

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066724.D
 Acq On : 16 Sep 2020 17:21
 Operator : VA/SY
 Sample : L3868-01
 Misc : 4.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-091520

Quant Time: Sep 17 00:52:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-7.98
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-8.86
63) Chlorobenzene-d5	11.64	117	53	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	
50) Toluene-d8	10.39	98	101	0.00	ug/l	0.05
Spiked Amount				50.000		
			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	

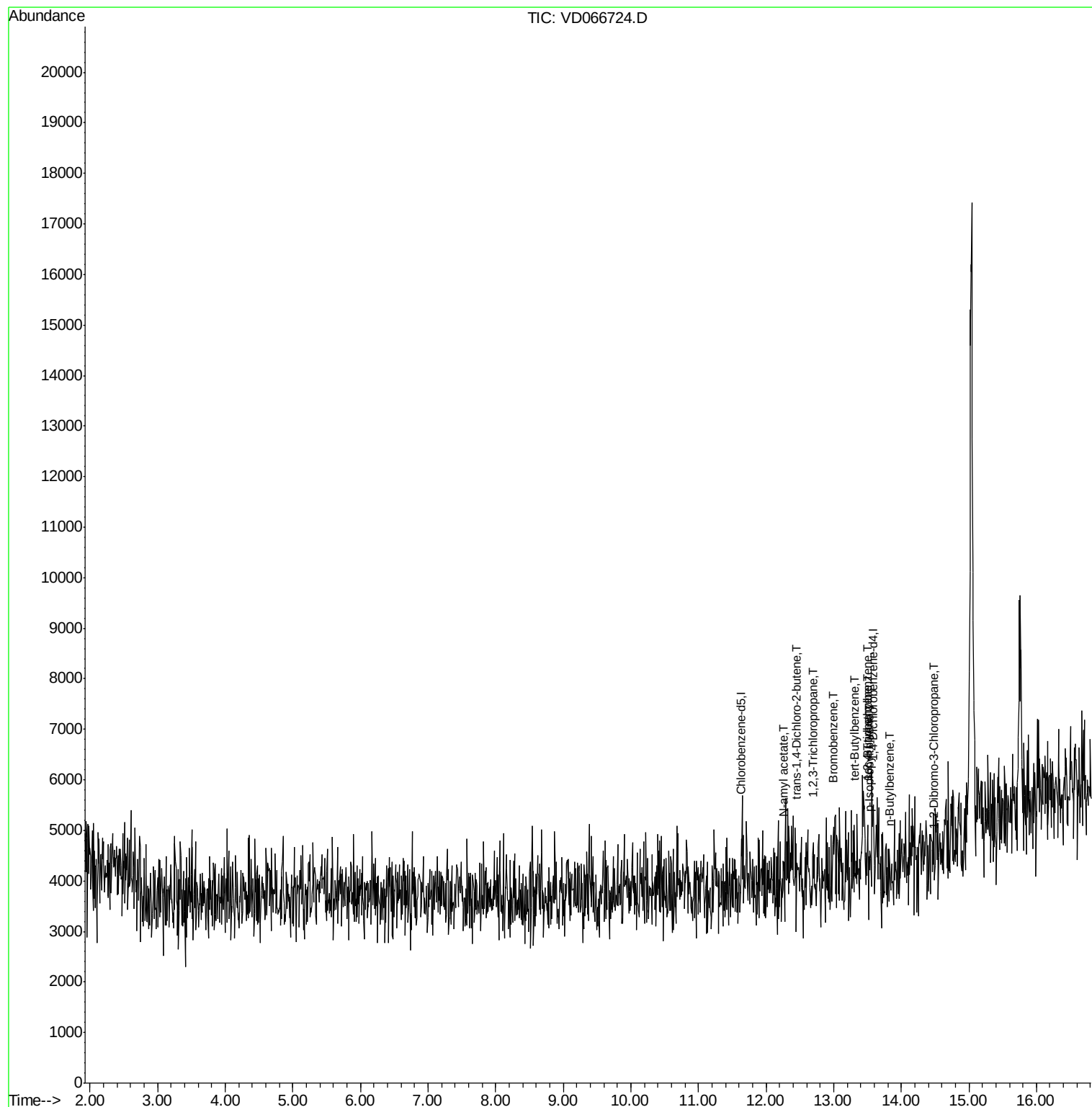
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
74) N-amyl acetate	12.26	43	59	29.270	ug/l #	43
76) 1,2,3-Trichloropropane	12.69	75	73	66.628	ug/l #	100
77) Bromobenzene	12.99	156	471	213.859	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.44	75	59	116.218	ug/l #	8
83) tert-Butylbenzene	13.31	119	86	12.915	ug/l #	24
84) 1,2,4-Trimethylbenzene	13.50	105	62	7.679	ug/l #	31
85) sec-Butylbenzene	13.50	105	62	6.494	ug/l #	56
86) p-Isopropyltoluene	13.53	119	62	7.144	ug/l #	50
89) n-Butylbenzene	13.84	91	55	6.664	ug/l #	33
92) 1,2-Dibromo-3-Chloropropan	14.49	75	59	224.783	ug/l #	7

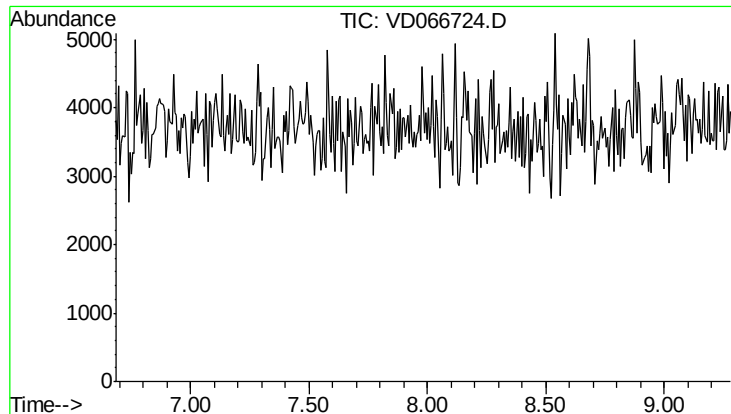
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091620\
Data File : VD066724.D
Acq On : 16 Sep 2020 17:21
Operator : VA/SY
Sample : L3868-01
Misc : 4.77G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PL-02-091520

