

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120319\
 Data File : VL034460.D
 Acq On : 3 Dec 2019 14:46
 Operator : SY/AP
 Sample : K6068-02DL2 600X
 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 15:18:27 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	975869	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1896091	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	1898348	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1595480	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
31) cis-1,2-Dichloroethene	5.56	61	25551	0.231	ppbv	91
32) 1,1,1-Trichloroethane	6.54	97	22015m	0.135	ppbv	
38) Trichloroethene	7.87	130	685833	8.817	ppbv	97
52) Tetrachloroethene	11.27	164	28350m	0.346	ppbv	

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

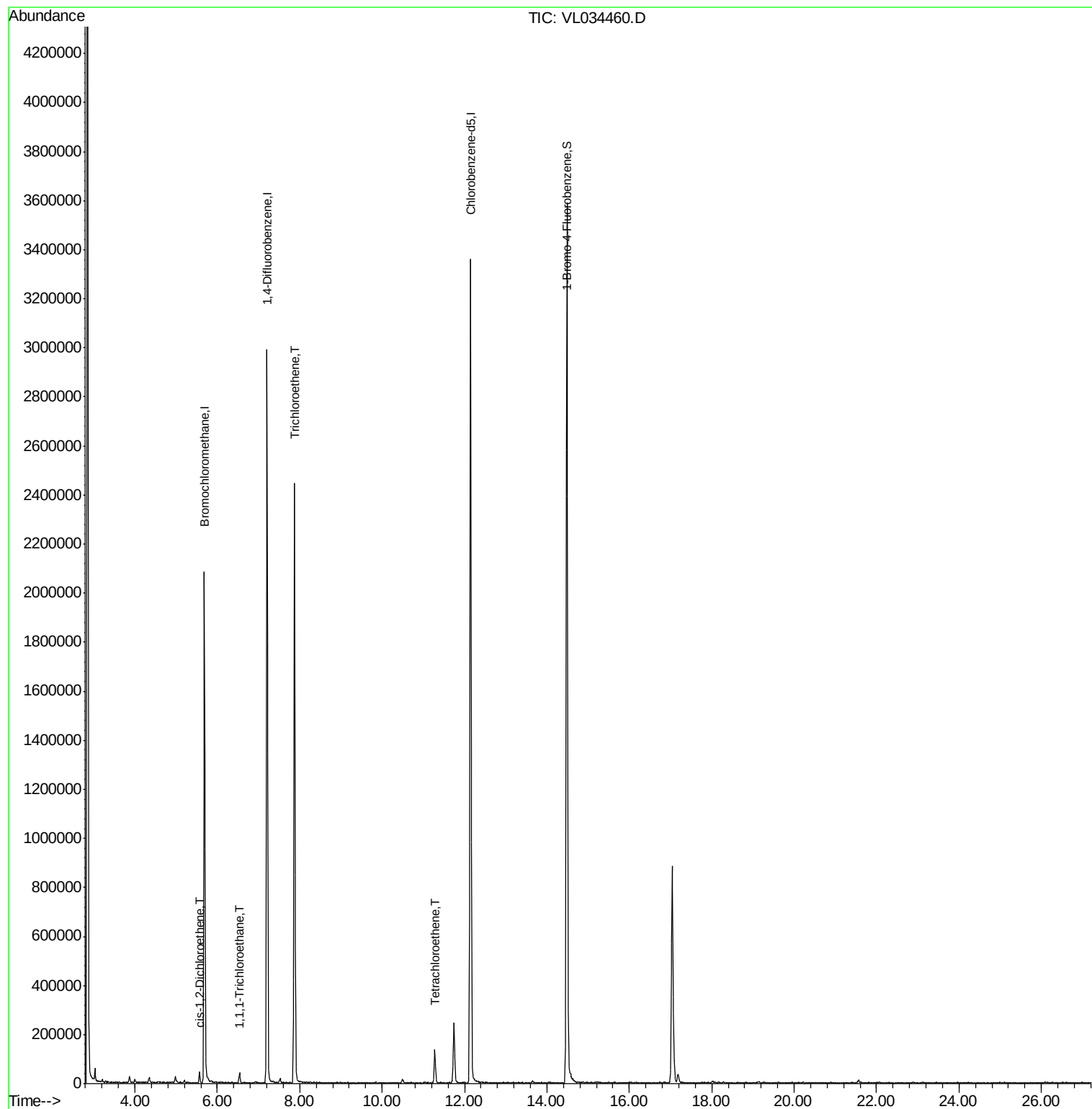
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Data File : VL034460.D
Acq On : 3 Dec 2019 14:46
Operator : SY/AP
Sample : K6068-02DL2 600X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

