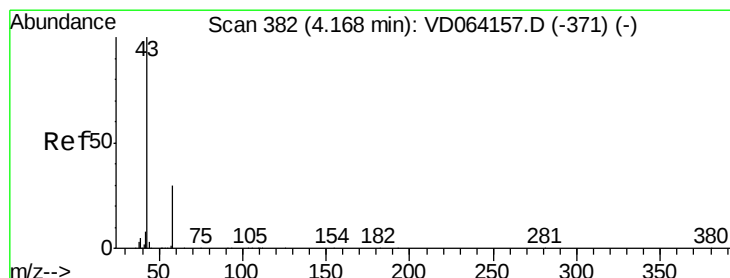
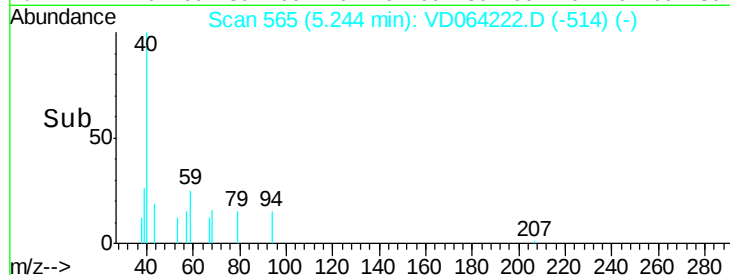
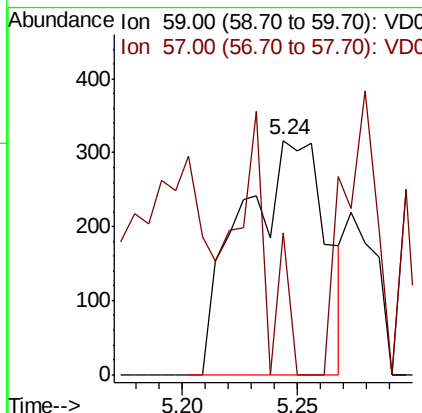
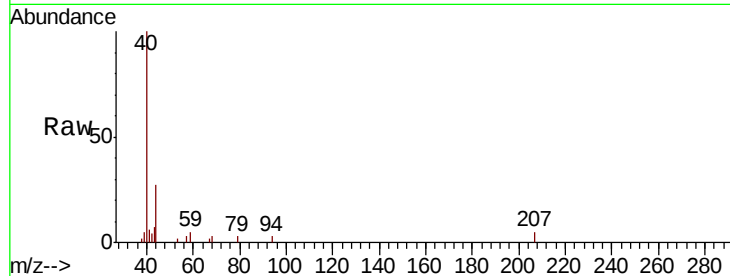


#11

Tert butyl alcohol
 Concen: 1.470 ug/l
 RT: 5.24 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VD064222.D
 Acq: 15 Nov 2019 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-COMP

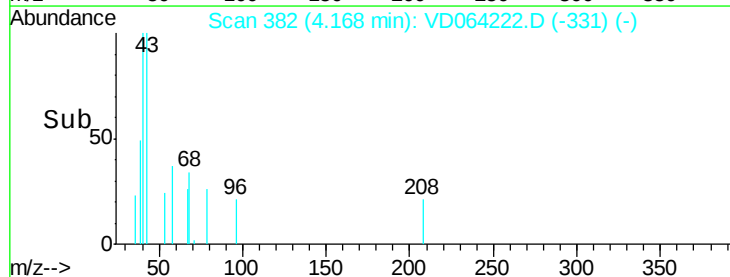
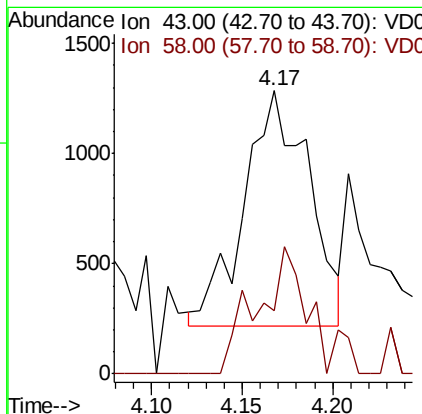
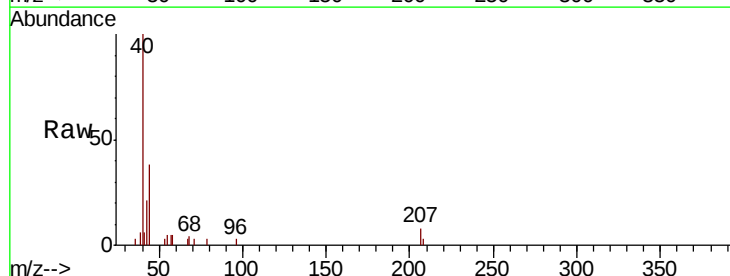
Tot Ion: 59 Resp: 808
 Ion Ratio Lower Upper
 59 100
 57 41.1 9.4 14.2#

