

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111919\
 Data File : VL034392.D
 Acq On : 19 Nov 2019 23:32
 Operator : SY/AP
 Sample : K5924-01DL 40X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

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Quant Time: Nov 20 11:11:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 20 11:11:38 2019
 QLast Update : Wed Nov 20 03:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	966299	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1900046	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1864928	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1585603	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.59	45	51053m	3.256	ppbv	
19) Isopropyl Alcohol	3.97	45	41899	0.416	ppbv #	93
52) Tetrachloroethene	11.28	164	390230	4.748	ppbv	96

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

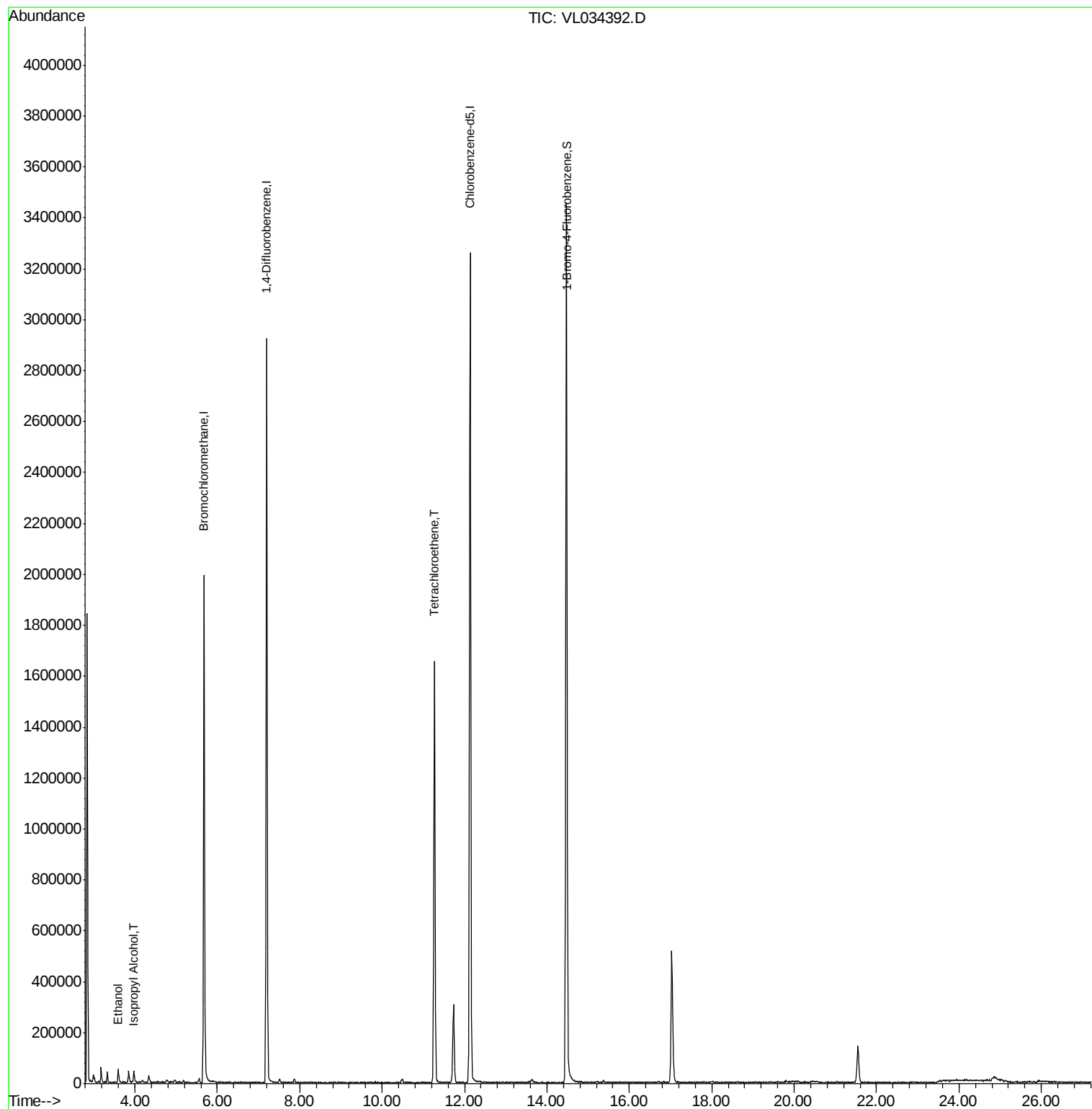
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL111919\
Data File : VL034392.D
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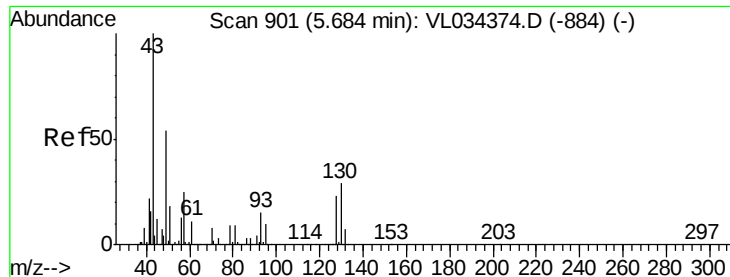
Instrument :
MSVOA_L
ClientSampled :
IA1DL