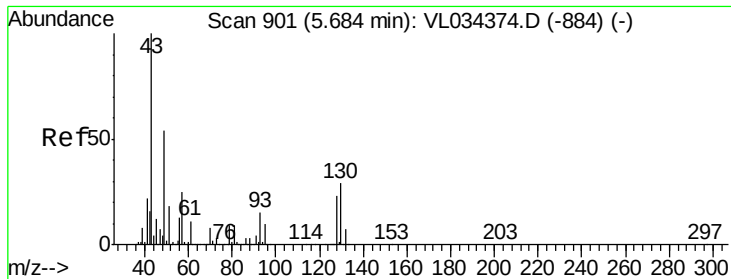
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL2

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Quant Time: Dec 03 15:18:27 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: VL034460.D

Acq: 3 Dec 2019 14:46

Instrument :

MSVOA_L

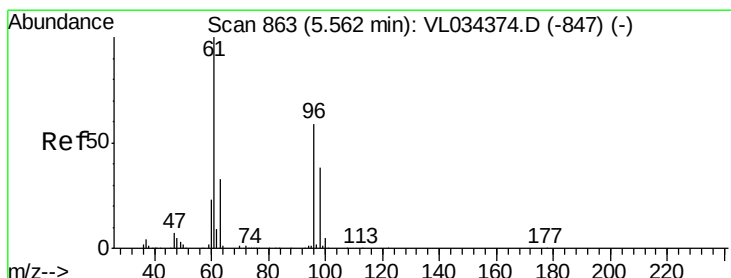
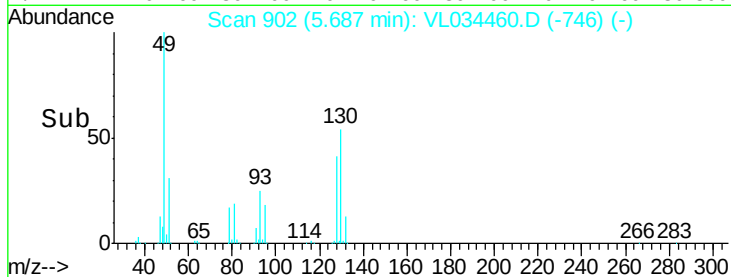
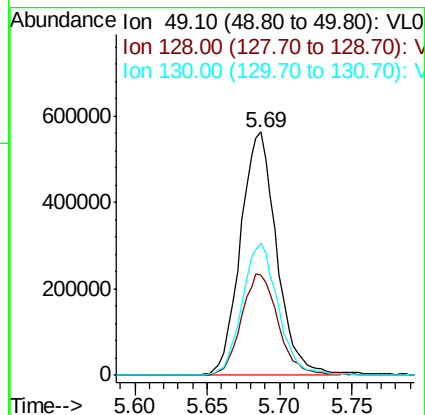
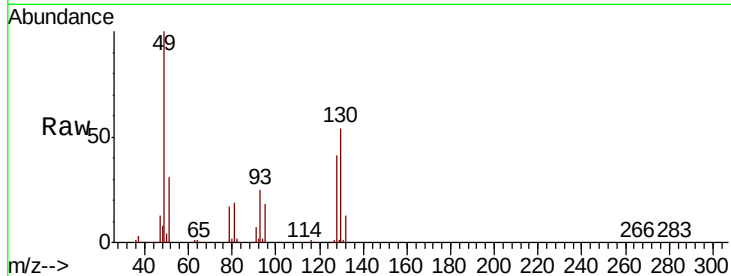
ClientSampled :

SV-2DL2

Tot Ion:	49	Resp:	975869
Ion	Ratio	Lower	Upper
49	100		
128	42.9	21.8	65.3
130	54.4	28.0	84.0