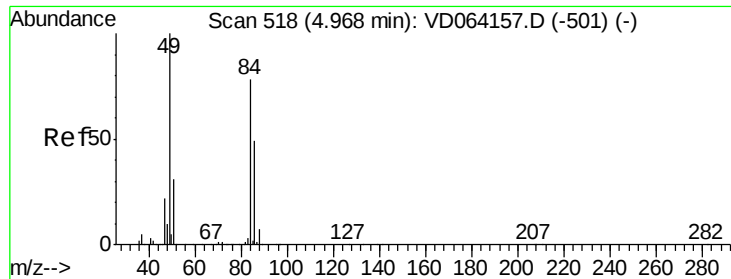


#16

Acetone
 Concen: 1.427 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VD064222.D
 Acq: 15 Nov 2019 12:43

Tgt Ion: 43 Resp: 2661
 Ion Ratio Lower Upper
 43 100
 58 28.2 24.1 36.1

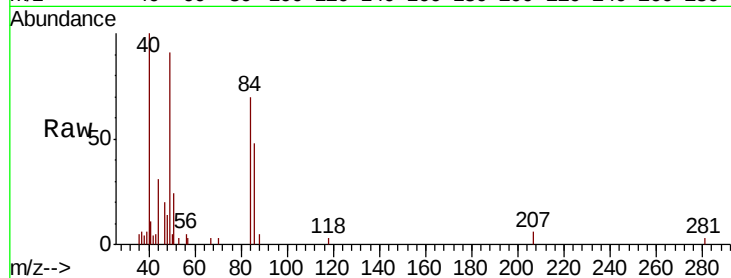




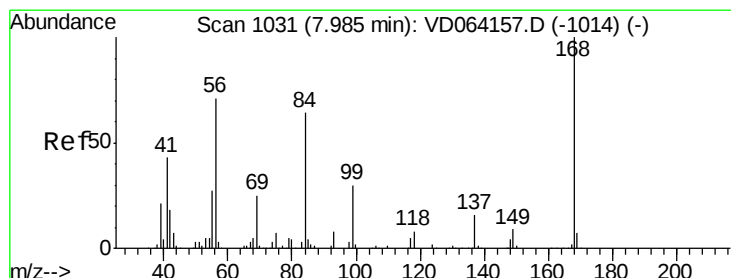
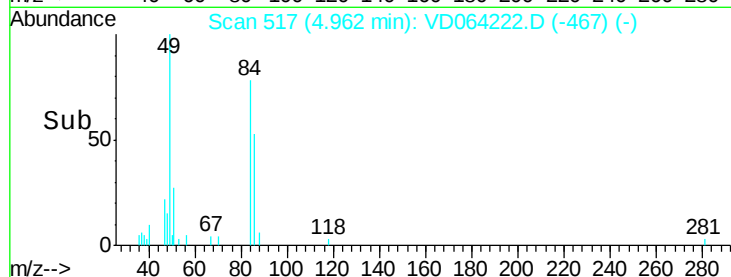
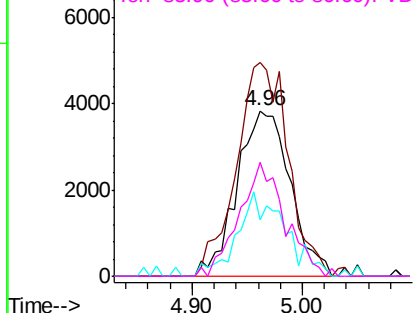
#20
Methvlene Chloride
Concen: 1.376 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064222.D
Acq: 15 Nov 2019 12:43

Instrument :
MSVOA_D
ClientSampleId :
TP-1-COMP

Tot Ion:	84	Resp:	12955
Ion	Ratio	Lower	Upper
84	100		
49	128.8	102.1	153.1
51	34.3	32.2	48.2
86	68.4	49.9	74.9

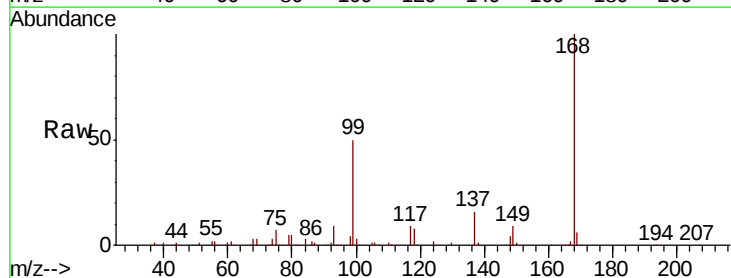


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

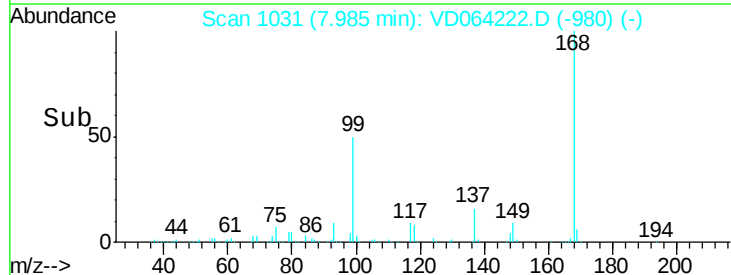
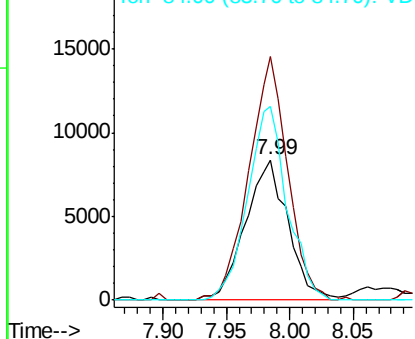


