

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064256.D
 Acq On : 18 Nov 2019 11:06
 Operator : VA/SY
 Sample : VD1118SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:35:08 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

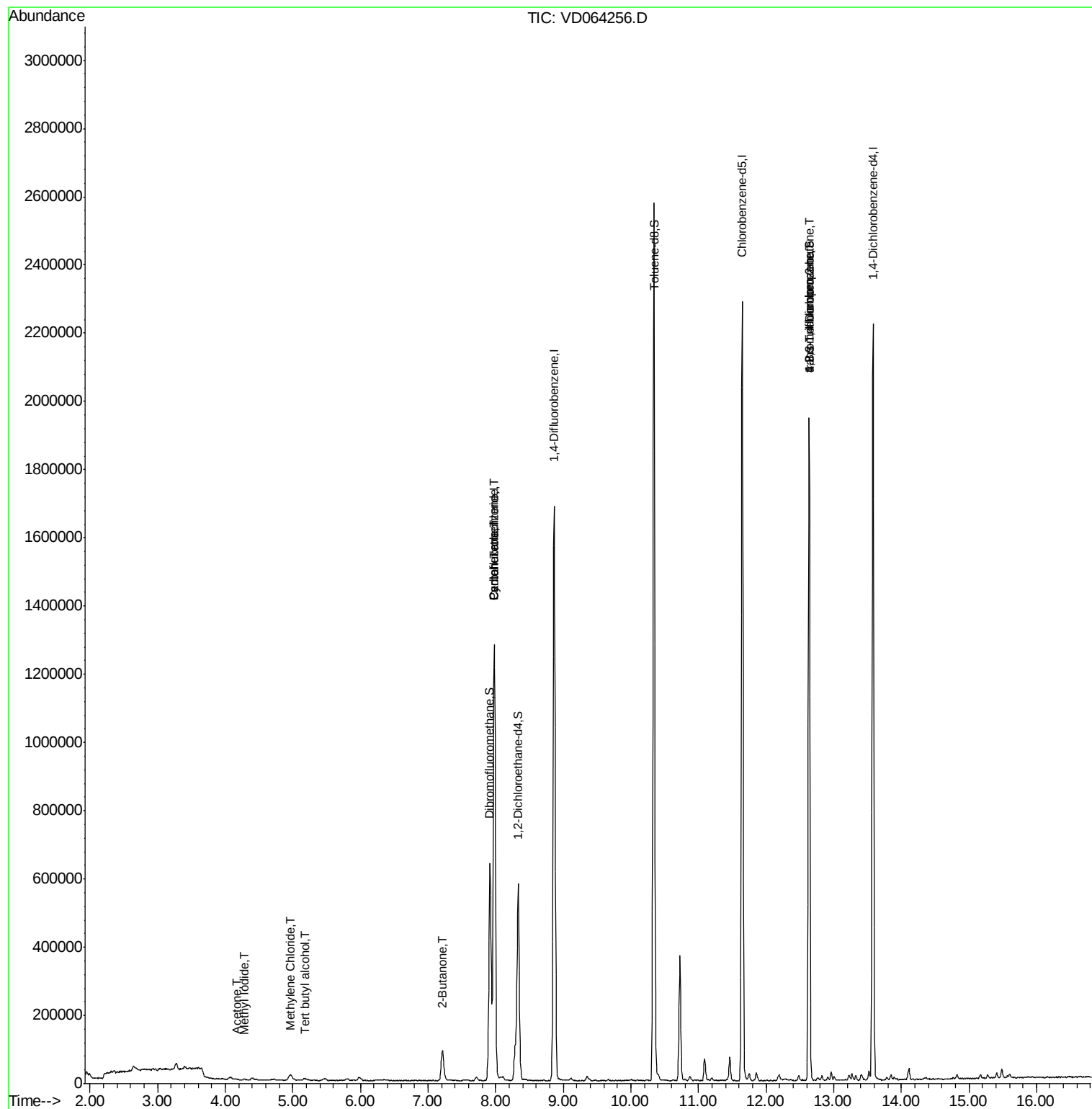
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	1038327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1478305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1271171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	605514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	441913	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
35) Dibromofluoromethane	7.91	113	441299	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
50) Toluene-d8	10.34	98	1742497	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
62) 4-Bromofluorobenzene	12.64	95	553478	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.29	142	2413	2.253	ug/l	94
11) Tert butyl alcohol	5.19	59	5669	9.504	ug/l #	84
16) Acetone	4.16	43	3811	1.884	ug/l	96
20) Methylene Chloride	4.96	84	12723	1.245	ug/l #	82
25) 2-Butanone	7.20	43	6414	2.454	ug/l #	80
31) Cyclohexane	7.98	56	24065	1.436	ug/l #	48
38) Carbon Tetrachloride	7.98	117	93716	6.419	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	288232	59.098	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	288232	117.391	ug/l #	10

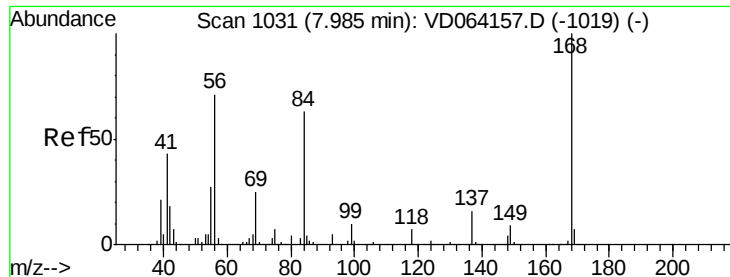
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111819\
Data File : VD064256.D
Acq On : 18 Nov 2019 11:06
Operator : VA/SY
Sample : VD1118SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 19 04:35:08 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: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064256.D

Acq: 18 Nov 2019 11:06

Instrument :

MSVOA_D

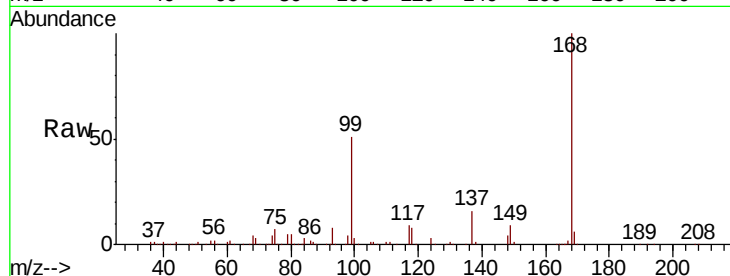
ClientSampled :