Quant Time: Sep 17 00:52:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

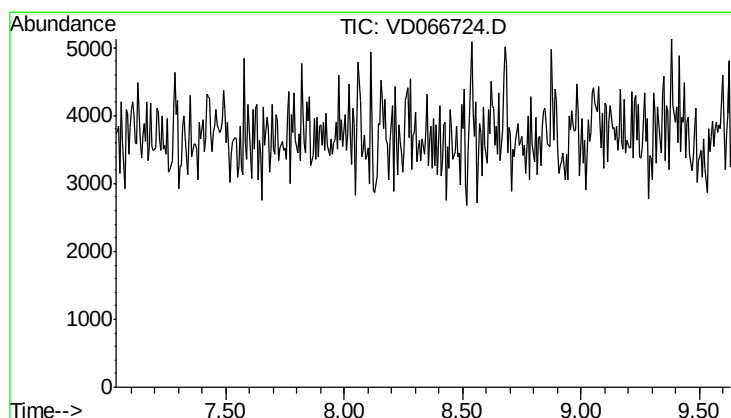
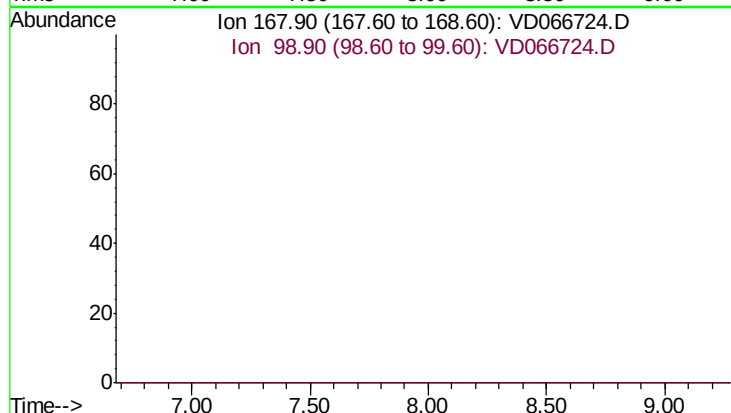




#1
 Pentafluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 7.98 min
 Lab File: VD066724.D
 Acq: 16 Sep 2020 17:21

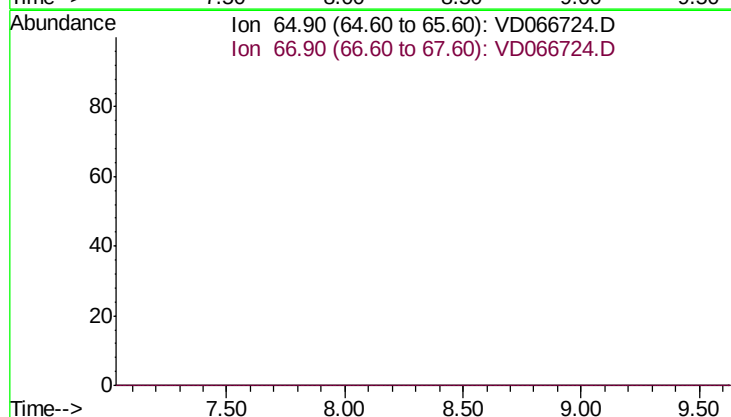
Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-091520

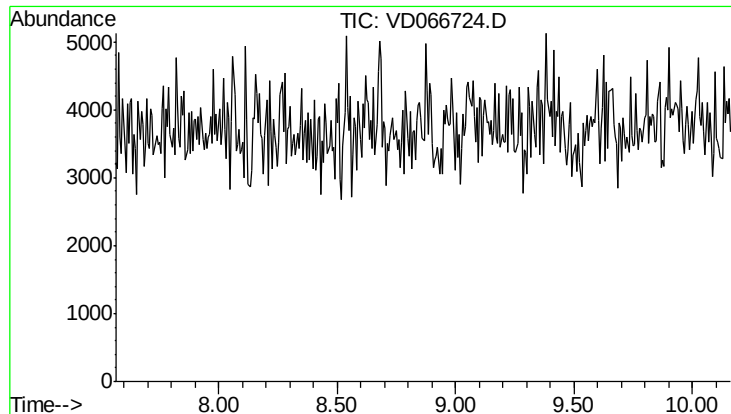
Tot Ion	168
Sig	Exp Ratio
168	100
99	68.0



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.33 min
 Lab File: VD066724.D
 Acq: 16 Sep 2020 17:21

Tgt Ion	65
Sig	Exp Ratio
65	100
67	51.1



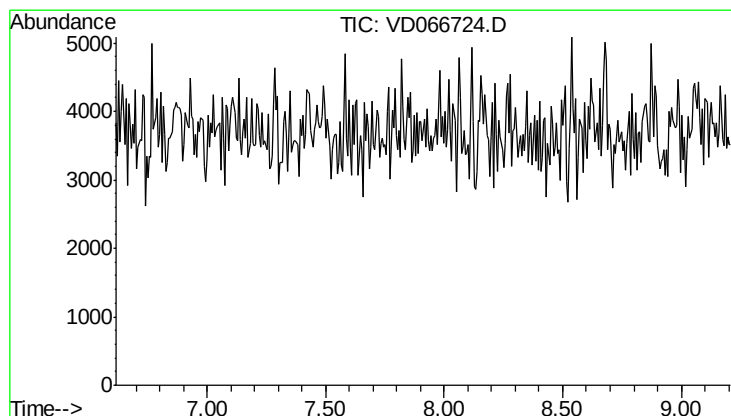
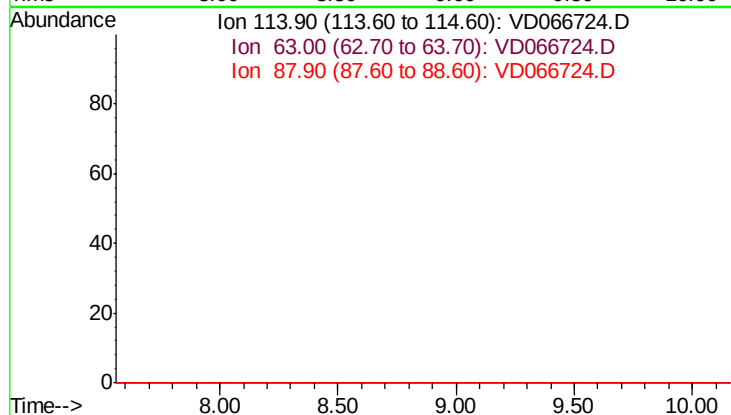


