

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066390.D
 Acq On : 24 Aug 2020 19:26
 Operator : VA/SY
 Sample : L3786-05
 Misc : 6.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 129

Quant Time: Aug 25 05:07:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

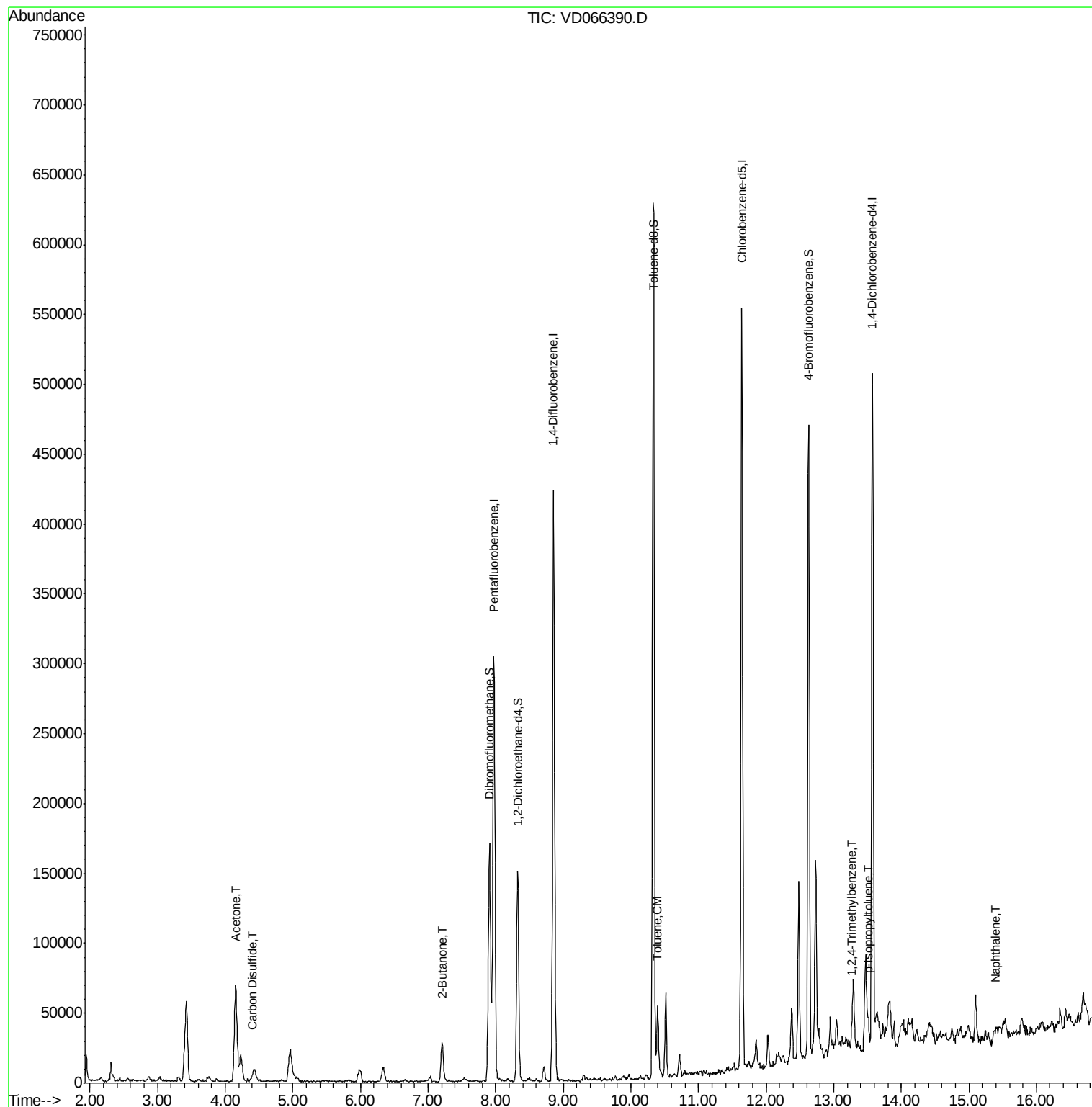
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	236440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	362594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	324377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	134606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	123979	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
35) Dibromofluoromethane	7.91	113	117888	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	10.33	98	420548	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.63	95	140108	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
Target Compounds						
16) Acetone	4.16	43	124272	297.368	ug/l	94
17) Carbon Disulfide	4.40	76	7225	1.237	ug/l #	72
25) 2-Butanone	7.21	43	42131	88.804	ug/l	94
52) Toluene	10.40	92	20885	3.542	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	7686	1.005	ug/l	97
86) p-Isopropyltoluene	13.51	119	11380	1.332	ug/l	88
95) Naphthalene	15.40	128	8982	1.992	ug/l #	87

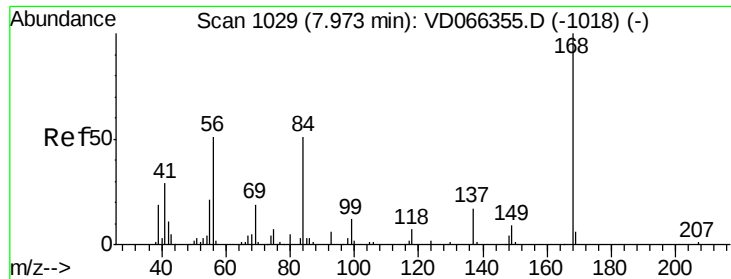
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 25 05:07:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066390.D

Acq: 24 Aug 2020 19:26

Instrument :

MSVOA_D

ClientSampleId :