Tot Ion:168 Resp: 1038327

Ion Ratio Lower Upper

168 100

99 50.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

500000

400000

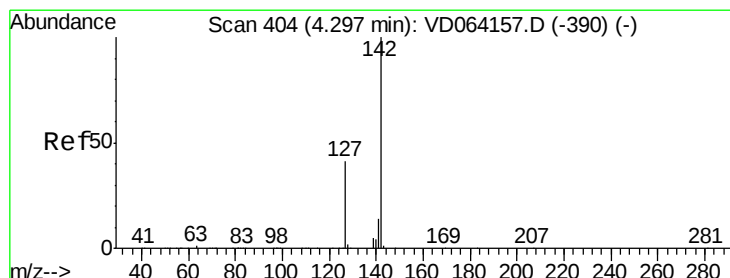
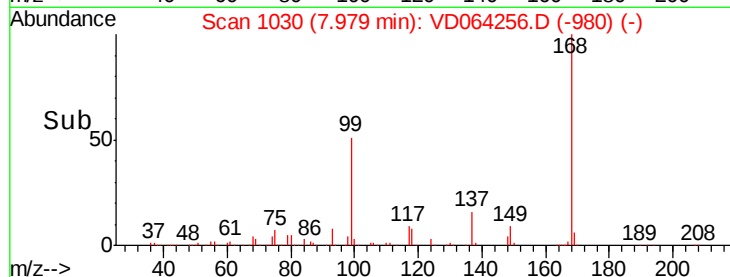
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.253 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064256.D

Acq: 18 Nov 2019 11:06

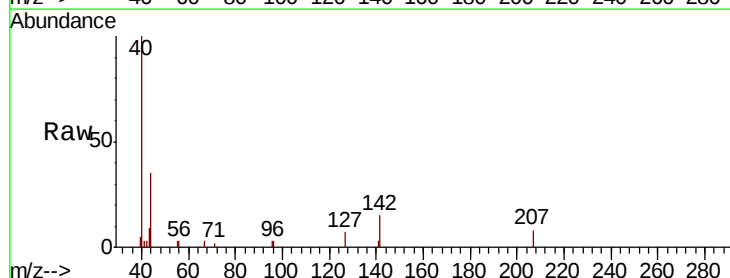
Tgt Ion:142 Resp: 2413

Ion Ratio Lower Upper

142 100

127 46.7 34.4 51.6

141 11.8 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

1200

1000

800

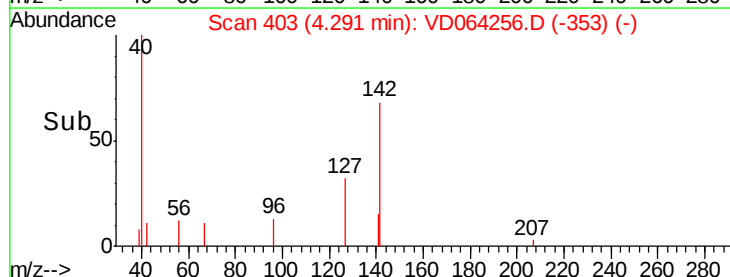
600

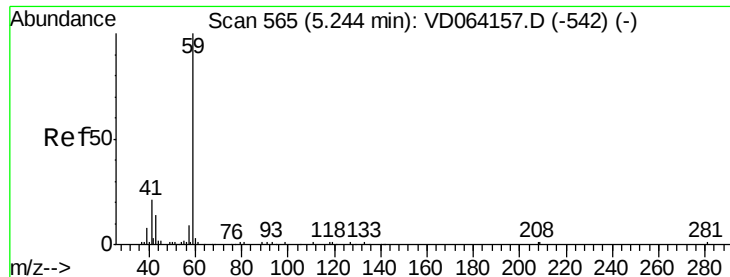
400

200

0

Time-->

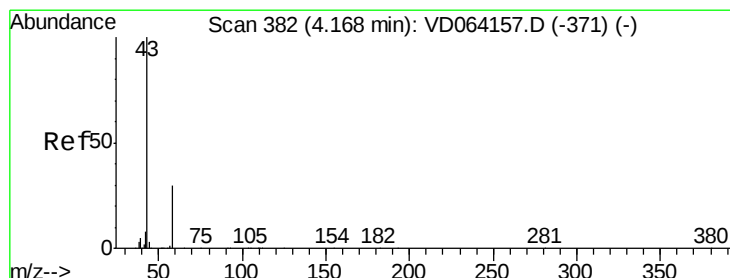
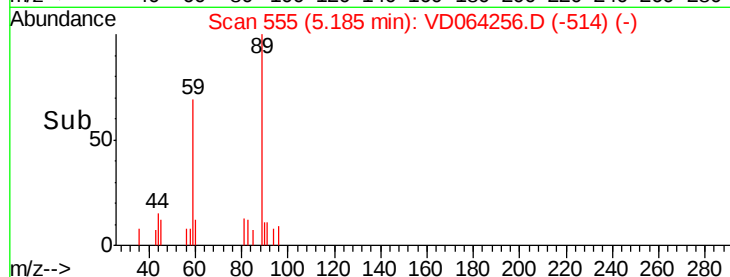
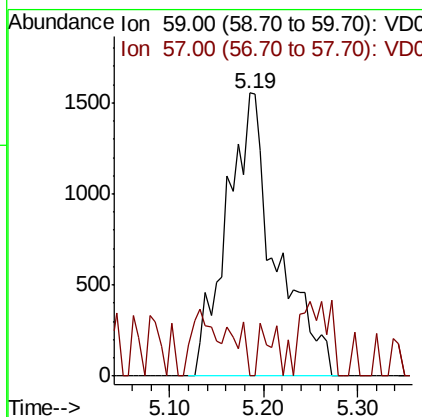
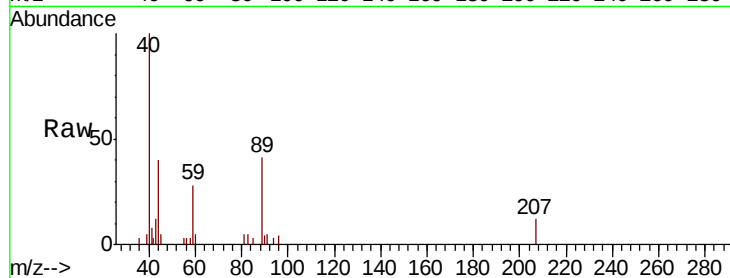




