

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120919\
 Data File : VL034474.D
 Acq On : 9 Dec 2019 21:27
 Operator : SY/AP
 Sample : K6195-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-HWDL

Manual Integrations
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Quant Time: Dec 10 04:45:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue 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	908042	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1774775	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1783365	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1517490	10.11	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.58	45	160830	11.478	ppbv	96
15) Acetone	3.84	43	65716	0.505	ppbv	94
19) Isopropyl Alcohol	3.97	45	30928m	0.371	ppbv	
52) Tetrachloroethene	11.27	164	1198078	15.608	ppbv	97

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

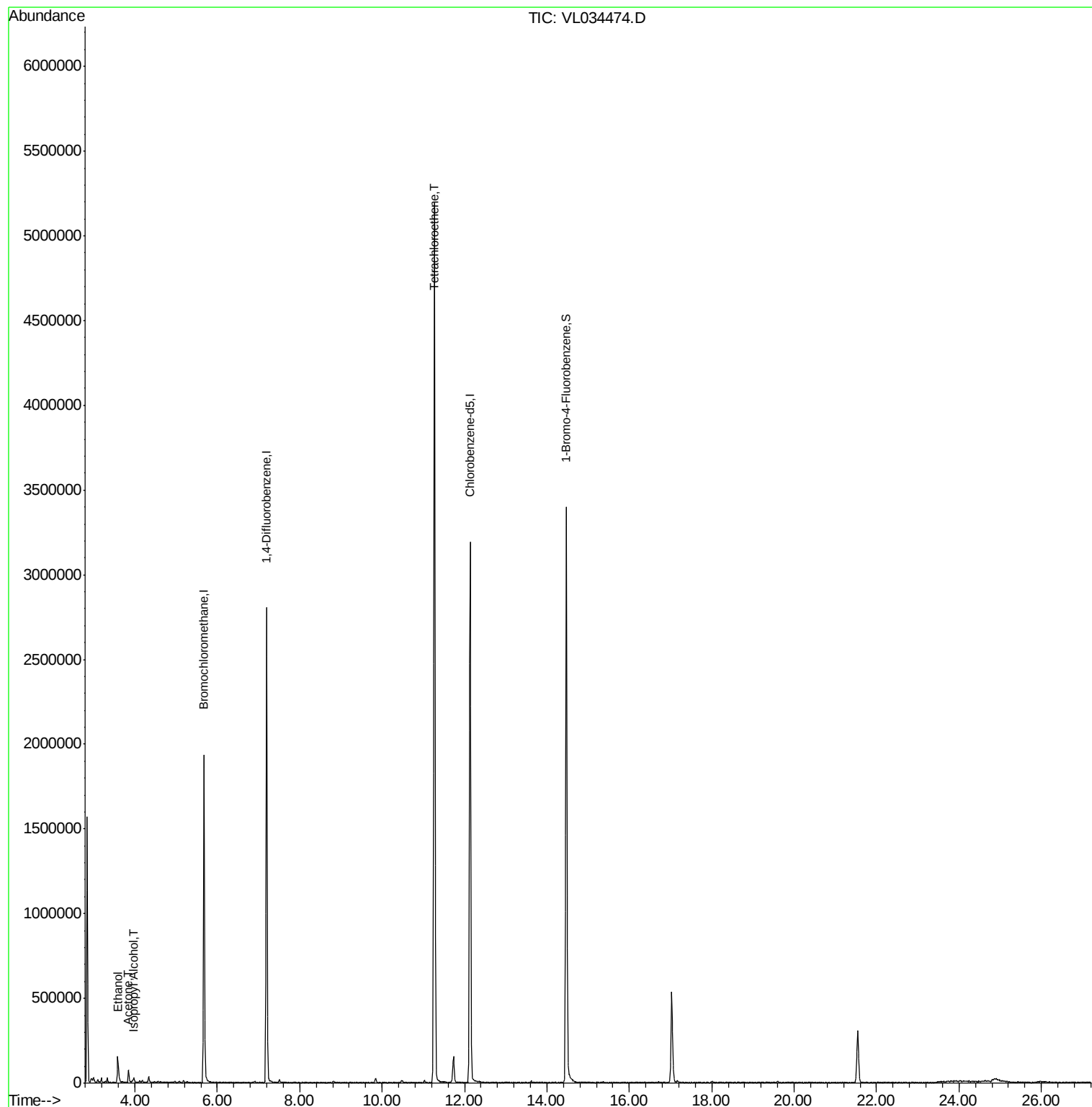
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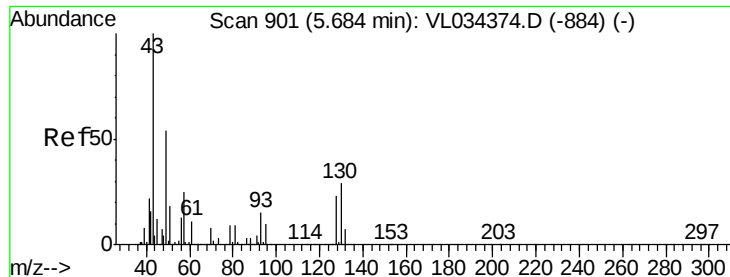
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.01 min