#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.86 min
 Lab File: VD066724.D
 Acq: 16 Sep 2020 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-091520

Tot Ion: 114

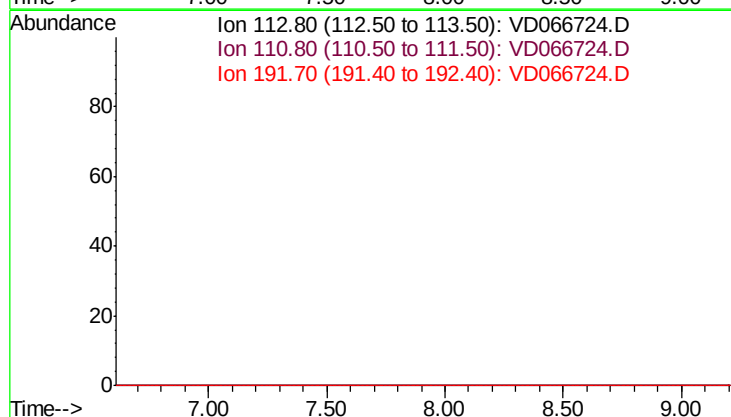
Sig	Exp Ratio
114	100
63	18.8
88	16.1

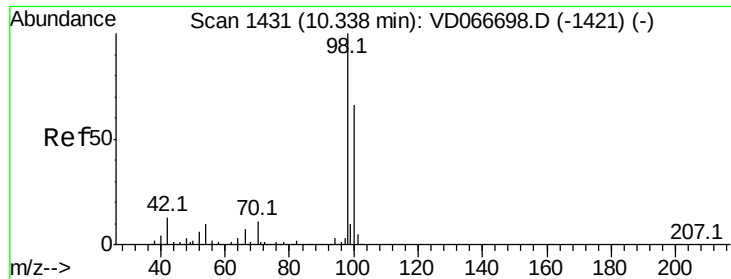


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.91 min
 Lab File: VD066724.D
 Acq: 16 Sep 2020 17:21

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	104.0
192	18.5





#50

Toluene-d8

Concen: 0.000 ug/l

RT: 10.39 min Scan# 1440

Delta R.T. 0.05 min

Lab File: VD066724.D

Acq: 16 Sep 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

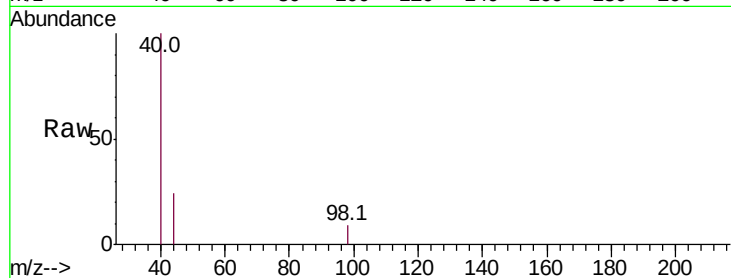
PL-02-091520

Tot Ion: 98 Resp: 101

Ion Ratio Lower Upper

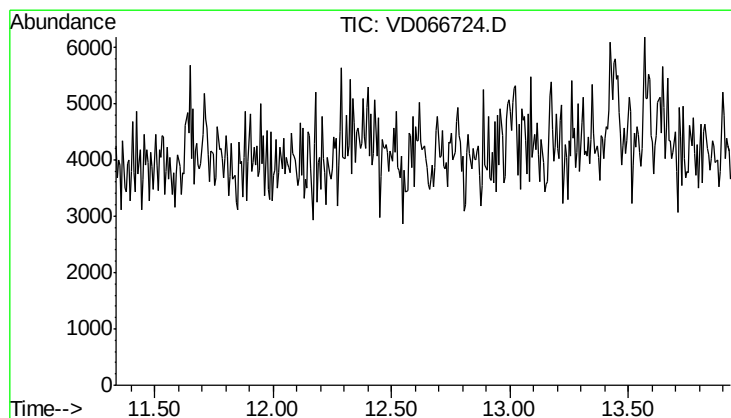
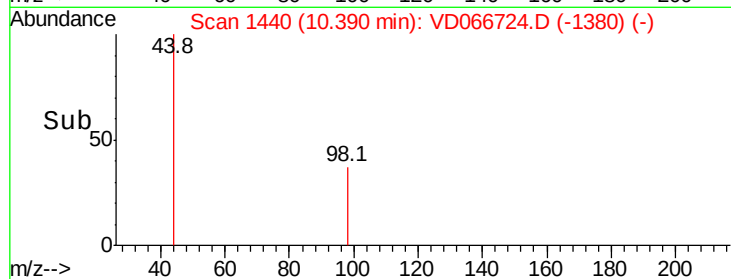
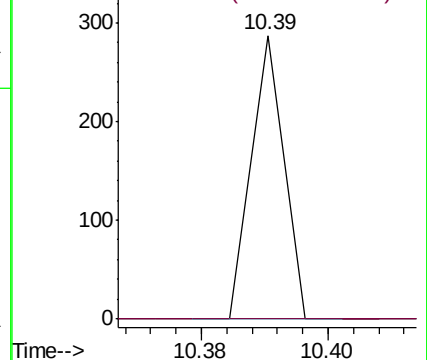
98 100