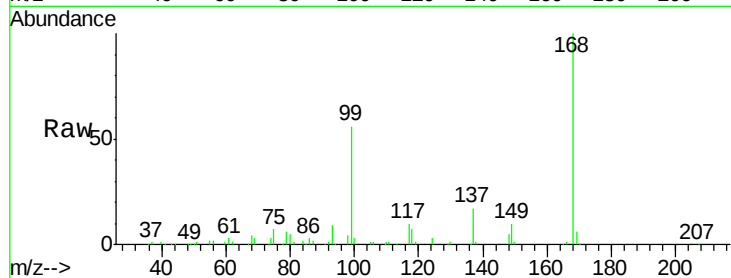
129

Tot Ion:168 Resp: 236440

Ion Ratio Lower Upper

168 100

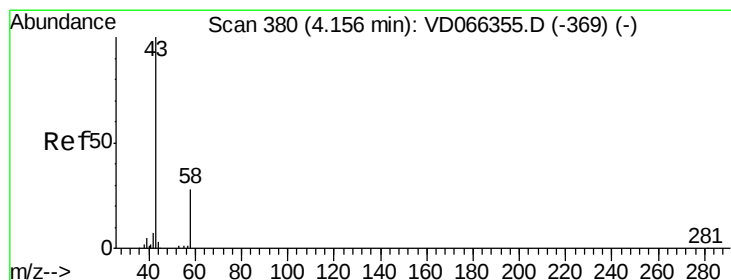
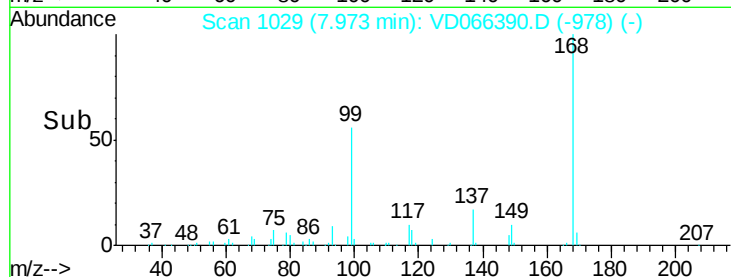
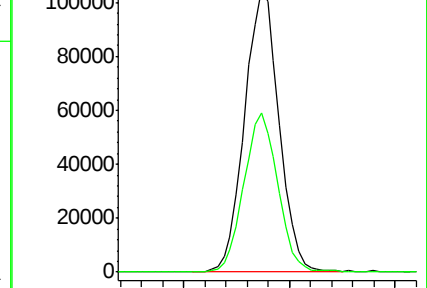
99 56.2 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97



#16

Acetone

Concen: 297.368 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066390.D

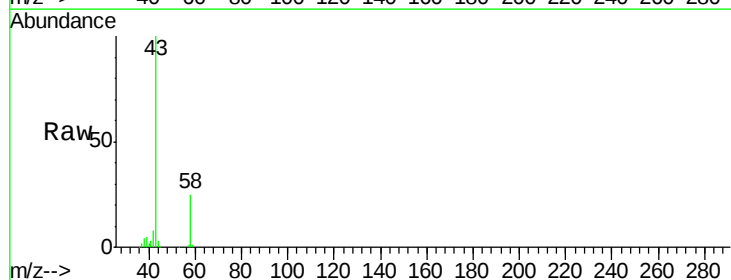
Acq: 24 Aug 2020 19:26

Tgt Ion: 43 Resp: 124272

Ion Ratio Lower Upper

43 100

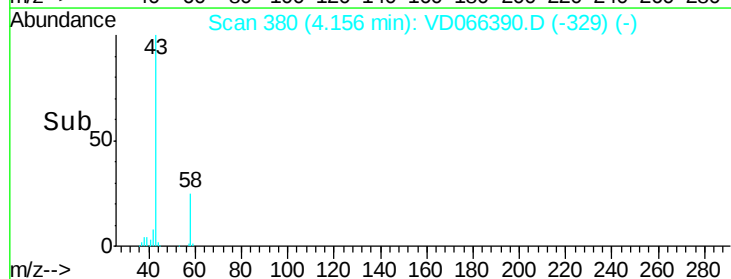
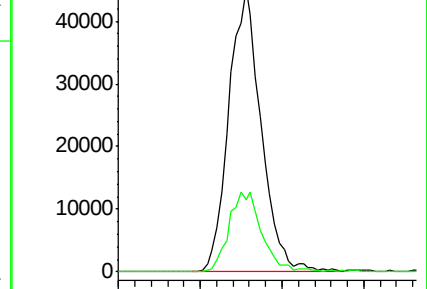
58 25.4 22.7 34.1

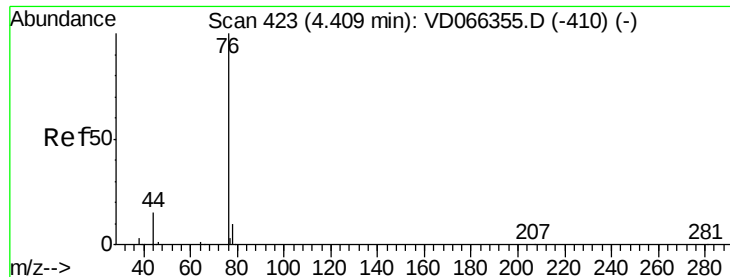


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16





#17

Carbon Disulfide

Concen: 1.237 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD066390.D

Acq: 24 Aug 2020 19:26

Instrument :

MSVOA_D

ClientSampled :