Lab File: VL034474.D

Acq: 9 Dec 2019 21:27

Instrument :

MSVOA_L

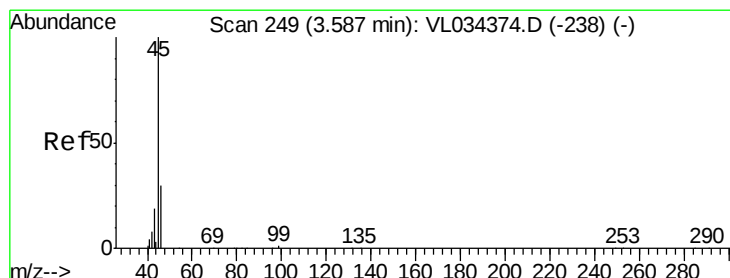
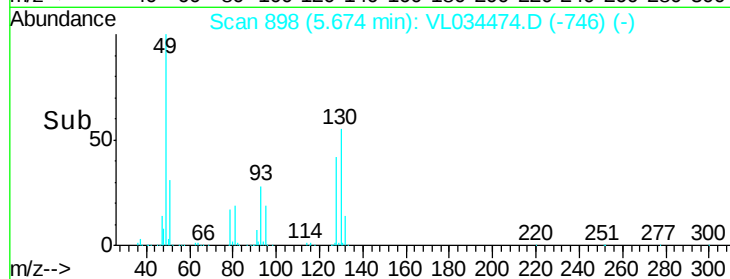
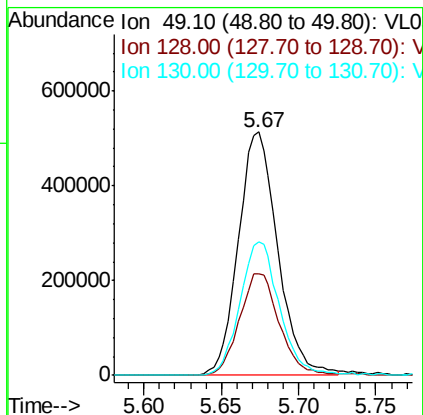
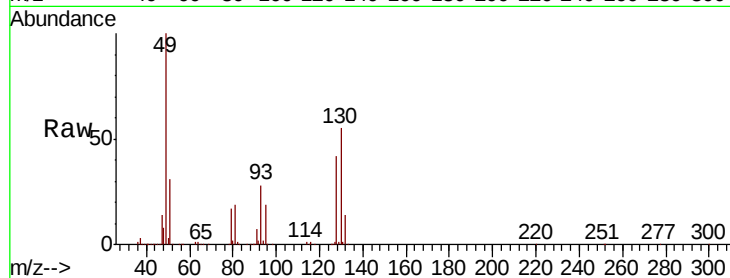
ClientSampleId :

IA-HWDL

Tot Ion:	49	Resp:	908042
Ion	Ratio	Lower	Upper
49	100		
128	43.0	21.8	65.3
130	56.0	28.0	84.0

