

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120919\
 Data File : VL034477.D
 Acq On : 9 Dec 2019 23:26
 Operator : SY/AP
 Sample : K6195-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1A-TEDL

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:12:51 PM

Quant Time: Dec 10 04:51:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	876800	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1699413	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1739512	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1462859	10.00	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds					Ovalue
13) Ethanol	3.59	45	32201m	2.380	ppbv
15) Acetone	3.85	43	46093	0.367	ppbv
19) Isopropyl Alcohol	3.98	45	14403m	0.179	ppbv
52) Tetrachloroethene	11.27	164	660420	8.985	ppbv

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

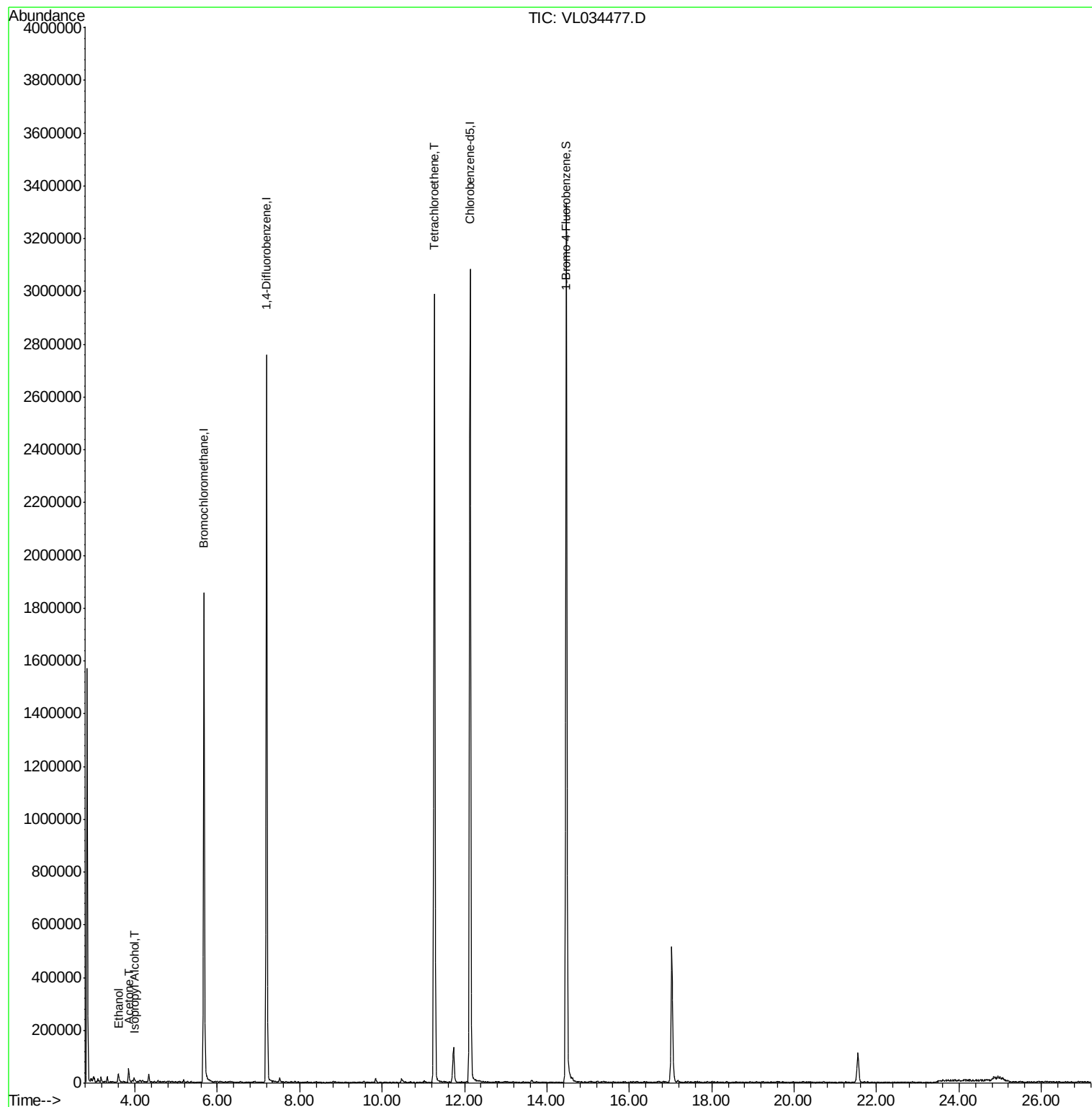
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120919\
Data File : VL034477.D
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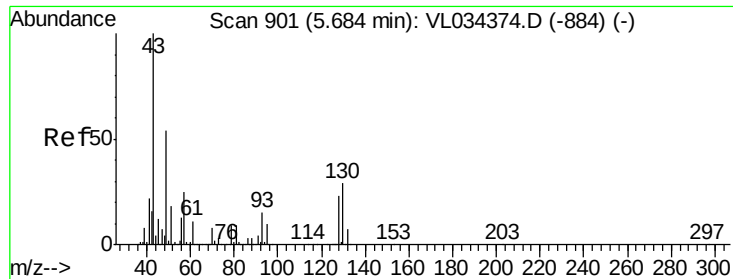
Instrument :
MSVOA_L
ClientSampleId :
1A-TEDL