#11
Tert butyl alcohol
Concen: 9.504 ug/l
RT: 5.19 min Scan# 555
Delta R.T. -0.06 min
Lab File: VD064256.D
Acq: 18 Nov 2019 11:06

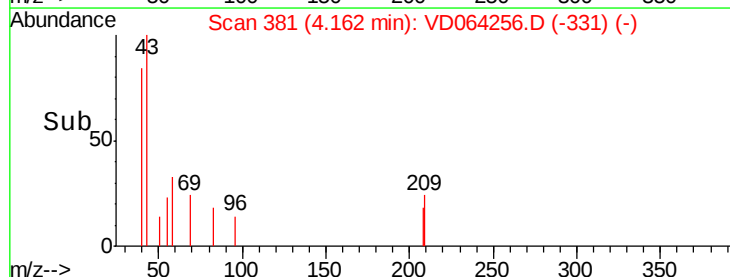
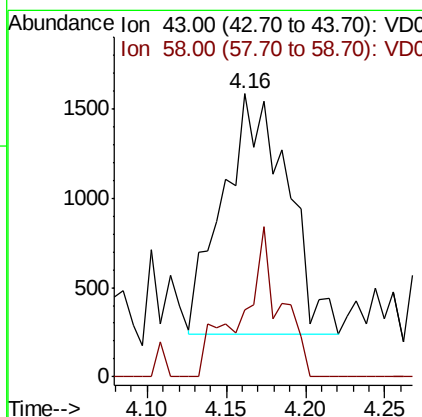
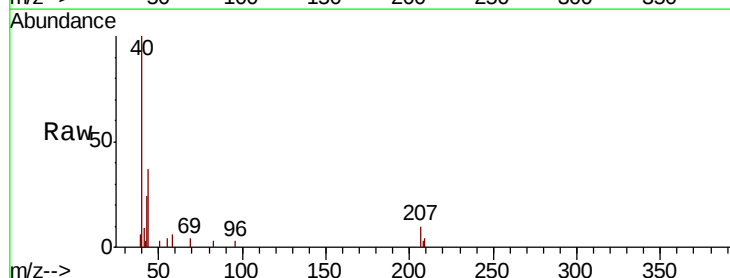
Instrument :
MSVOA_D
ClientSampled :

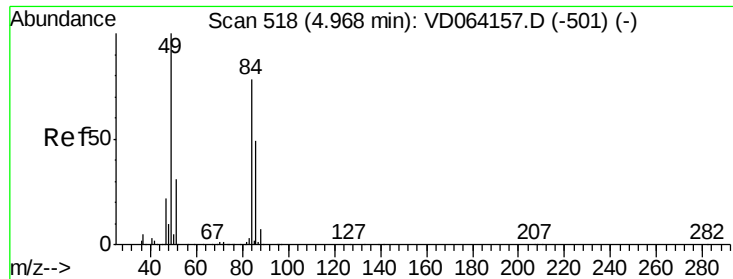
Tot Ion: 59 Resp: 5669
Ion Ratio Lower Upper
59 100
57 5.5 9.4 14.2#



#16
Acetone
Concen: 1.884 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD064256.D
Acq: 18 Nov 2019 11:06

Tgt Ion: 43 Resp: 3811
Ion Ratio Lower Upper
43 100
58 28.1 24.1 36.1

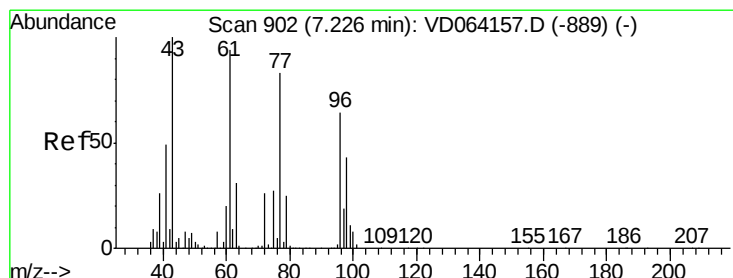
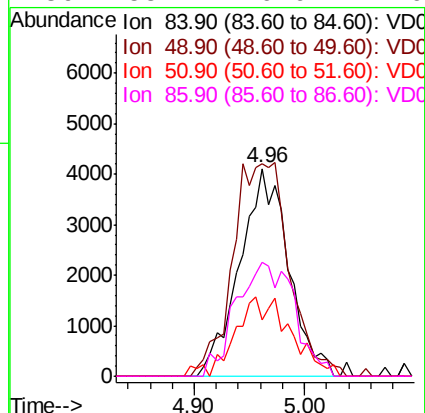
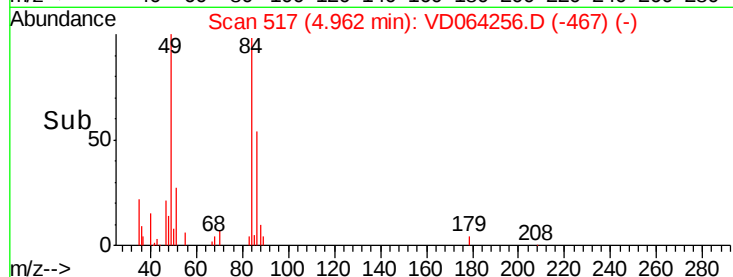
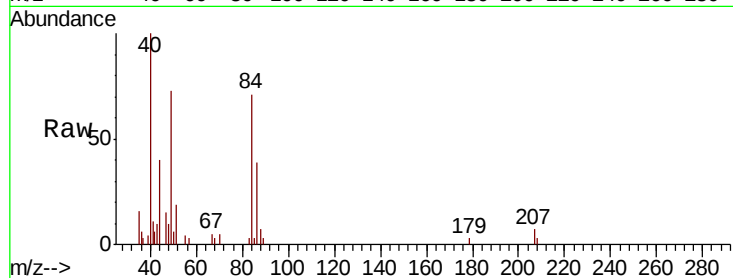




#20
Methvlene Chloride
Concen: 1.245 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064256.D
Acq: 18 Nov 2019 11:06