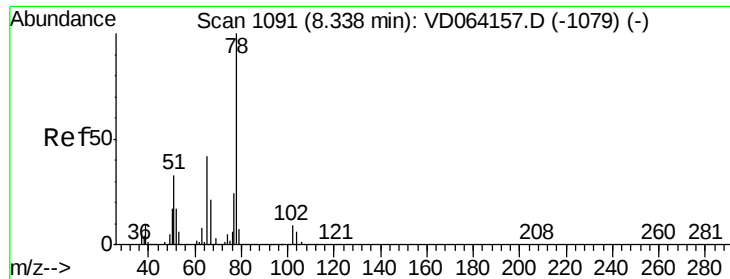
#31
Cyclohexane
Concen: 1.266 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064222.D
Acq: 15 Nov 2019 12:43

Tgt Ion:	56	Resp:	19549
Ion	Ratio	Lower	Upper
56	100		
69	174.0	28.2	42.4#
84	138.7	71.8	107.6#



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

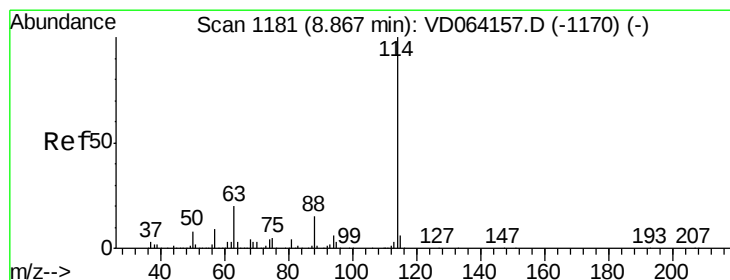
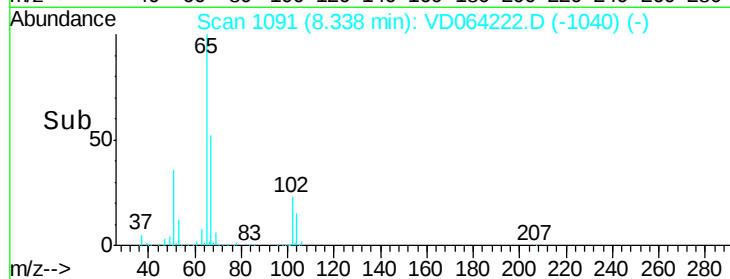
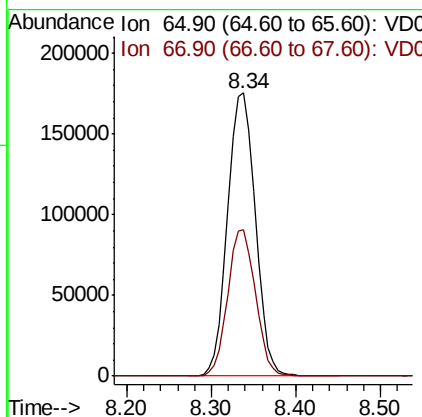
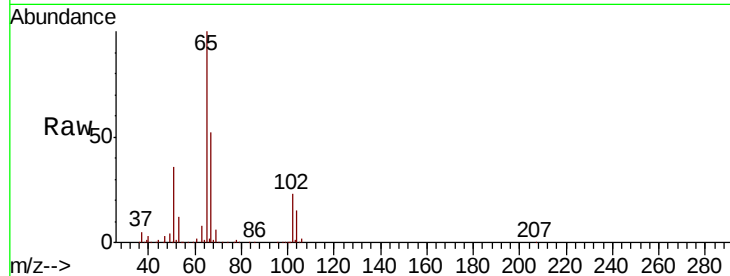




#33
 1,2-Dichloroethane-d4
 Concen: 50.761 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064222.D
 Acq: 15 Nov 2019 12:43

