

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL123019\
 Data File : VL034523.D
 Acq On : 30 Dec 2019 22:28
 Operator : SY/AP
 Sample : K6388-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MIDDLE

Manual Integrations
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Quant Time: Dec 31 05:49:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 31 05:49:50 2019
 QLast Update : Mon Dec 30 14:58:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	955199	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1919943	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1899015	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1594016	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	6258m	0.143	ppbv	
13) Ethanol	3.60	45	3100m	0.255	ppbv	
15) Acetone	3.84	43	39572	0.284	ppbv	# 86

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

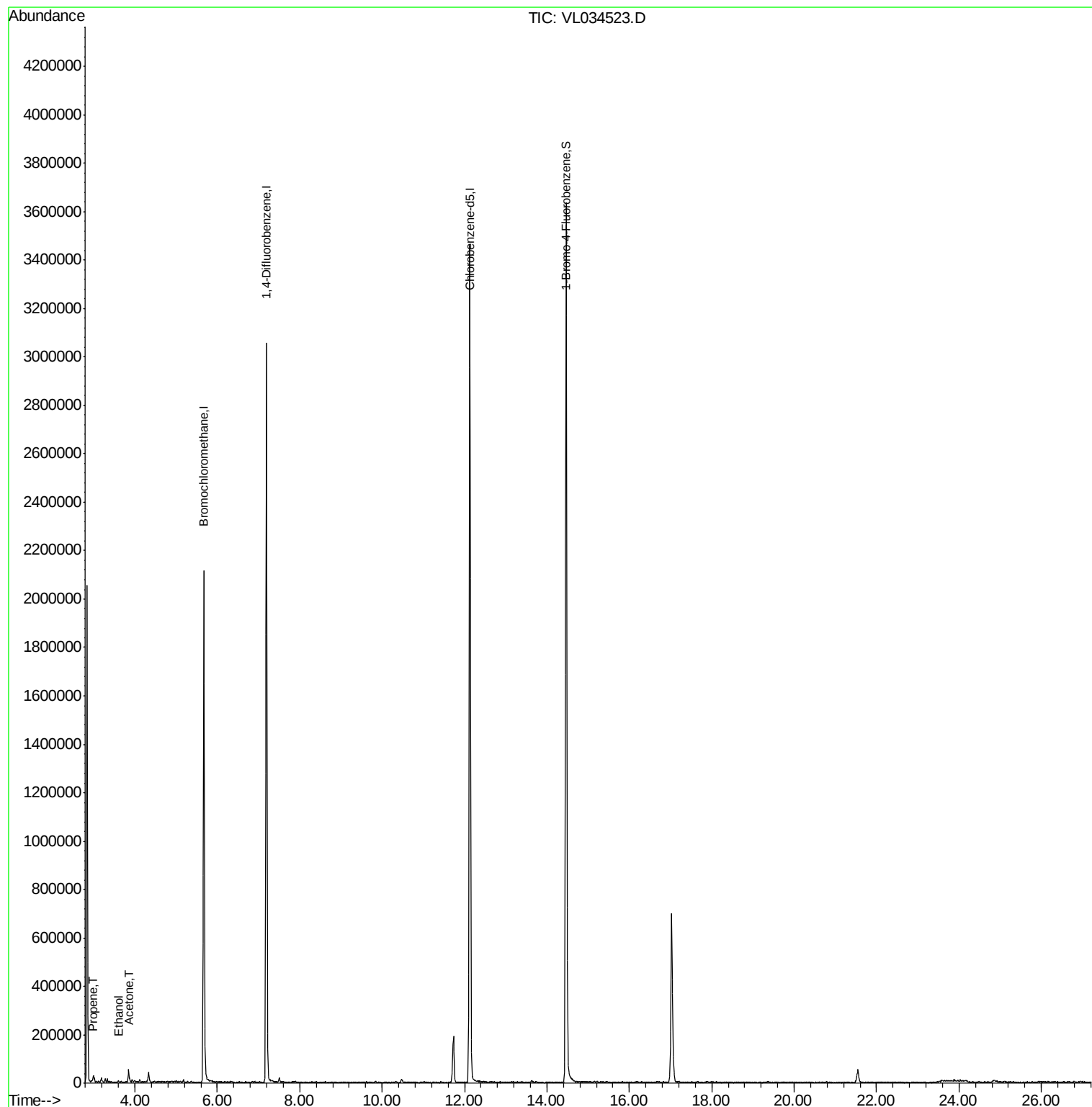
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL123019\
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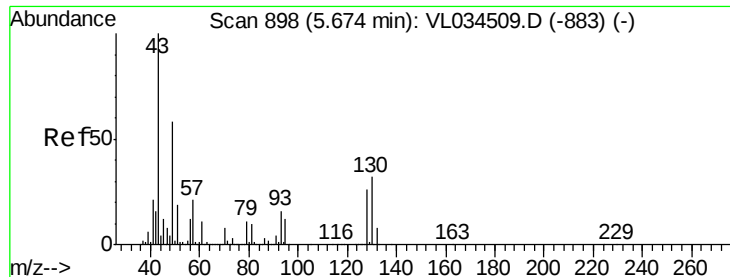
Instrument :
MSVOA_L
ClientSampleId :
MIDDLE

