

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092320\
 Data File : VD066828.D
 Acq On : 23 Sep 2020 12:16
 Operator : VA/SY
 Sample : L3870-11
 Misc : 8.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-092220

Quant Time: Sep 23 16:03:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	385502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	710273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	677259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245400	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	220033	58.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.64%	
35) Dibromofluoromethane	7.91	113	228577	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
50) Toluene-d8	10.34	98	854959	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.06%	
62) 4-Bromofluorobenzene	12.63	95	274813	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	

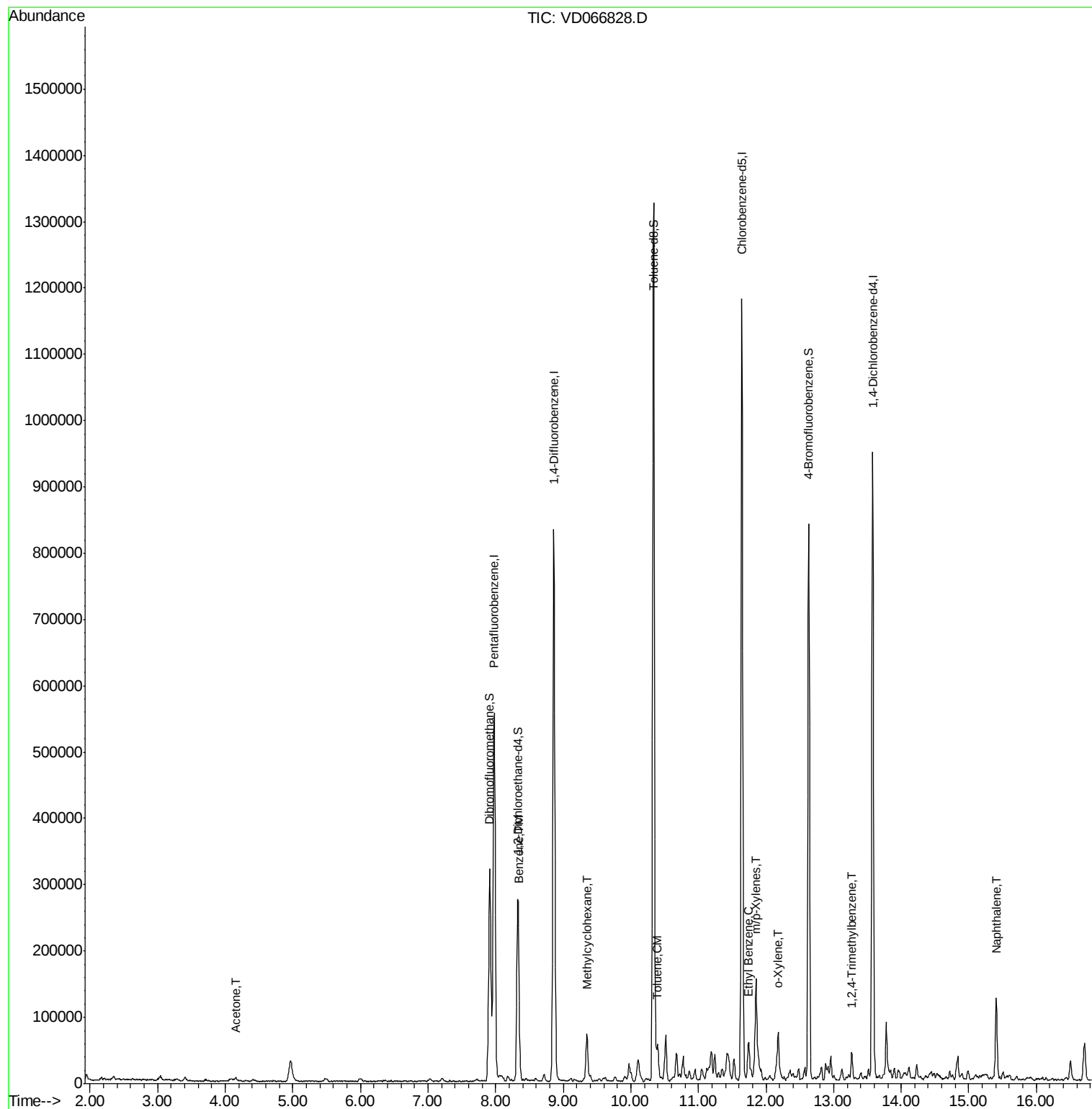
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	7192	8.985	ug/l #	86
39) Methylcyclohexane	9.35	83	25533	3.156	ug/l	98
40) Benzene	8.34	78	20545	1.046	ug/l #	90
52) Toluene	10.40	92	19470	1.539	ug/l	95
67) Ethyl Benzene	11.74	91	31768	1.283	ug/l	94
68) m/p-Xylenes	11.85	106	35480	3.785	ug/l	92
69) o-Xylene	12.18	106	16385	1.933	ug/l	86
84) 1,2,4-Trimethylbenzene	13.27	105	21033	1.410	ug/l	93
95) Naphthalene	15.41	128	107385	14.337	ug/l	99

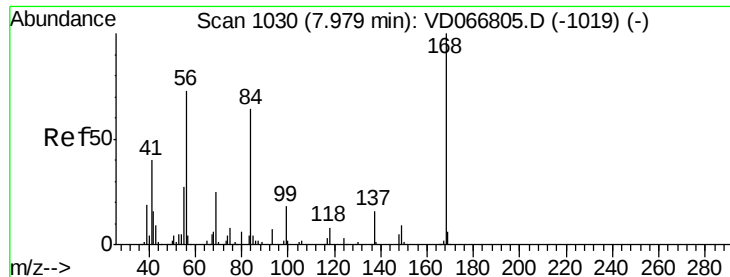
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092320\
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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066828.D