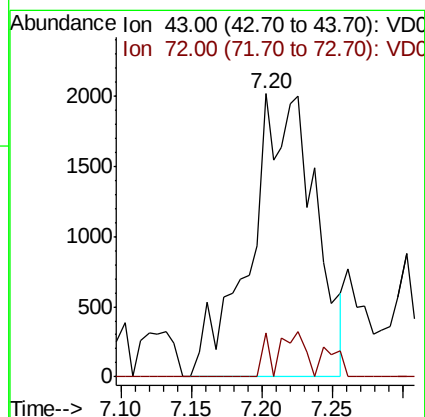
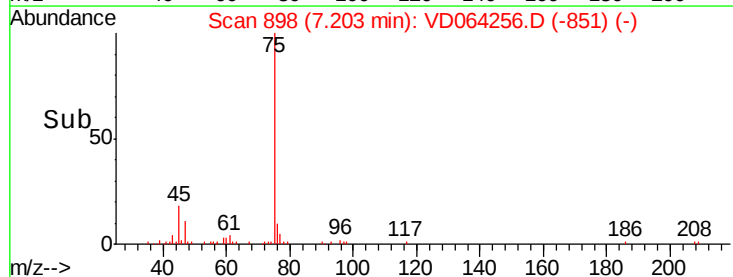
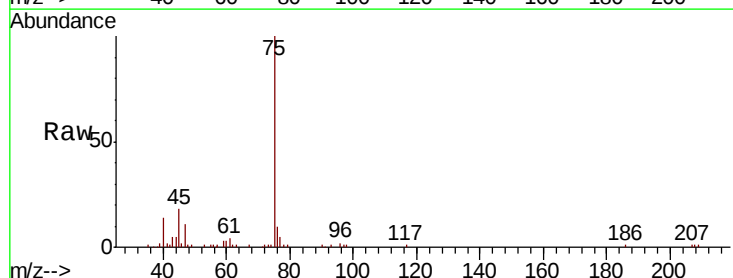
Instrument :
MSVOA_D
ClientSampleId :

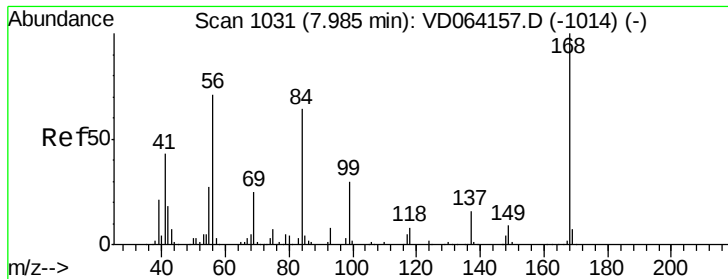
Tot Ion: 84 Resp: 12723
Ion Ratio Lower Upper
84 100
49 102.3 102.1 153.1
51 27.3 32.2 48.2#
86 55.2 49.9 74.9



#25
2-Butanone
Concen: 2.454 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.02 min
Lab File: VD064256.D
Acq: 18 Nov 2019 11:06

Tgt Ion: 43 Resp: 6414
Ion Ratio Lower Upper
43 100
72 15.4 20.6 30.8#





#31

Cyclohexane

Concen: 1.436 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064256.D

Acq: 18 Nov 2019 11:06

Instrument :
MSVOA_D
ClientSampleId :

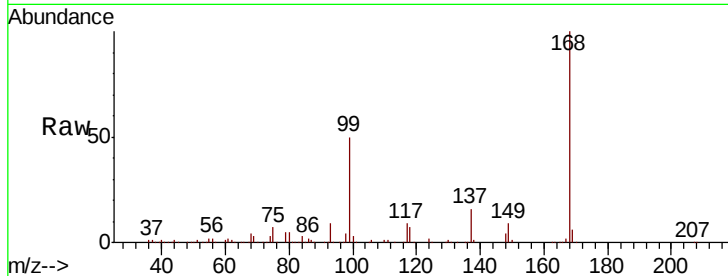
Tot Ion: 56 Resp: 24065

Ion Ratio Lower Upper

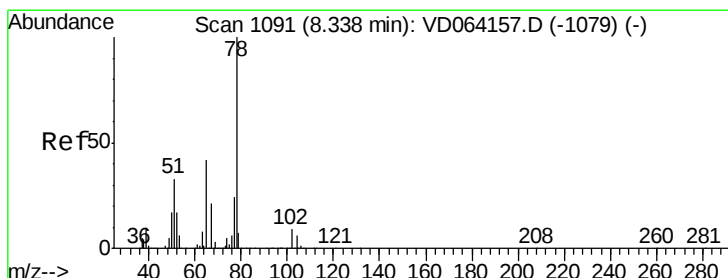
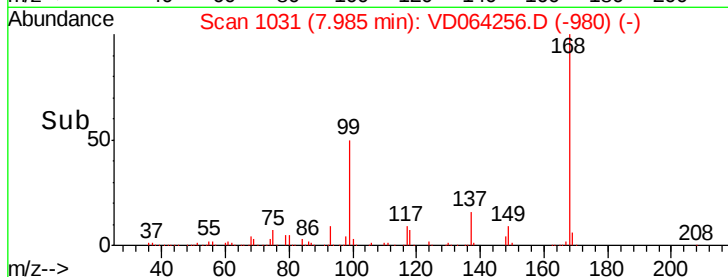
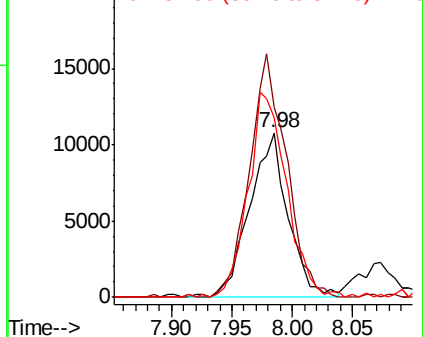
56 100

69 115.5 28.2 42.4#

84 106.7 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: 51.749 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064256.D