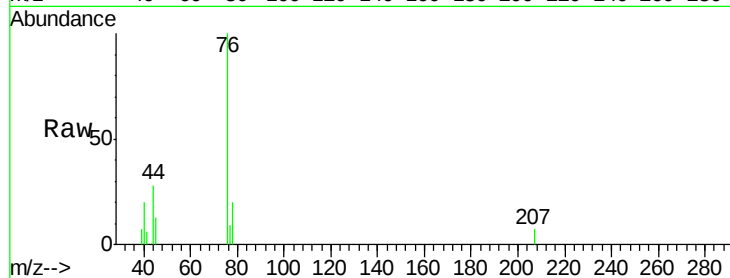
129

Tot Ion: 76 Resp: 7225

Ion Ratio Lower Upper

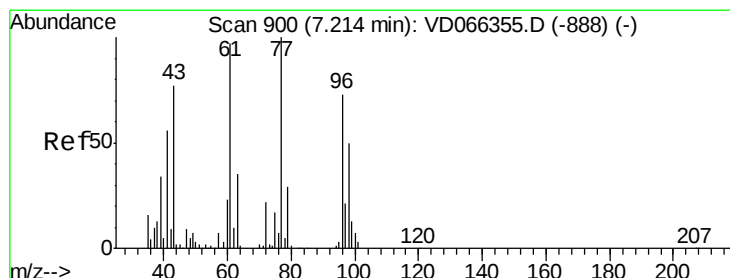
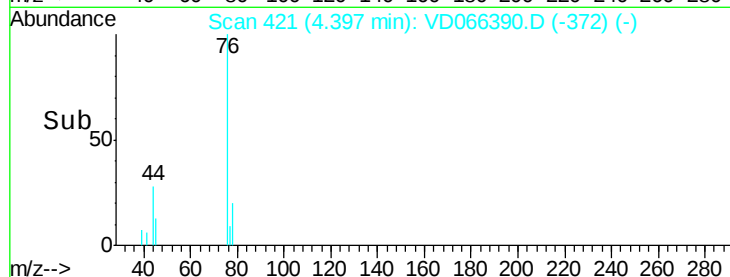
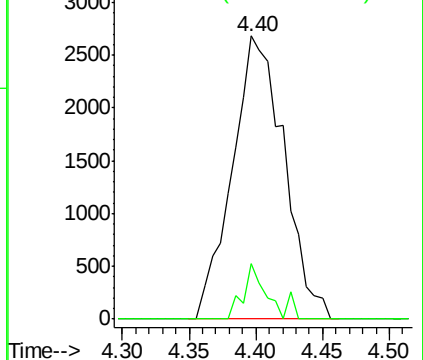
76 100

78 19.8 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#25

2-Butanone

Concen: 88.804 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066390.D

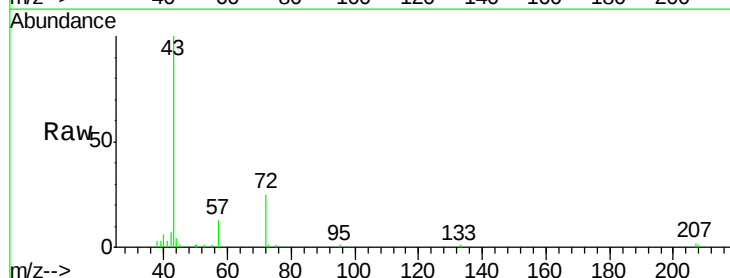
Acq: 24 Aug 2020 19:26

Tgt Ion: 43 Resp: 42131

Ion Ratio Lower Upper

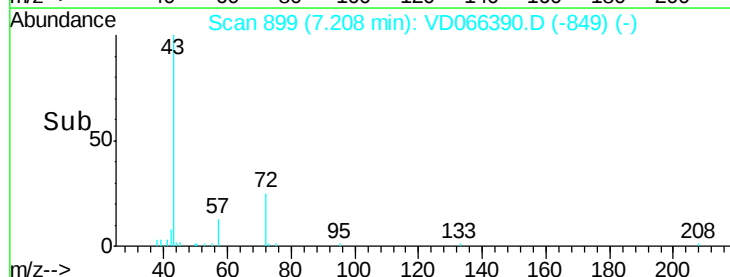
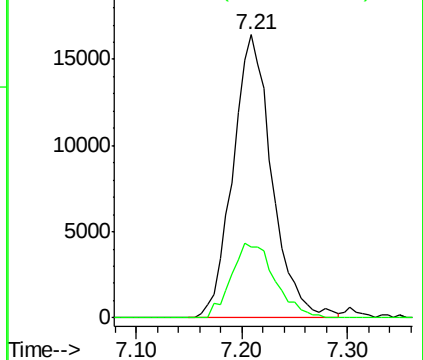
43 100

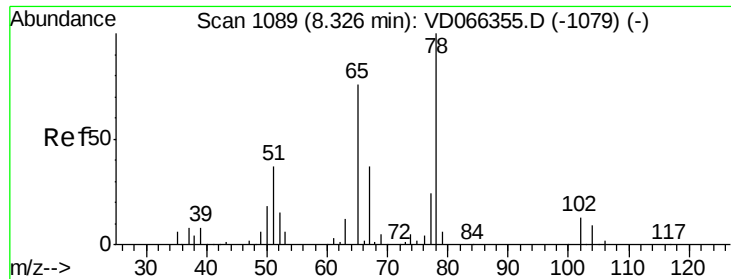
72 25.0 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

