

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120319\
 Data File : VL034458.D
 Acq On : 3 Dec 2019 13:30
 Operator : SY/AP
 Sample : K6068-02DL2 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL2

Manual Integrations
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Quant Time: Dec 03 14:02:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:02:10 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	5.69	49	978905	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1912964	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	1929720	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1613732	9.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
31) cis-1,2-Dichloroethene	5.56	61	14443m	0.130	ppbv	
38) Trichloroethene	7.88	130	383865	4.892	ppbv	98
52) Tetrachloroethene	11.28	164	18231m	0.220	ppbv	

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

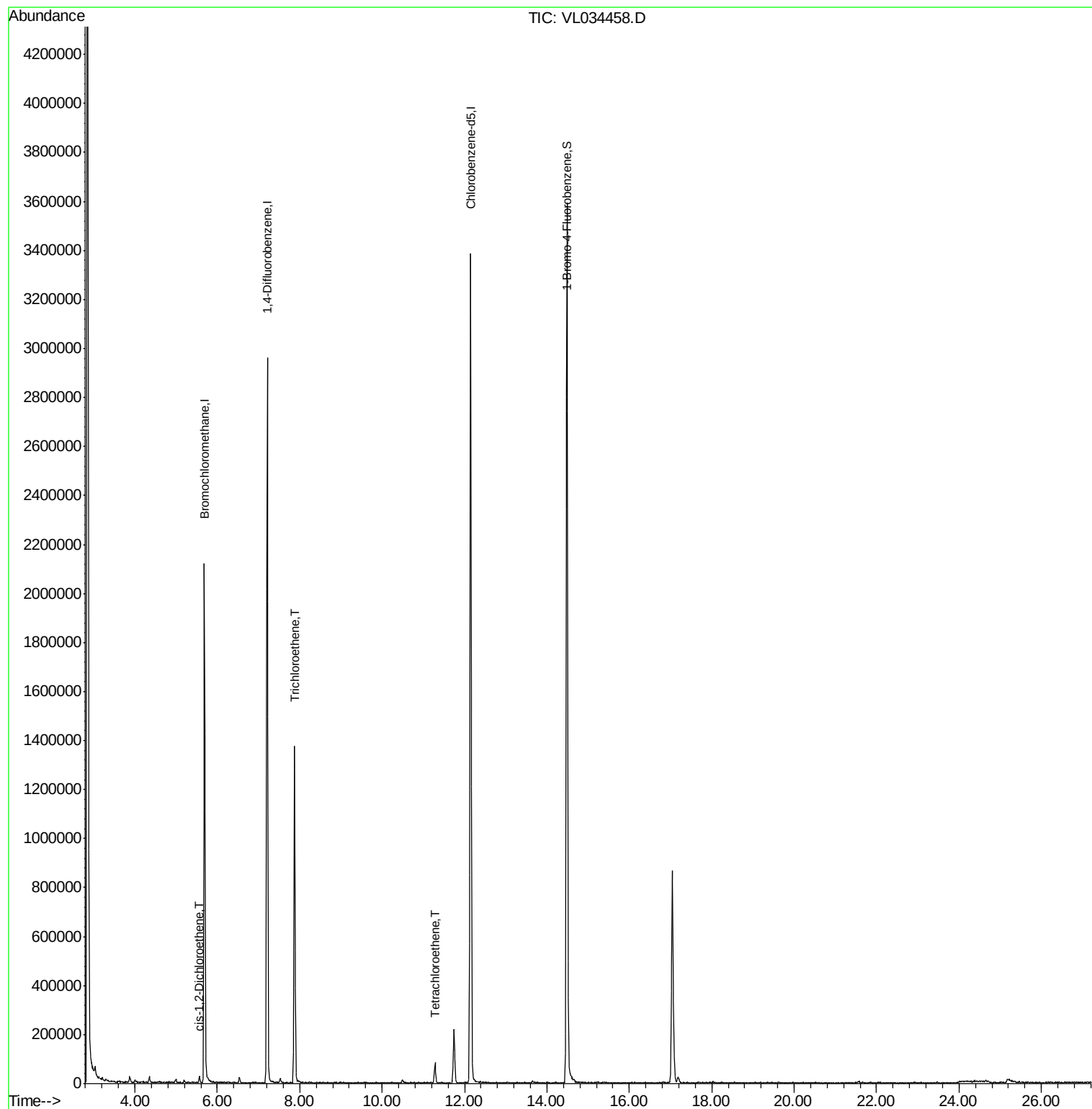
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120319\
Data File : VL034458.D
Acq On : 3 Dec 2019 13:30
Operator : SY/AP
Sample : K6068-02DL2 1200X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

