

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102919\
 Data File : VD064096.D
 Acq On : 29 Oct 2019 18:42
 Operator : VA/SY
 Sample : K5563-08RE
 Misc : 6.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Quant Time: Oct 30 08:34:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

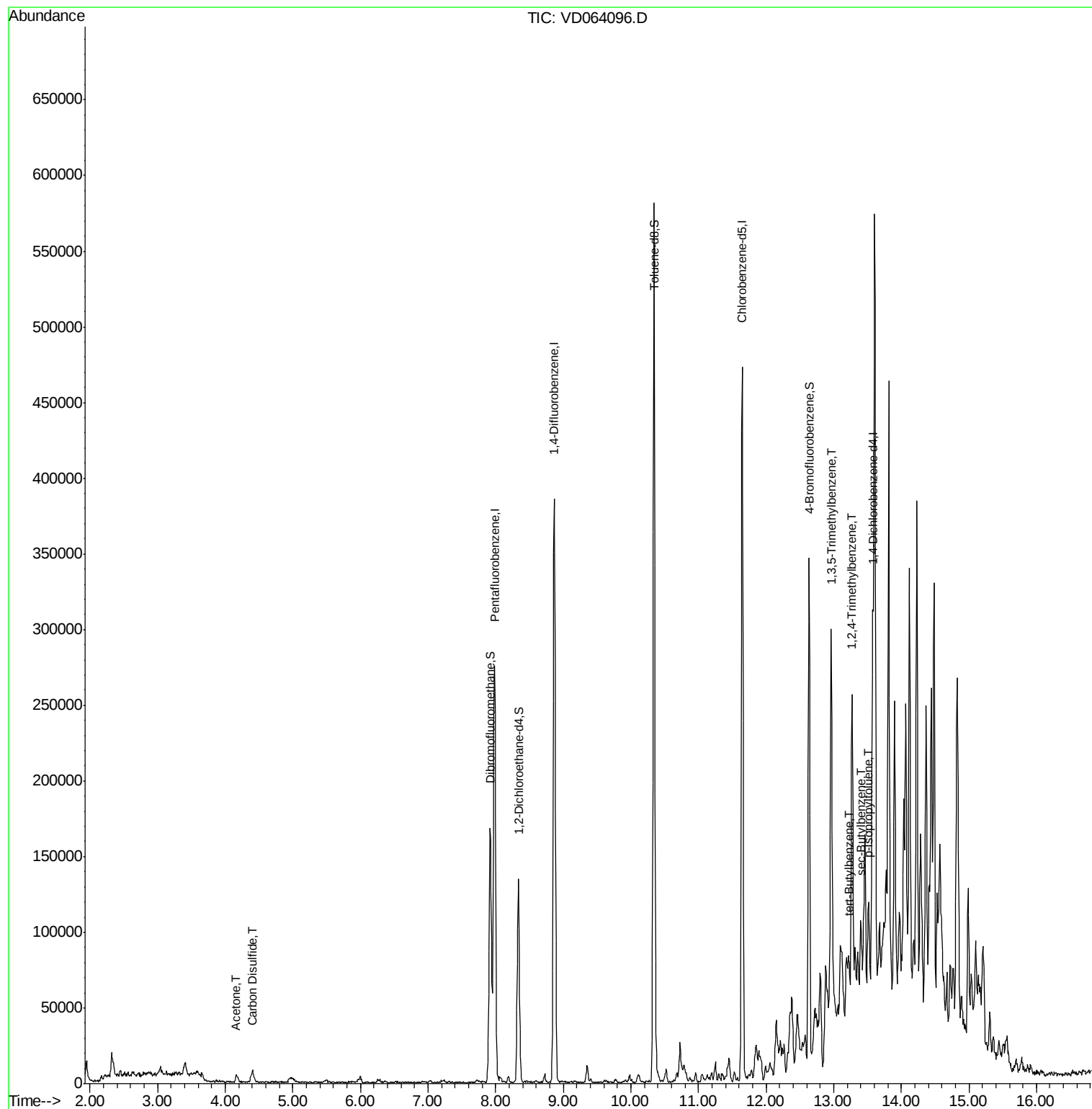
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	222269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	362084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	275080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	72289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	107863	61.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.04%	
35) Dibromofluoromethane	7.92	113	118987	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
50) Toluene-d8	10.34	98	401324	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.10%	
62) 4-Bromofluorobenzene	12.64	95	90848	30.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.52%	
Target Compounds						
16) Acetone	4.16	43	7604	22.608	ug/l	96
17) Carbon Disulfide	4.40	76	15898	2.683	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	121832	28.979	ug/l	96
83) tert-Butylbenzene	13.23	119	5875	1.556	ug/l	80
84) 1,2,4-Trimethylbenzene	13.27	105	112754	26.698	ug/l	95
85) sec-Butylbenzene	13.41	105	18927	3.650	ug/l #	57
86) p-Isopropyltoluene	13.52	119	30320	6.223	ug/l	99

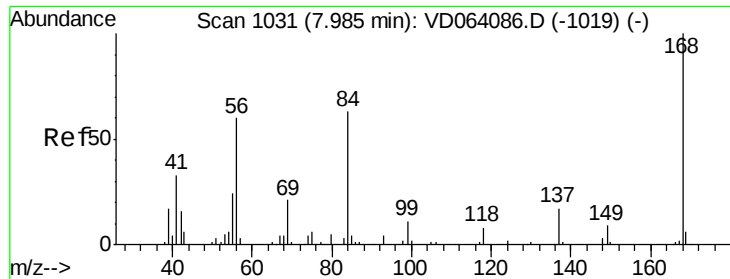
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102919\
Data File : VD064096.D
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Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 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: VD064096.D