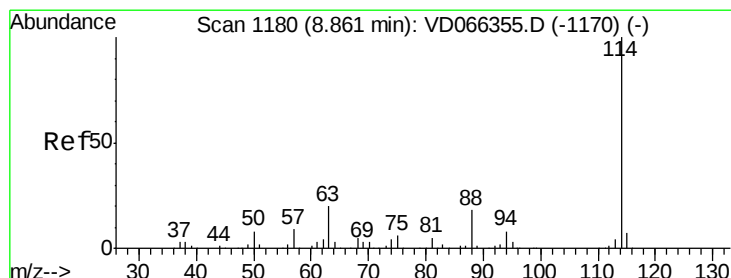
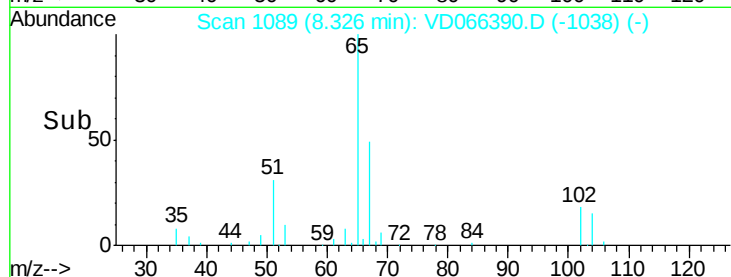
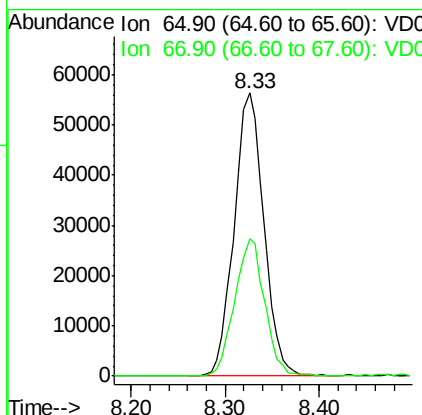
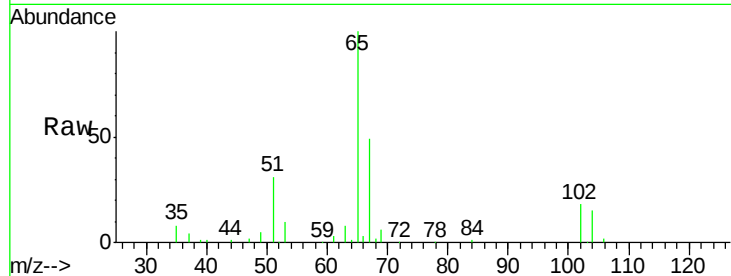




#33
 1,2-Dichloroethane-d4
 Concen: 53.484 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066390.D
 Acq: 24 Aug 2020 19:26

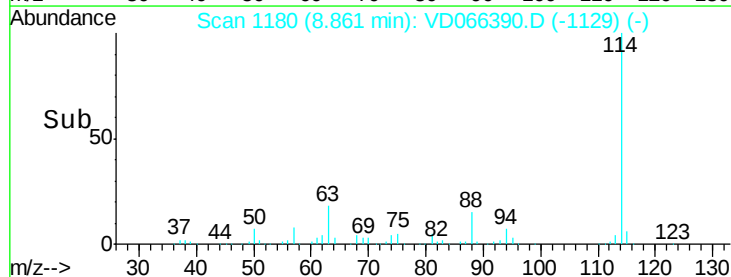
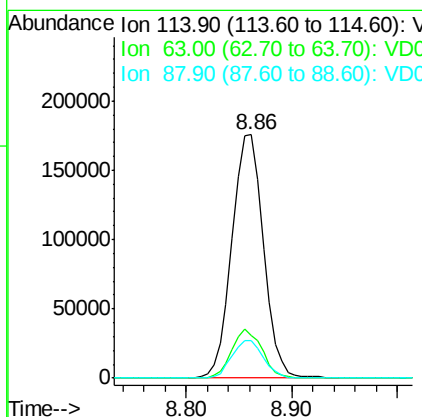
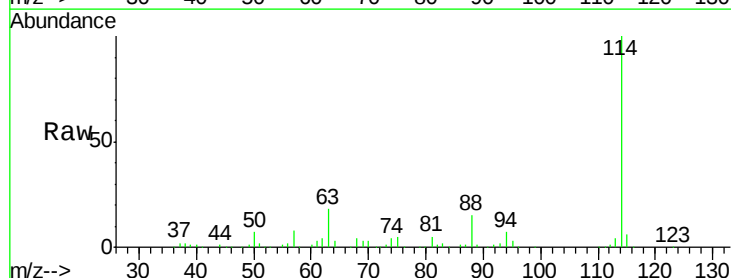
Instrument :
 MSVOA_D
 ClientSampleId :
 129

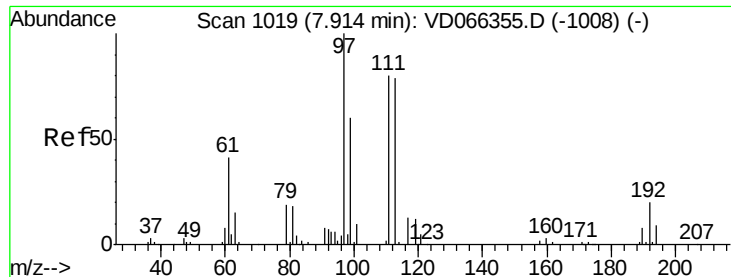
Tot Ion: 65 Resp: 123979
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066390.D
 Acq: 24 Aug 2020 19:26

Tgt Ion: 114 Resp: 362594
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 40.8
 88 15.2 0.0 35.4

