

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120319\
 Data File : VL034457.D
 Acq On : 3 Dec 2019 12:52
 Operator : SY/AP
 Sample : K6068-03DL2 200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3DL2

Manual Integrations
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Quant Time: Dec 03 13:39:15 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 14:15:35 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	5.69	49	1010793	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1991393	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	1985708	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1666856	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
31) cis-1,2-Dichloroethene	5.56	61	25227m	0.220	ppbv	
38) Trichloroethene	7.87	130	453362	5.550	ppbv	99
52) Tetrachloroethene	11.28	164	54146	0.629	ppbv	91

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

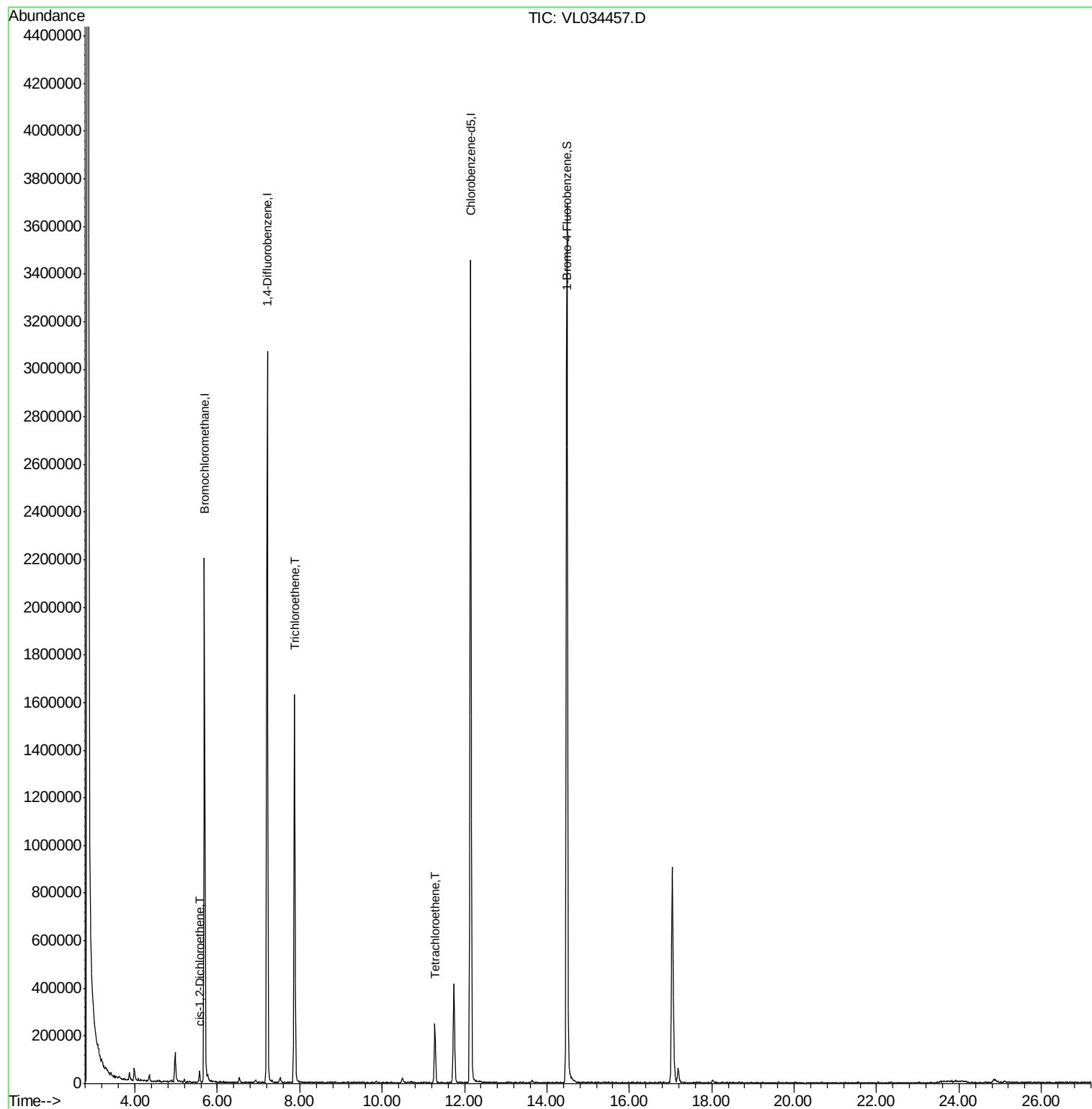
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Data File : VL034457.D
Acq On : 3 Dec 2019 12:52
Operator : SY/AP
Sample : K6068-03DL2 200X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