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#31

cis-1,2-Dichloroethene

Concen: 0.231 ppbv

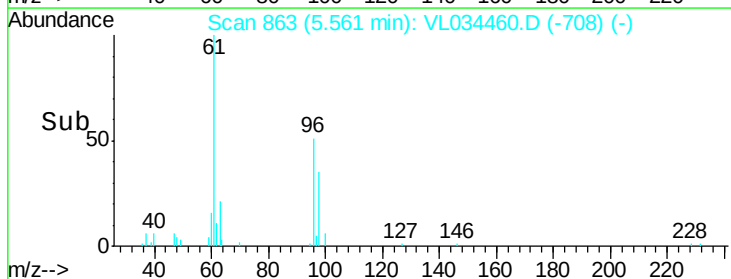
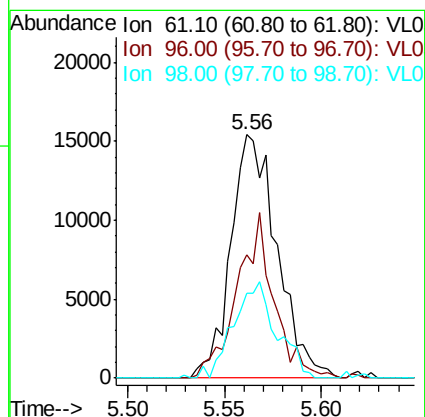
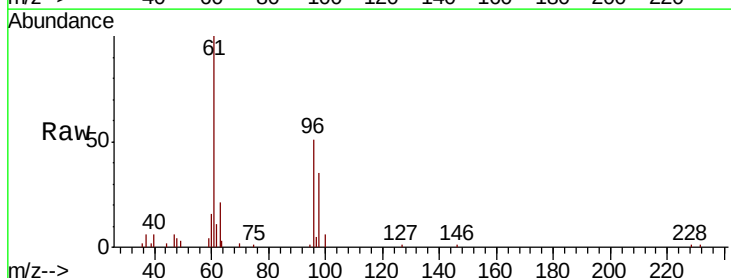
RT: 5.56 min Scan# 863

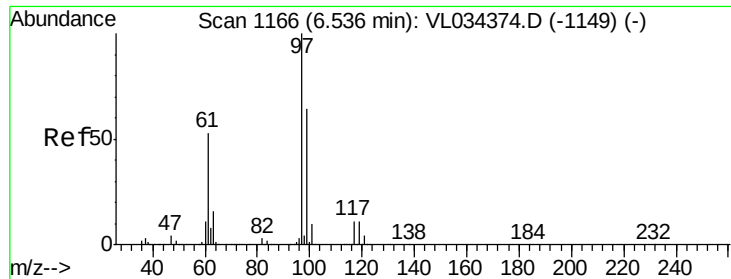
Delta R.T. -0.00 min

Lab File: VL034460.D

Acq: 3 Dec 2019 14:46

Tgt Ion:	61	Resp:	25551
Ion	Ratio	Lower	Upper
61	100		
96	50.8	47.4	71.2
98	34.6	30.6	45.8





#32

1,1,1-Trichloroethane

Concen: 0.135 ppbv m

RT: 6.54 min Scan# 1168

Delta R.T. 0.01 min

Lab File: VL034460.D

Acq: 3 Dec 2019 14:46

Instrument :

MSVOA_L

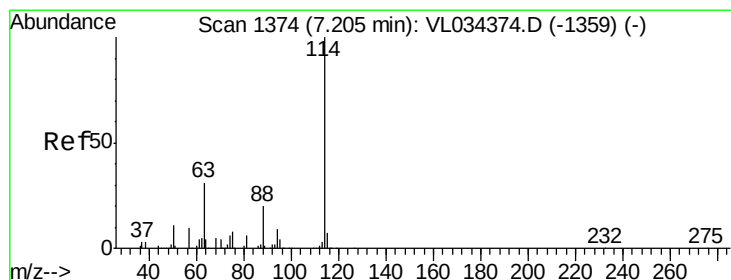
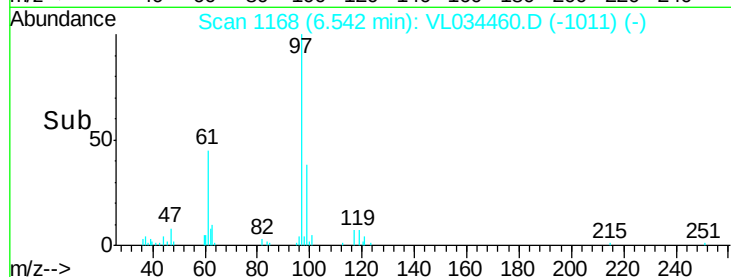
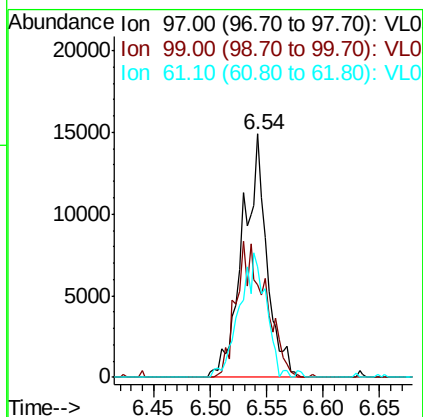
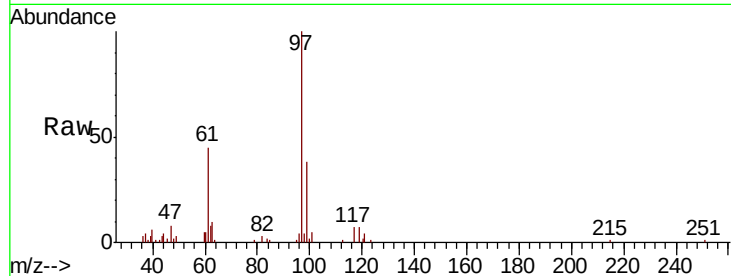
ClientSampleId :