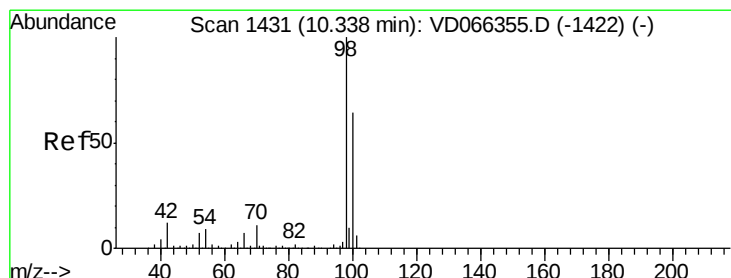
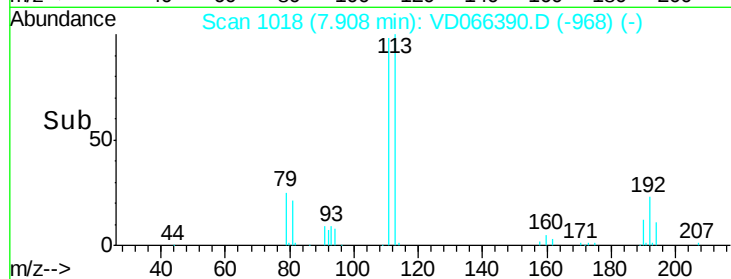
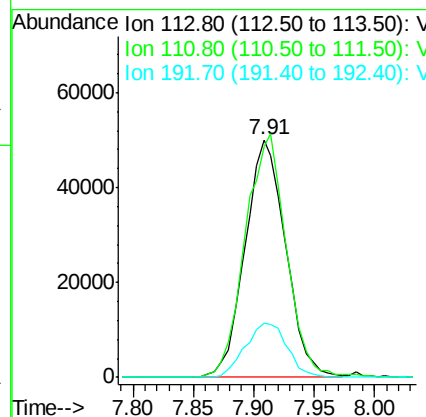
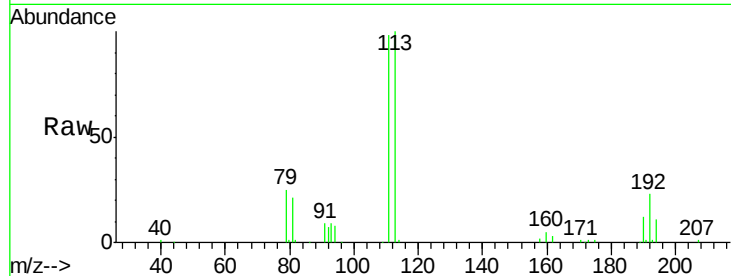




#35
Dibromofluoromethane
Concen: 51.994 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066390.D
Acq: 24 Aug 2020 19:26

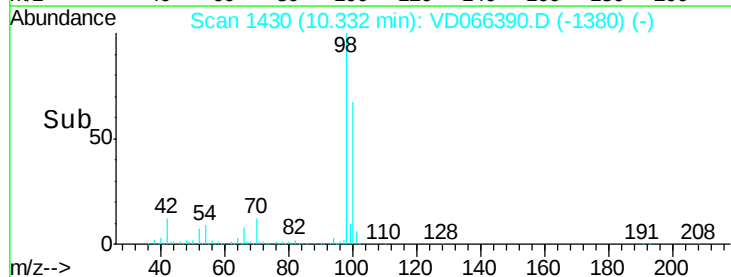
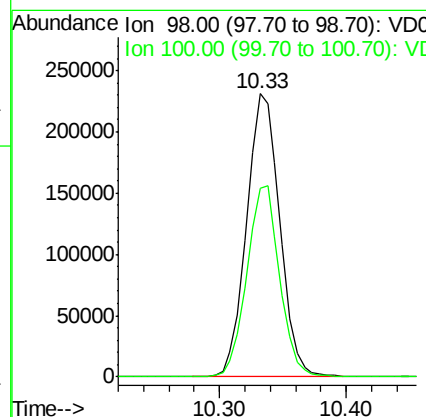
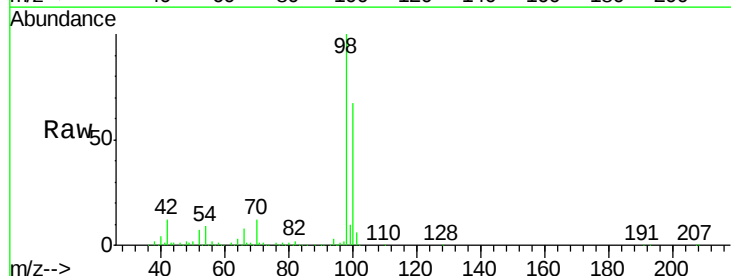
Instrument :
MSVOA_D
ClientSampleId :
129

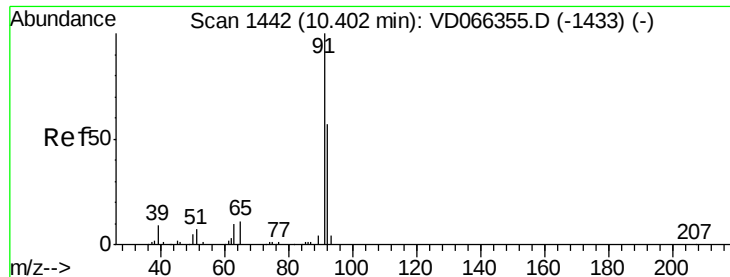
Tot Ion:113 Resp: 117888
Ion Ratio Lower Upper
113 100
111 103.8 80.3 120.5
192 23.4 19.0 28.6



#50
Toluene-d8
Concen: 50.694 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066390.D
Acq: 24 Aug 2020 19:26

Tgt Ion: 98 Resp: 420548
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4





#52

Toluene

Concen: 3.542 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066390.D

Acq: 24 Aug 2020 19:26

Instrument :

MSVOA_D

ClientSampleId :