100 0.0 52.7 79.1#



Abundance Ion 98.00 (97.70 to 98.70): VD066724.D

Ion 100.00 (99.70 to 100.70): VD066724.D



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.63 min

Lab File: VD066724.D

Acq: 16 Sep 2020 17:21

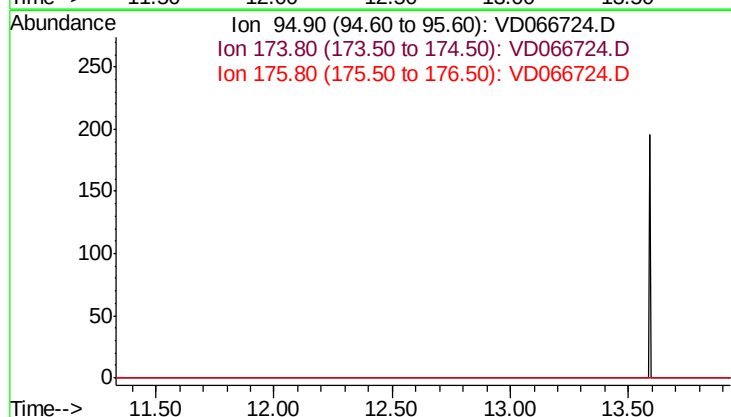
Tgt Ion: 95

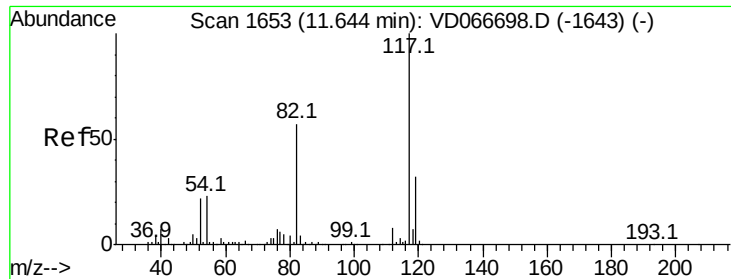
Sig Exp Ratio

95 100

174 78.3

176 75.1

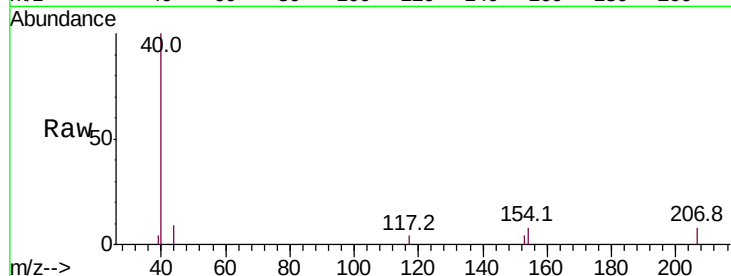




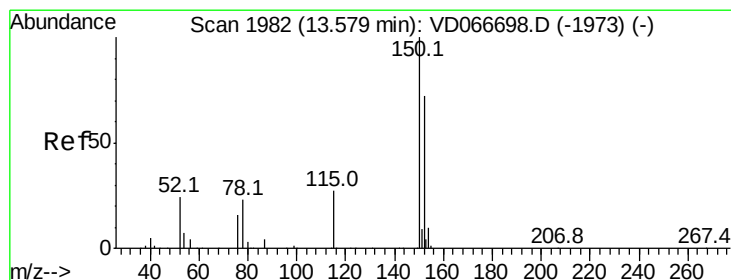
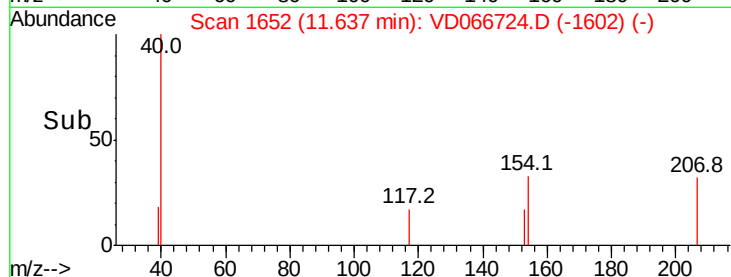
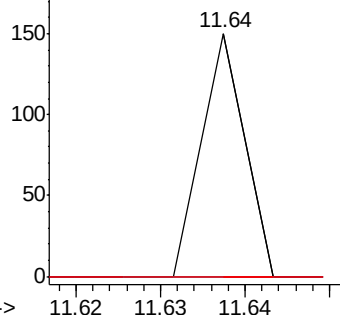
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VD066724.D
Acq: 16 Sep 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
PL-02-091520

Tot Ion	Ratio	Lower	Upper
117	100		
82	0.0	45.4	68.0#
119	0.0	25.8	38.6#

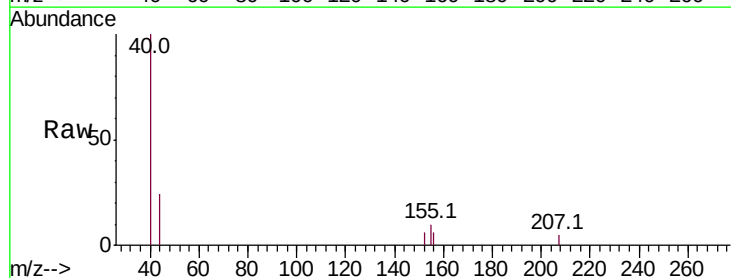


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

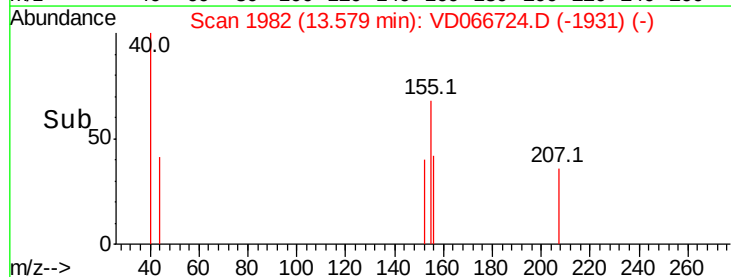
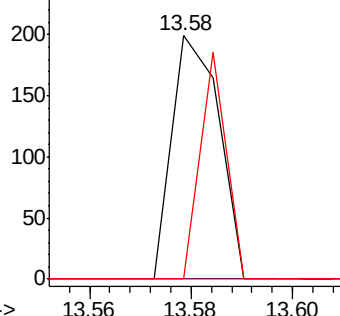


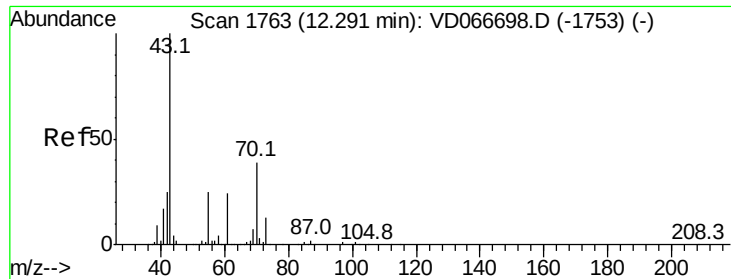
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066724.D
Acq: 16 Sep 2020 17:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	0.0	30.5	91.5#
150	51.6	0.0	344.6