Acq: 29 Oct 2019 18:42

Instrument :

MSVOA_D

ClientSampleId :

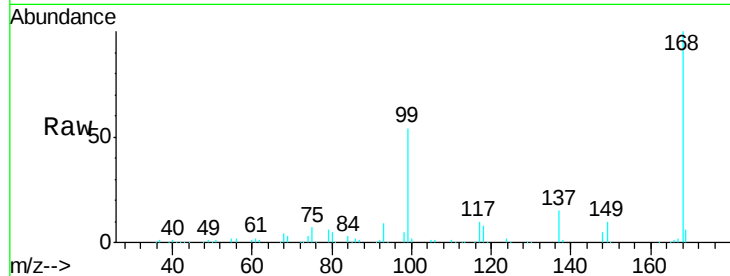
TP-1RE

Tgt Ion:168 Resp: 222269

Ion Ratio Lower Upper

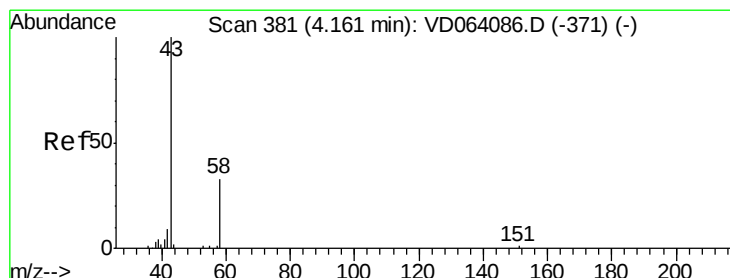
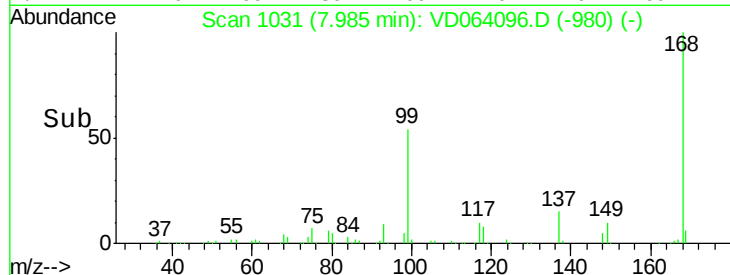
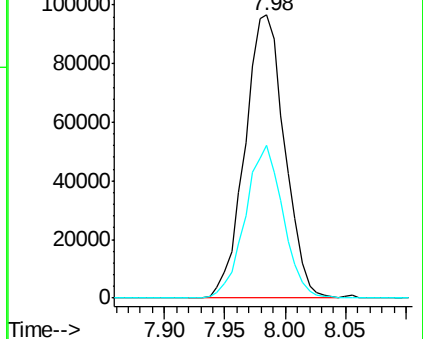
168 100

99 54.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 22.608 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD064096.D

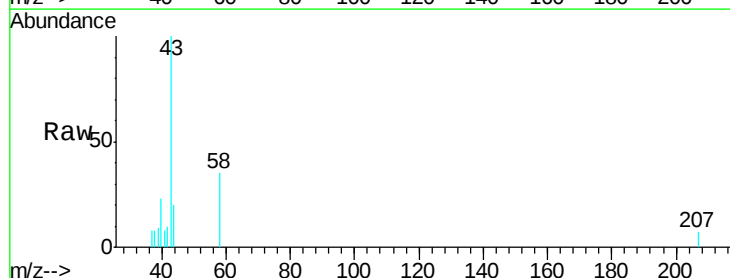
Acq: 29 Oct 2019 18:42

Tgt Ion: 43 Resp: 7604

Ion Ratio Lower Upper

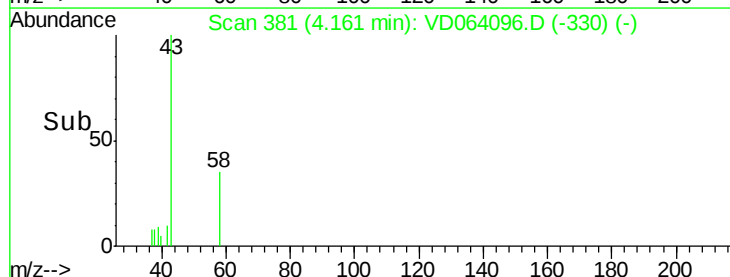
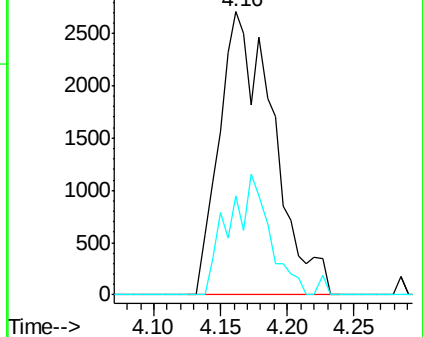
43 100

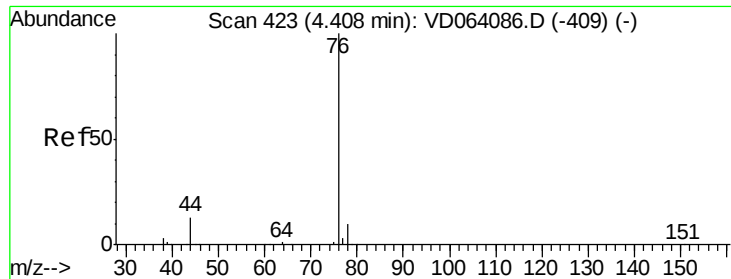
58 35.0 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