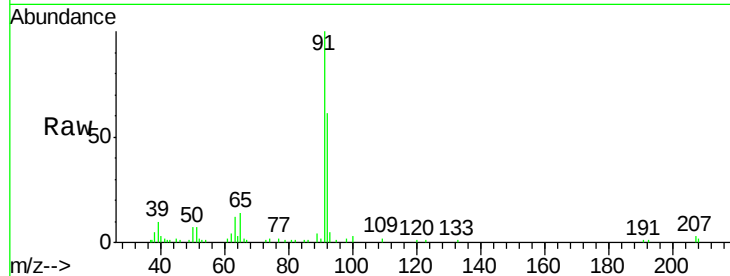
129

Tot Ion: 92 Resp: 20885

Ion Ratio Lower Upper

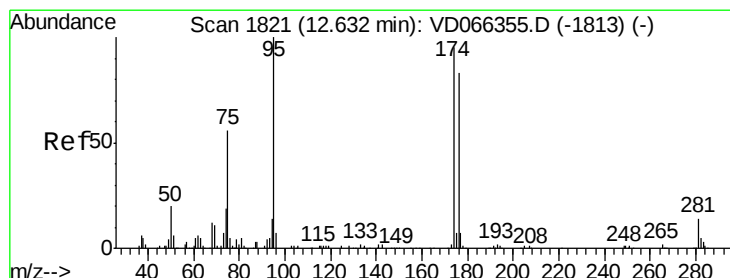
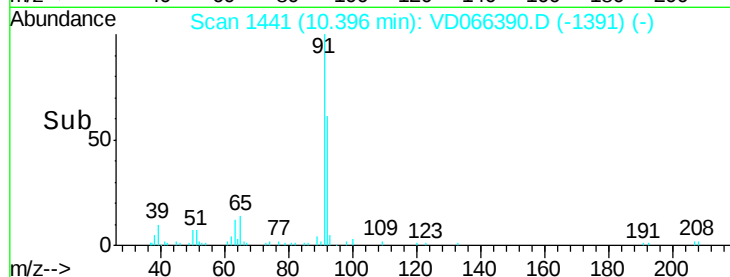
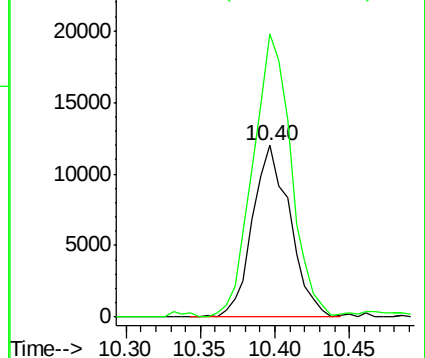
92 100

91 167.6 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 47.595 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066390.D

Acq: 24 Aug 2020 19:26

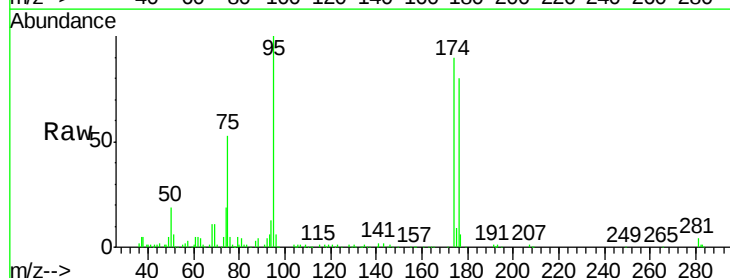
Tgt Ion: 95 Resp: 140108

Ion Ratio Lower Upper

95 100

174 92.9 0.0 183.4

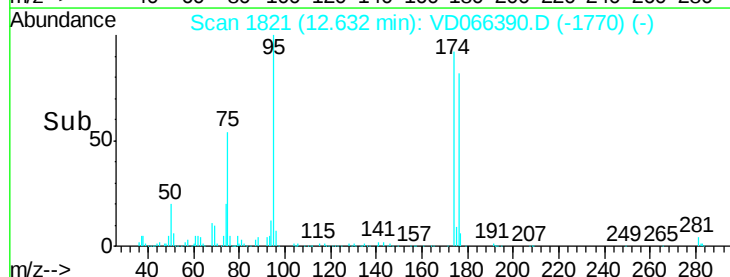
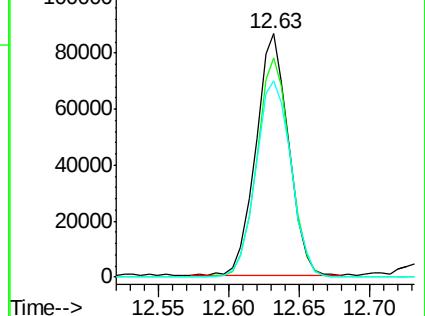
176 87.4 0.0 173.8