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Quant Time: Nov 20 11:11:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 20 03:30:54 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.01 min

Lab File: VL034392.D

Acq: 19 Nov 2019 23:32

Instrument :

MSVOA_L

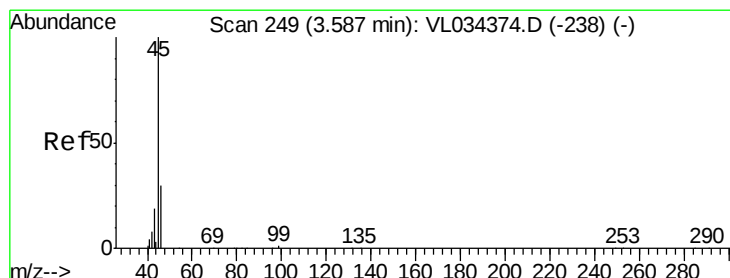
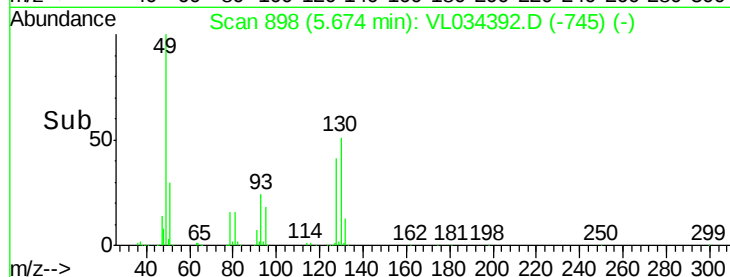
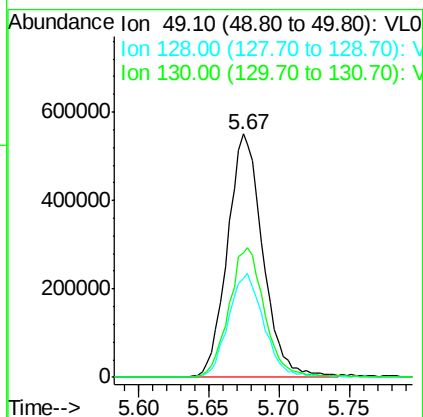
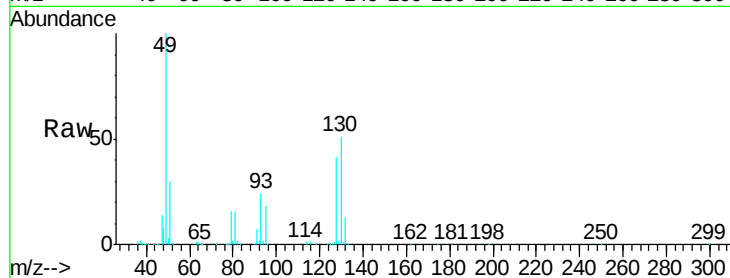
ClientSampleId :