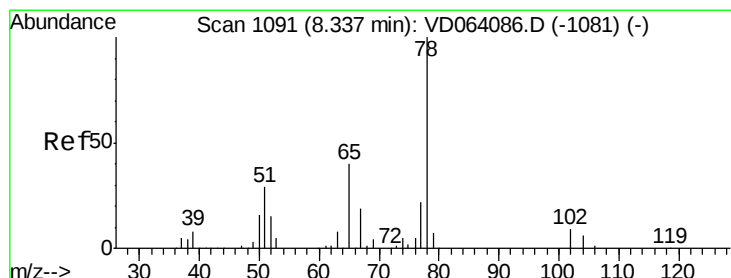
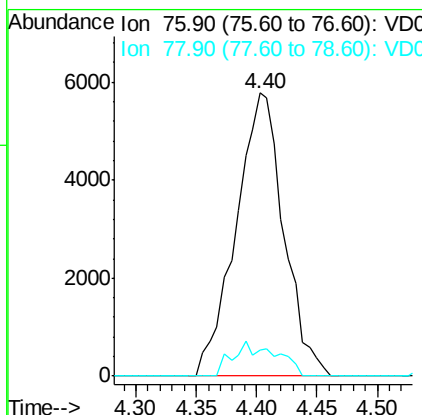
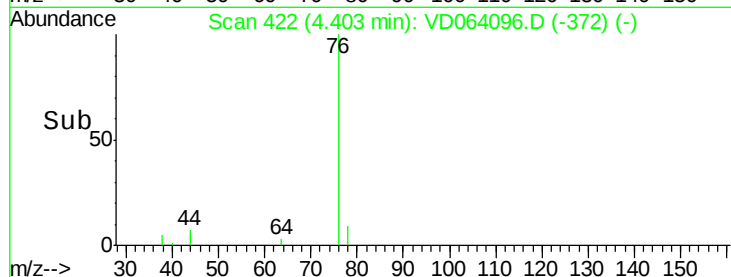
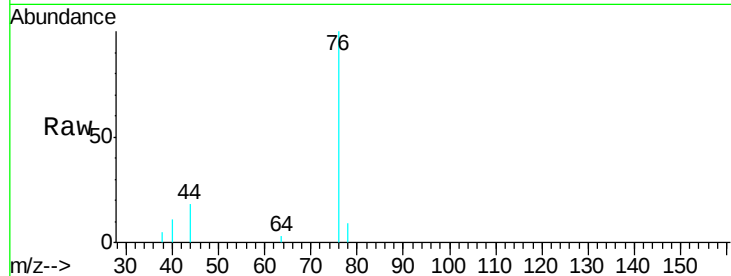




#17
Carbon Disulfide
Concen: 2.683 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD064096.D
Acq: 29 Oct 2019 18:42

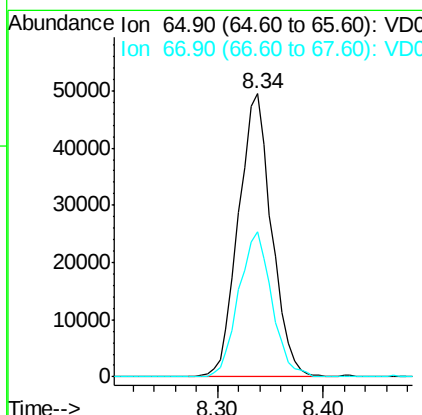
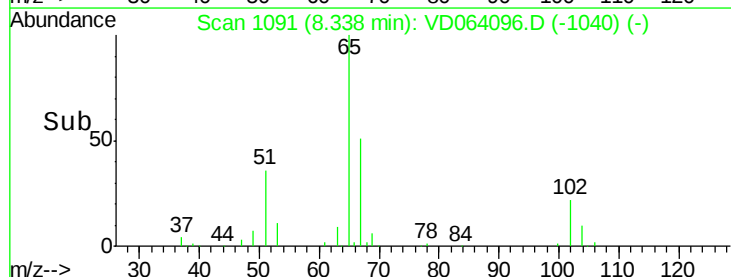
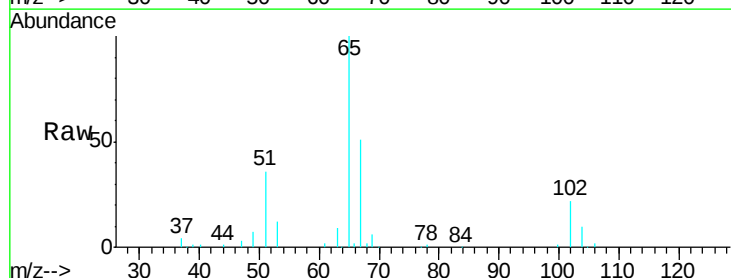
Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

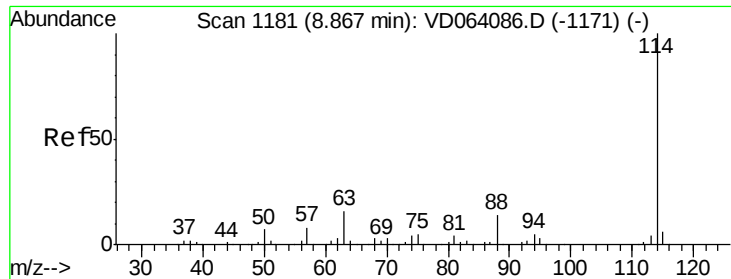
Tgt Ion: 76 Resp: 15898
Ion Ratio Lower Upper
76 100
78 9.4 8.1 12.1