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12/11/2019 2:12:51 PM

Quant Time: Dec 10 04:51:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 19 14:15:35 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: VL034477.D

Acq: 9 Dec 2019 23:26

Instrument :

MSVOA_L

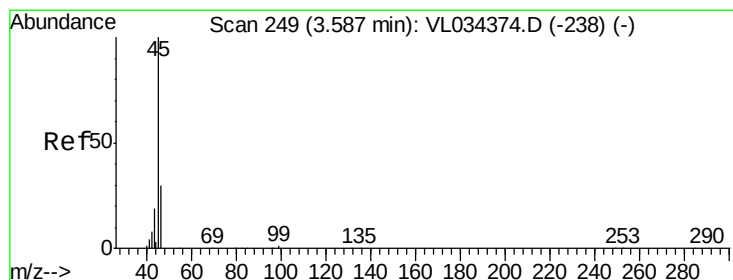
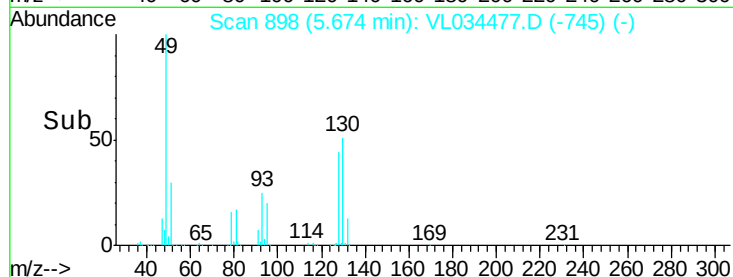
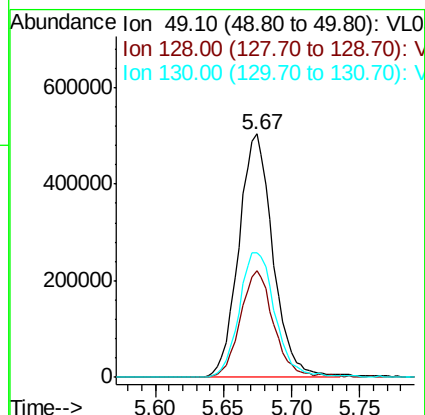
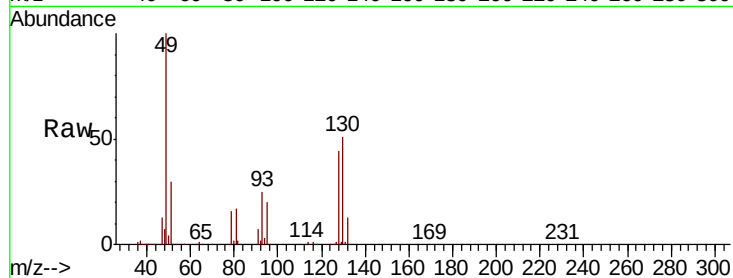
ClientSampled :

1A-TEDL

Tot Ion:	49	Resp:	876800
Ion	Ratio	Lower	Upper
49	100		
128	43.2	21.8	65.3
130	55.0	28.0	84.0