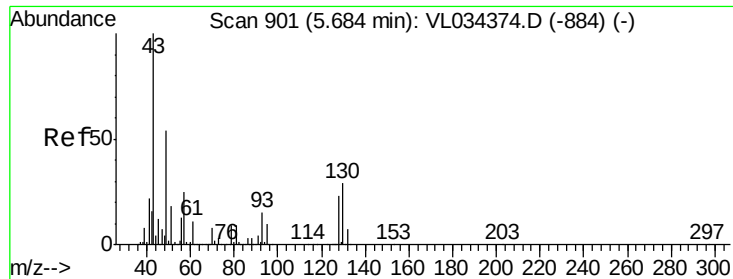
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL2

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Quant Time: Dec 03 14:02:10 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: 5.69 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL034458.D

Acq: 3 Dec 2019 13:30

Instrument :

MSVOA_L

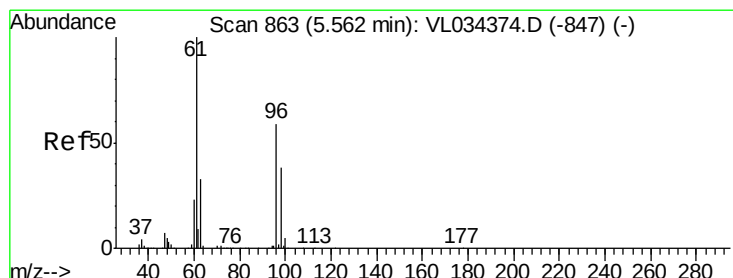
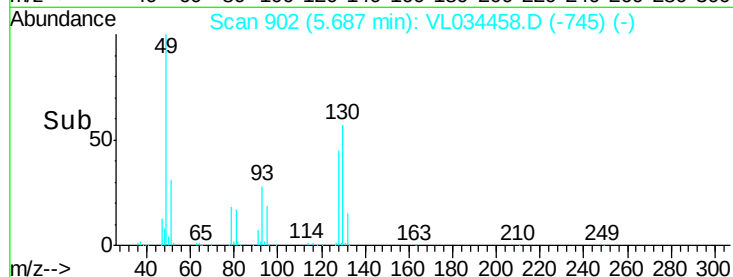
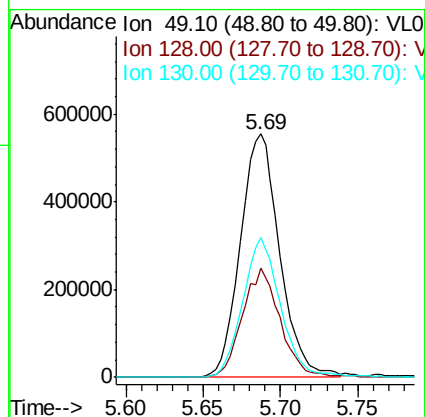
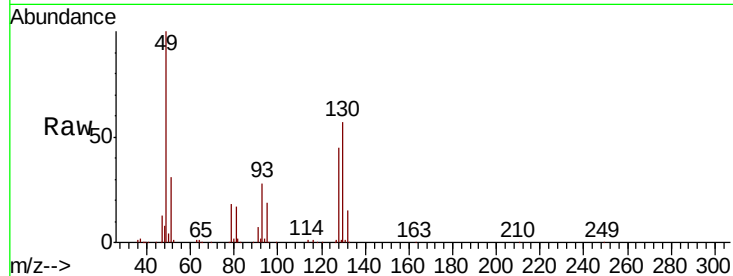
ClientSampled :

SV-2DL2

Tot Ion:	49	Resp:	978905
Ion	Ratio	Lower	Upper
49	100		
128	43.6	21.8	65.3
130	55.8	28.0	84.0