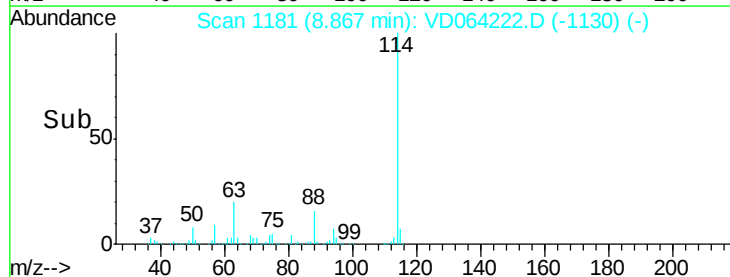
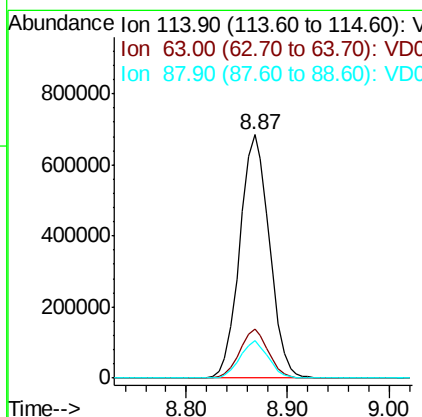
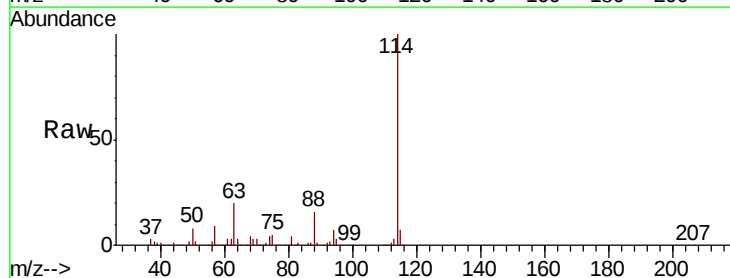
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-COMP

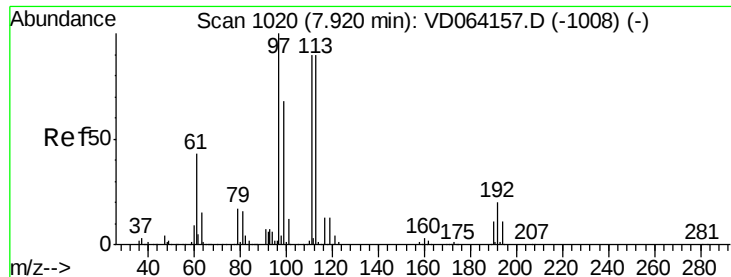
Tot Ion: 65 Resp: 399449
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064222.D
 Acq: 15 Nov 2019 12:43

Tgt Ion: 114 Resp: 1387121
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.6 0.0 30.2

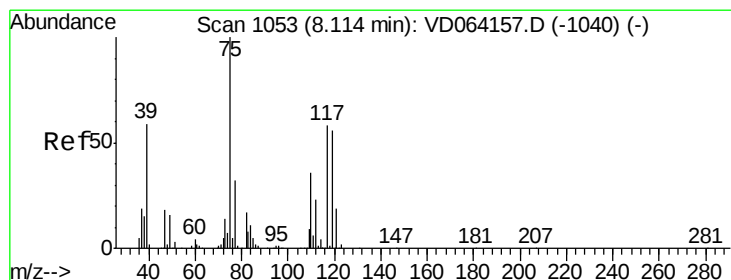
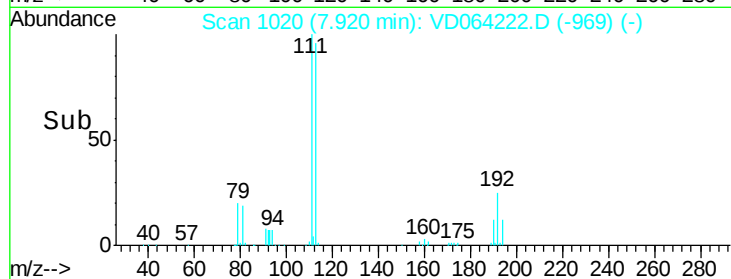
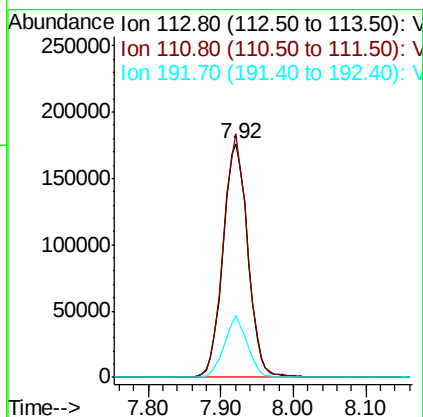
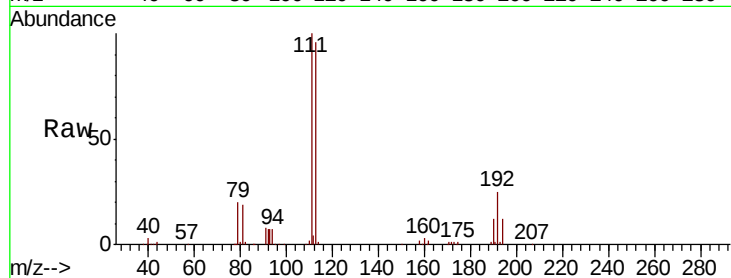




#35
 Dibromofluoromethane
 Concen: 52.710 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064222.D
 Acq: 15 Nov 2019 12:43