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#13

Ethanol

Concen: 2.380 ppbv m

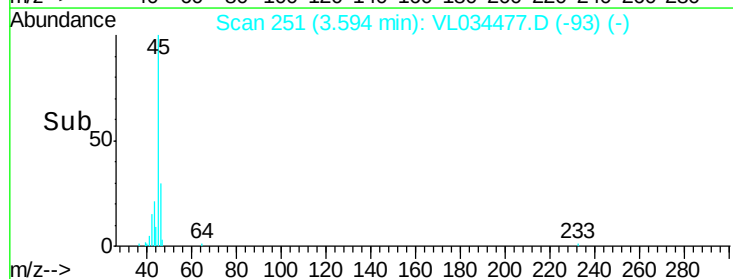
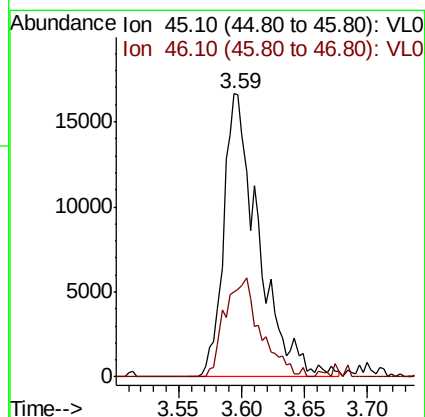
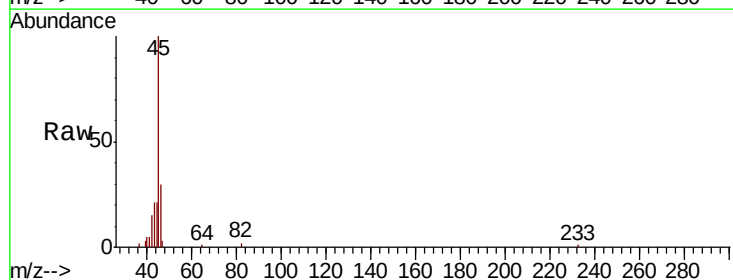
RT: 3.59 min Scan# 251

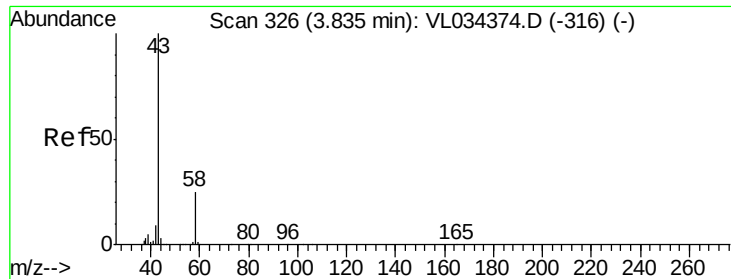
Delta R.T. 0.01 min

Lab File: VL034477.D

Acq: 9 Dec 2019 23:26

Tgt Ion:	45	Resp:	32201
Ion	Ratio	Lower	Upper
45	100		
46	0.0	13.8	55.4#





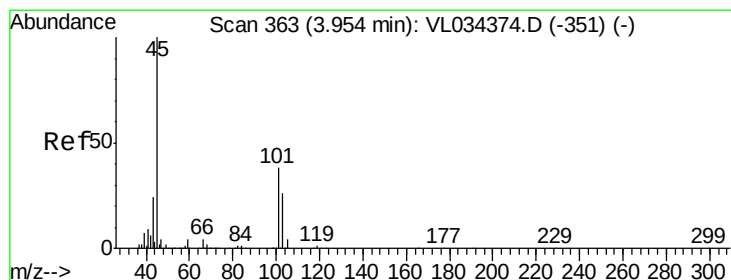
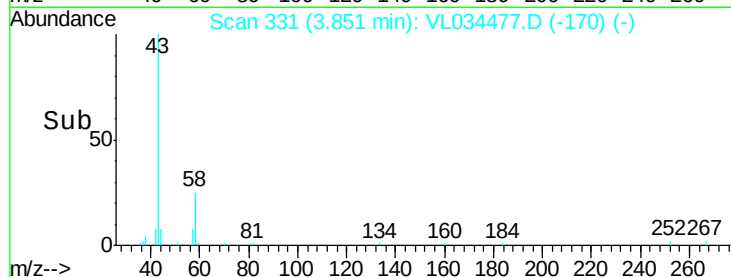
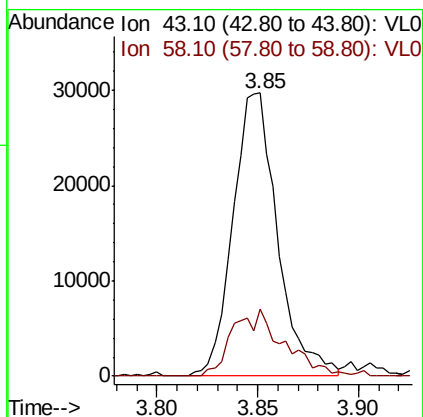
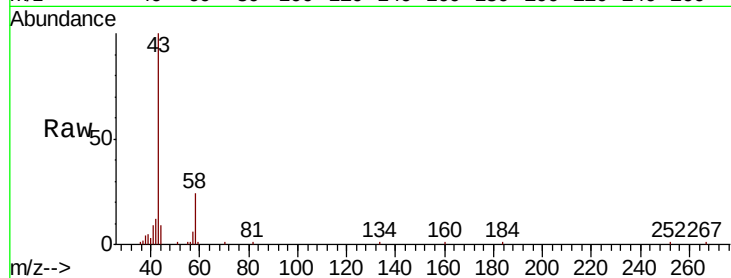
#15
Acetone
Concen: 0.367 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.02 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Instrument :
MSVOA_L
ClientSampleId :
1A-TEDL