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Quant Time: Dec 31 05:49:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 30 14:58:50 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL034523.D

Acq: 30 Dec 2019 22:28

Instrument :

MSVOA_L

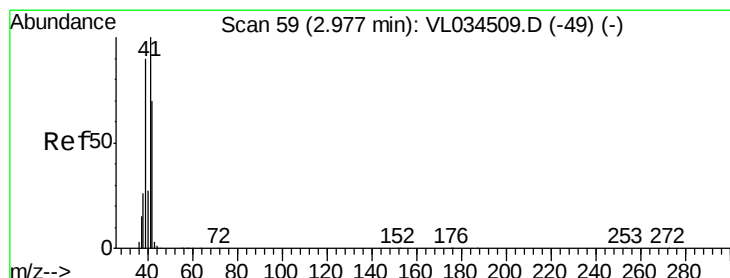
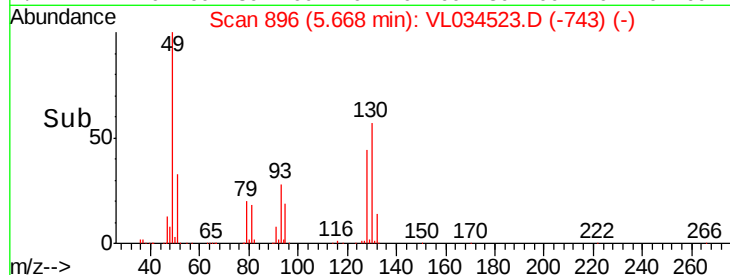
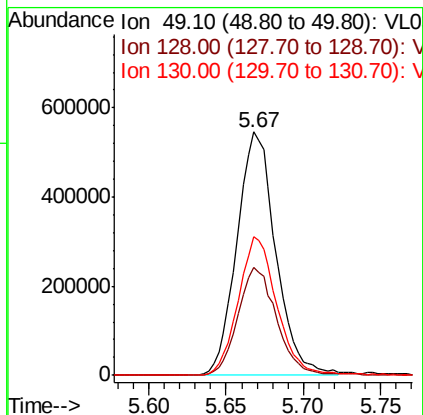
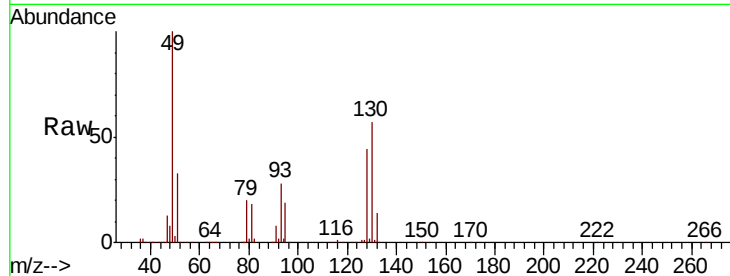
ClientSampled :