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#31

cis-1,2-Dichloroethene

Concen: 0.130 ppbv m

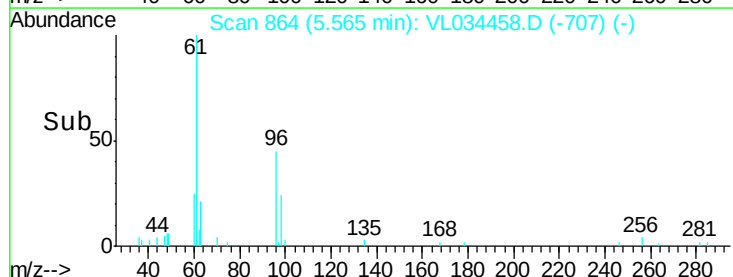
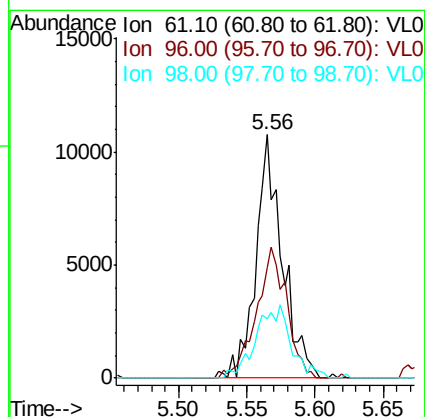
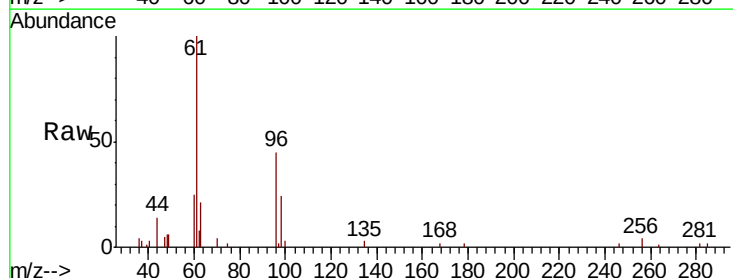
RT: 5.56 min Scan# 864

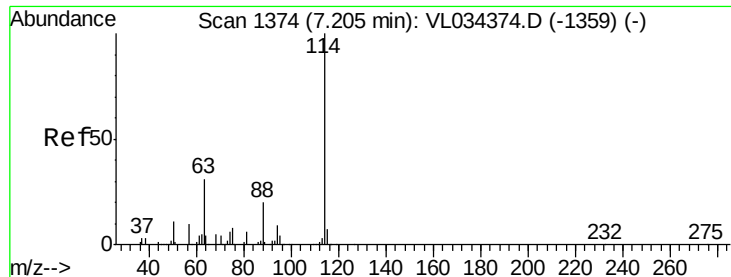
Delta R.T. 0.00 min

Lab File: VL034458.D

Acq: 3 Dec 2019 13:30

Tgt Ion:	61	Resp:	14443
Ion	Ratio	Lower	Upper
61	100		
96	45.2	47.4	71.2#
98	24.1	30.6	45.8#





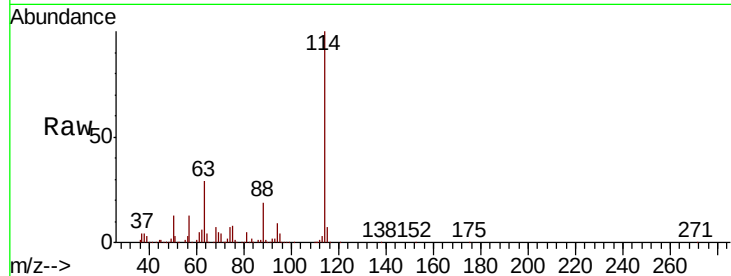
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VL034458.D
Acq: 3 Dec 2019 13:30

Instrument :
MSVOA_L
ClientSampled :
SV-2DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.8	24.2	36.4
88	19.6	15.9	23.9

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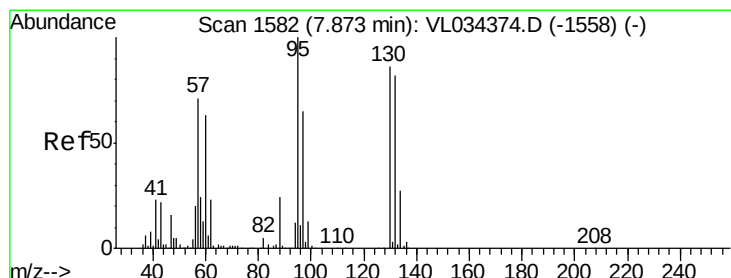
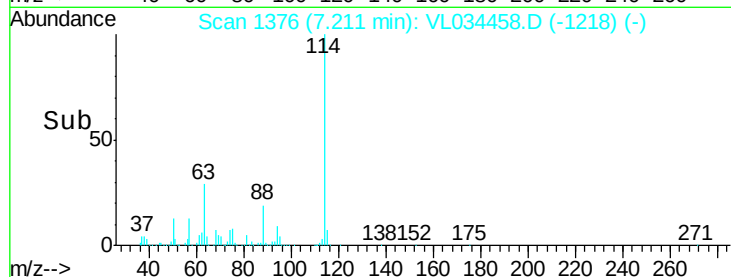
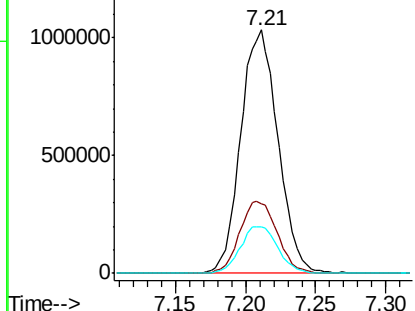
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Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#38
Trichloroethene
Concen: 4.892 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VL034458.D
Acq: 3 Dec 2019 13:30