Tot Ion: 43 Resp: 46093
Ion Ratio Lower Upper
43 100
58 27.3 20.2 30.4

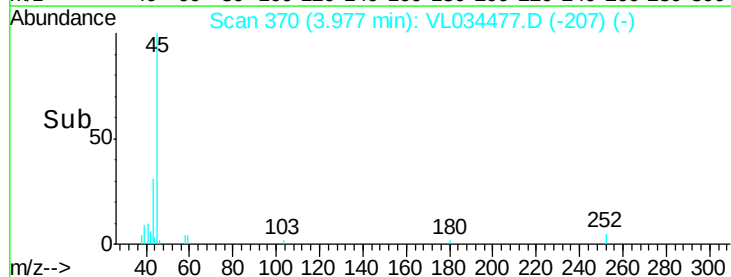
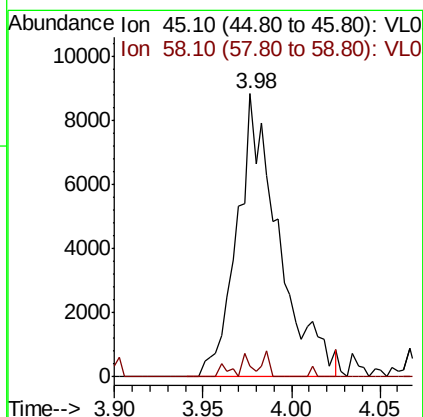
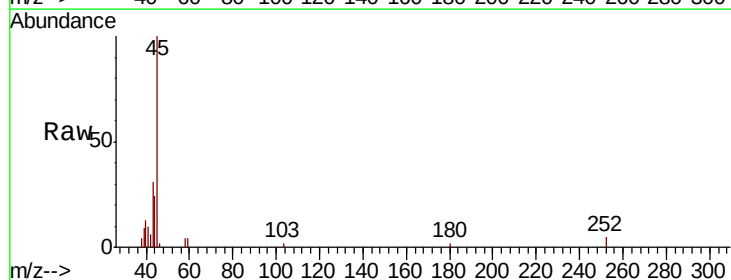
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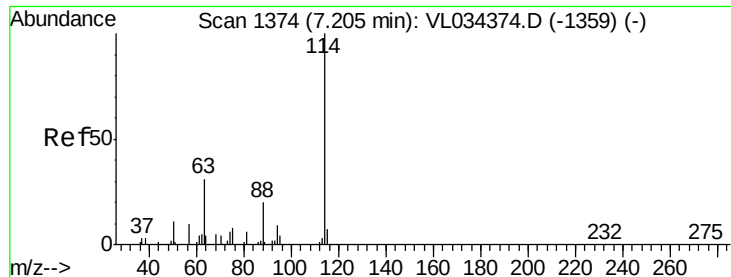
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#19
Isopropyl Alcohol
Concen: 0.179 ppbv m
RT: 3.98 min Scan# 370
Delta R.T. 0.02 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Tgt Ion: 45 Resp: 14403
Ion Ratio Lower Upper
45 100
58 0.0 1.3 1.9#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20 min Scan# 1372

Delta R.T. -0.01 min

Lab File: VL034477.D

Acq: 9 Dec 2019 23:26

Instrument :