SV-2DL2

Tot Ion:	97	Resp:	22015
Ion Ratio	Lower	Upper	
97	100		
99	0.0	52.3	78.5#
61	56.6	43.7	65.5

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

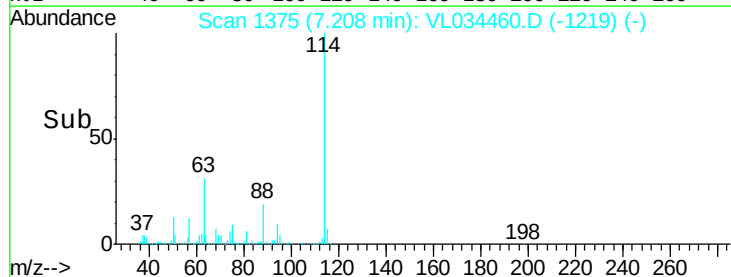
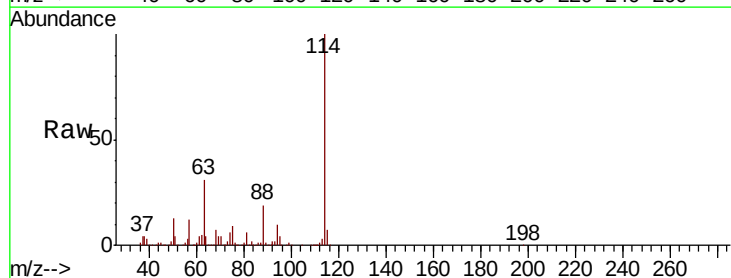
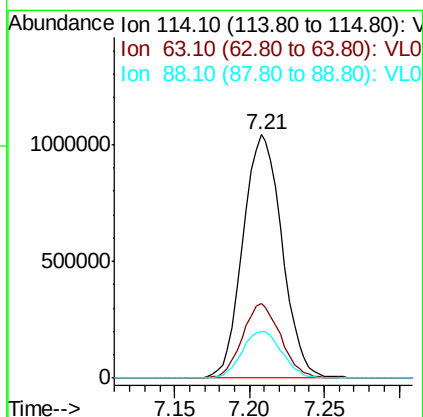
RT: 7.21 min Scan# 1375

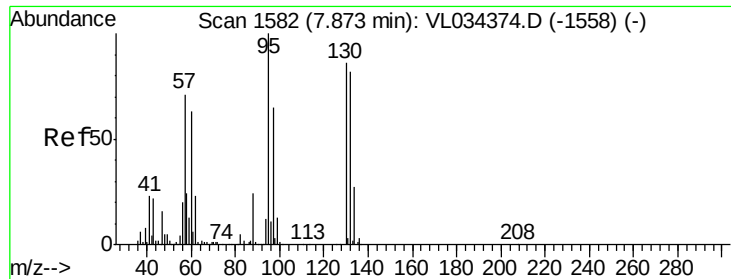
Delta R.T. 0.00 min

Lab File: VL034460.D

Acq: 3 Dec 2019 14:46

Tgt Ion:	114	Resp:	1896091
Ion Ratio	Lower	Upper	
114	100		
63	30.0	24.2	36.4
88	19.7	15.9	23.9