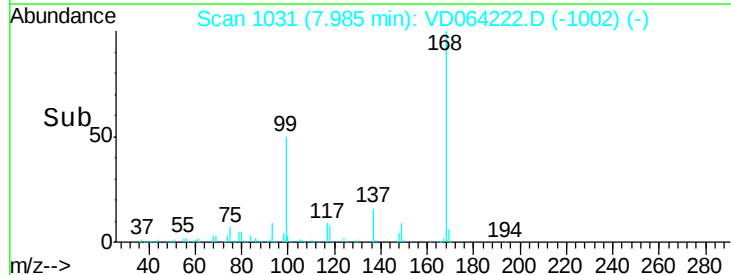
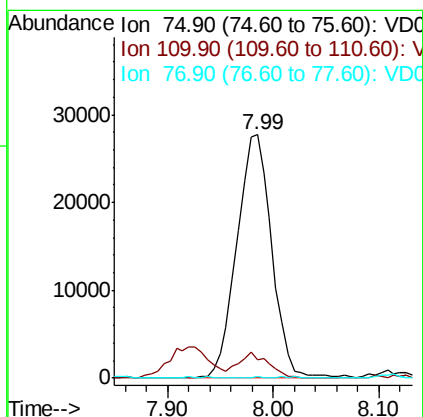
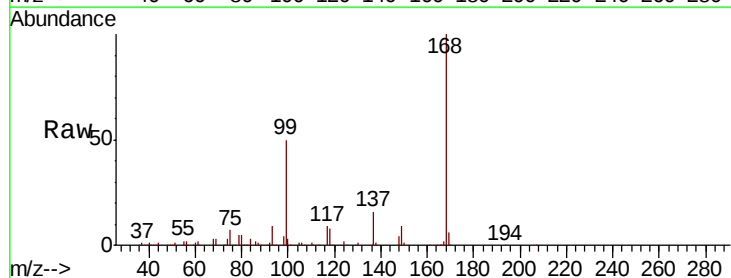
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-COMP

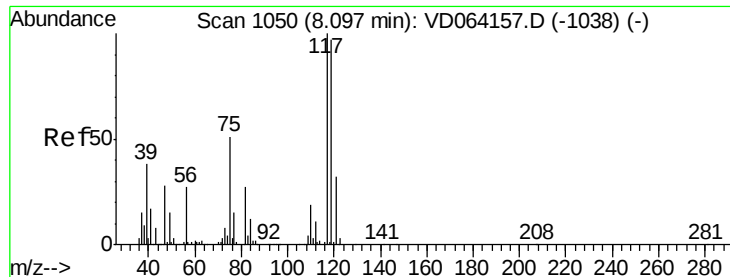
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.5	122.3
192	24.3	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.959 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064222.D
 Acq: 15 Nov 2019 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.3	54.9#
77	0.1	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.174 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064222.D

Acq: 15 Nov 2019 12:43

Instrument :

MSVOA_D

ClientSampleId :

TP-1-COMP

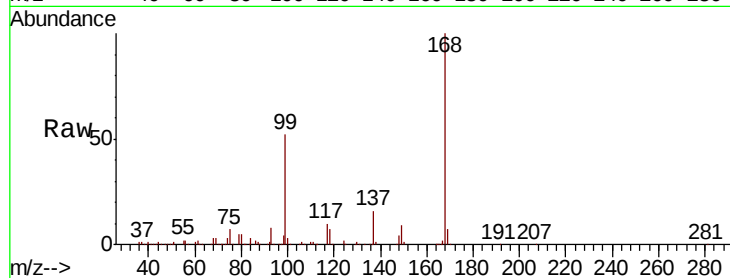
Tot Ion:117 Resp: 84576

Ion Ratio Lower Upper

117 100

119 4.6 77.2 115.8#

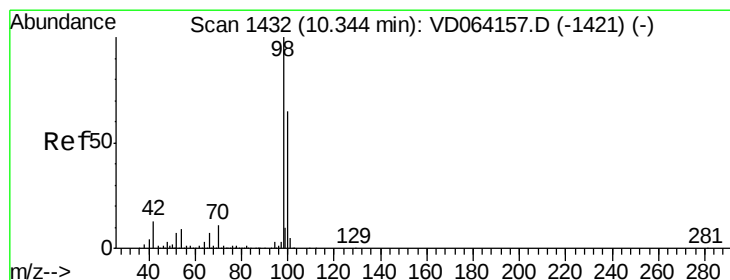
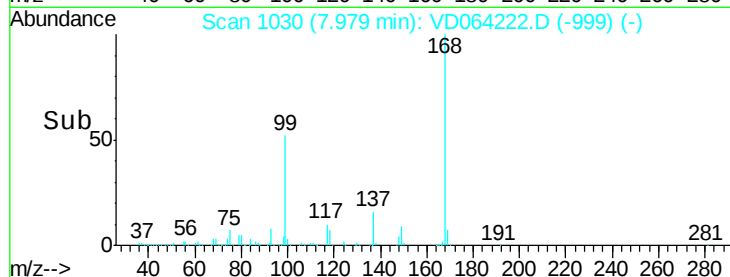
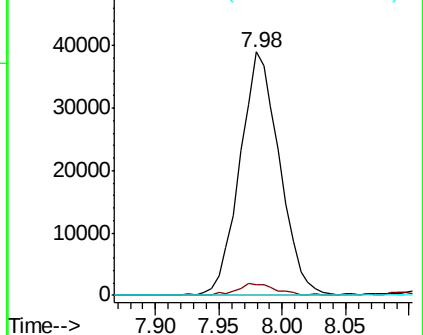
121 0.0 25.5 38.3#