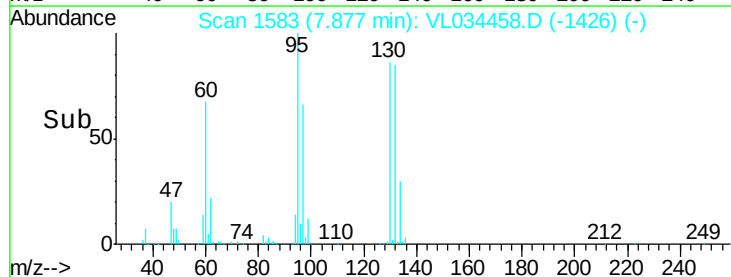
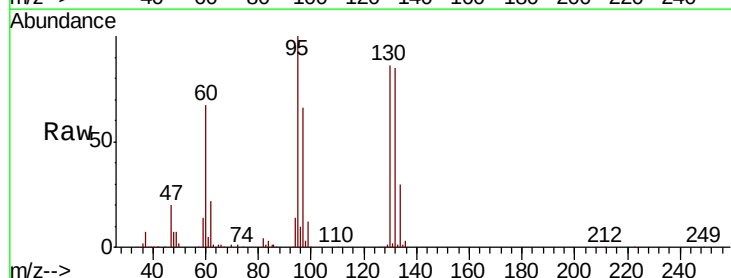
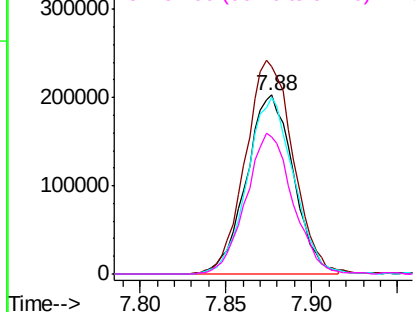
Tgt Ion	Ratio	Lower	Upper
130	100		
95	116.1	93.4	140.0
132	99.1	76.4	114.6
97	76.8	61.1	91.7

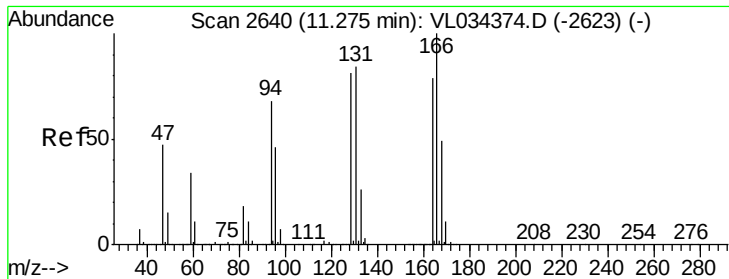
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0





#52

Tetrachloroethene

Concen: 0.220 ppbv m

RT: 11.28 min Scan# 2642

Delta R.T. 0.01 min

Lab File: VL034458.D

Acq: 3 Dec 2019 13:30

Instrument :