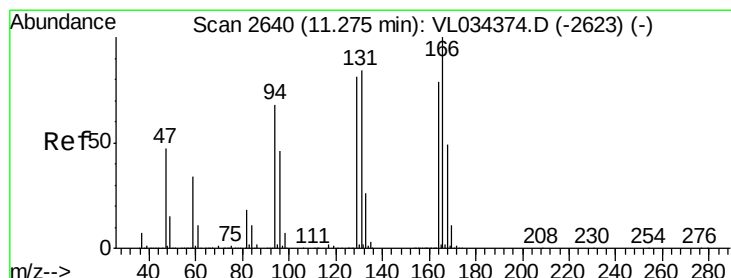
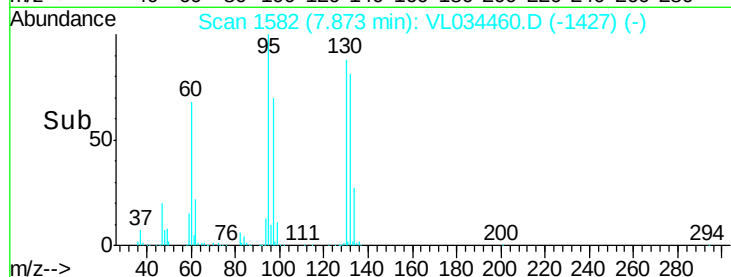
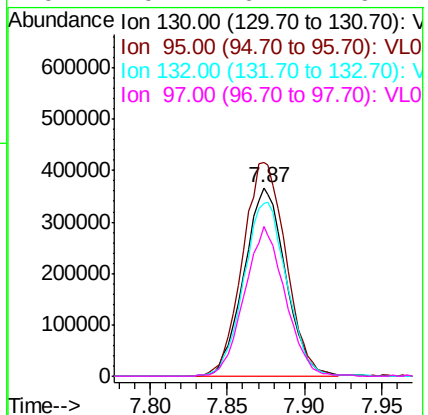
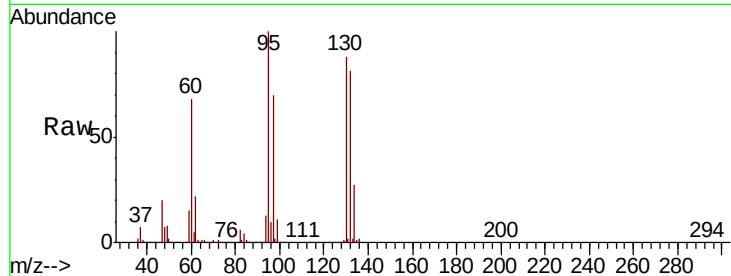
#38
 Trichloroethene
 Concen: 8.817 ppbv
 RT: 7.87 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VL034460.D
 Acq: 3 Dec 2019 14:46

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL2

Tot Ion	Ratio	Lower	Upper
130	100		
95	113.4	93.4	140.0
132	92.1	76.4	114.6
97	79.7	61.1	91.7

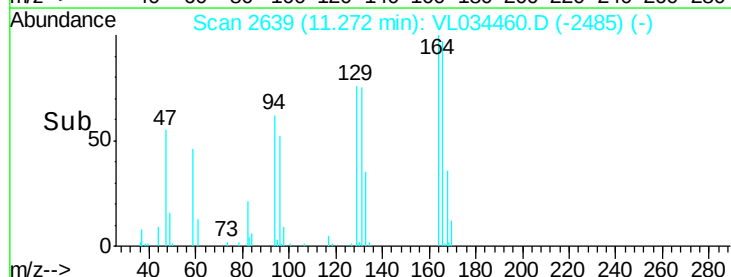
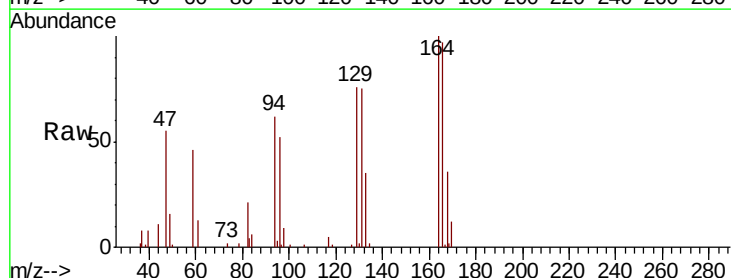
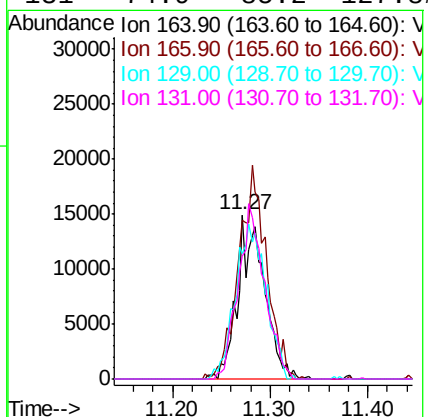
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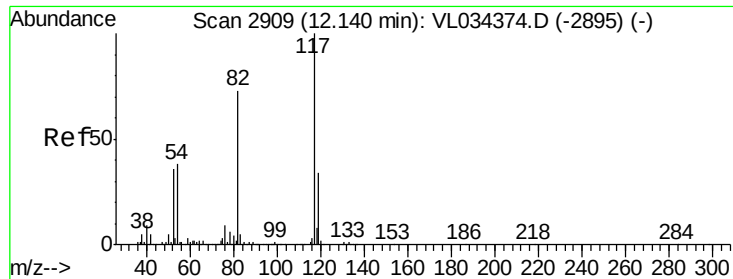
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#52
 Tetrachloroethene
 Concen: 0.346 ppbv m
 RT: 11.27 min Scan# 2639
 Delta R.T. -0.00 min
 Lab File: VL034460.D
 Acq: 3 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	96.6	101.7	152.5#
129	76.2	82.6	123.8#
131	74.9	85.2	127.8#