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: 54.830 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064222.D

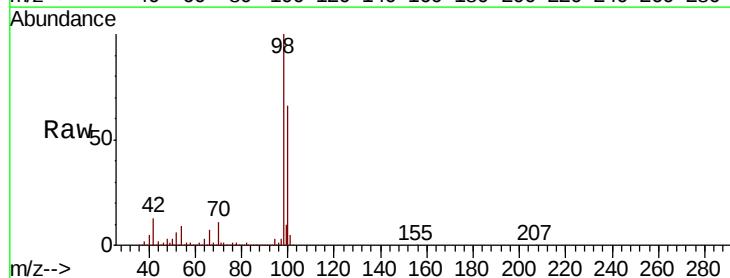
Acq: 15 Nov 2019 12:43

Tgt Ion: 98 Resp: 1646925

Ion Ratio Lower Upper

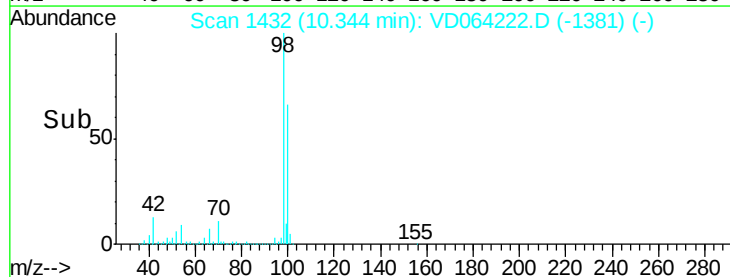
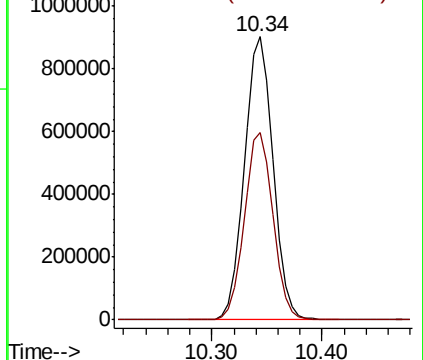
98 100

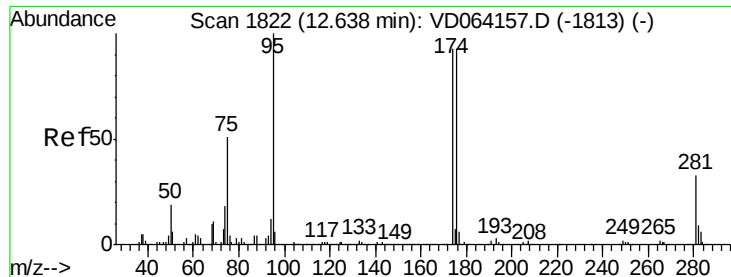
100 65.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

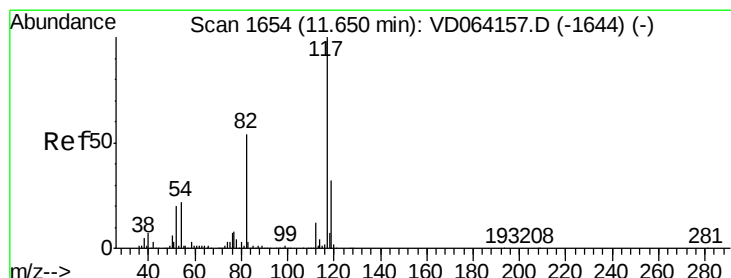
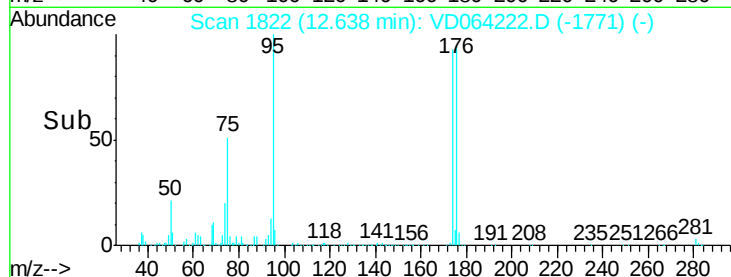
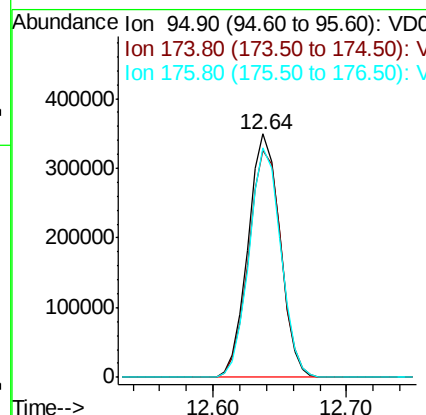
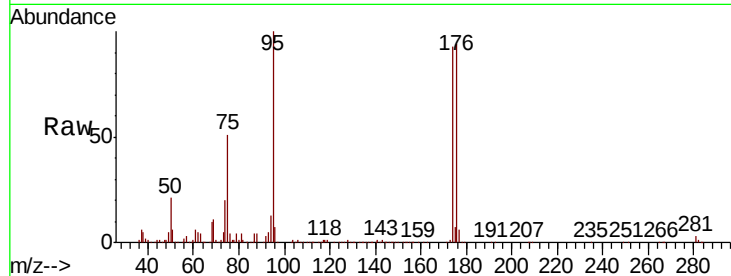