Acq: 23 Sep 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

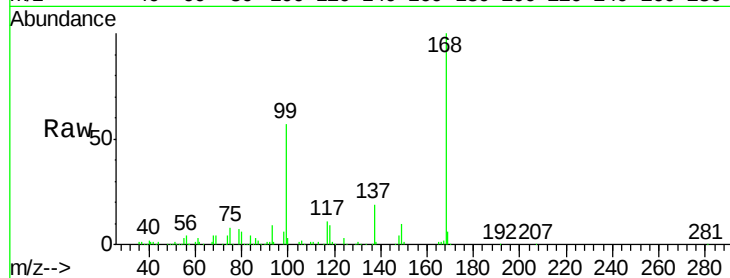
SU-02-092220

Tot Ion:168 Resp: 385502

Ion Ratio Lower Upper

168 100

99 56.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

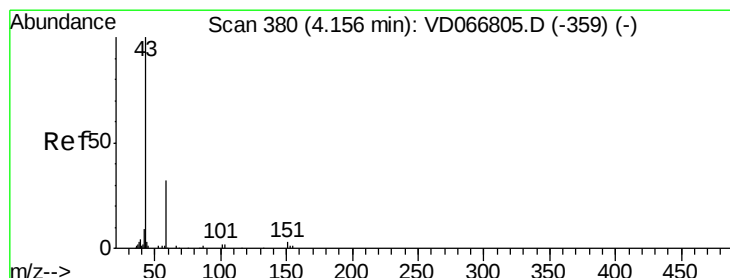
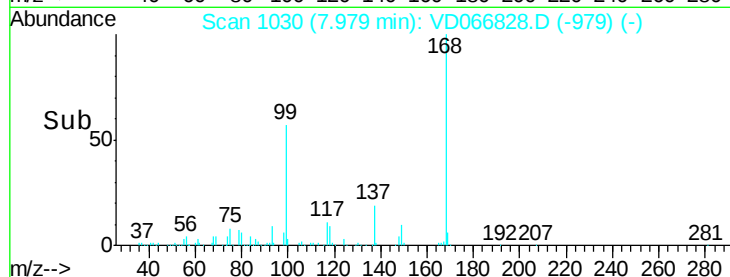
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.985 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066828.D

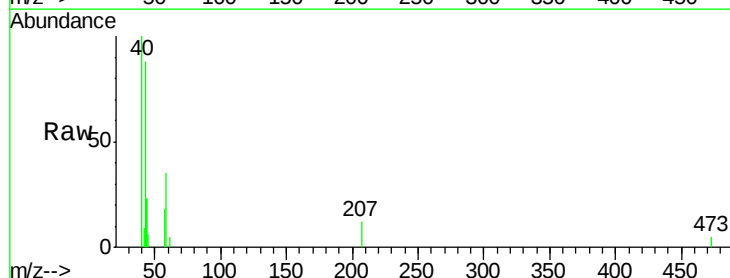
Acq: 23 Sep 2020 12:16

Tgt Ion: 43 Resp: 7192

Ion Ratio Lower Upper

43 100

58 39.8 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

3000

2500

2000

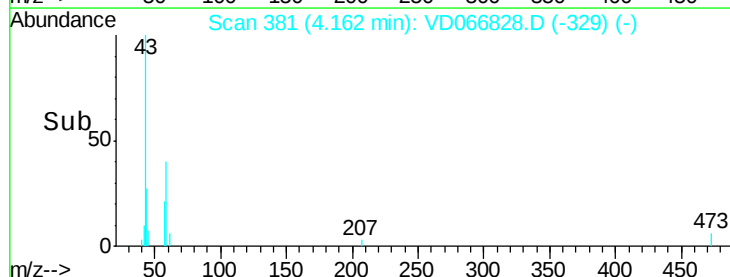
1500

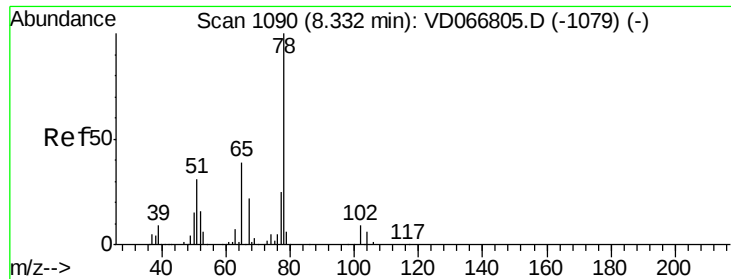
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.316 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066828.D

Acq: 23 Sep 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

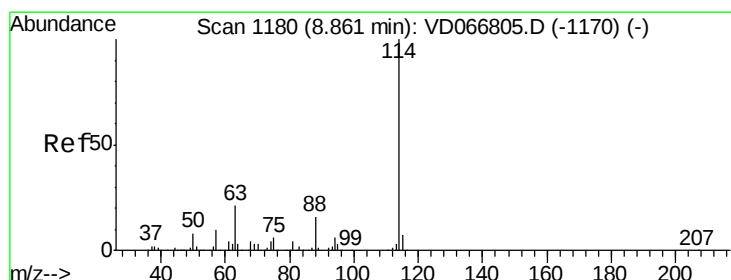
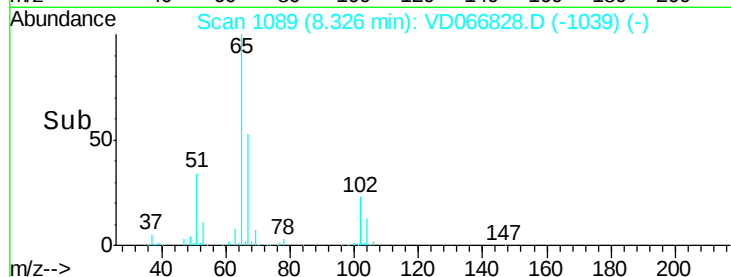
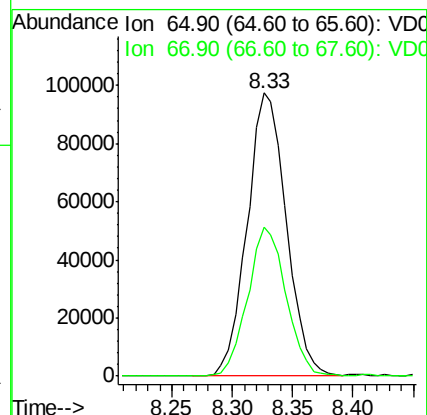
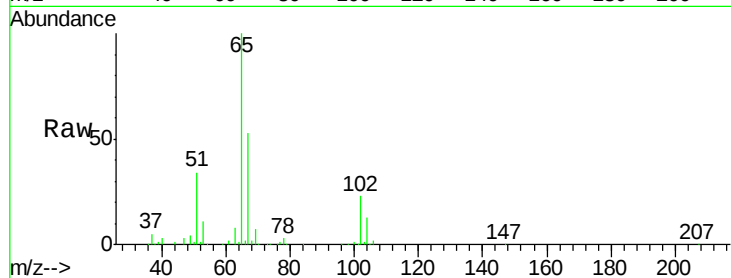
SU-02-092220