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#13

Ethanol

Concen: 11.478 ppbv

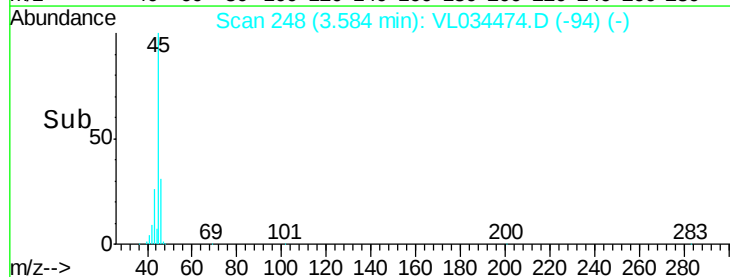
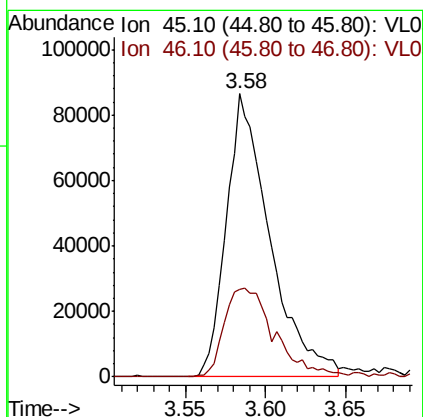
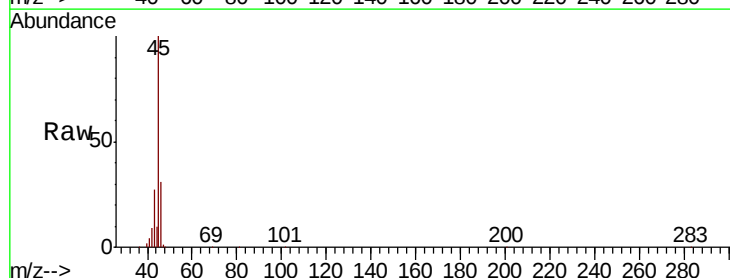
RT: 3.58 min Scan# 248

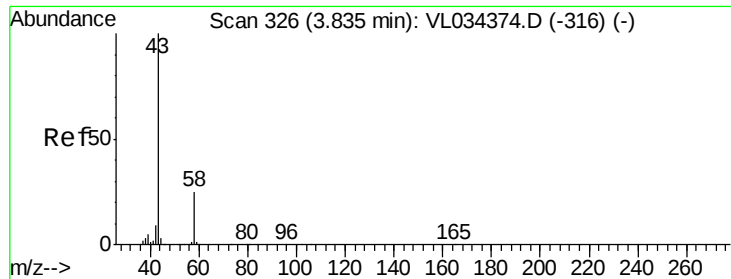
Delta R.T. -0.00 min

Lab File: VL034474.D

Acq: 9 Dec 2019 21:27

Tgt Ion:	45	Resp:	160830
Ion	Ratio	Lower	Upper
45	100		
46	36.7	13.8	55.4





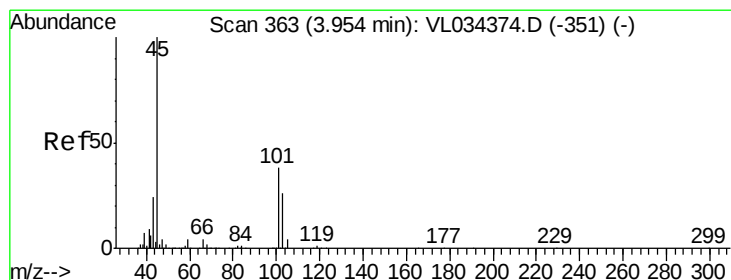
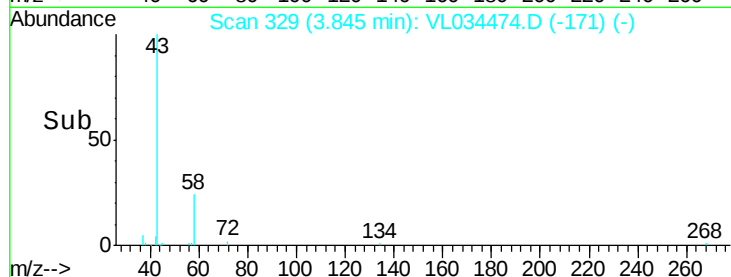
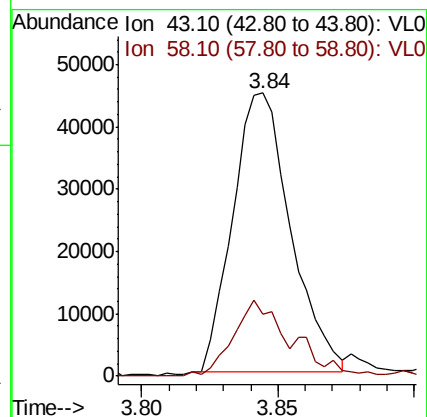
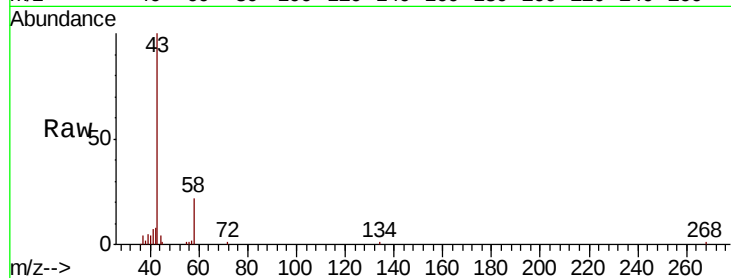
#15
Acetone
Concen: 0.505 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL034474.D
Acq: 9 Dec 2019 21:27