IA1DL

Tgt Ion:	49	Resp:	966299
Ion	Ratio	Lower	Upper
49	100		
128	42.8	21.8	65.3
130	54.1	28.0	84.0

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#13

Ethanol

Concen: 3.256 ppbv m

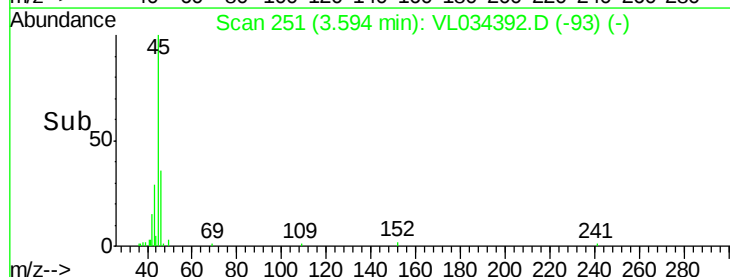
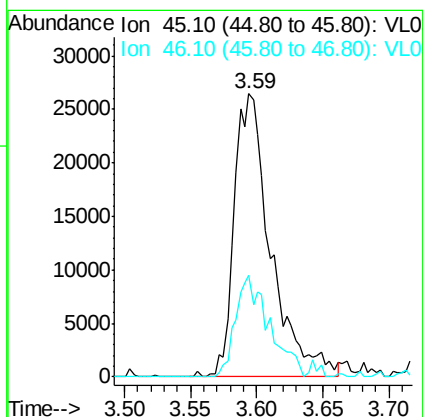
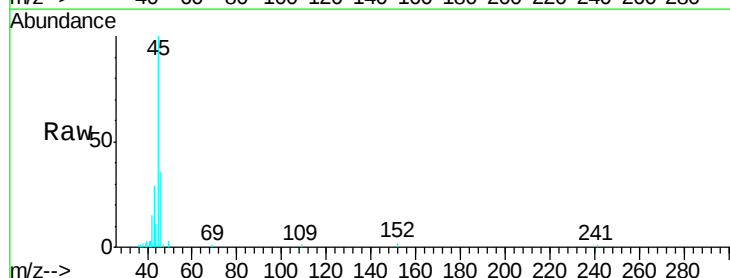
RT: 3.59 min Scan# 251