MSVOA_L

ClientSampleId :

1A-TEDL

Tot Ion:114 Resp: 1699413

Ion Ratio Lower Upper

114 100

63 30.0 24.2 36.4

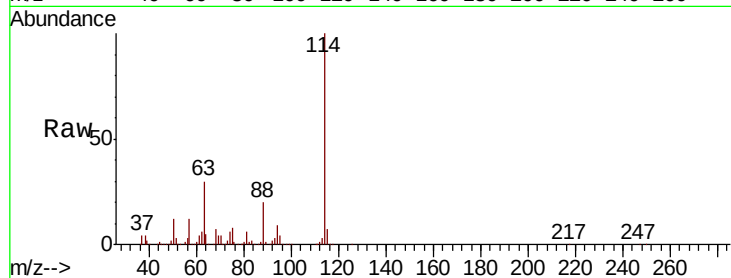
88 19.9 15.9 23.9

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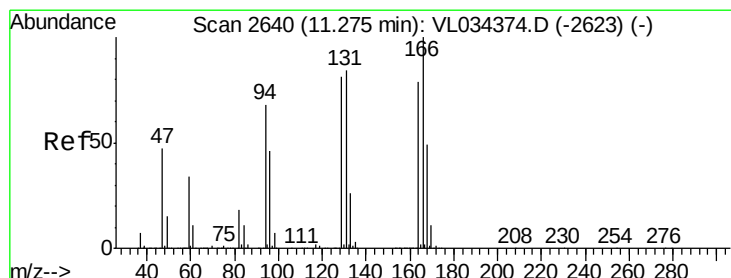
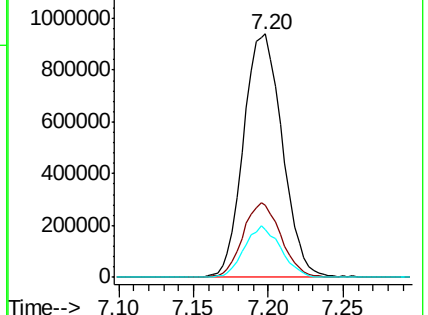
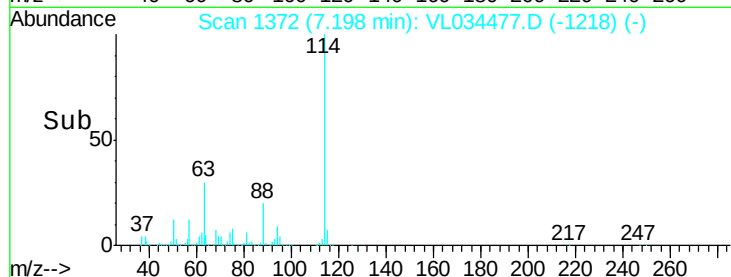
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Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#52

Tetrachloroethene

Concen: 8.985 ppbv

RT: 11.27 min Scan# 2639

Delta R.T. -0.00 min

Lab File: VL034477.D

Acq: 9 Dec 2019 23:26

Tgt Ion:164 Resp: 660420

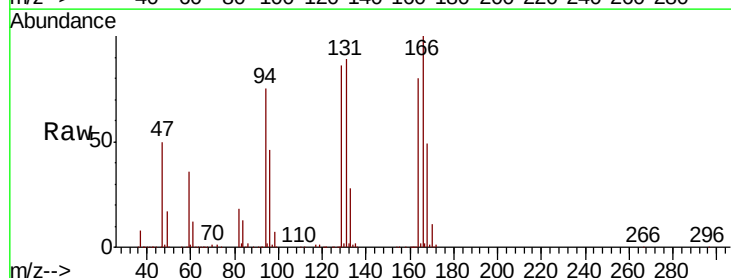
Ion Ratio Lower Upper

164 100

166 124.3 101.7 152.5

129 106.6 82.6 123.8

131 111.0 85.2 127.8

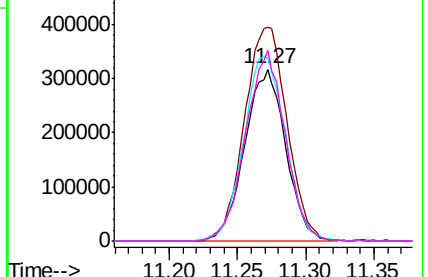
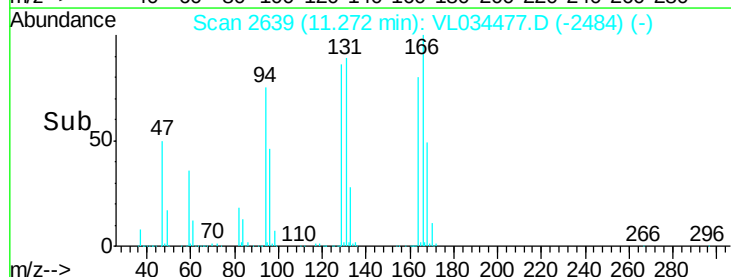