Tot Ion: 65 Resp: 220033

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066828.D

Acq: 23 Sep 2020 12:16

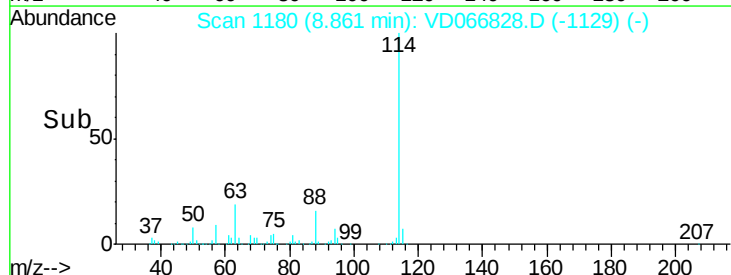
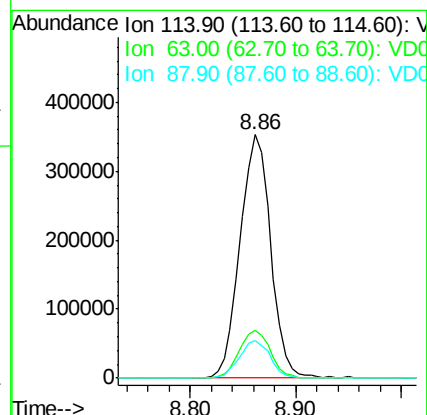
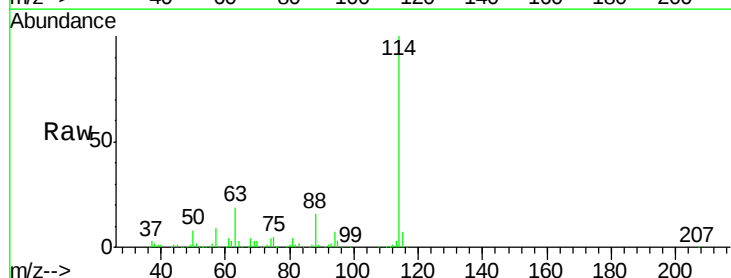
Tgt Ion: 114 Resp: 710273

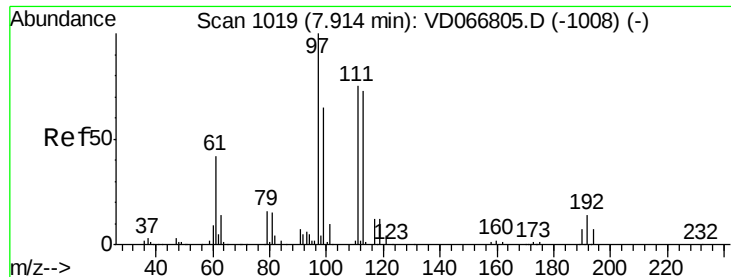
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

88 15.7 0.0 32.6

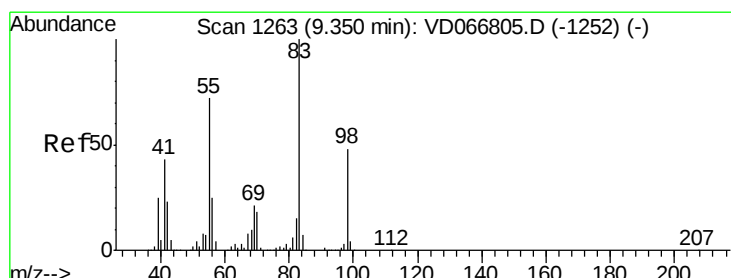
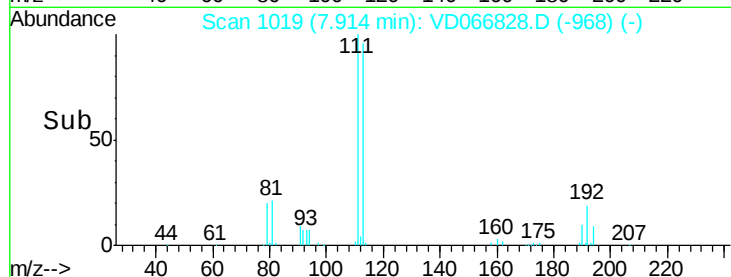
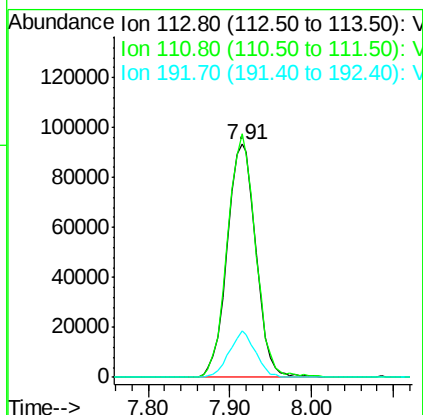
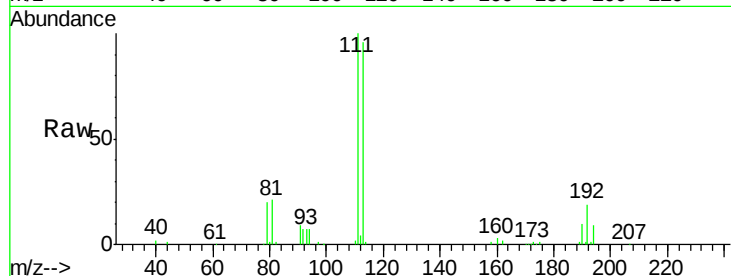




#35
Dibromofluoromethane
Concen: 50.584 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD066828.D
Acq: 23 Sep 2020 12:16