#33
1,2-Dichloroethane-d4
Concen: 61.018 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064096.D
Acq: 29 Oct 2019 18:42

Tgt Ion: 65 Resp: 107863
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6

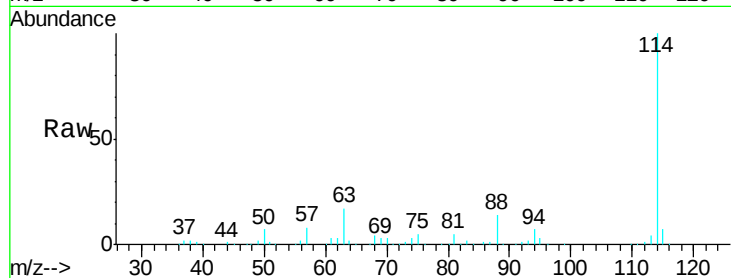




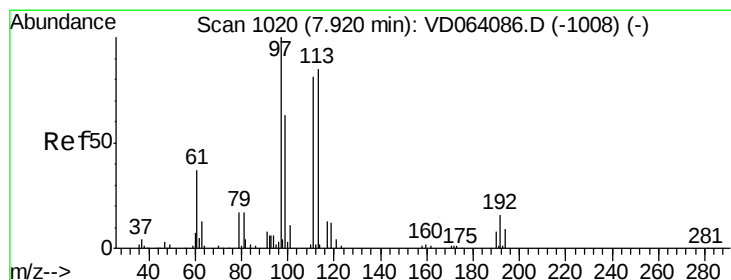
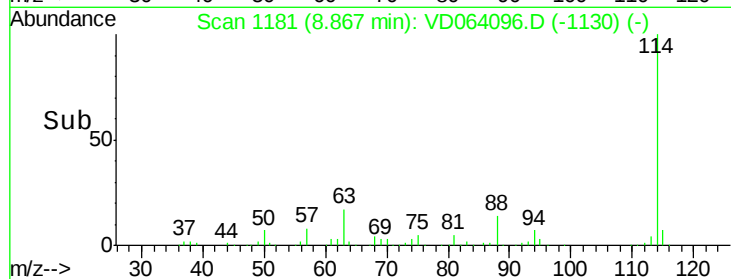
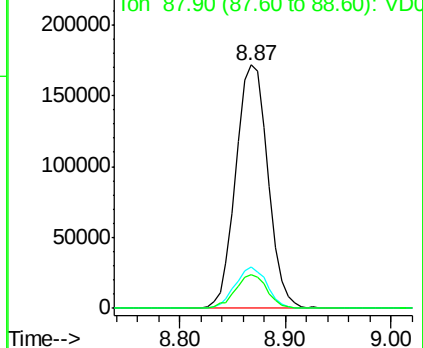
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064096.D
 Acq: 29 Oct 2019 18:42

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Tgt Ion:114 Resp: 362084
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 32.8
 88 13.7 0.0 27.6

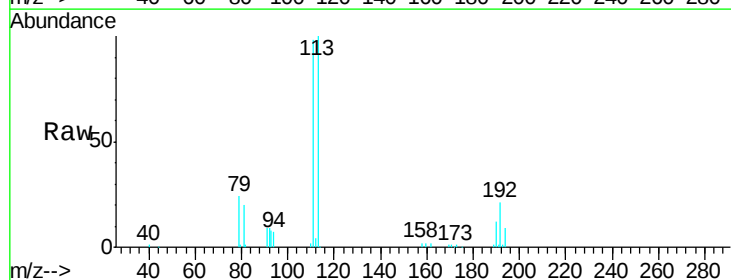


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

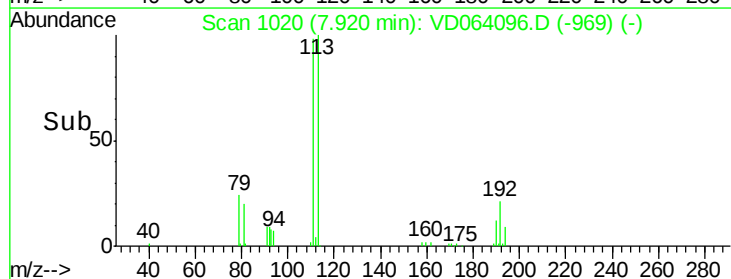
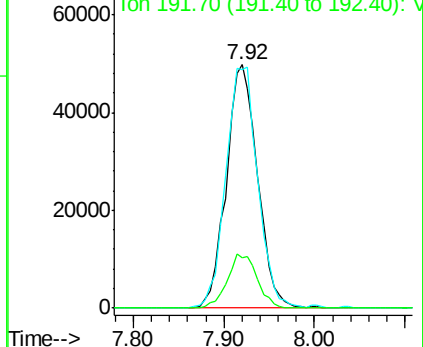


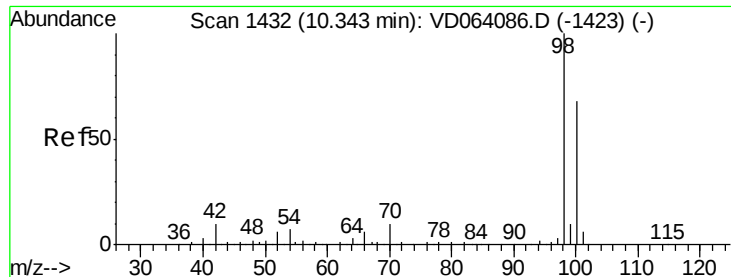
#35
 Dibromofluoromethane
 Concen: 53.414 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064096.D
 Acq: 29 Oct 2019 18:42