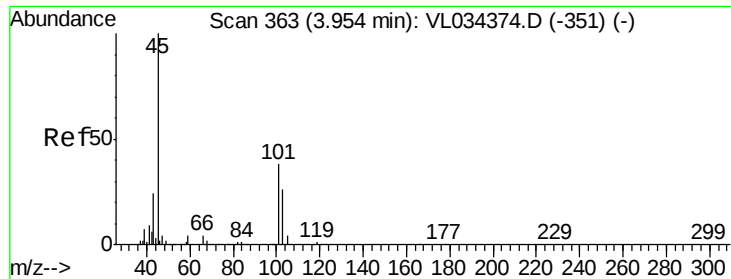
Delta R.T. 0.01 min

Lab File: VL034392.D

Acq: 19 Nov 2019 23:32

Tgt Ion:	45	Resp:	51053
Ion	Ratio	Lower	Upper
45	100		
46	34.7	13.8	55.4





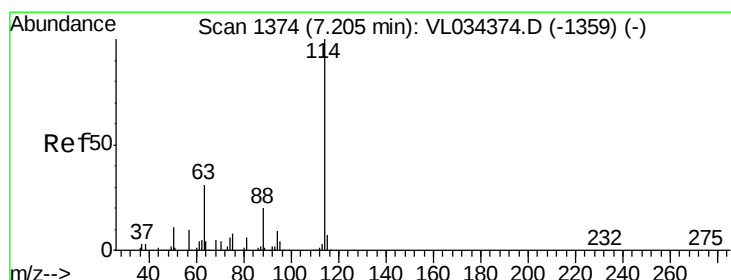
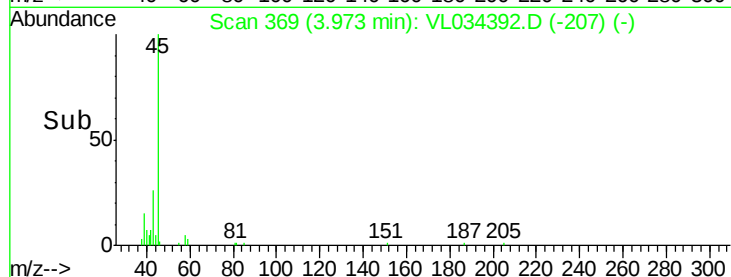
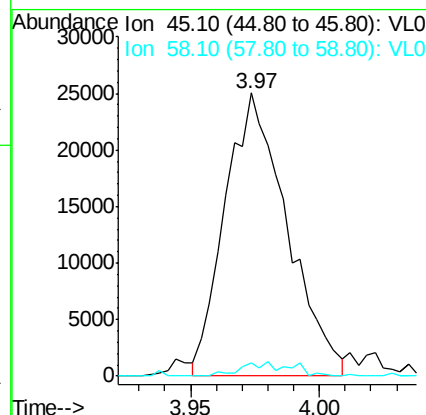
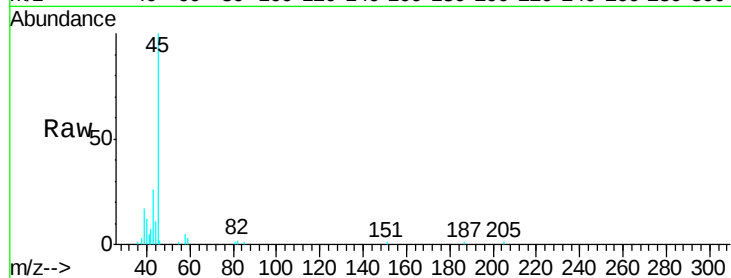
#19
Isopropyl Alcohol
Concen: 0.416 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.02 min
Lab File: VL034392.D
Acq: 19 Nov 2019 23:32