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

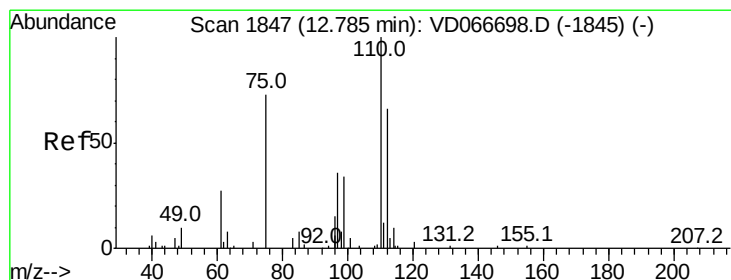
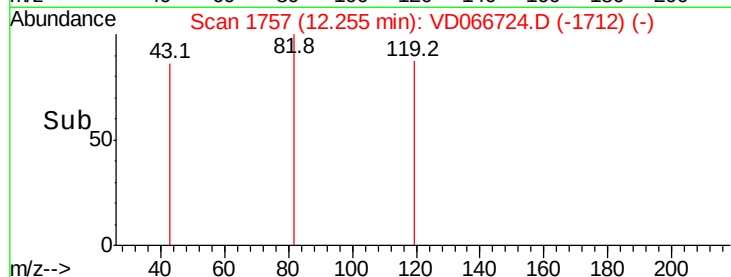
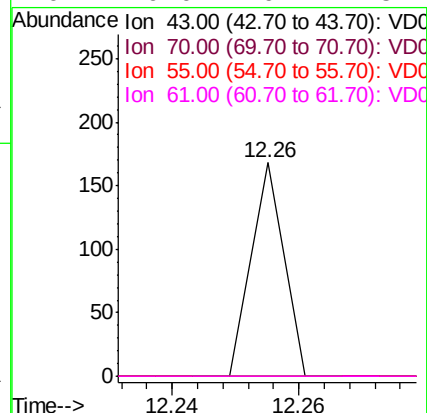
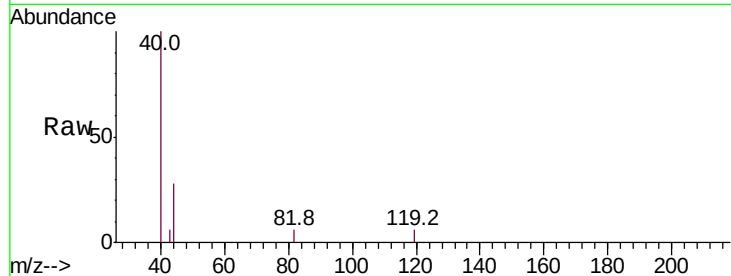




#74
N-amvl acetate
Concen: 29.270 ug/l
RT: 12.26 min Scan# 1757
Delta R.T. -0.04 min
Lab File: VD066724.D
Acq: 16 Sep 2020 17:21

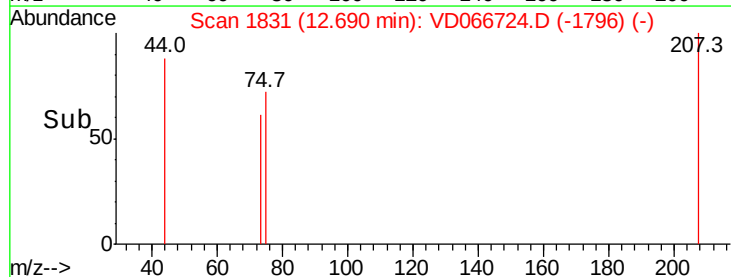
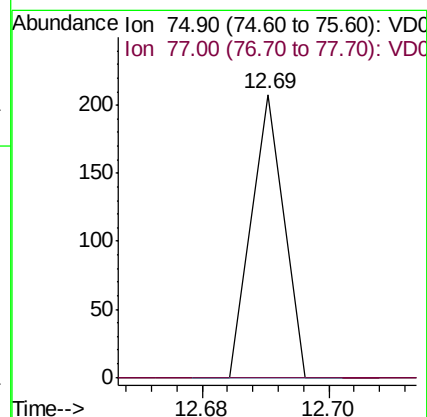
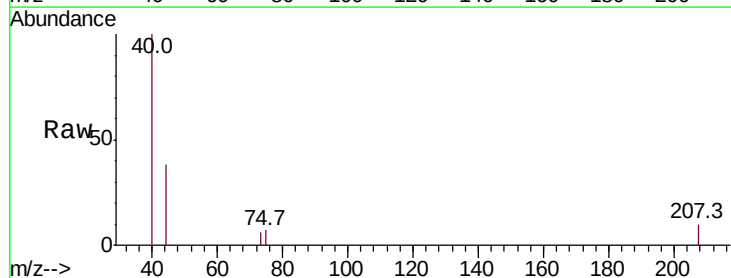
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091520

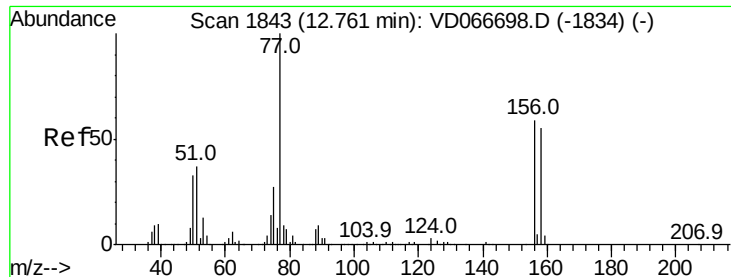
Tot Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
70 0.0 33.0 49.4#
55 0.0 20.6 30.8#
61 0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 66.628 ug/l
RT: 12.69 min Scan# 1831
Delta R.T. -0.09 min
Lab File: VD066724.D
Acq: 16 Sep 2020 17:21

Tgt Ion: 75 Resp: 73
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 213.859 ug/l