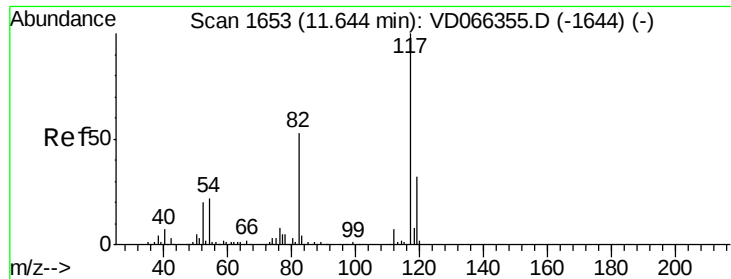


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

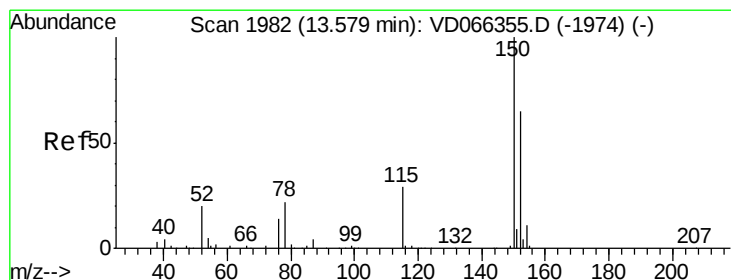
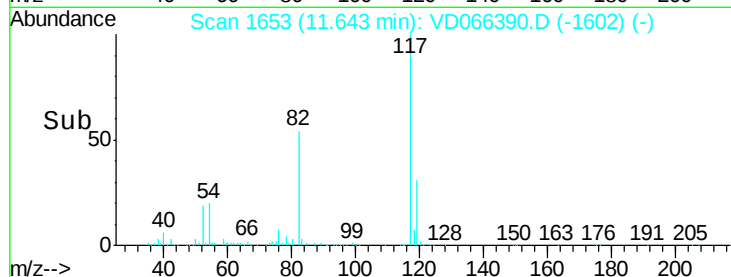
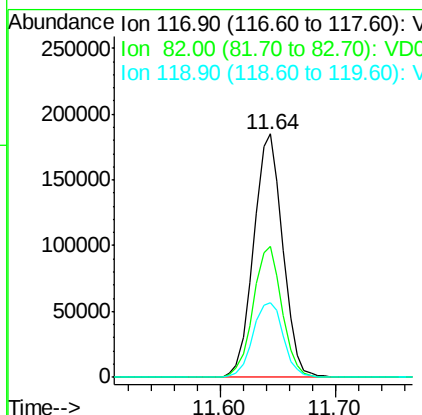
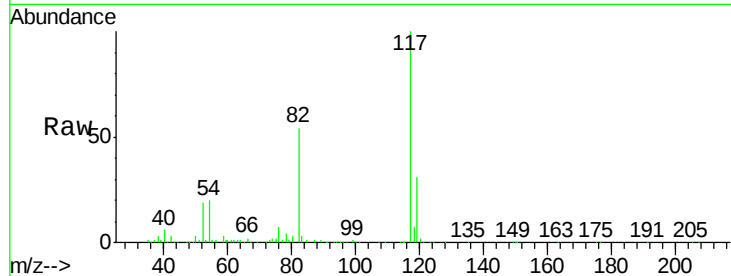




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066390.D
Acq: 24 Aug 2020 19:26

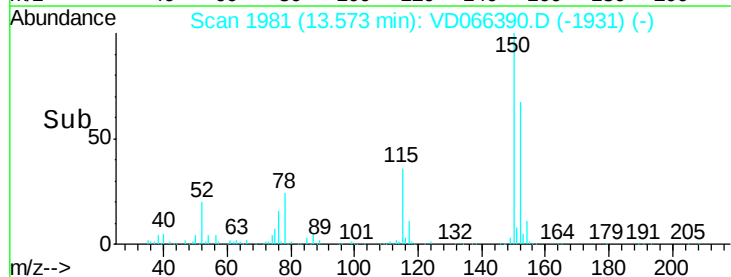
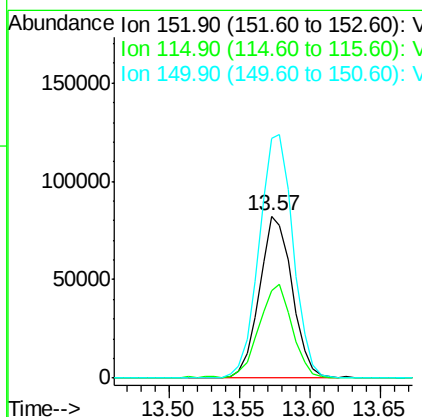
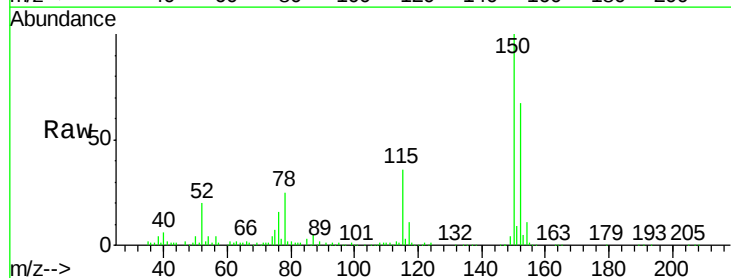
Instrument :
MSVOA_D
ClientSampled :
129

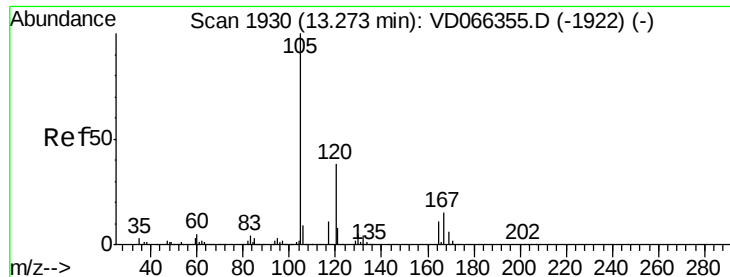
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.8	64.2
119	30.6	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD066390.D
Acq: 24 Aug 2020 19:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.3	85.0
150	156.1	0.0	343.2