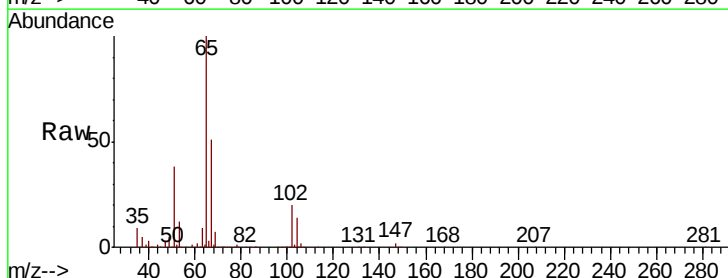
Acq: 18 Nov 2019 11:06

Tgt Ion: 65 Resp: 441913

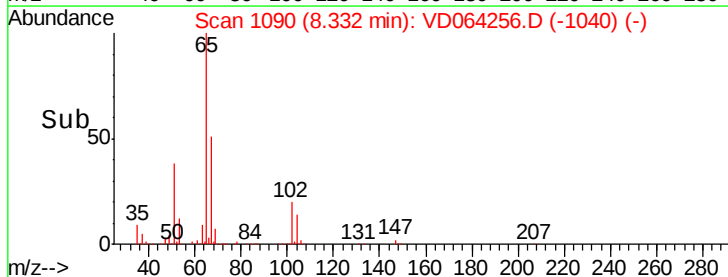
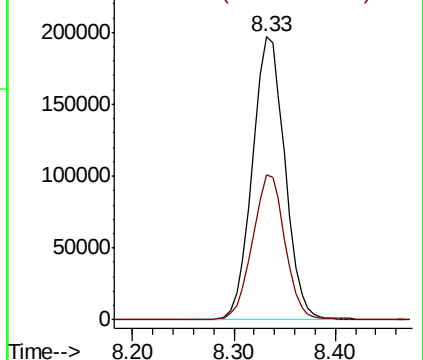
Ion Ratio Lower Upper

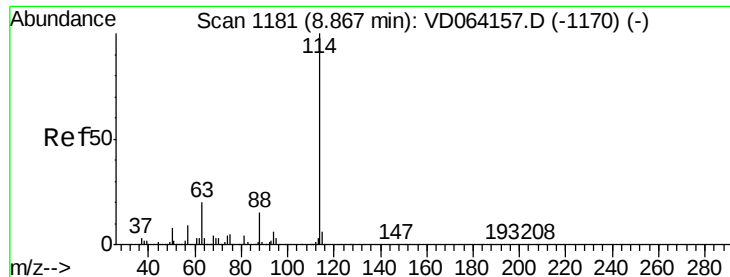
65 100

67 51.3 0.0 104.4



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

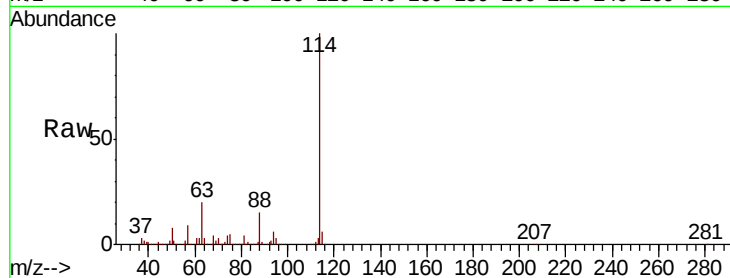




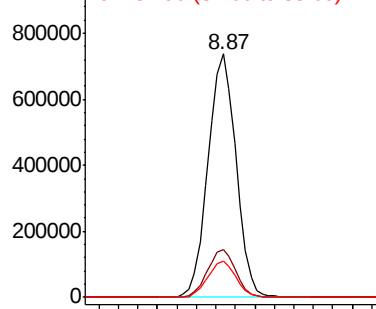
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064256.D
 Acq: 18 Nov 2019 11:06

Instrument :
 MSVOA_D
 ClientSampleId :

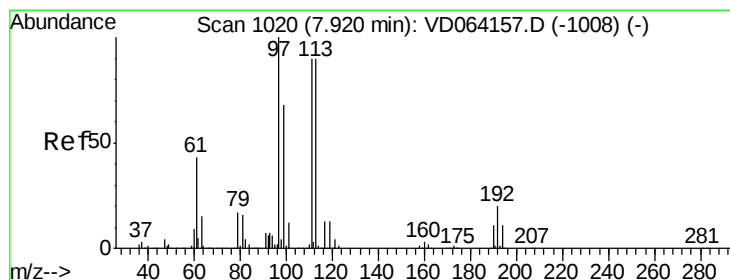
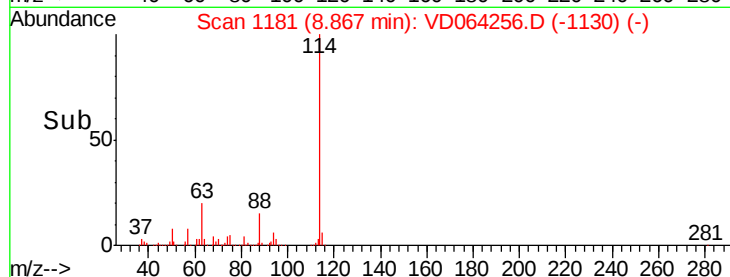
Tot Ion:114 Resp: 1478305
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V
 1000000 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

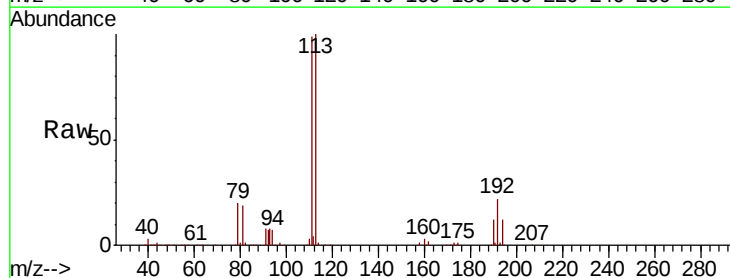


Time-->

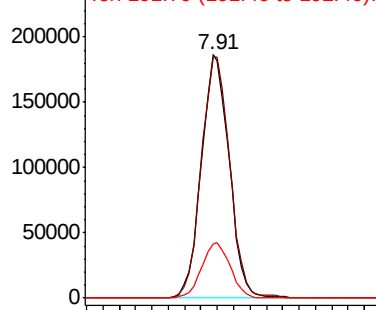


#35
 Dibromofluoromethane
 Concen: 52.005 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064256.D
 Acq: 18 Nov 2019 11:06