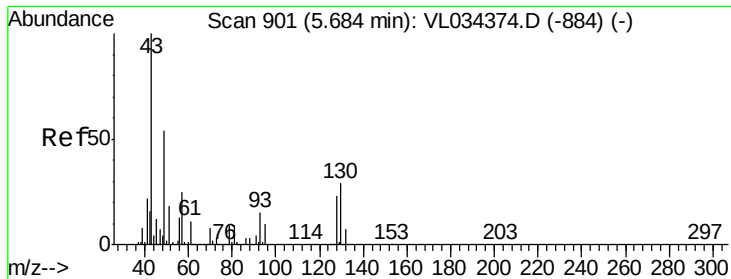
Instrument :
MSVOA_L
ClientSampleId :
SV-3DL2

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Quant Time: Dec 03 13:39:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue 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: VL034457.D

Acq: 3 Dec 2019 12:52

Instrument :

MSVOA_L

ClientSampled :

SV-3DL2

Tot Ion: 49 Resp: 1010793

Ion Ratio Lower Upper

49 100

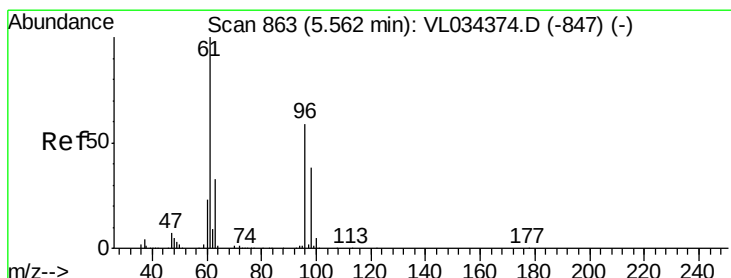
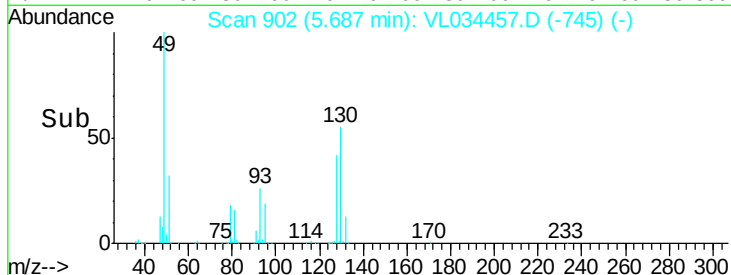
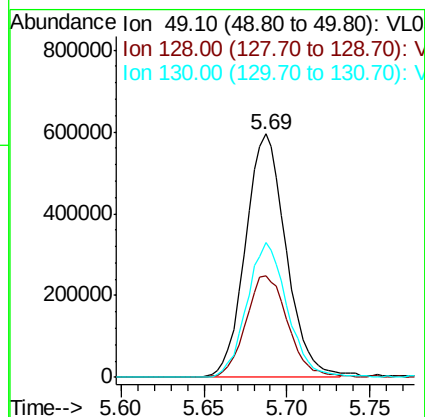
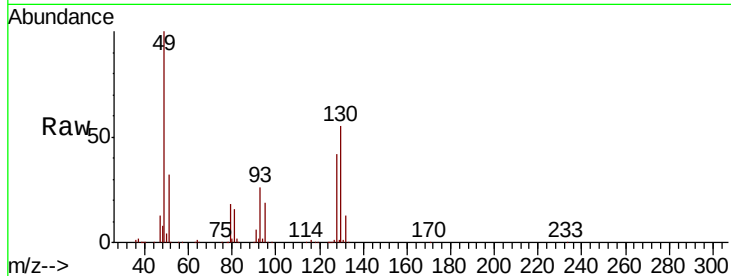
128 43.7 21.8 65.3