MSVOA_L

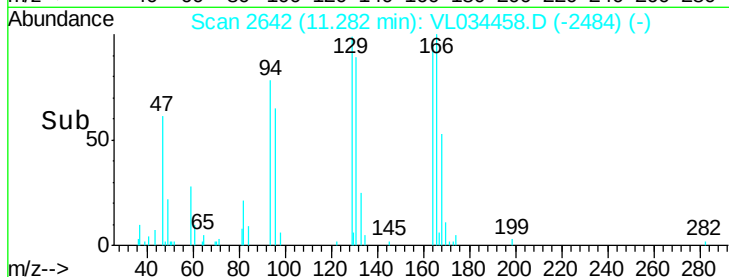
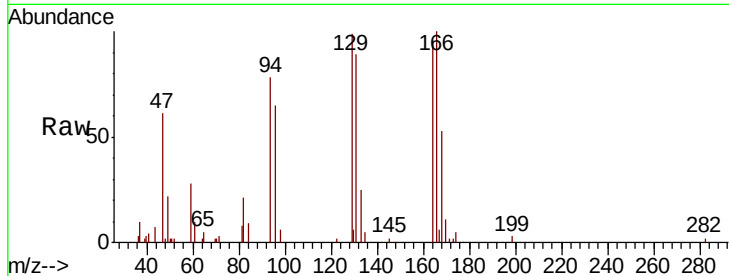
ClientSampleId :

SV-2DL2

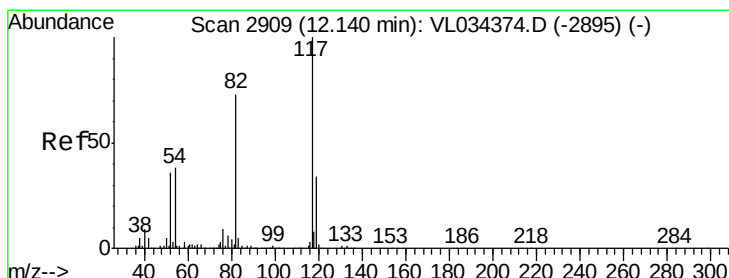
Tot Ion:	164	Resp:	18231
Ion Ratio	Lower	Upper	
164	100		
166	103.6	101.7	152.5
129	102.6	82.6	123.8
131	92.0	85.2	127.8

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Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

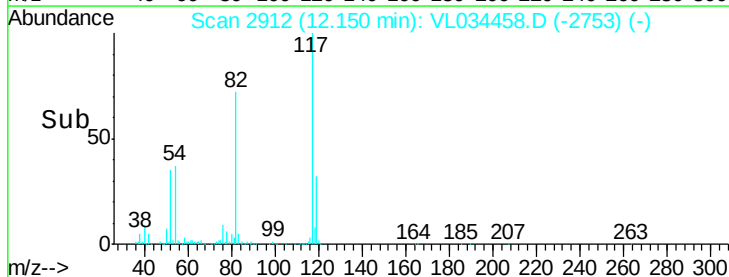
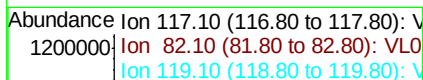
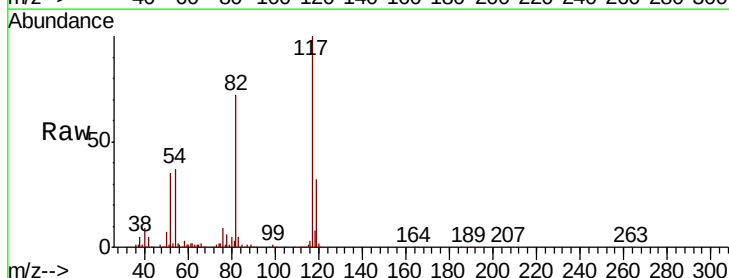
RT: 12.15 min Scan# 2912

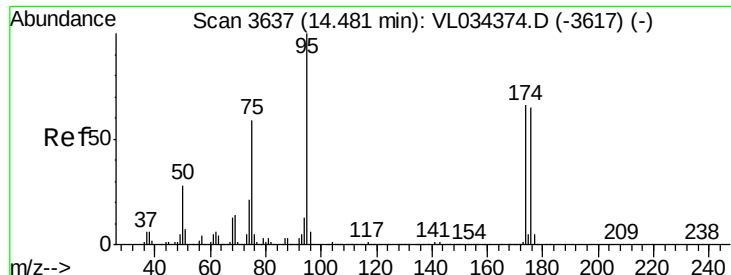
Delta R.T. 0.01 min

Lab File: VL034458.D

Acq: 3 Dec 2019 13:30

Tgt Ion:	117	Resp:	1929720
Ion Ratio	Lower	Upper	
117	100		
82	72.4	57.5	86.3
119	32.6	25.4	38.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.940 ppbv
 RT: 14.49 min Scan# 3639
 Delta R.T. 0.01 min
 Lab File: VL034458.D
 Acq: 3 Dec 2019 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL2

Tot Ion: 95 Resp: 1613732
 Ion Ratio Lower Upper
 95 100
 174 65.6 52.2 78.2
 175 4.7 3.8 5.8

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