MIDDLE

Tot Ion:	49	Resp:	955199
Ion Ratio	Lower	Upper	
49	100		
128	44.5	22.4	67.2
130	57.1	28.3	85.0

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#9

Propene

Concen: 0.143 ppbv m

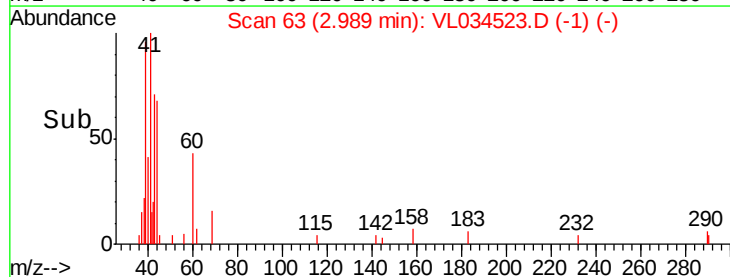
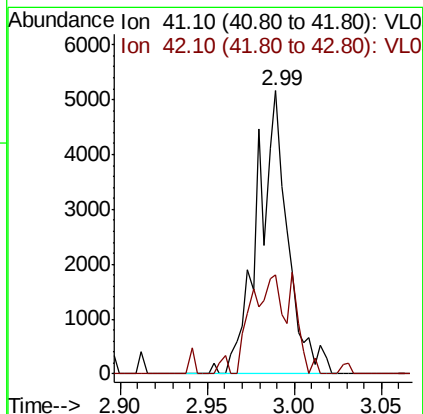
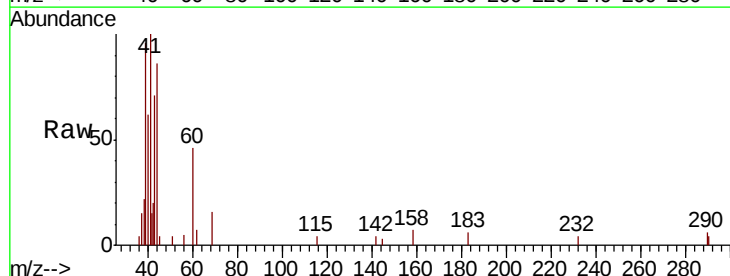
RT: 2.99 min Scan# 63