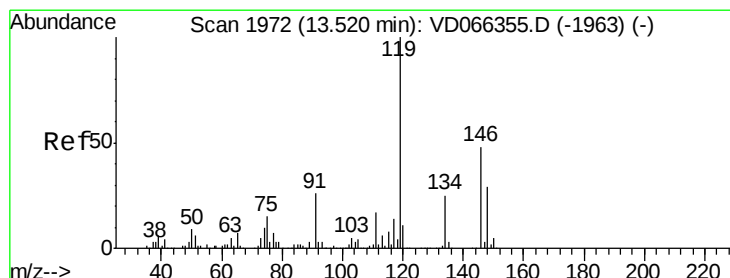
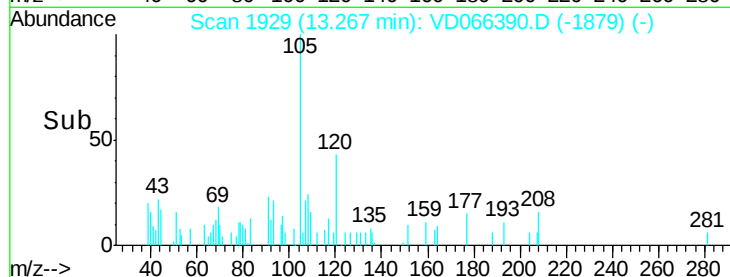
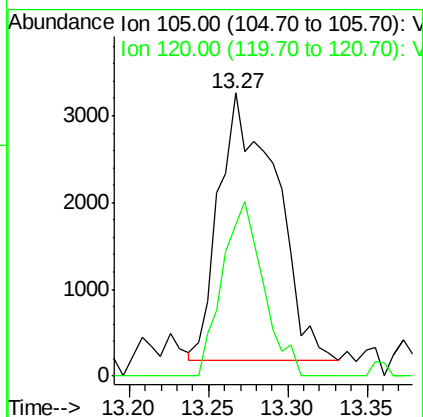
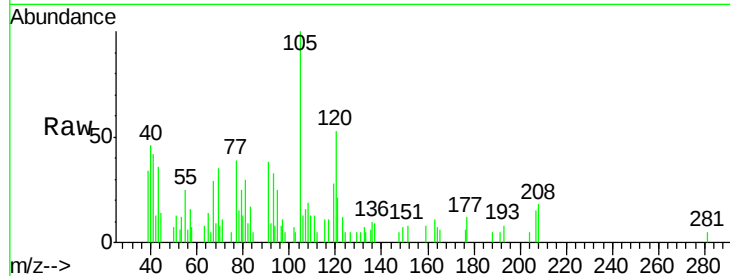




#84
 1,2,4-Trimethylbenzene
 Concen: 1.005 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066390.D
 Acq: 24 Aug 2020 19:26

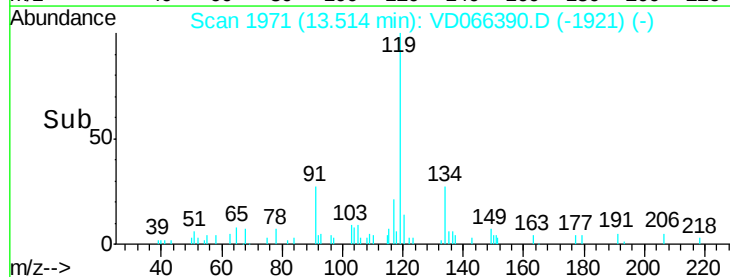
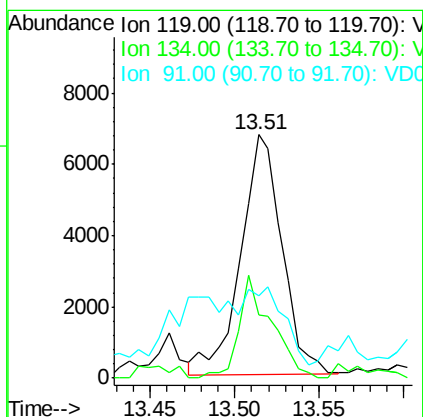
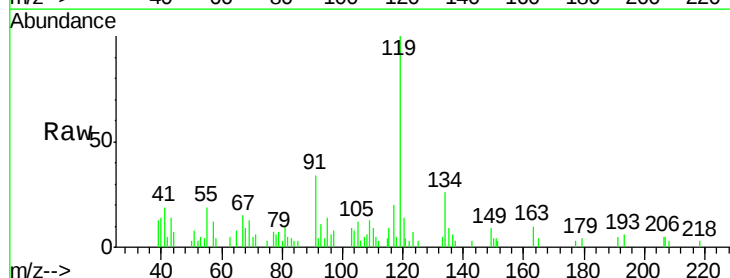
Instrument :
 MSVOA_D
 ClientSampleId :
 129

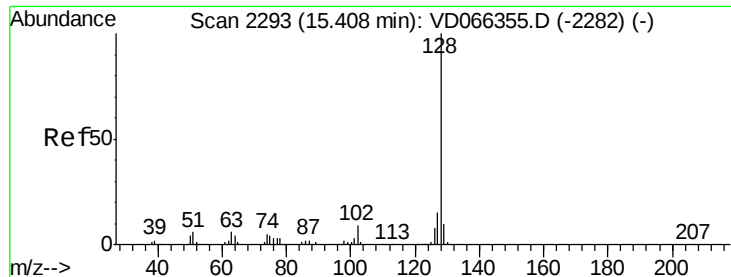
Tot Ion:105 Resp: 7686
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.6 67.7



#86
 p-Isopropyltoluene
 Concen: 1.332 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066390.D
 Acq: 24 Aug 2020 19:26

Tgt Ion:119 Resp: 11380
 Ion Ratio Lower Upper
 119 100
 134 33.8 12.8 38.3
 91 29.5 12.7 38.0

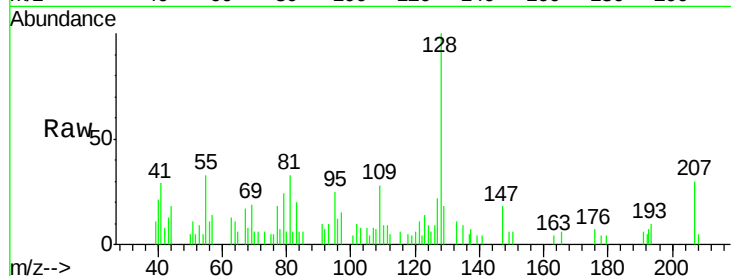




#95
Naphthalene
Concen: 1.992 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066390.D
Acq: 24 Aug 2020 19:26

Instrument :
MSVOA_D
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
127	16.0	10.7	16.1
129	18.7	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