Instrument :
MSVOA_L
ClientSampleId :
IA-HWDL

Tot Ion: 43 Resp: 65716
Ion Ratio Lower Upper
43 100
58 28.1 20.2 30.4

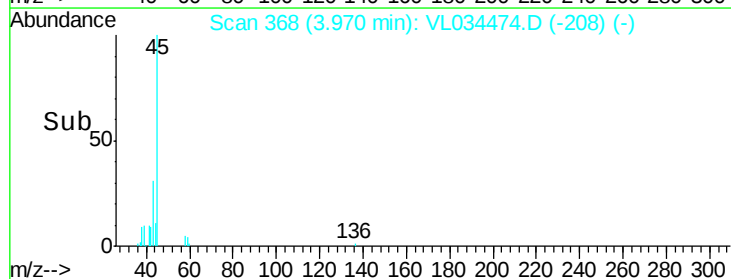
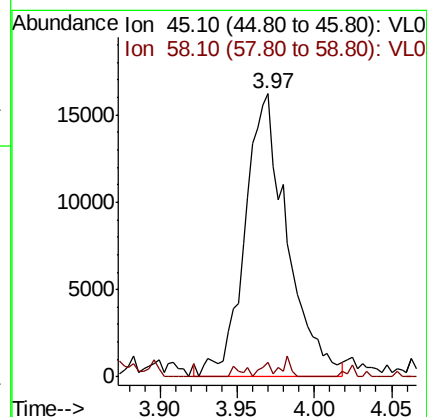
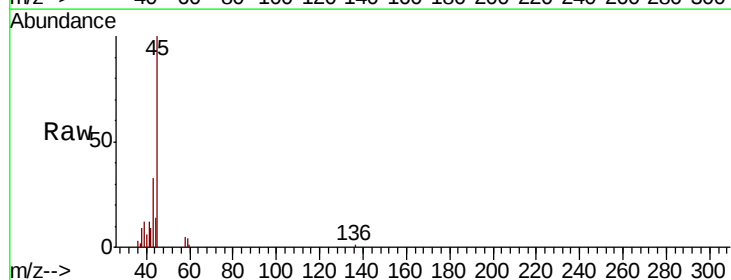
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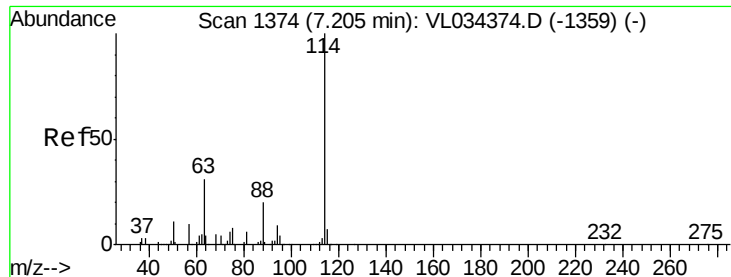
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#19
Isopropyl Alcohol
Concen: 0.371 ppbv m
RT: 3.97 min Scan# 368
Delta R.T. 0.02 min
Lab File: VL034474.D
Acq: 9 Dec 2019 21:27