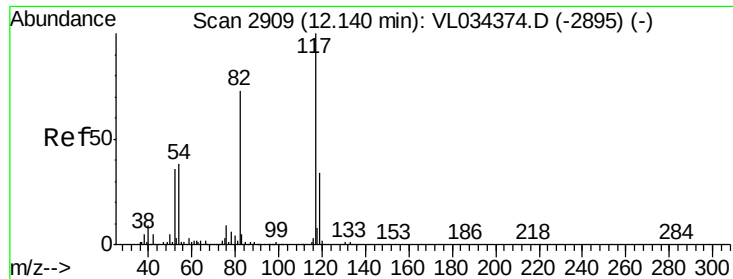
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





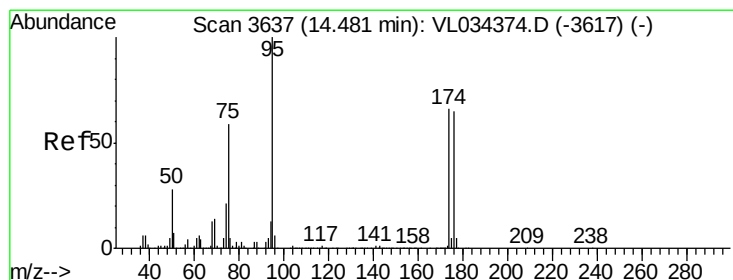
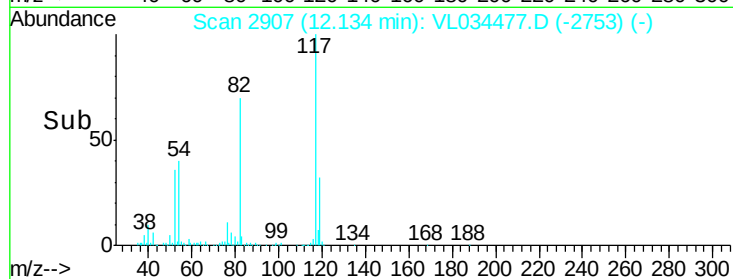
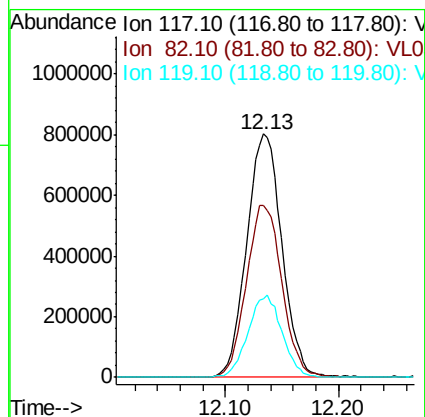
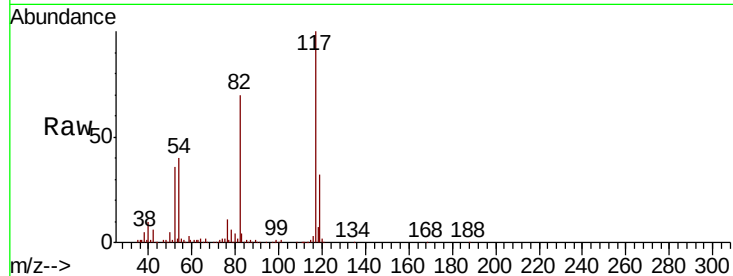
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Instrument :
MSVOA_L
ClientSampleId :
1A-TEDL

Tot Ion:117 Resp: 1739512
Ion Ratio Lower Upper
117 100
82 71.7 57.5 86.3
119 32.7 25.4 38.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.996 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. -0.01 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Tgt Ion: 95 Resp: 1462859
Ion Ratio Lower Upper
95 100
174 64.4 52.2 78.2
175 4.7 3.8 5.8