130 55.9 28.0 84.0

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#31

cis-1,2-Dichloroethene

Concen: 0.220 ppbv m

RT: 5.56 min Scan# 863

Delta R.T. 0.00 min

Lab File: VL034457.D

Acq: 3 Dec 2019 12:52

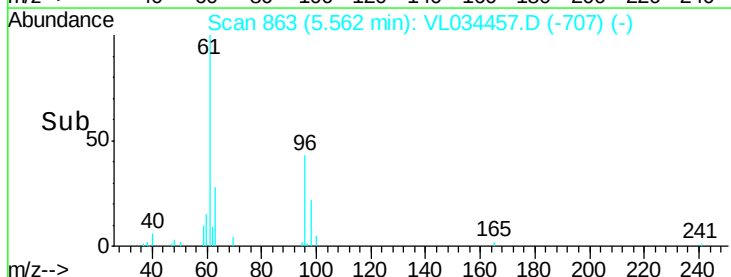
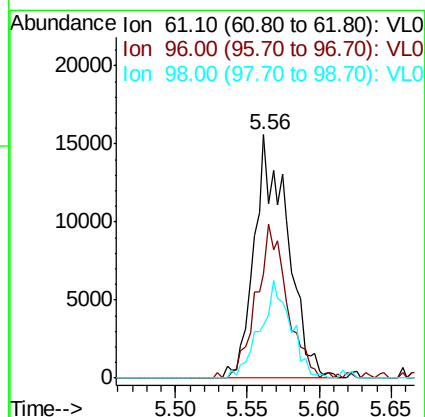
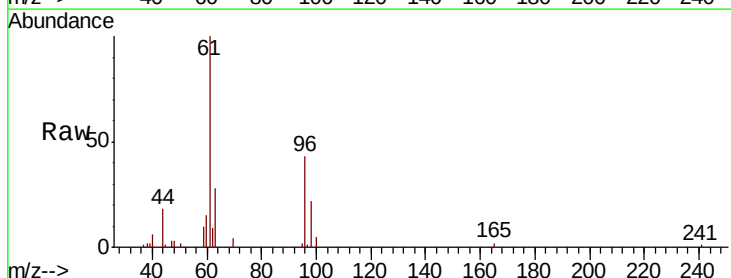
Tgt Ion: 61 Resp: 25227

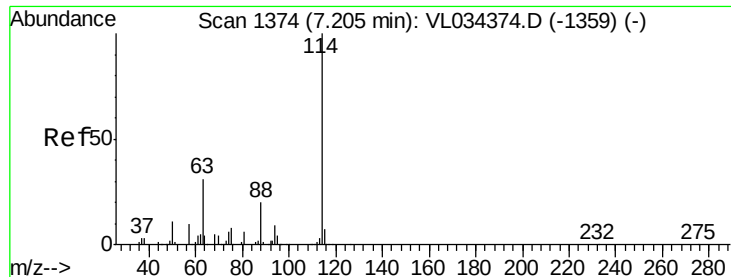
Ion Ratio Lower Upper

61 100

96 42.5 47.4 71.2#

98 21.6 30.6 45.8#





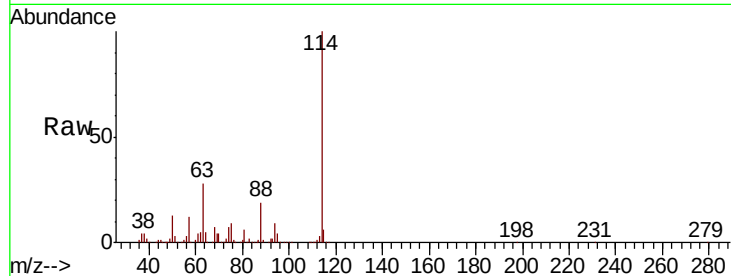
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VL034457.D
Acq: 3 Dec 2019 12:52

Instrument :
MSVOA_L
ClientSampled :
SV-3DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.7	24.2	36.4
88	19.7	15.9	23.9