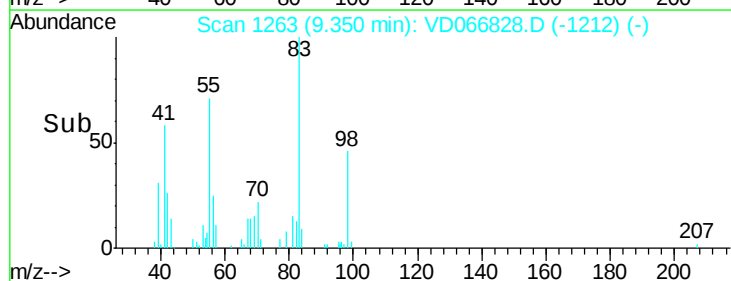
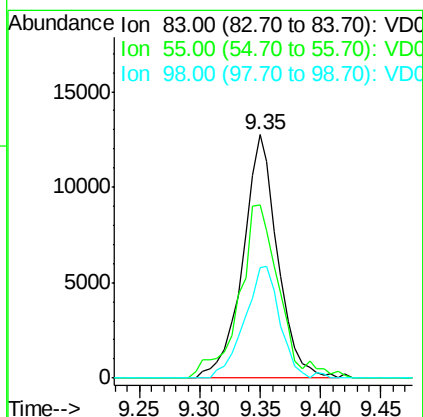
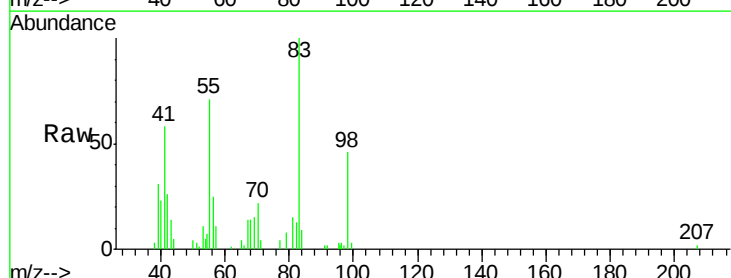
Instrument :
MSVOA_D
ClientSampleId :
SU-02-092220

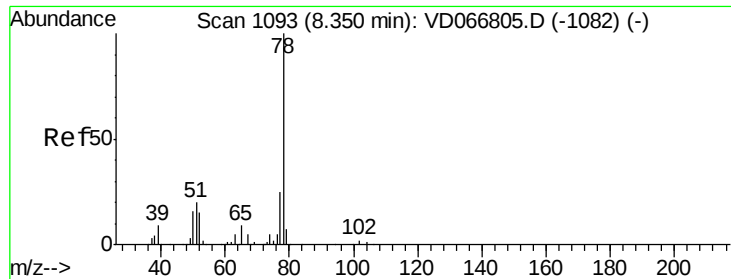
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	18.3	14.4	21.6



#39
Methylcyclohexane
Concen: 3.156 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066828.D
Acq: 23 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.0	57.7	86.5
98	45.6	38.4	57.6





#40

Benzene

Concen: 1.046 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VD066828.D

Acq: 23 Sep 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

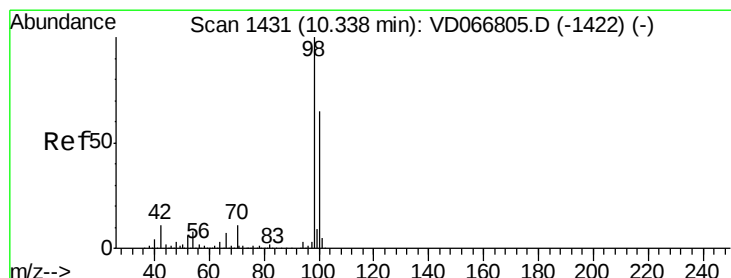
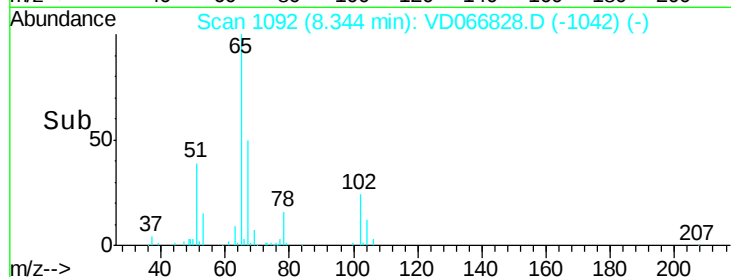
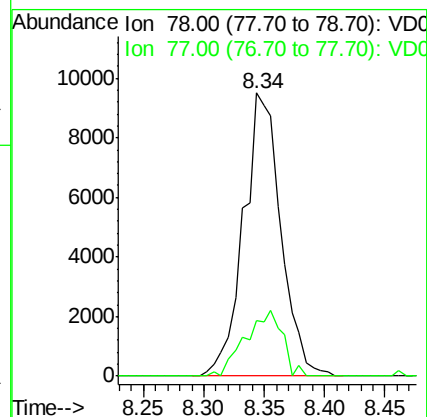
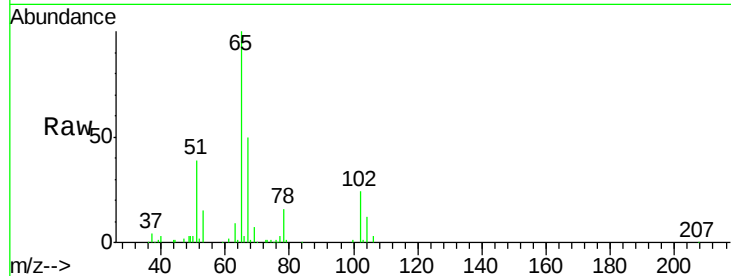
SU-02-092220