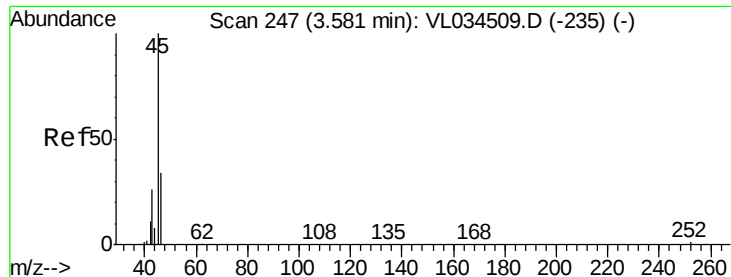
Delta R.T. 0.01 min

Lab File: VL034523.D

Acq: 30 Dec 2019 22:28

Tgt Ion:	41	Resp:	6258
Ion Ratio	Lower	Upper	
41	100		
42	0.0	55.8	83.6#





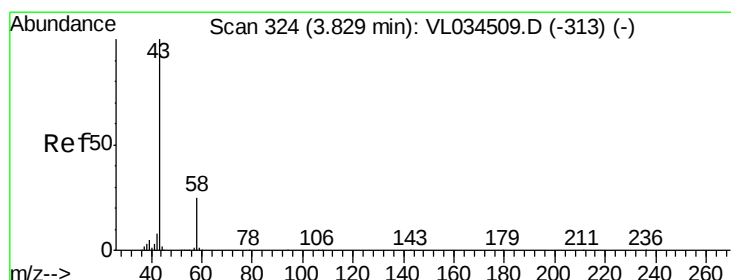
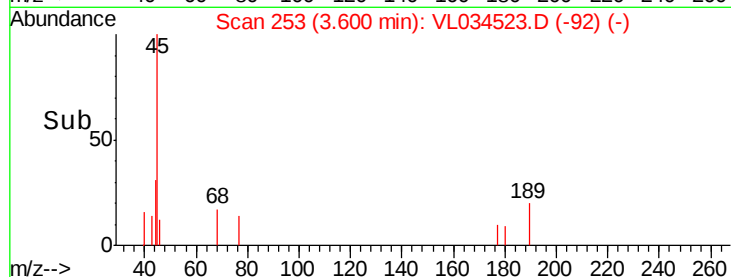
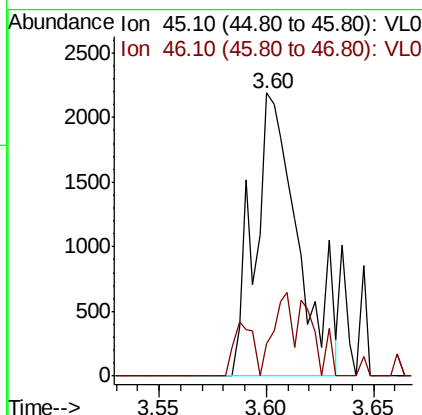
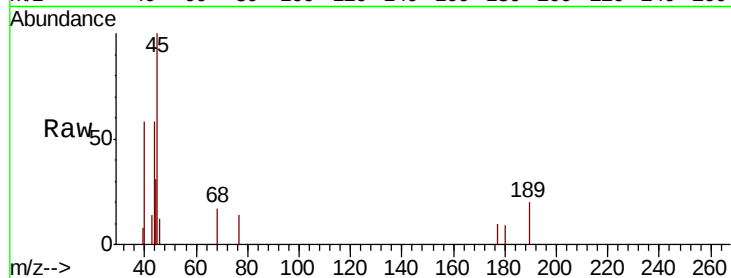
#13
Ethanol
Concen: 0.255 ppbv m
RT: 3.60 min Scan# 253
Delta R.T. 0.02 min
Lab File: VL034523.D
Acq: 30 Dec 2019 22:28