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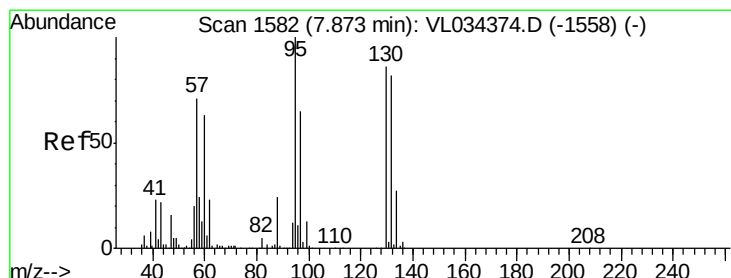
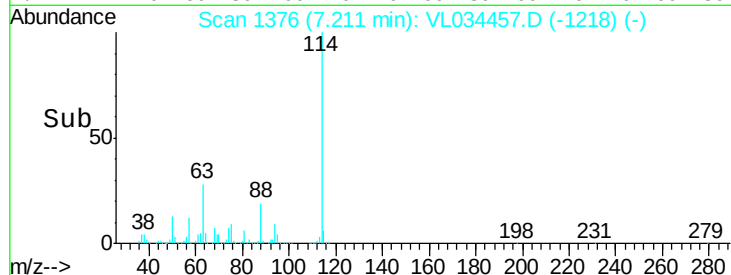
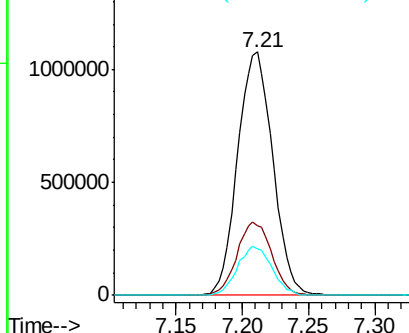


Abundance

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: 5.550 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VL034457.D
Acq: 3 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	115.9	93.4	140.0
132	93.3	76.4	114.6
97	77.8	61.1	91.7

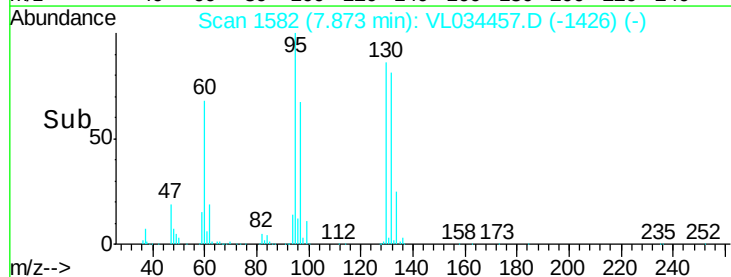
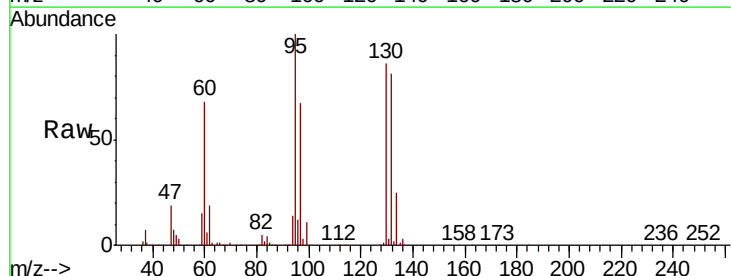
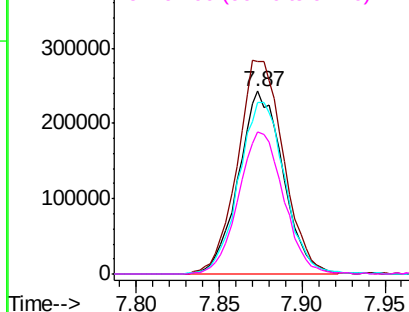
Abundance