Tot Ion: 78 Resp: 20545

Ion Ratio Lower Upper

78 100

77 19.7 19.9 29.9#



#50

Toluene-d8

Concen: 55.531 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066828.D

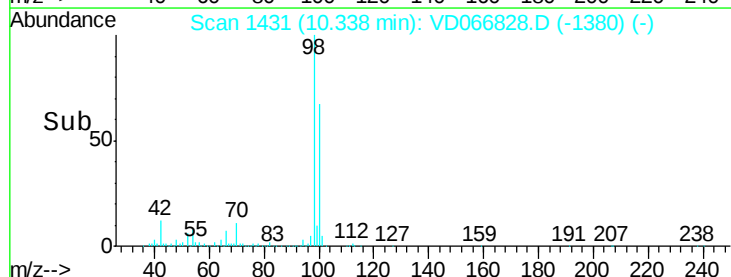
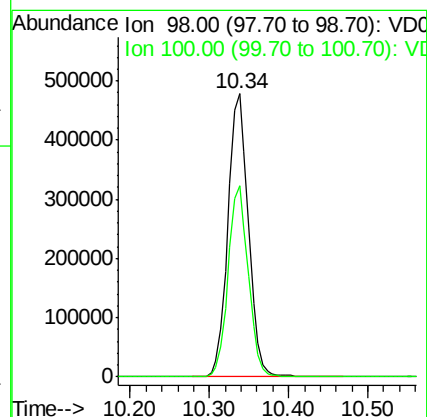
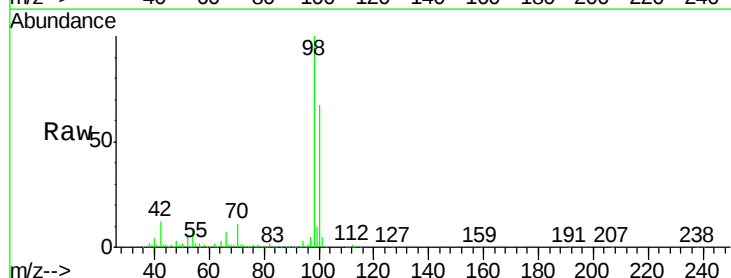
Acq: 23 Sep 2020 12:16

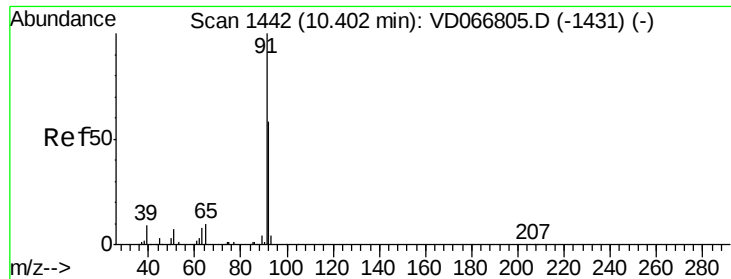
Tgt Ion: 98 Resp: 854959

Ion Ratio Lower Upper

98 100

100 66.6 52.2 78.2





#52

Toluene

Concen: 1.539 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066828.D

Acq: 23 Sep 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

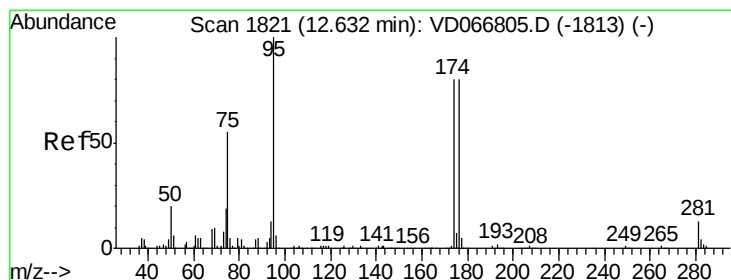
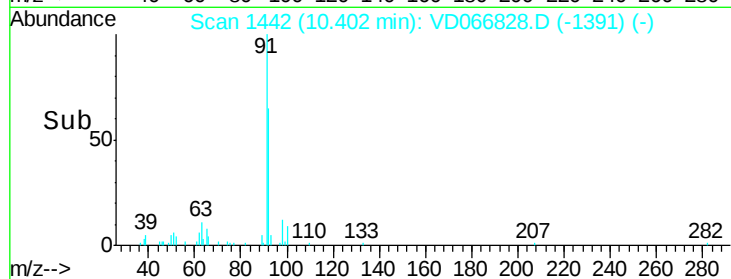
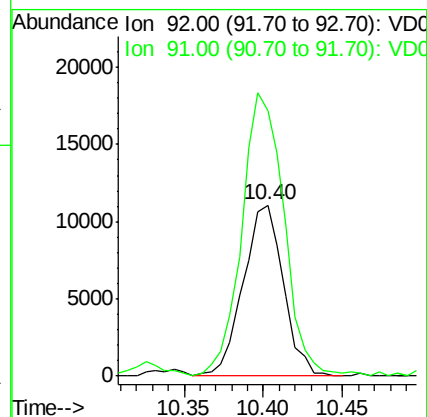
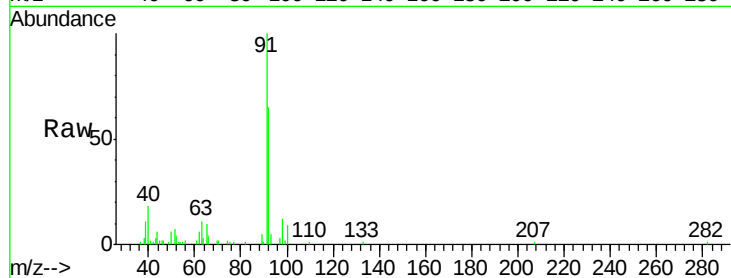
SU-02-092220

Tot Ion: 92 Resp: 19470

Ion Ratio Lower Upper

92 100

91 175.0 134.6 202.0



#62

4-Bromofluorobenzene

Concen: 52.140 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066828.D

Acq: 23 Sep 2020 12:16

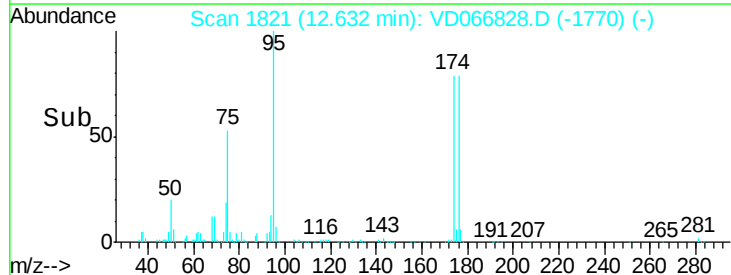
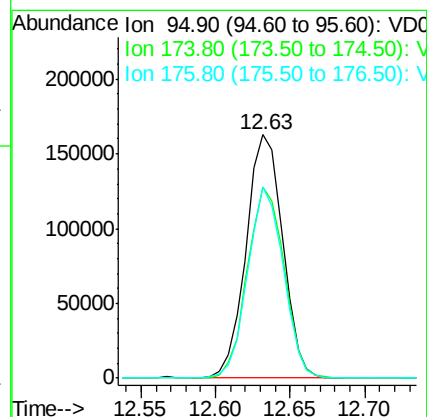
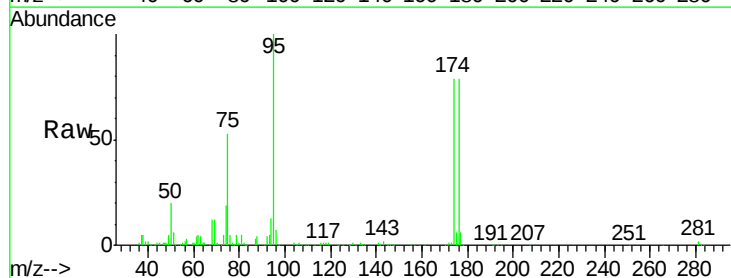
Tgt Ion: 95 Resp: 274813