Instrument :
MSVOA_L
ClientSampleId :
MIDDLE

Tot Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.7#

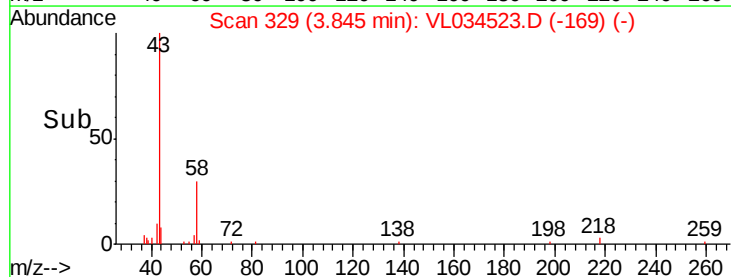
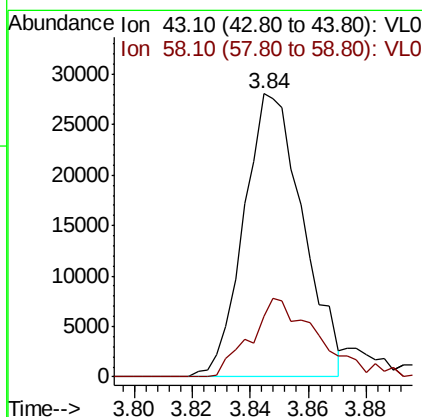
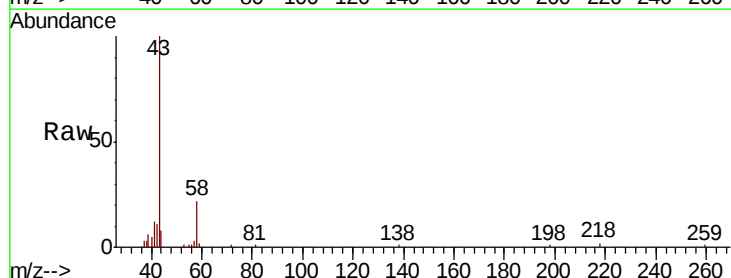
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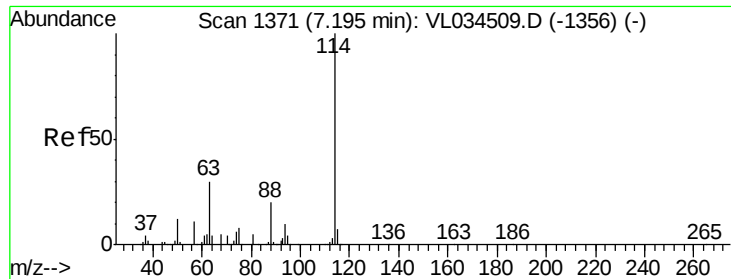
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#15
Acetone
Concen: 0.284 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.02 min
Lab File: VL034523.D
Acq: 30 Dec 2019 22:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	20.4	30.6#





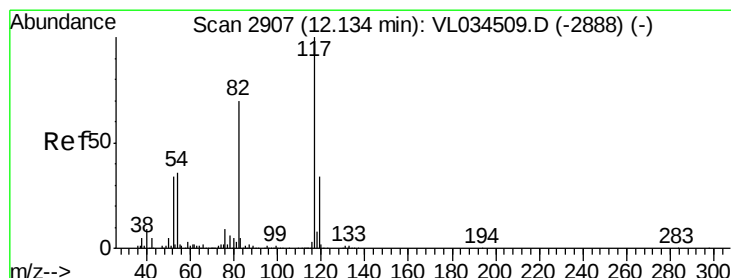
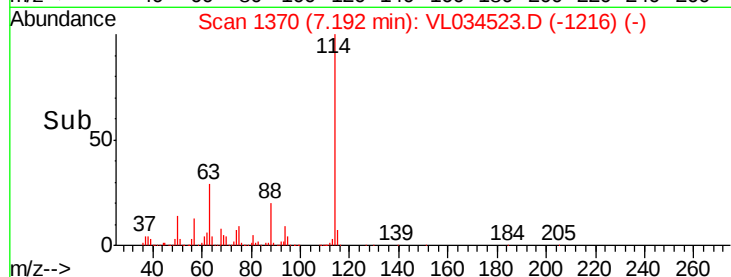
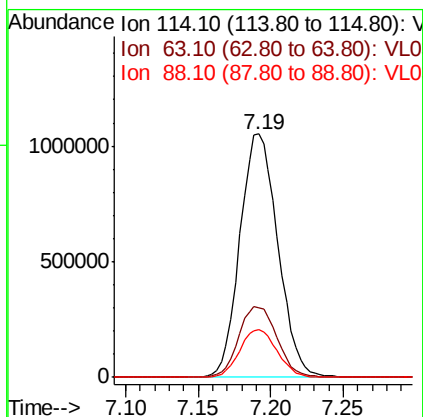
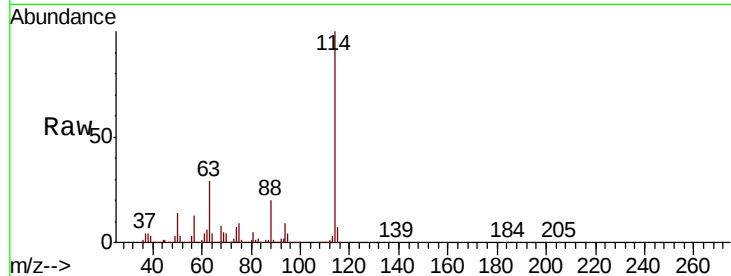
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: VL034523.D
 Acq: 30 Dec 2019 22:28