#62
4-Bromofluorobenzene
Concen: 55.431 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064222.D
Acq: 15 Nov 2019 12:43

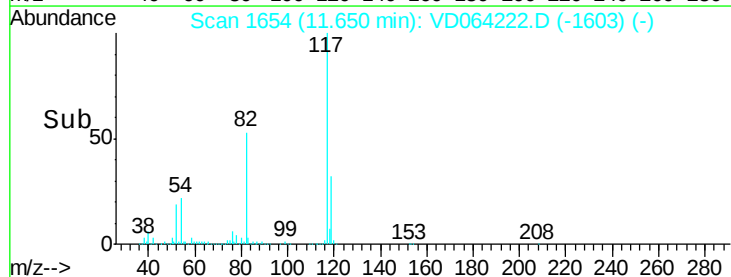
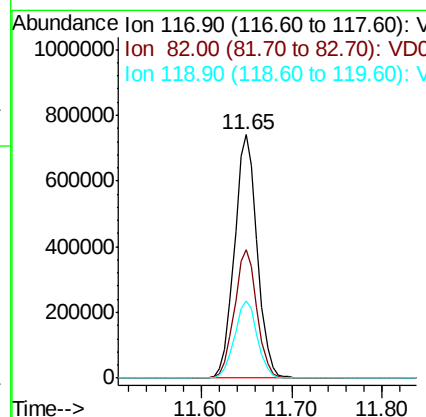
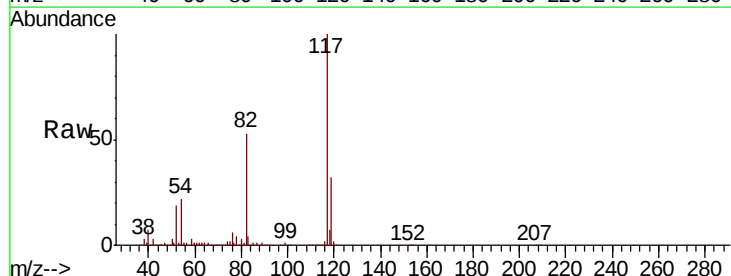
Instrument :
MSVOA_D
ClientSampleId :
TP-1-COMP

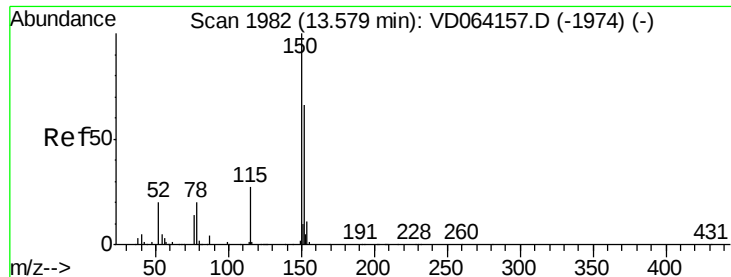
Tot Ion: 95 Resp: 576602
Ion Ratio Lower Upper
95 100
174 94.6 0.0 183.6
176 93.3 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064222.D
Acq: 15 Nov 2019 12:43

Tgt Ion: 117 Resp: 1288052
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 31.9 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064222.D

Acq: 15 Nov 2019 12:43

Instrument :

MSVOA_D

ClientSampleId :