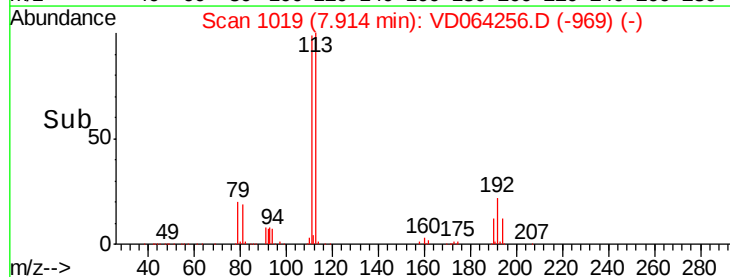
Tgt Ion:113 Resp: 441299
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.5 122.3
 192 23.5 18.8 28.2

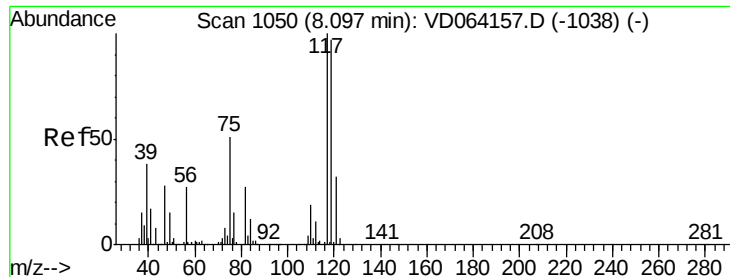


Abundance Ion 112.80 (112.50 to 113.50): V
 250000 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#38

Carbon Tetrachloride

Concen: 6.419 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064256.D

Acq: 18 Nov 2019 11:06

Instrument :

MSVOA_D

ClientSampled :

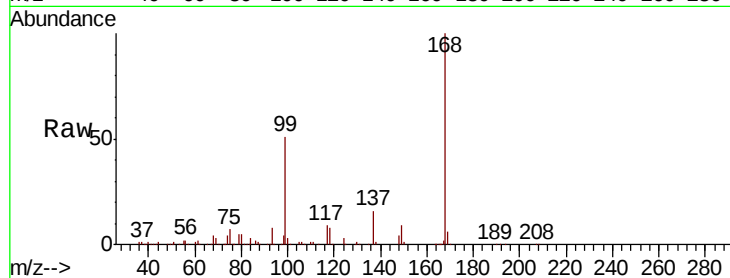
Tot Ion:117 Resp: 93716

Ion Ratio Lower Upper

117 100

119 5.0 77.2 115.8#

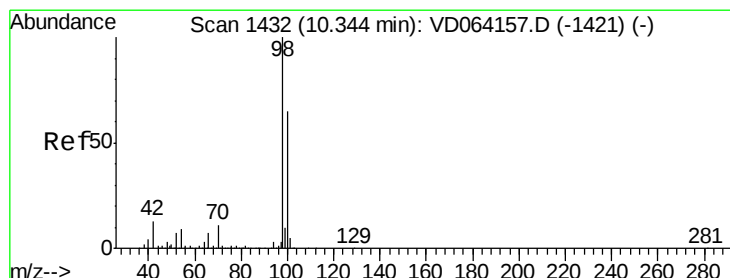
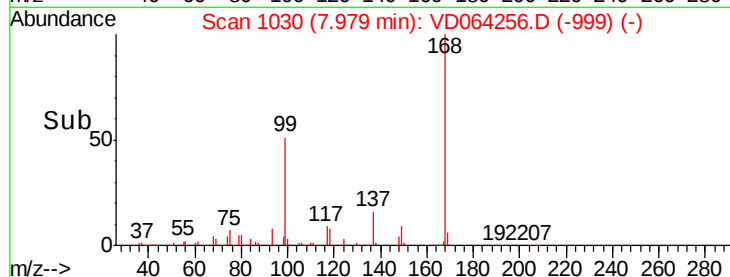
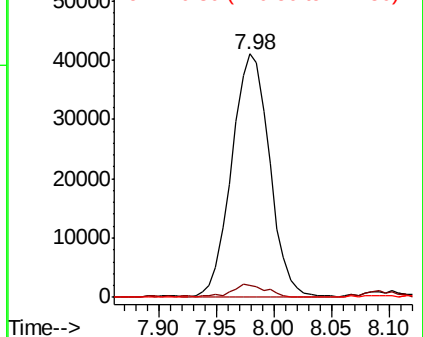
121 0.0 25.5 38.3#



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: 54.433 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064256.D

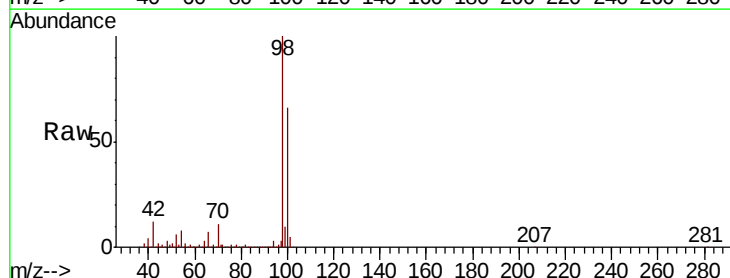
Acq: 18 Nov 2019 11:06

Tgt Ion: 98 Resp: 1742497

Ion Ratio Lower Upper

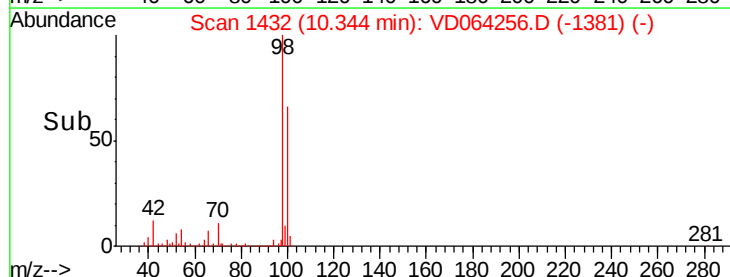
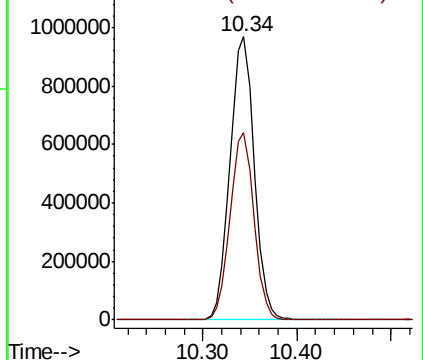
98 100