Instrument :
MSVOA_L
ClientSampled :
IA1DL

Tgt Ion	Ratio	Lower	Upper
45	100		
58	4.2	1.3	1.9#

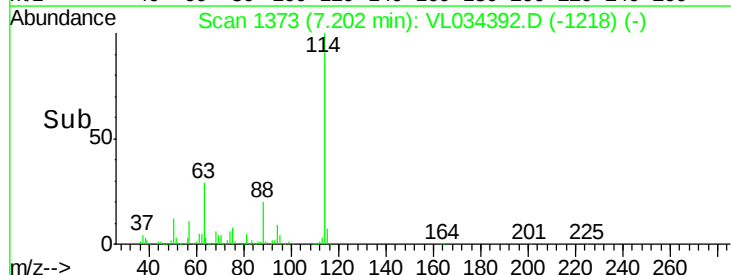
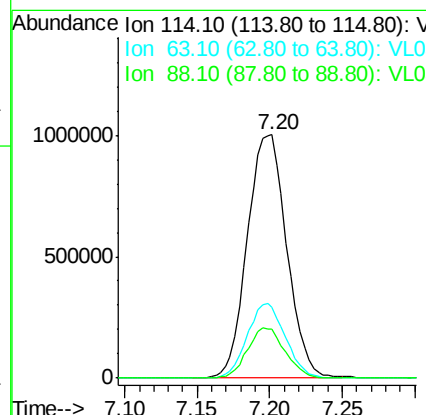
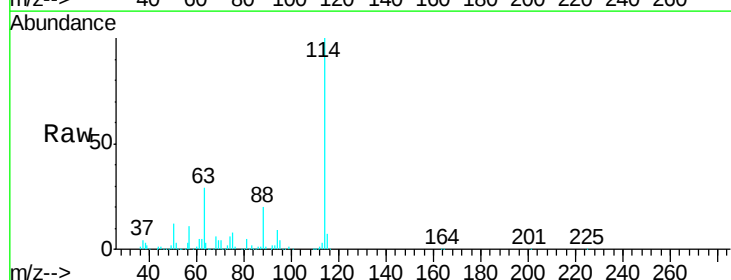
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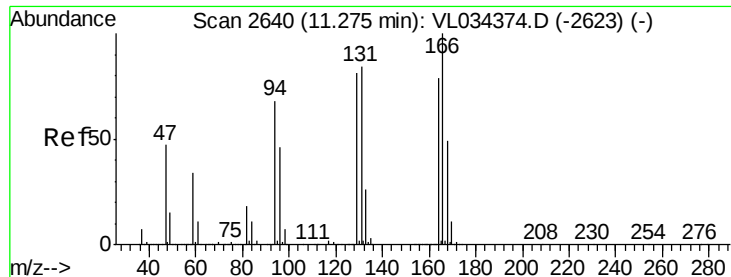
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.00 min
Lab File: VL034392.D
Acq: 19 Nov 2019 23:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.9	24.2	36.4
88	19.7	15.9	23.9





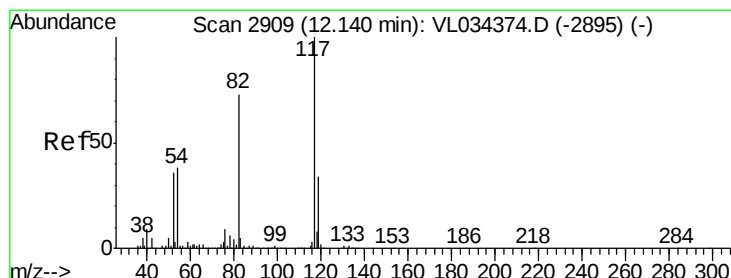
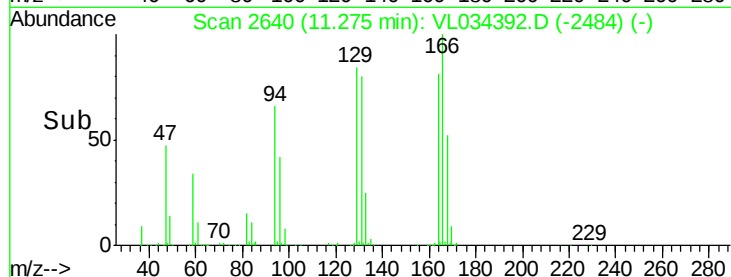
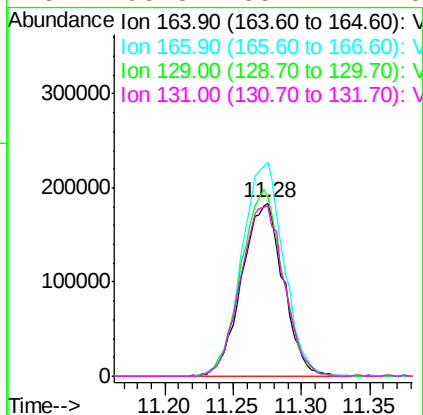
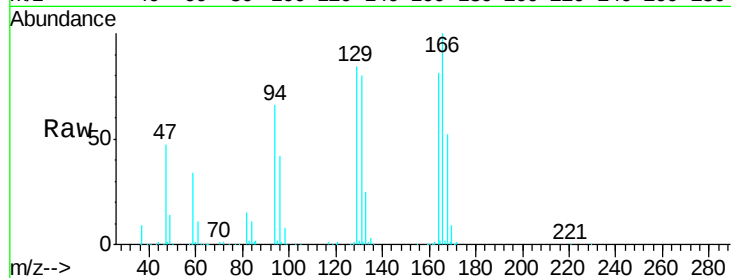
#52
Tetrachloroethene
Concen: 4.748 ppbv
RT: 11.28 min Scan# 2640
Delta R.T. 0.00 min
Lab File: VL034392.D
Acq: 19 Nov 2019 23:32