TP-1-COMP

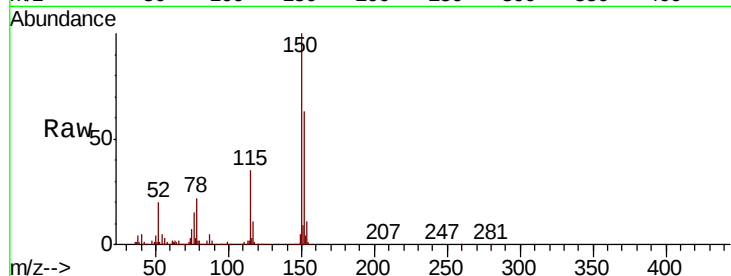
Tot Ion:152 Resp: 631816

Ion Ratio Lower Upper

152 100

115 55.7 27.4 82.2

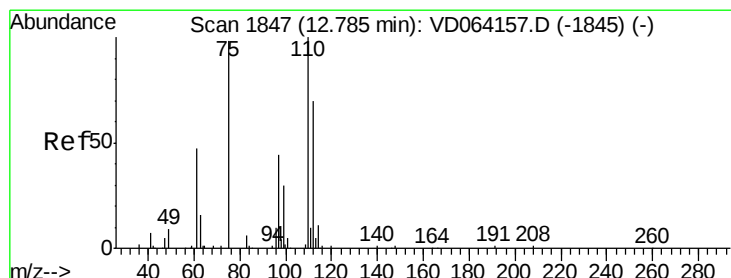
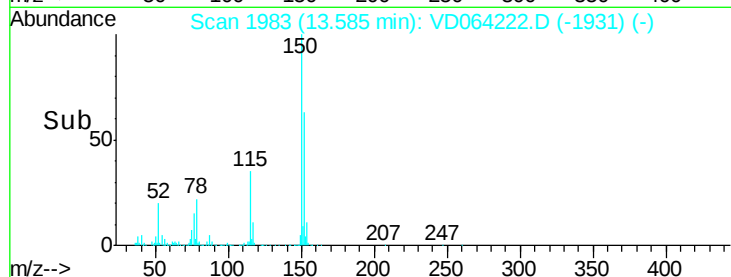
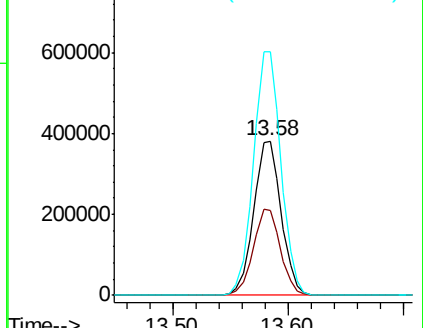
150 158.3 0.0 351.6



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: 57.788 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064222.D

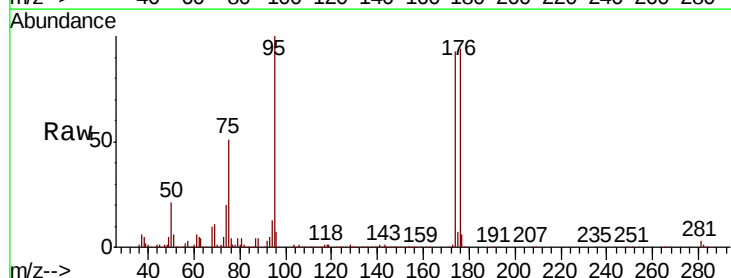
Acq: 15 Nov 2019 12:43

Tgt Ion: 75 Resp: 294088

Ion Ratio Lower Upper

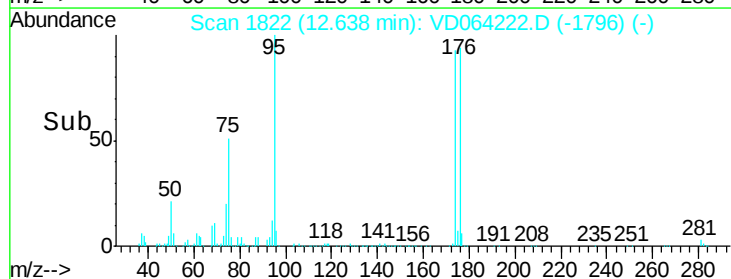
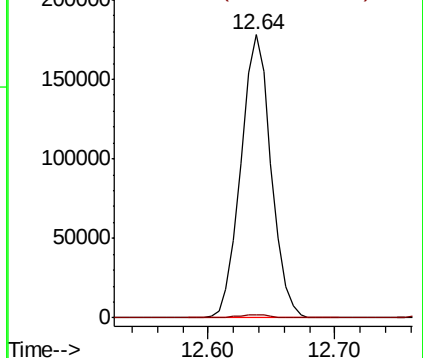
75 100

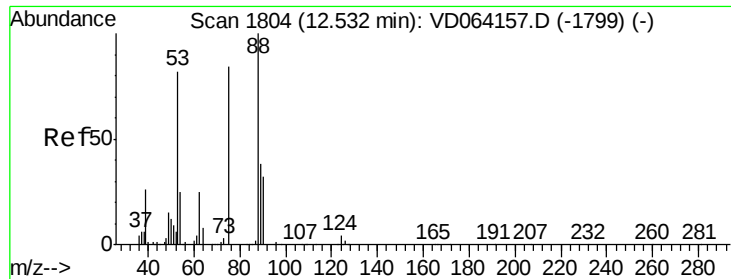
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 114.790 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064222.D

Acq: 15 Nov 2019 12:43

Instrument :

MSVOA_D

ClientSampleId :

TP-1-COMP

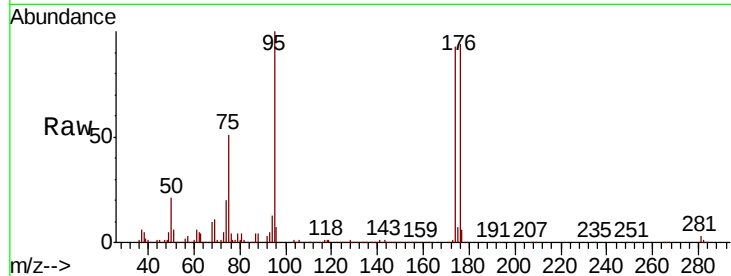
Tot Ion: 75 Resp: 294088

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.0 36.6 55.0#



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