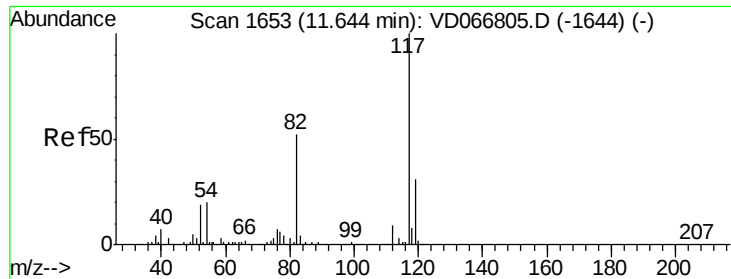
Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.8

176 76.5 0.0 154.4

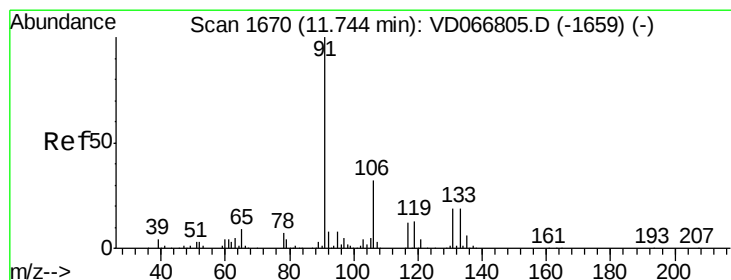
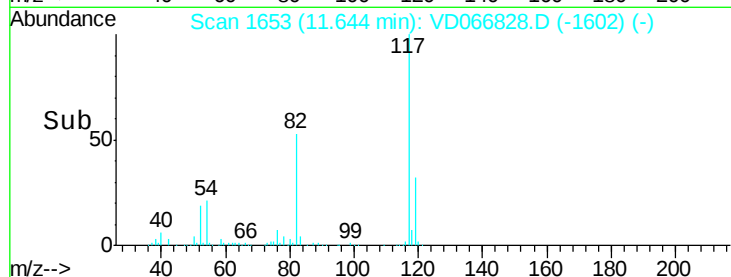
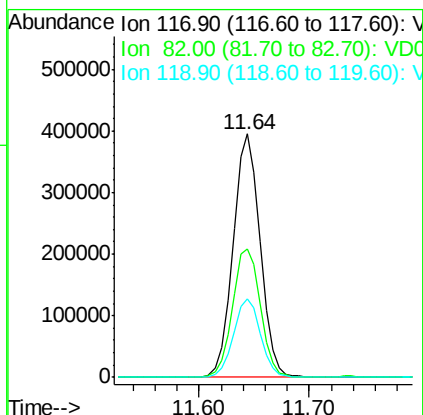
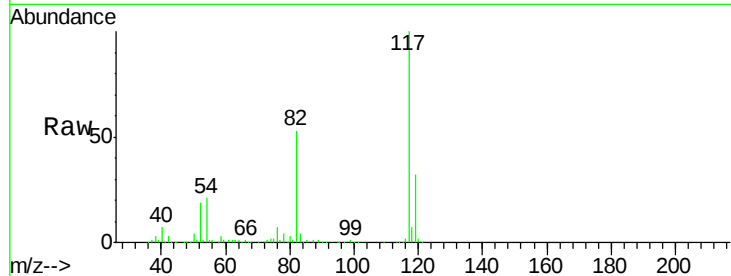




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066828.D
Acq: 23 Sep 2020 12:16

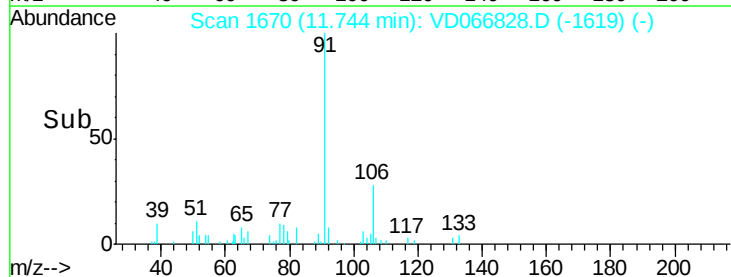
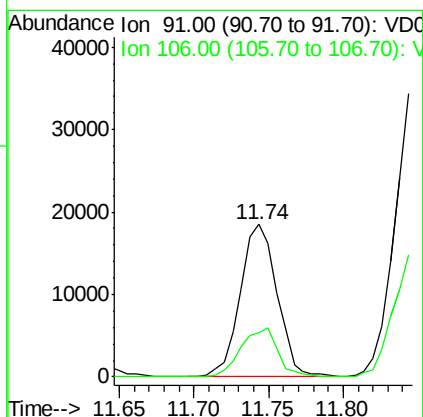
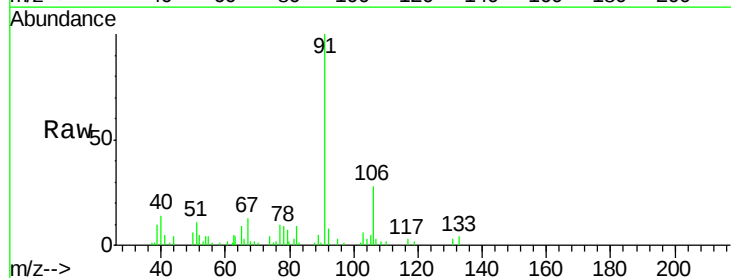
Instrument :
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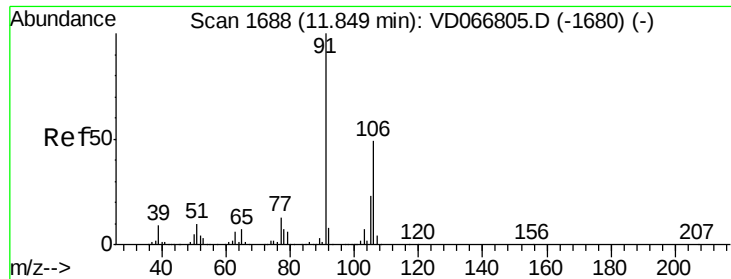
Tot Ion:117 Resp: 677259
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.6
119 32.2 24.6 37.0