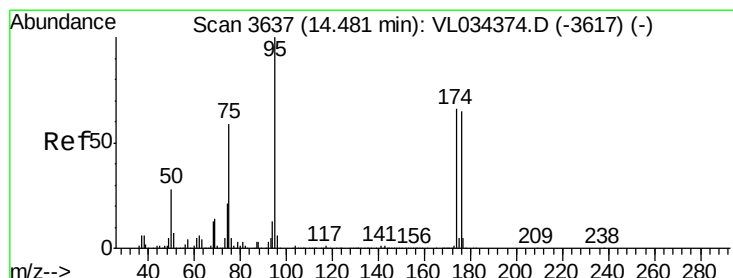
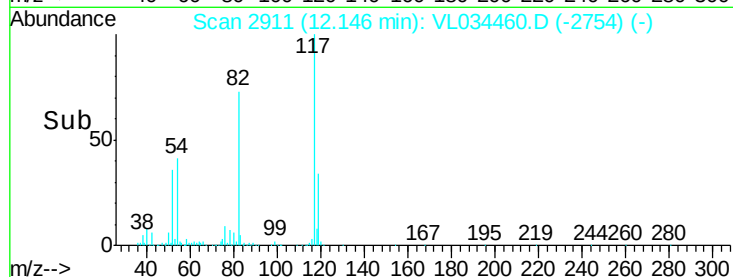
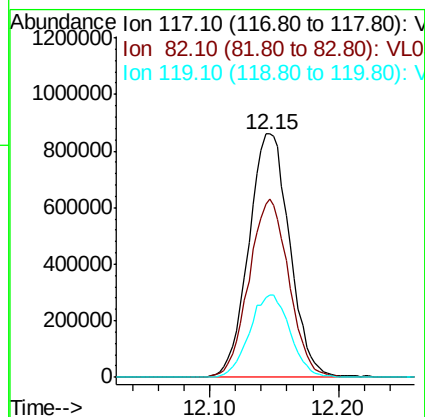
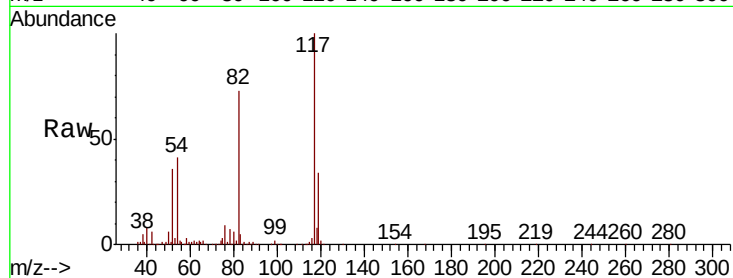
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.01 min
Lab File: VL034460.D
Acq: 3 Dec 2019 14:46

Instrument :
MSVOA_L
ClientSampled :
SV-2DL2

Tot Ion	Ratio	Lower	Upper
117	100		
82	71.9	57.5	86.3
119	33.9	25.4	38.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.990 ppbv
RT: 14.48 min Scan# 3638
Delta R.T. 0.00 min
Lab File: VL034460.D
Acq: 3 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.7	52.2	78.2
175	4.6	3.8	5.8