RT: 12.99 min Scan# 1882

Delta R.T. 0.23 min

Lab File: VD066724.D

Acq: 16 Sep 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

PL-02-091520

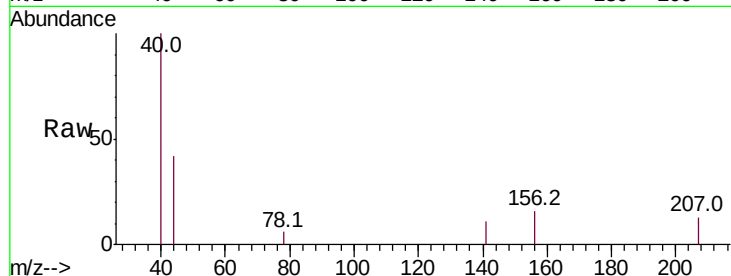
Tot Ion:156 Resp: 471

Ion Ratio Lower Upper

156 100

77 0.0 95.8 287.3#

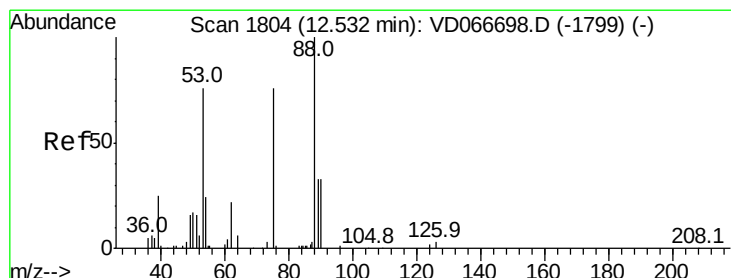
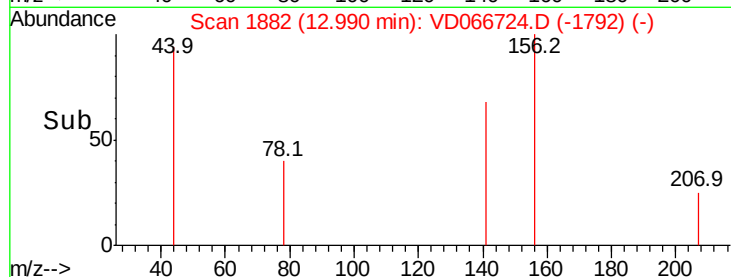
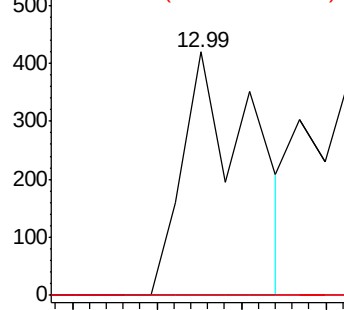
158 0.0 48.4 145.0#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 116.218 ug/l

RT: 12.44 min Scan# 1789

Delta R.T. -0.09 min

Lab File: VD066724.D

Acq: 16 Sep 2020 17:21

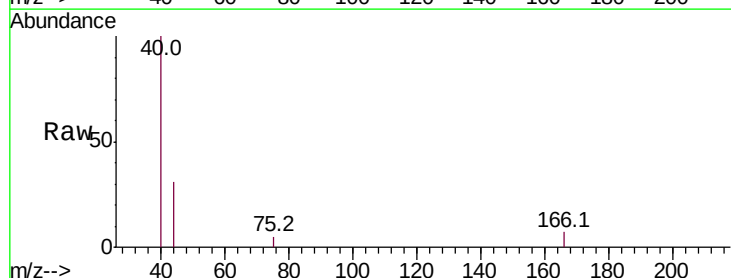
Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

75 100

53 0.0 82.2 123.4#

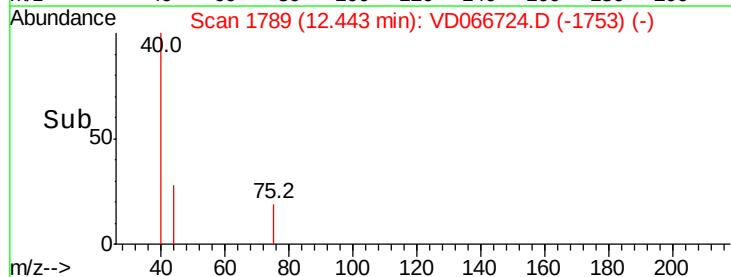
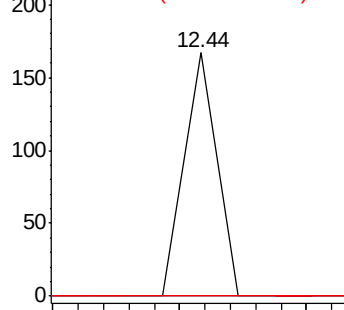
89 0.0 39.6 59.4#