#67
Ethyl Benzene
Concen: 1.283 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066828.D
Acq: 23 Sep 2020 12:16

Tgt Ion: 91 Resp: 31768
Ion Ratio Lower Upper
91 100
106 28.5 25.6 38.4

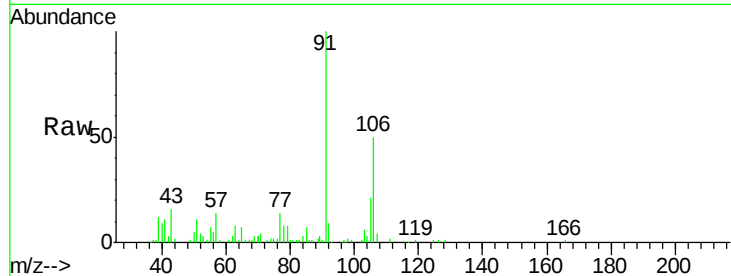




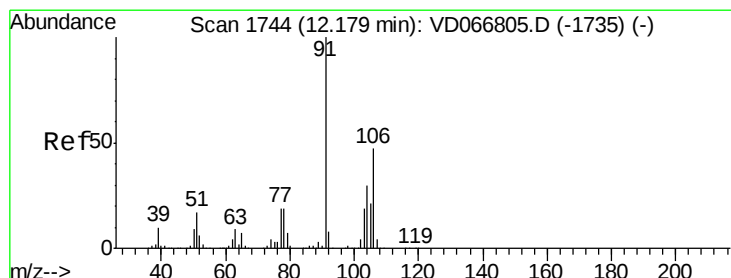
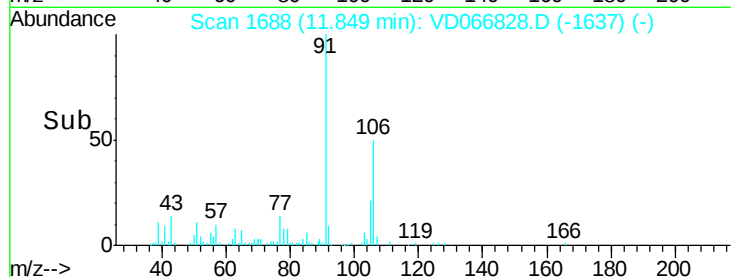
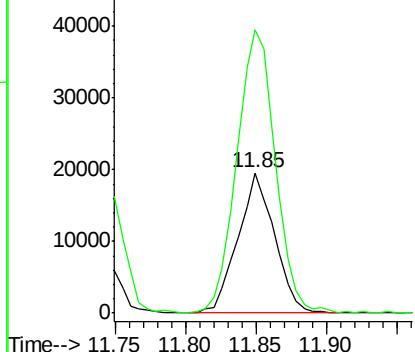
#68
m/p-Xylenes
Concen: 3.785 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066828.D
Acq: 23 Sep 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
SU-02-092220

Tot Ion:106 Resp: 35480
Ion Ratio Lower Upper
106 100
91 212.9 160.7 241.1

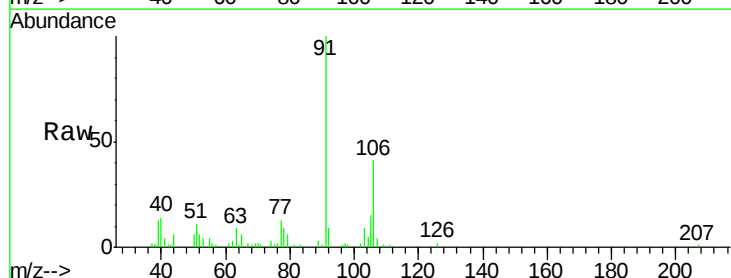


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

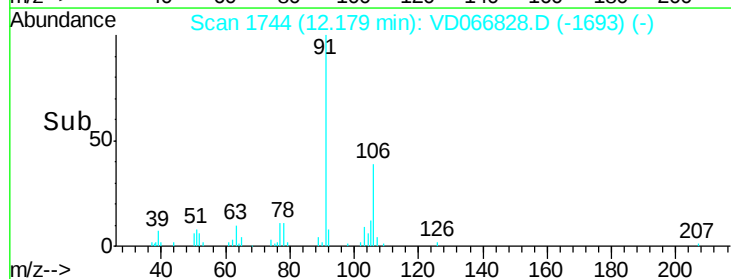
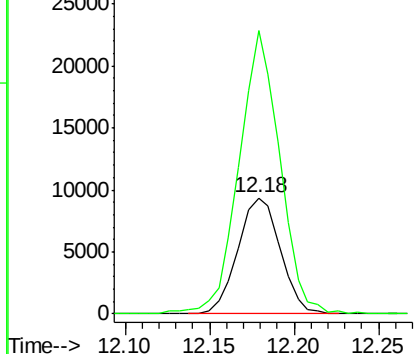


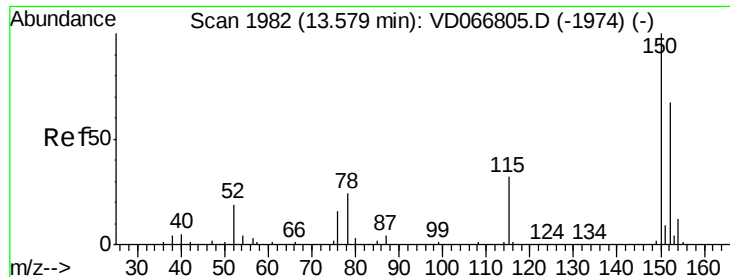
#69
o-Xylene
Concen: 1.933 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066828.D
Acq: 23 Sep 2020 12:16