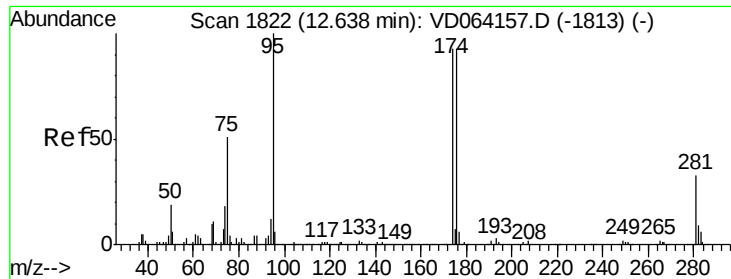
100 65.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

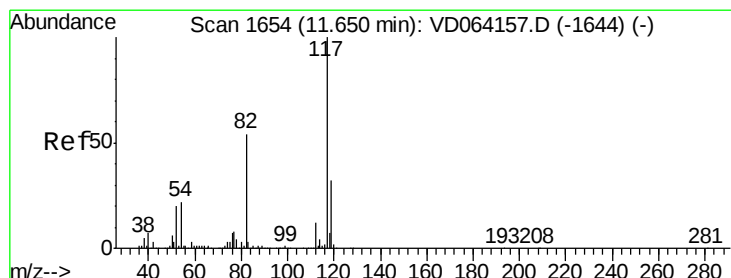
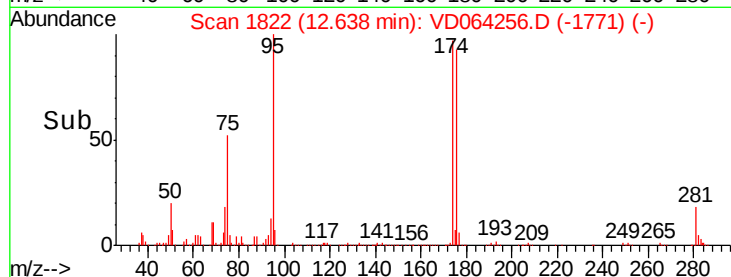
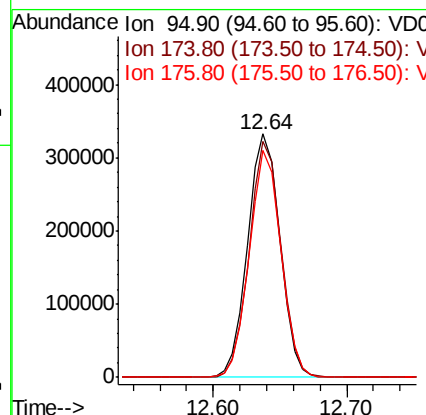
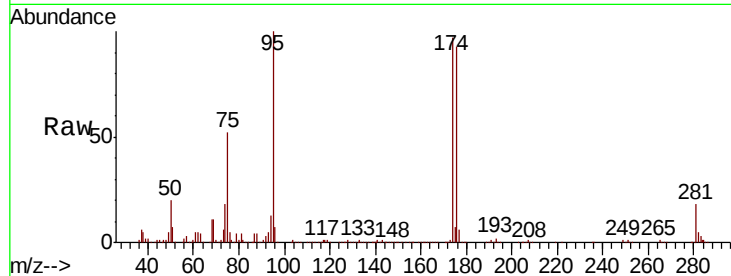




#62
4-Bromofluorobenzene
Concen: 49.926 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064256.D
Acq: 18 Nov 2019 11:06

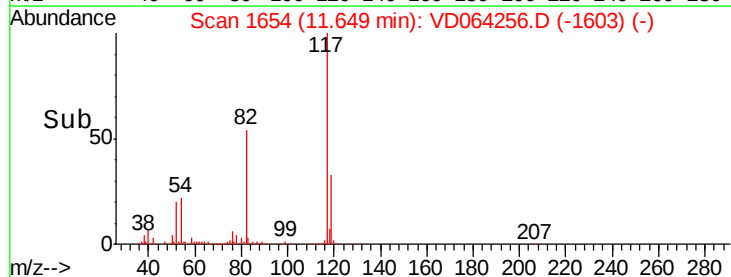
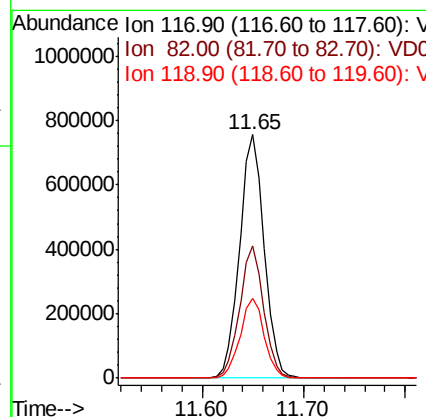
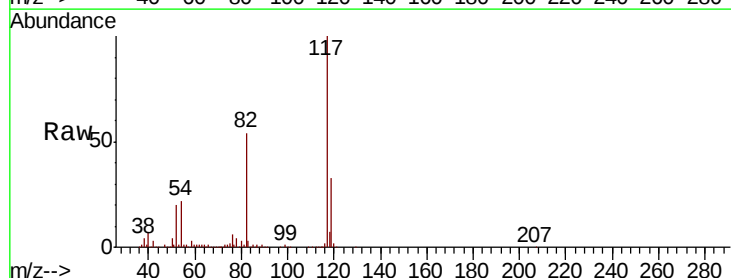
Instrument :
MSVOA_D
ClientSampleId :

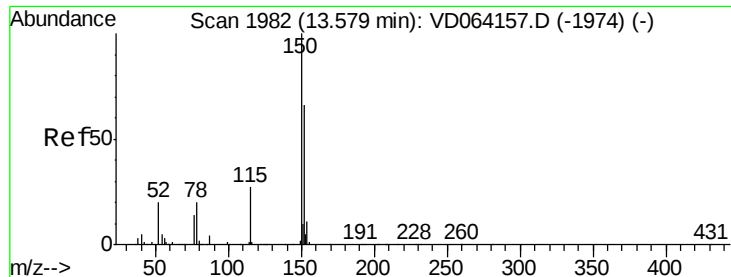
Tot Ion: 95 Resp: 553478
Ion Ratio Lower Upper
95 100
174 94.8 0.0 183.6
176 91.5 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064256.D
Acq: 18 Nov 2019 11:06

Tgt Ion: 117 Resp: 1271171
Ion Ratio Lower Upper
117 100
82 54.2 42.8 64.2
119 33.0 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: VD064256.D

Acq: 18 Nov 2019 11:06

Instrument :