Tgt Ion:113 Resp: 118987
 Ion Ratio Lower Upper
 113 100
 111 101.3 79.3 118.9
 192 21.0 16.2 24.2



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: 45.048 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064096.D

Acq: 29 Oct 2019 18:42

Instrument :

MSVOA_D

ClientSampled :

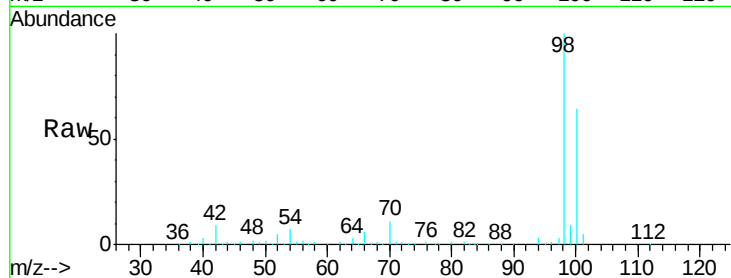
TP-1RE

Tgt Ion: 98 Resp: 401324

Ion Ratio Lower Upper

98 100

100 64.2 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

250000

200000

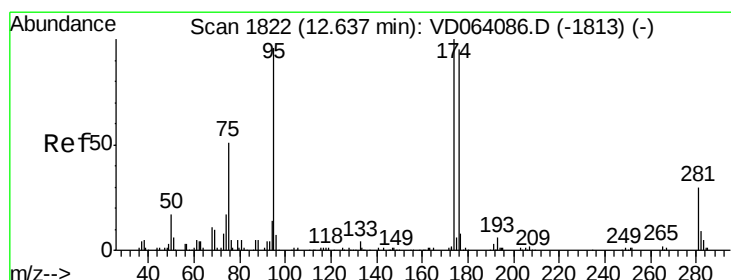
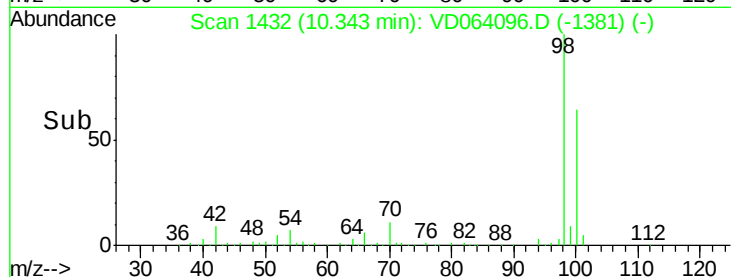
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 30.759 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064096.D