Tgt Ion:106 Resp: 16385
Ion Ratio Lower Upper
106 100
91 234.2 106.3 318.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066828.D

Acq: 23 Sep 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

SU-02-092220

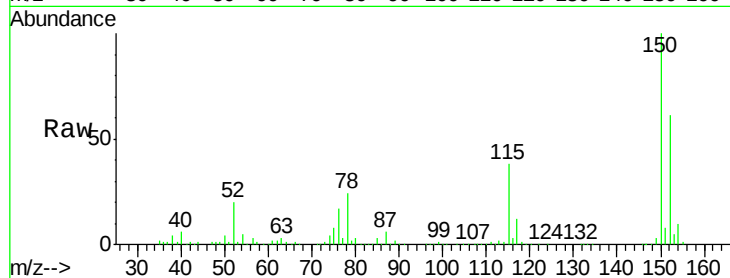
Tot Ion:152 Resp: 245400

Ion Ratio Lower Upper

152 100

115 61.5 30.3 91.0

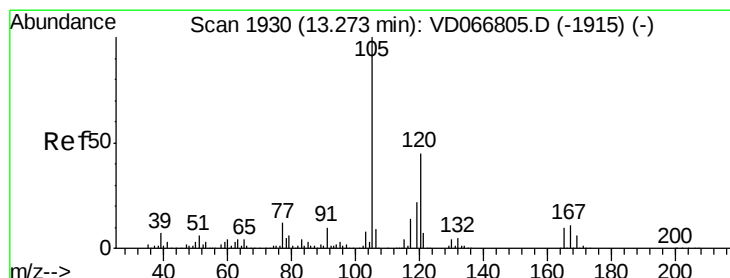
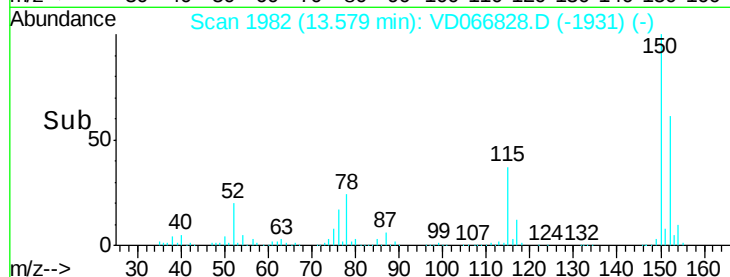
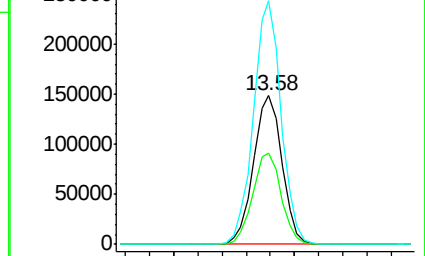
150 158.3 0.0 346.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.410 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066828.D

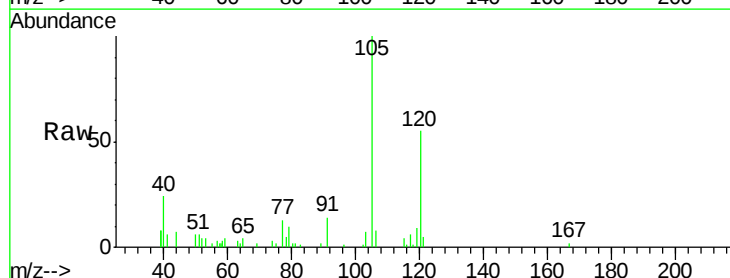
Acq: 23 Sep 2020 12:16

Tgt Ion:105 Resp: 21033

Ion Ratio Lower Upper

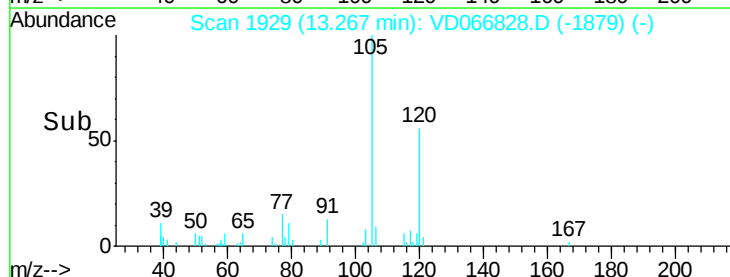
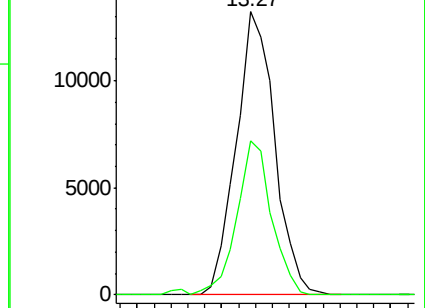
105 100

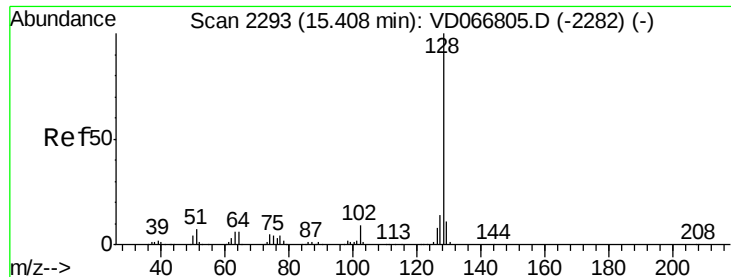
120 48.9 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

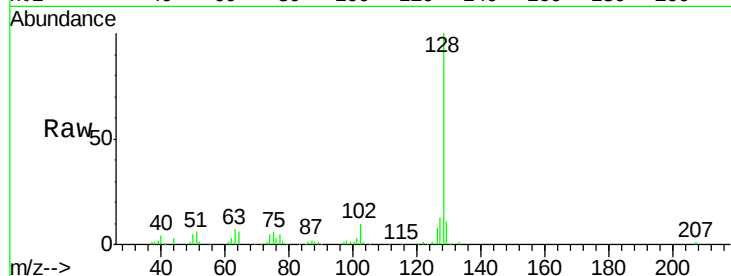




#95
 Naphthalene
 Concen: 14.337 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: VD066828.D
 Acq: 23 Sep 2020 12:16

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-092220

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	11.2	8.9	13.3



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