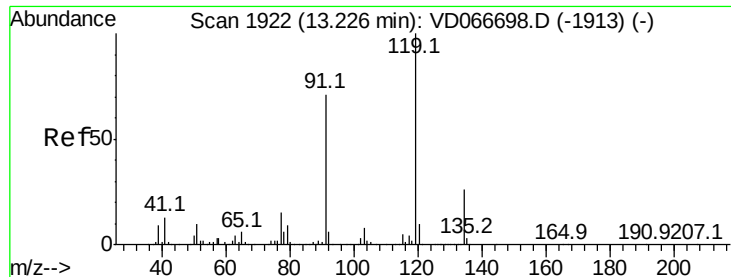


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#83

tert-Butylbenzene

Concen: 12.915 ug/l

RT: 13.31 min Scan# 1936

Delta R.T. 0.08 min

Lab File: VD066724.D

Acq: 16 Sep 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

PL-02-091520

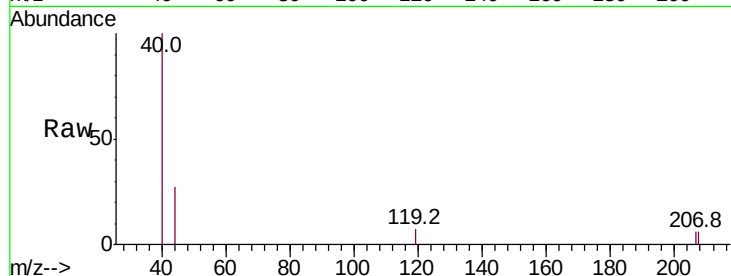
Tot Ion:119 Resp: 86

Ion Ratio Lower Upper

119 100

91 0.0 35.0 105.1#

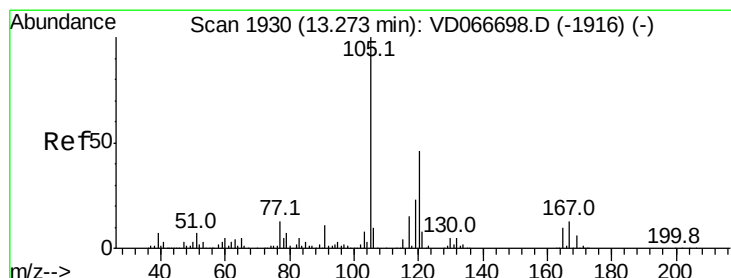
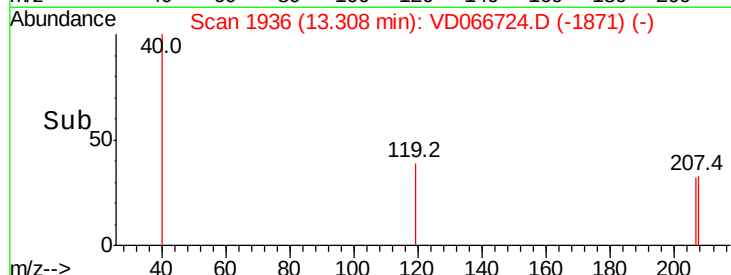
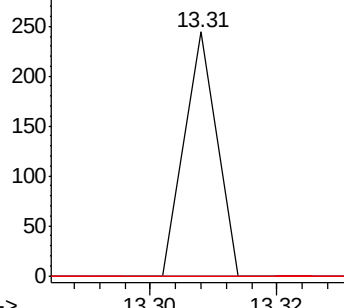
134 0.0 13.6 40.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 7.679 ug/l

RT: 13.50 min Scan# 1969

Delta R.T. 0.23 min

Lab File: VD066724.D

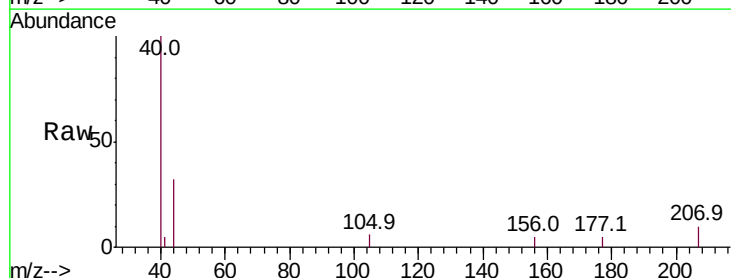
Acq: 16 Sep 2020 17:21

Tgt Ion:105 Resp: 62

Ion Ratio Lower Upper

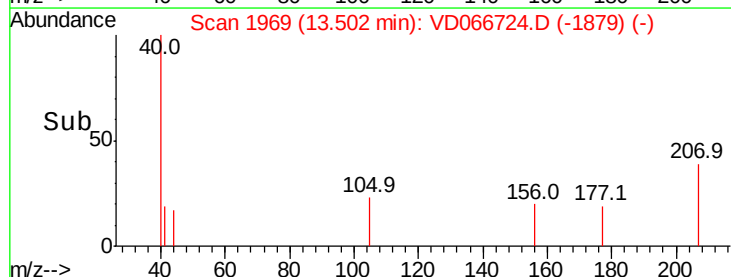
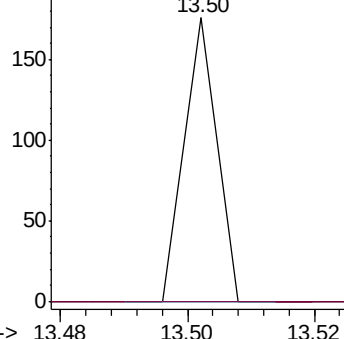
105 100

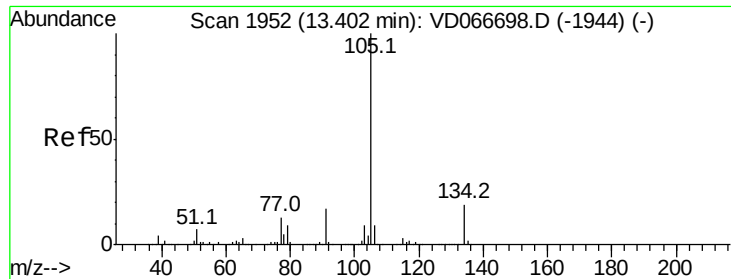
120 0.0 22.4 67.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 6.494 ug/l

RT: 13.50 min Scan# 1969

Delta R.T. 0.10 min

Lab File: VD066724.D

Acq: 16 Sep 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

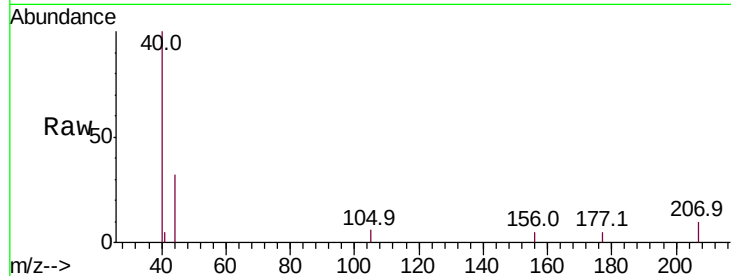
PL-02-091520

Tot Ion:105 Resp: 62

Ion Ratio Lower Upper

105 100

134 0.0 10.0 30.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.50

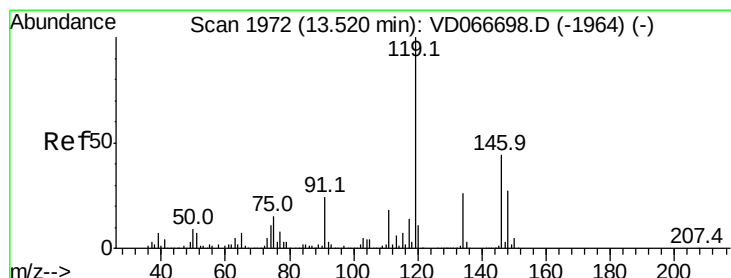
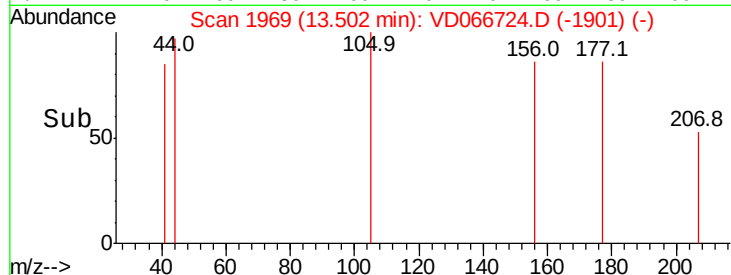
150