Acq: 29 Oct 2019 18:42

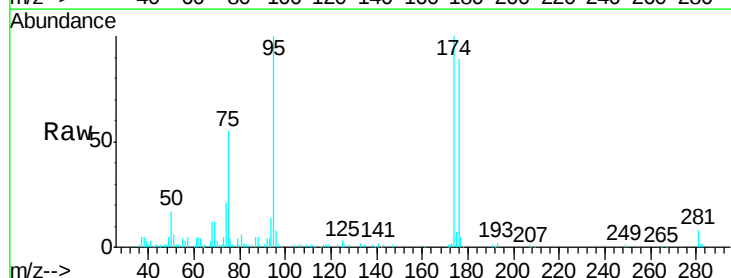
Tgt Ion: 95 Resp: 90848

Ion Ratio Lower Upper

95 100

174 98.3 0.0 201.6

176 88.8 0.0 192.6



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

80000

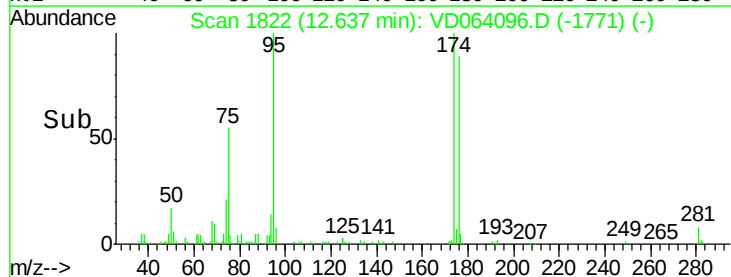
60000

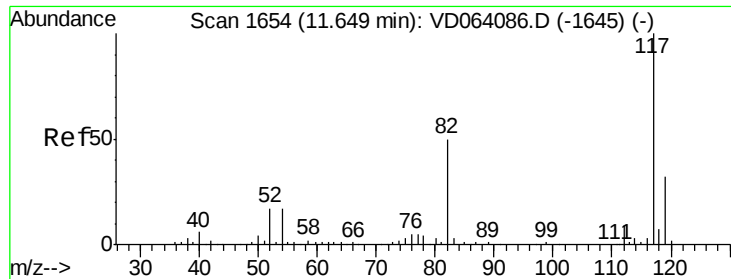
40000

20000

0

Time-->

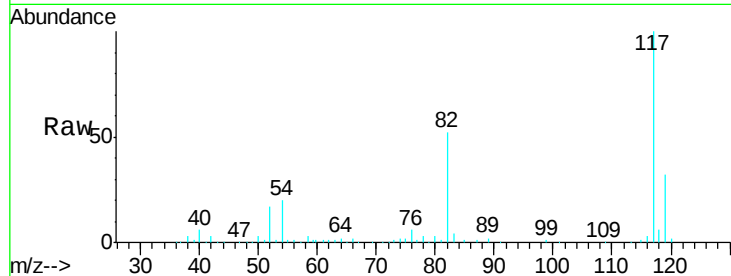




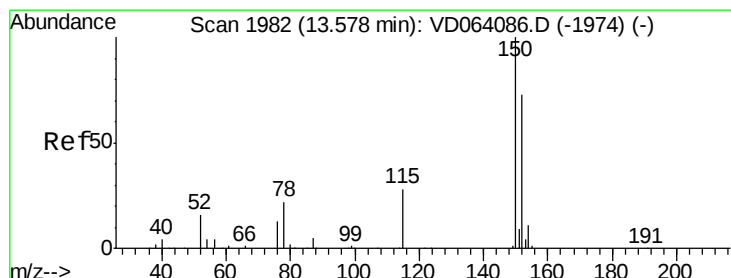
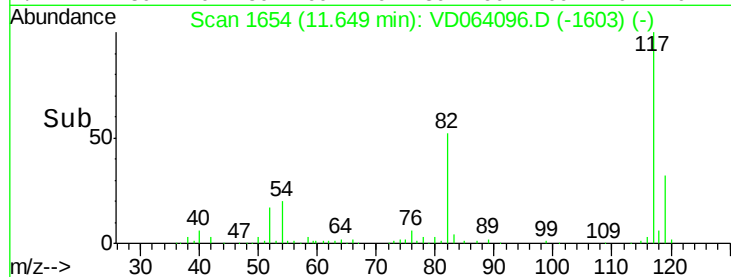
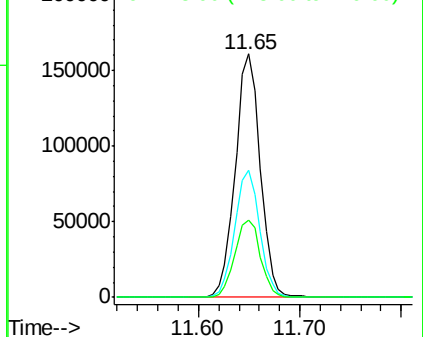
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064096.D
Acq: 29 Oct 2019 18:42

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Tgt Ion:117 Resp: 275080
Ion Ratio Lower Upper
117 100
82 51.9 40.2 60.4
119 31.7 26.0 39.0

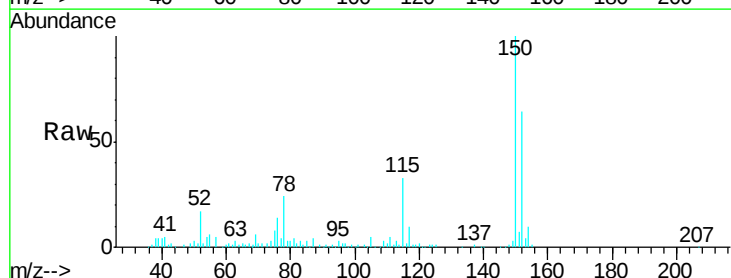


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

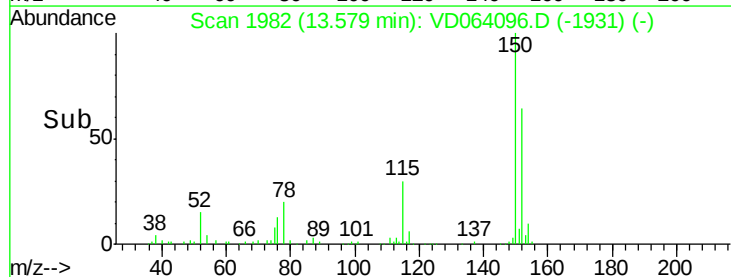
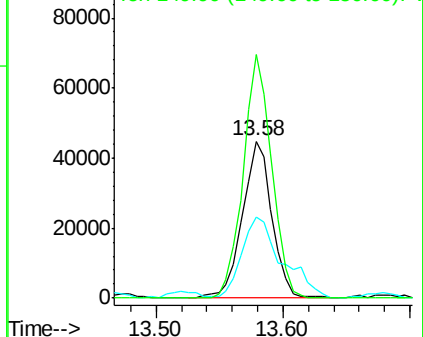


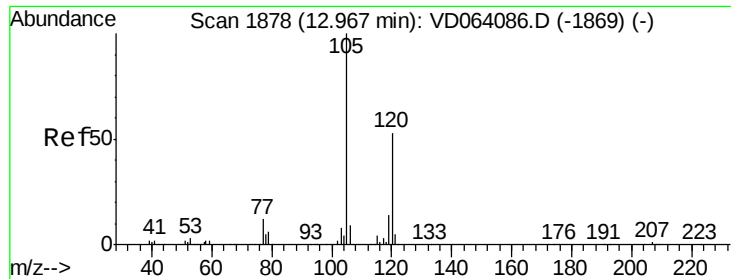
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064096.D
Acq: 29 Oct 2019 18:42

Tgt Ion:152 Resp: 72289
Ion Ratio Lower Upper
152 100
115 71.1 26.2 78.6
150 149.9 0.0 338.8