Tgt Ion: 45 Resp: 30928
Ion Ratio Lower Upper
45 100
58 3.8 1.3 1.9#





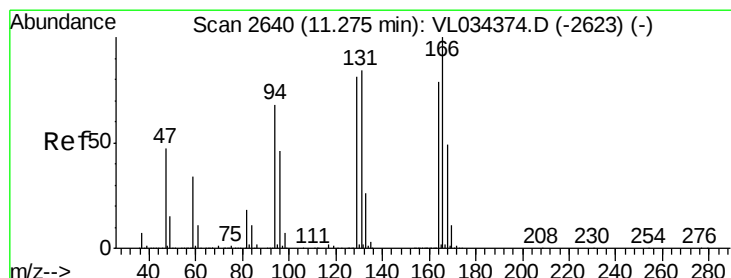
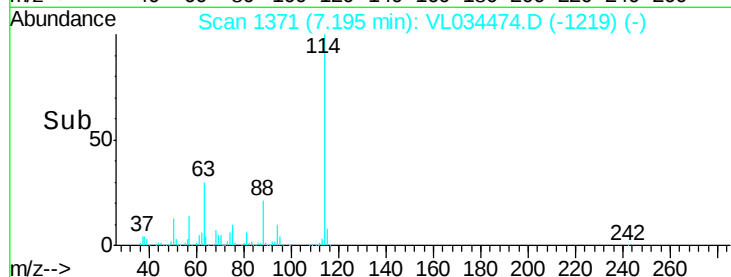
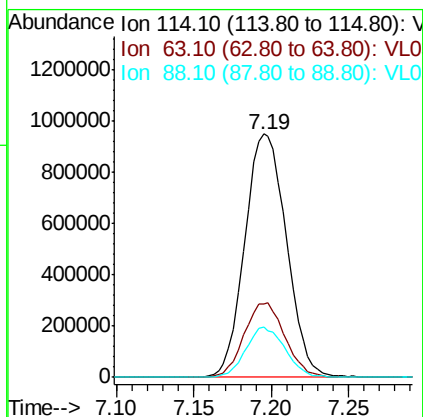
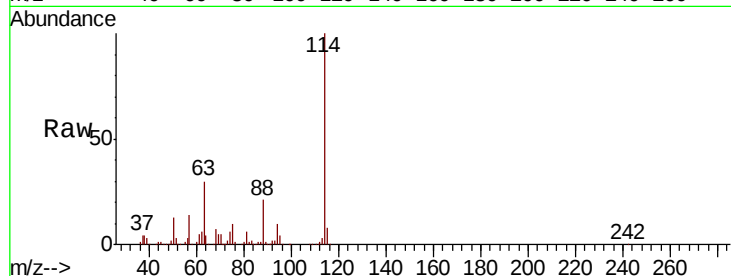
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: VL034474.D
 Acq: 9 Dec 2019 21:27

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-HWDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	30.2	24.2	36.4
88	19.5	15.9	23.9

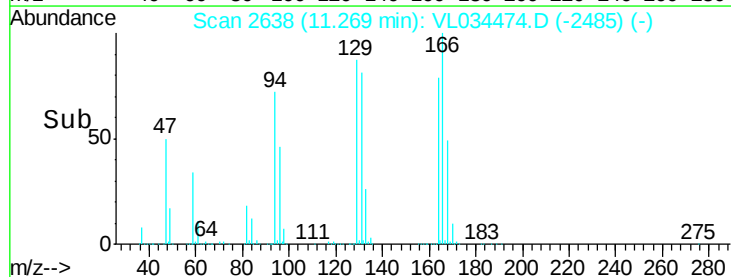
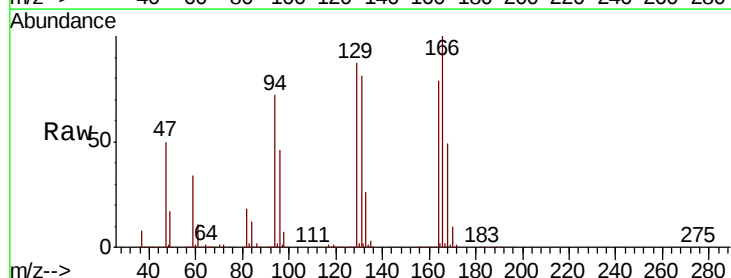
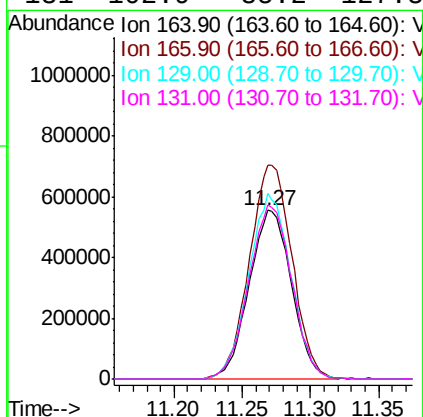
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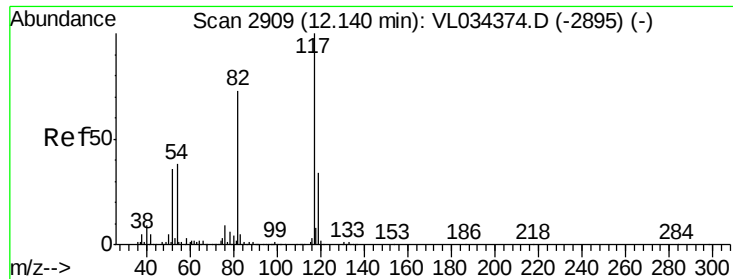
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#52
 Tetrachloroethene
 Concen: 15.608 ppbv
 RT: 11.27 min Scan# 2638
 Delta R.T. -0.01 min
 Lab File: VL034474.D
 Acq: 9 Dec 2019 21:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	101.7	152.5
129	109.7	82.6	123.8
131	102.9	85.2	127.8