MSVOA_D

ClientSampleId :

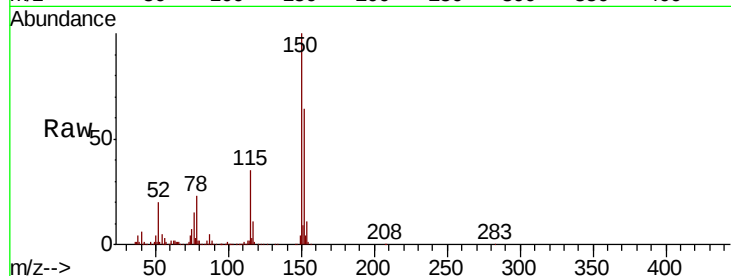
Tot Ion:152 Resp: 605514

Ion Ratio Lower Upper

152 100

115 55.1 27.4 82.2

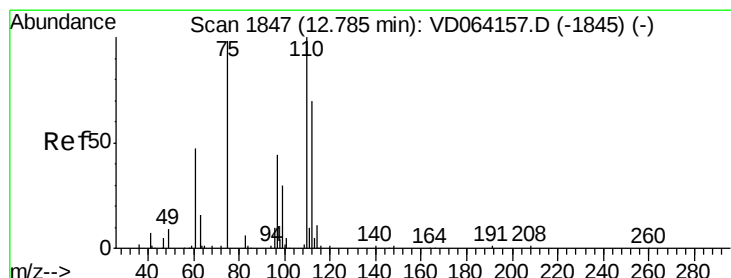
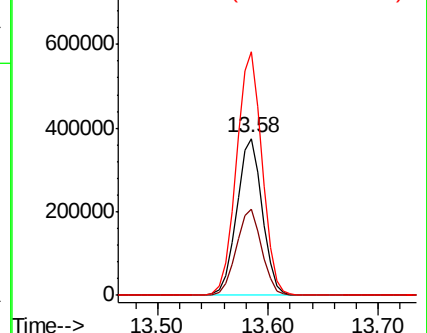
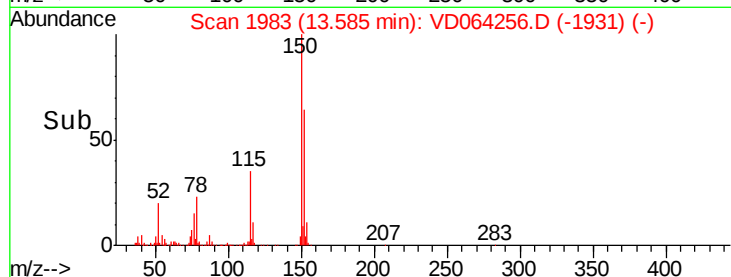
150 156.4 0.0 351.6



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: 59.098 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064256.D

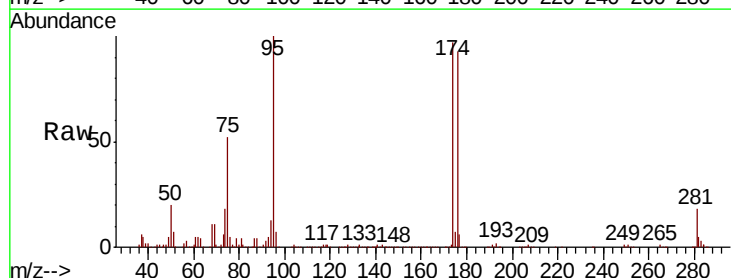
Acq: 18 Nov 2019 11:06

Tgt Ion: 75 Resp: 288232

Ion Ratio Lower Upper

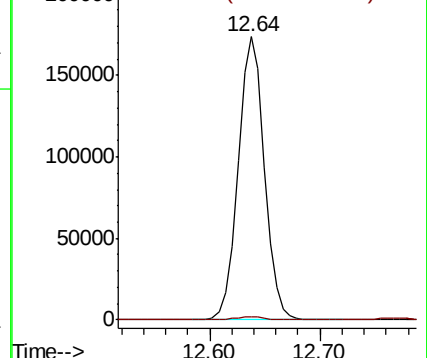
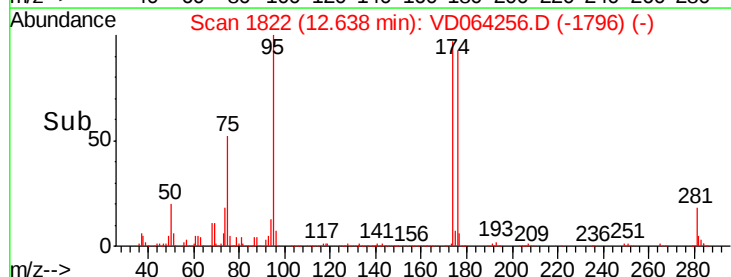
75 100

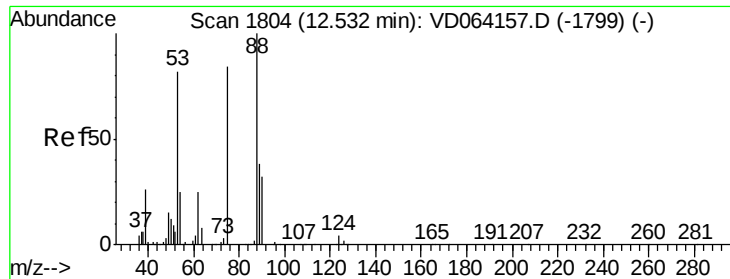
77 1.3 0.0 0.0#



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: 117.391 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064256.D

Acq: 18 Nov 2019 11:06

Instrument :

MSVOA_D

ClientSampleId :

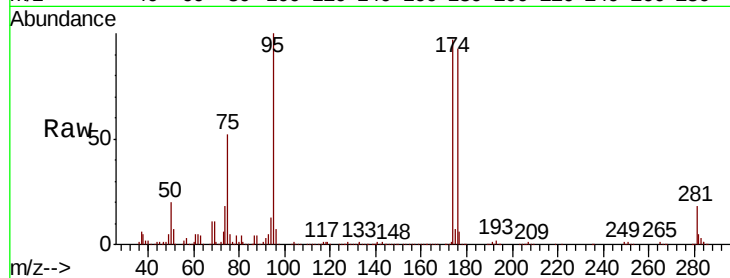
Tot Ion: 75 Resp: 288232

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.1 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