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

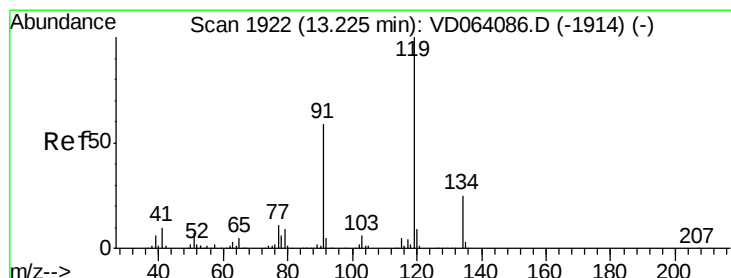
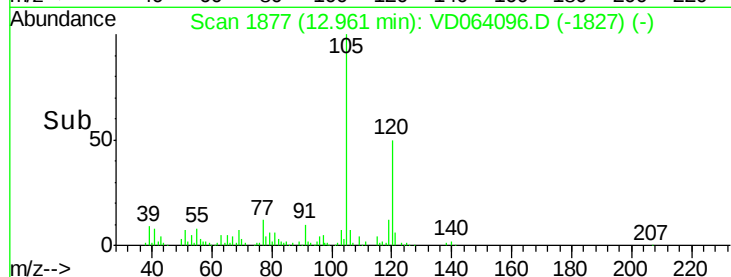
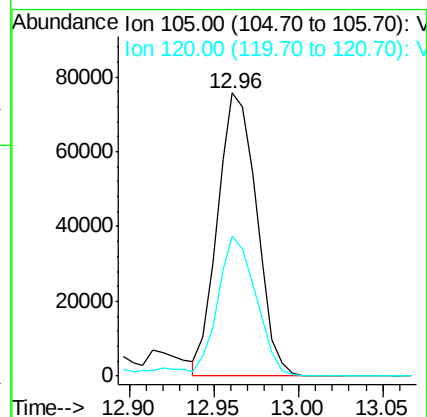
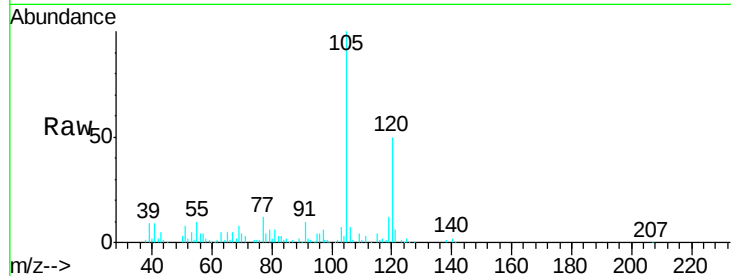




#80
 1,3,5-Trimethylbenzene
 Concen: 28.979 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VD064096.D
 Acq: 29 Oct 2019 18:42

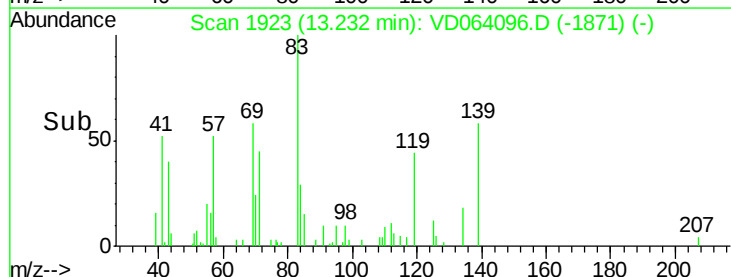
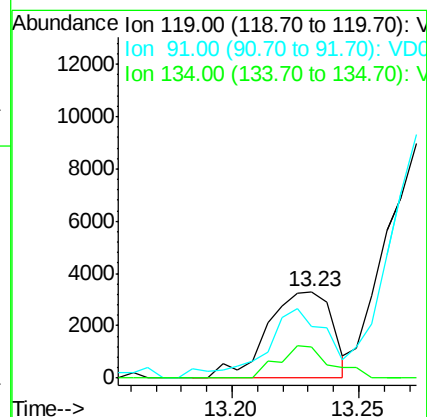
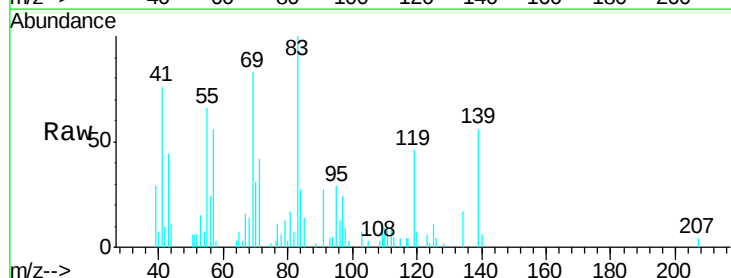
Instrument :
 MSVOA_D
 ClientSampled :
 TP-1RE

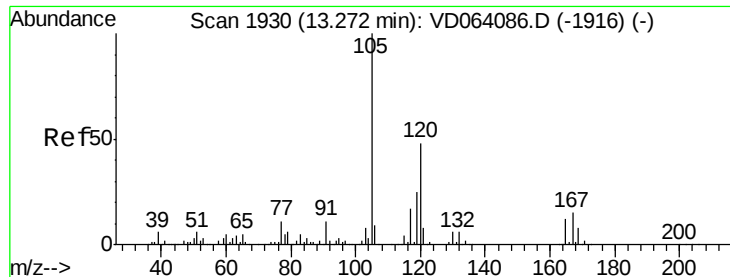
Tgt Ion:105 Resp: 121832
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.8 77.4



#83
 tert-Butylbenzene
 Concen: 1.556 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD064096.D
 Acq: 29 Oct 2019 18:42

Tgt Ion:119 Resp: 5875
 Ion Ratio Lower Upper
 119 100
 91 75.4 28.3 85.0
 134 30.4 12.9 38.6