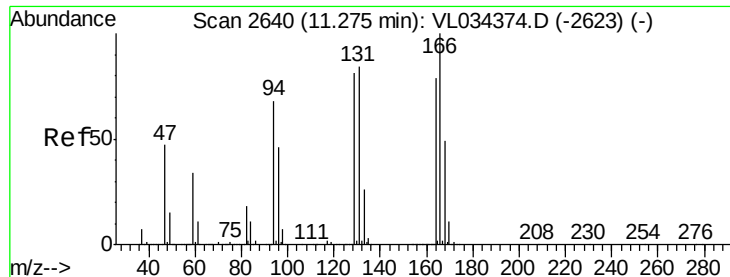
Ion 130.00 (129.70 to 130.70): V

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





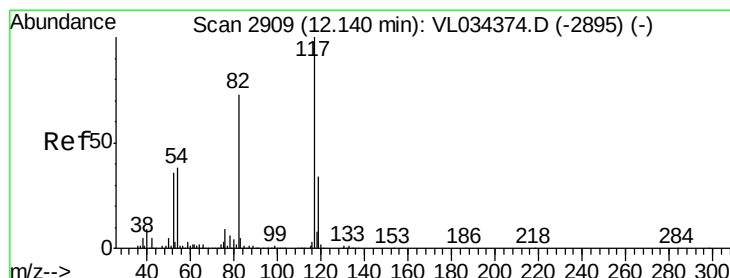
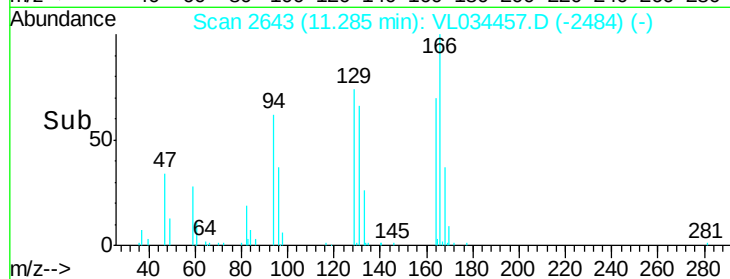
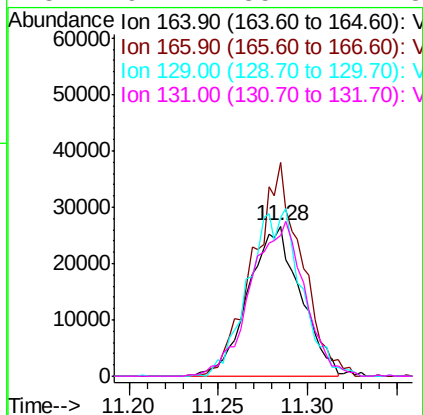
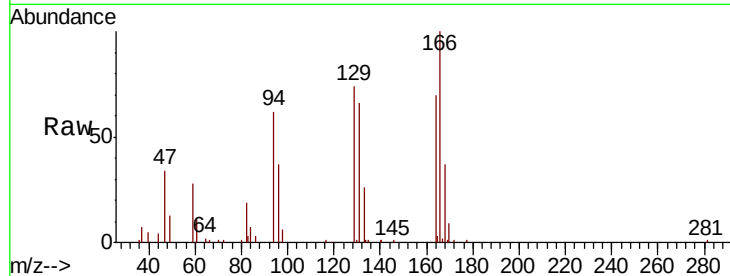
#52
Tetrachloroethene
Concen: 0.629 ppbv
RT: 11.28 min Scan# 2643
Delta R.T. 0.01 min
Lab File: VL034457.D
Acq: 3 Dec 2019 12:52

Instrument :
MSVOA_L
ClientSampled :
SV-3DL2

Tot Ion	Ratio	Lower	Upper
164	100		
166	141.2	101.7	152.5
129	105.3	82.6	123.8
131	92.7	85.2	127.8