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	390230		
166	123.4	101.7	152.5	
129	103.3	82.6	123.8	
131	98.3	85.2	127.8	

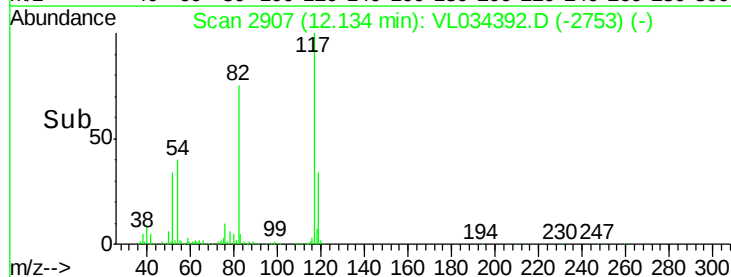
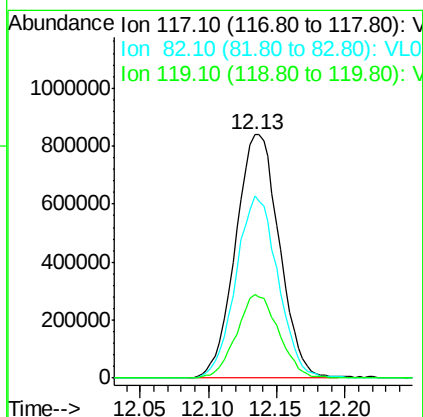
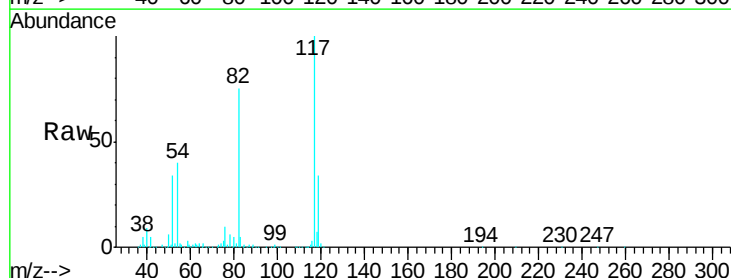
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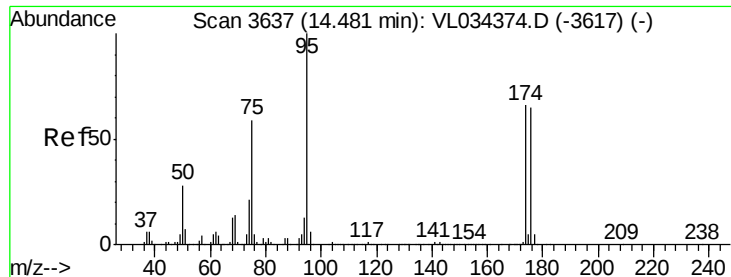
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL034392.D
Acq: 19 Nov 2019 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1864928		
82	72.7	57.5	86.3	
119	33.4	25.4	38.2	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.106 ppbv
 RT: 14.47 min Scan# 3635
 Delta R.T. -0.01 min
 Lab File: VL034392.D
 Acq: 19 Nov 2019 23:32

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Tgt Ion: 95 Resp: 1585603
 Ion Ratio Lower Upper
 95 100
 174 65.3 52.2 78.2
 175 4.6 3.8 5.8

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