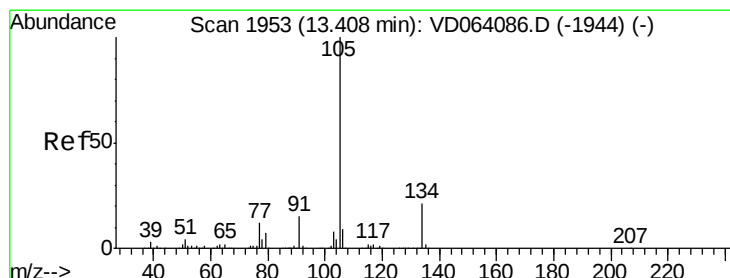
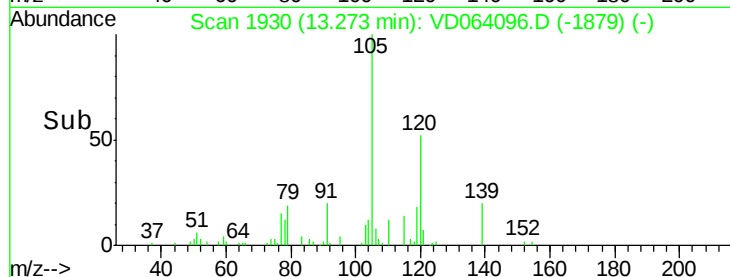
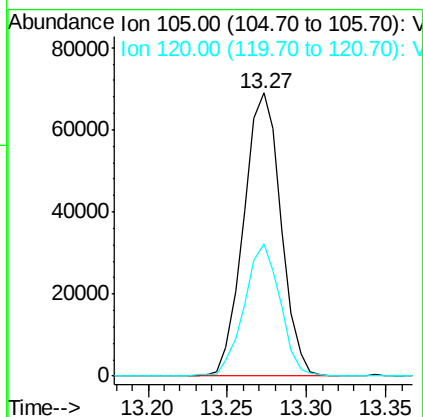
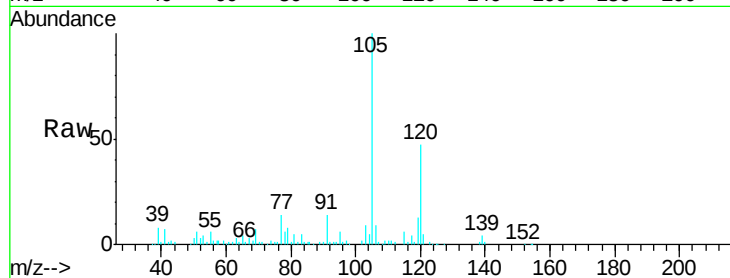




#84
1,2,4-Trimethylbenzene
Concen: 26.698 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD064096.D
Acq: 29 Oct 2019 18:42

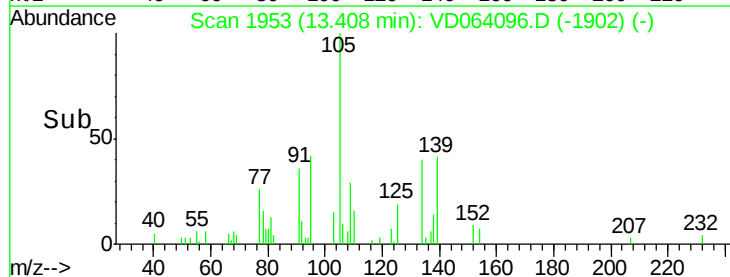
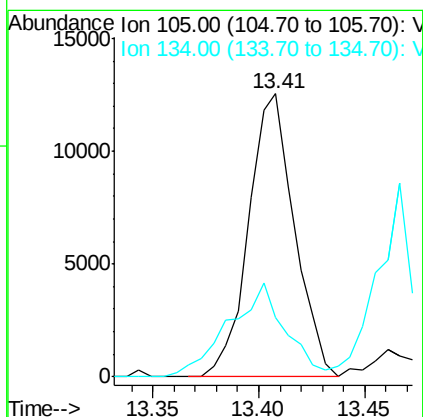
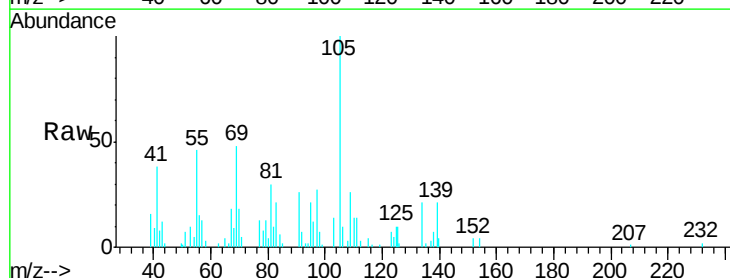
Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

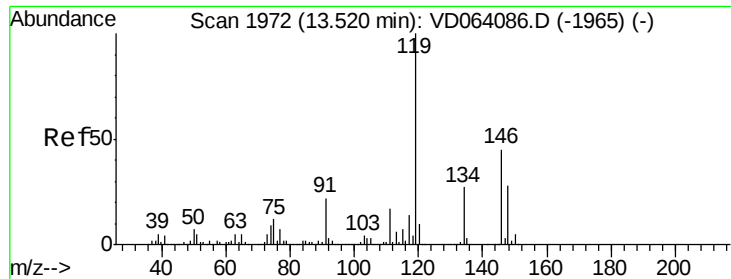
Tgt Ion:105 Resp: 112754
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.4



#85
sec-Butylbenzene
Concen: 3.650 ug/l
RT: 13.41 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VD064096.D
Acq: 29 Oct 2019 18:42

Tgt Ion:105 Resp: 18927
Ion Ratio Lower Upper
105 100
134 41.0 10.4 31.2#





#86
 p-Isopropyltoluene
 Concen: 6.223 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD064096.D
 Acq: 29 Oct 2019 18:42

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Tgt Ion:	119	Resp:	30320
Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.6	40.8
91	22.0	10.9	32.6