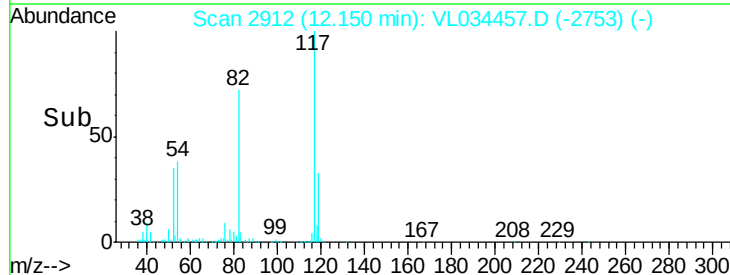
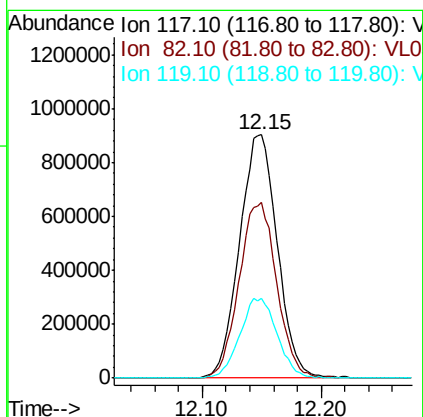
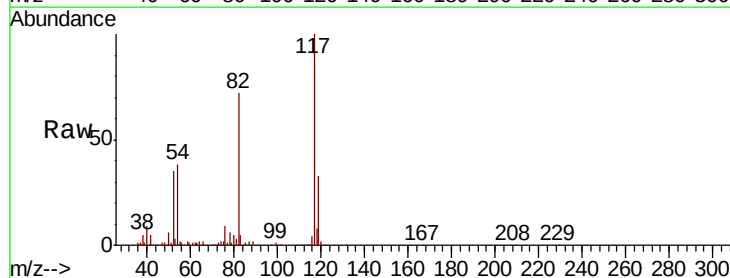
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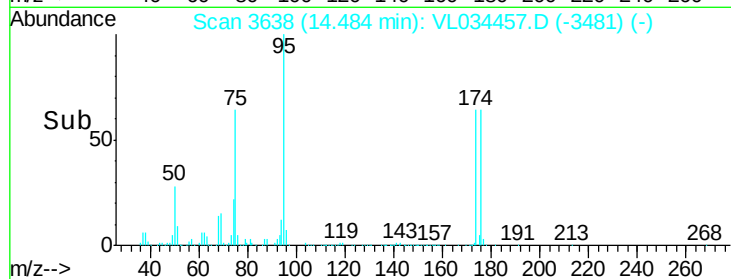
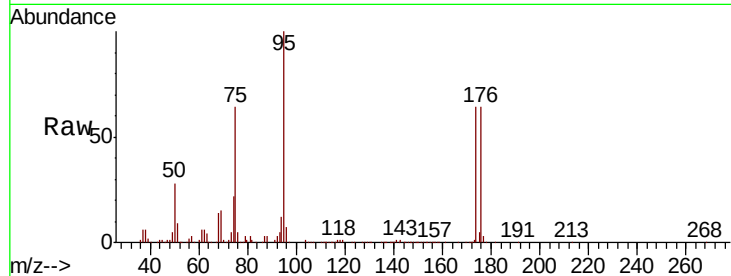
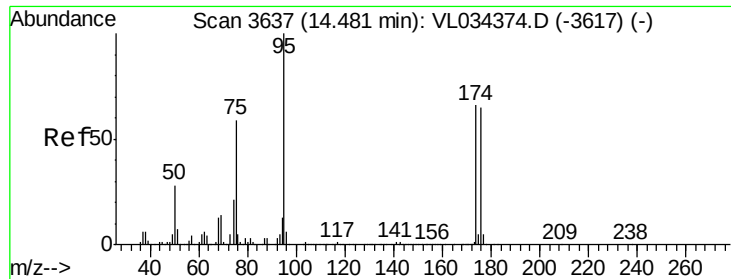
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. 0.01 min
Lab File: VL034457.D
Acq: 3 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	72.3	57.5	86.3
119	32.5	25.4	38.2





#68

1-Bromo-4-Fluorobenzene

Concen: 9.978 ppbv

RT: 14.48 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VL034457.D

Acq: 3 Dec 2019 12:52

Tot Ion: 95 Resp: 1666856

Ion Ratio Lower Upper

95 100

174 64.6 52.2 78.2

175 4.9 3.8 5.8

Instrument :

MSVOA_L

ClientSampleId :

SV-3DL2

Manual Integrations

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