Instrument :
 MSVOA_L
 ClientSampled :
 MIDDLE

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.5	24.1	36.1
88	19.5	15.7	23.5

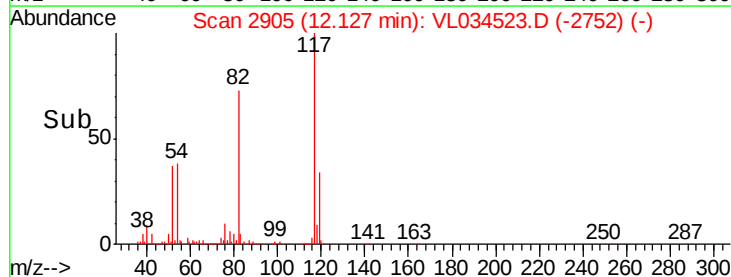
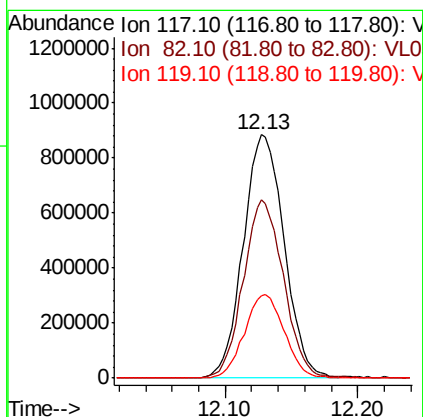
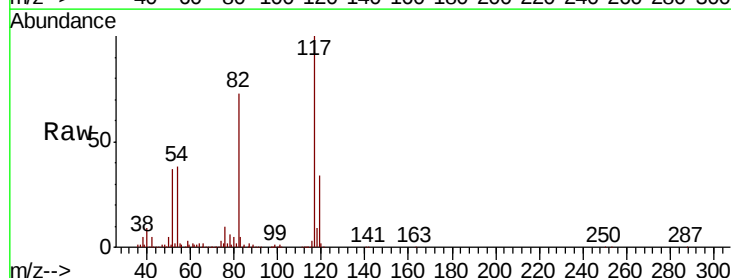
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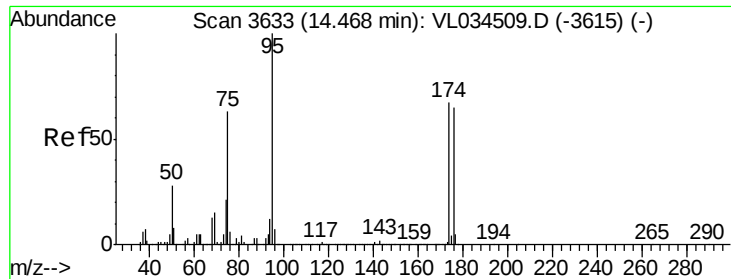
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.13 min Scan# 2905
 Delta R.T. -0.01 min
 Lab File: VL034523.D
 Acq: 30 Dec 2019 22:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	72.1	56.2	84.4
119	33.5	27.1	40.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.059 ppbv
 RT: 14.46 min Scan# 3632
 Delta R.T. -0.00 min
 Lab File: VL034523.D
 Acq: 30 Dec 2019 22:28

Instrument :
 MSVOA_L
 ClientSampleId :
 MIDDLE

Tot Ion	Ratio	Lower	Upper
95	100		
174	63.5	52.4	78.6
175	4.5	3.9	5.9

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