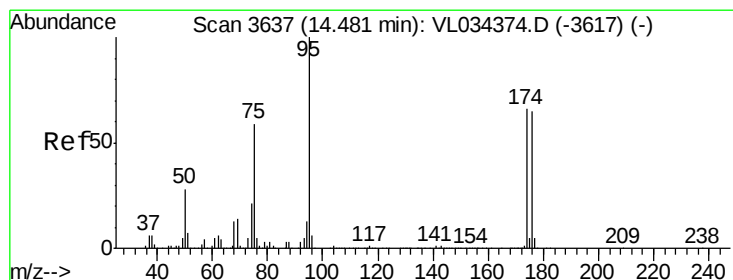
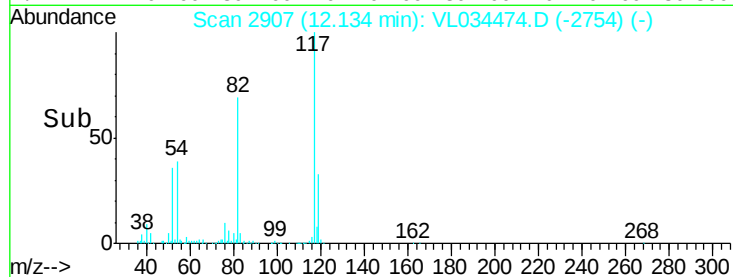
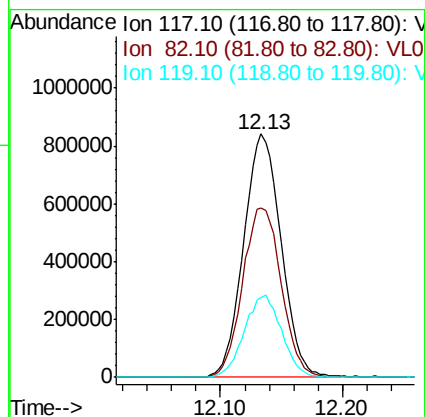
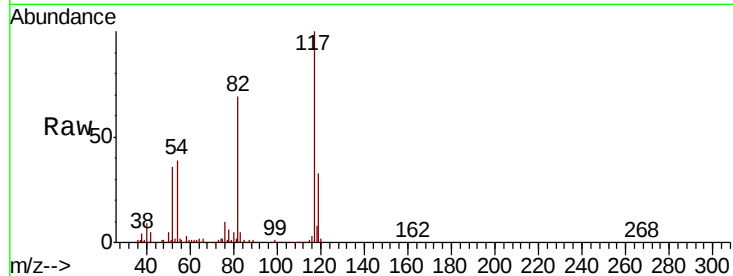
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL034474.D
Acq: 9 Dec 2019 21:27

Instrument :
MSVOA_L
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Tot Ion:117 Resp: 1783365
Ion Ratio Lower Upper
117 100
82 72.1 57.5 86.3
119 33.6 25.4 38.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.115 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. -0.01 min
Lab File: VL034474.D
Acq: 9 Dec 2019 21:27

Tgt Ion: 95 Resp: 1517490
Ion Ratio Lower Upper
95 100
174 64.6 52.2 78.2
175 4.7 3.8 5.8