100

50

0

Time--> 13.48 13.50 13.52



#86

p-Isopropyltoluene

Concen: 7.144 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD066724.D

Acq: 16 Sep 2020 17:21

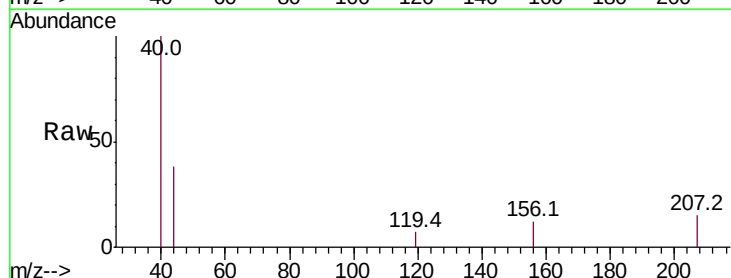
Tgt Ion:119 Resp: 62

Ion Ratio Lower Upper

119 100

134 0.0 12.9 38.7#

91 0.0 12.3 36.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.53

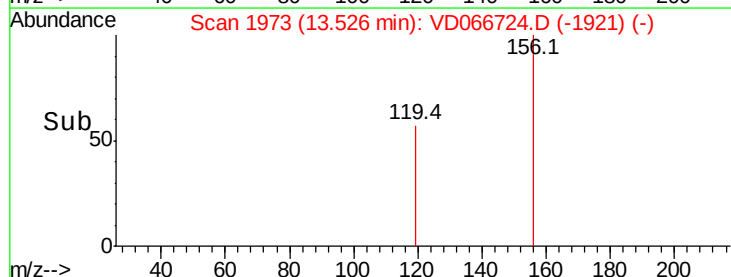
150

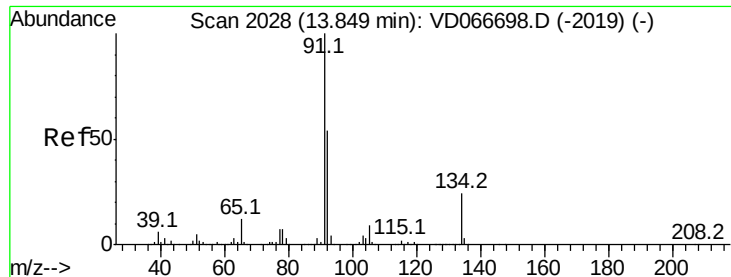
100

50

0

Time--> 13.52 13.54

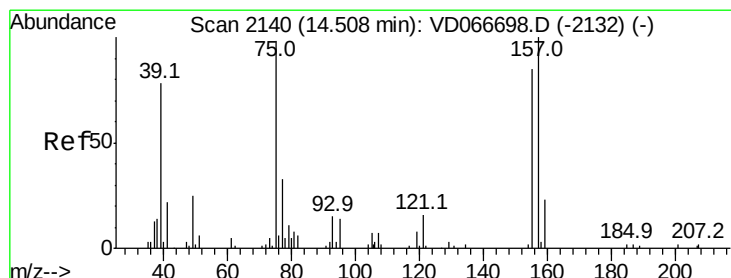
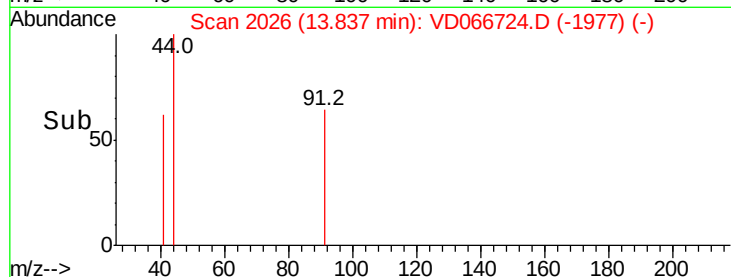
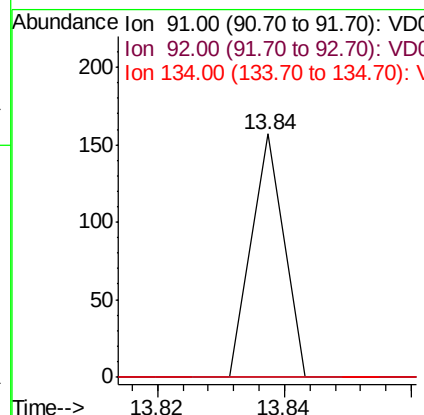
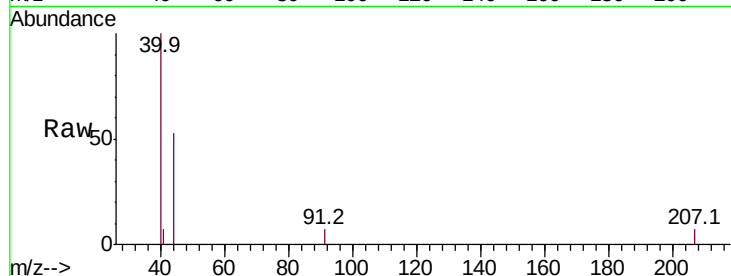




#89
n-Butylbenzene
Concen: 6.664 ug/l
RT: 13.84 min Scan# 2026
Delta R.T. -0.01 min
Lab File: VD066724.D
Acq: 16 Sep 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
PL-02-091520

Tot Ion: 91 Resp: 55
Ion Ratio Lower Upper
91 100
92 0.0 27.0 81.0#
134 0.0 12.4 37.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 224.783 ug/l
RT: 14.49 min Scan# 2137
Delta R.T. -0.02 min
Lab File: VD066724.D
Acq: 16 Sep 2020 17:21

Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
155 0.0 38.9 116.7#
157 0.0 46.4 139.2#

