

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120319\
 Data File : VL034459.D
 Acq On : 3 Dec 2019 14:08
 Operator : SY/AP
 Sample : K6068-04DL2 80X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL2

Manual Integrations
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Quant Time: Dec 03 14:41:33 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	989271	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1964236	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	1922562	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1671481	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds						Ovalue
15) Acetone	3.85	43	241212	1.703	ppbv	99
31) cis-1,2-Dichloroethene	5.57	61	31237	0.278	ppbv	95
32) 1,1,1-Trichloroethane	6.54	97	16983m	0.103	ppbv	
38) Trichloroethene	7.87	130	1586245	19.686	ppbv	99
52) Tetrachloroethene	11.28	164	650565	7.658	ppbv	97

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

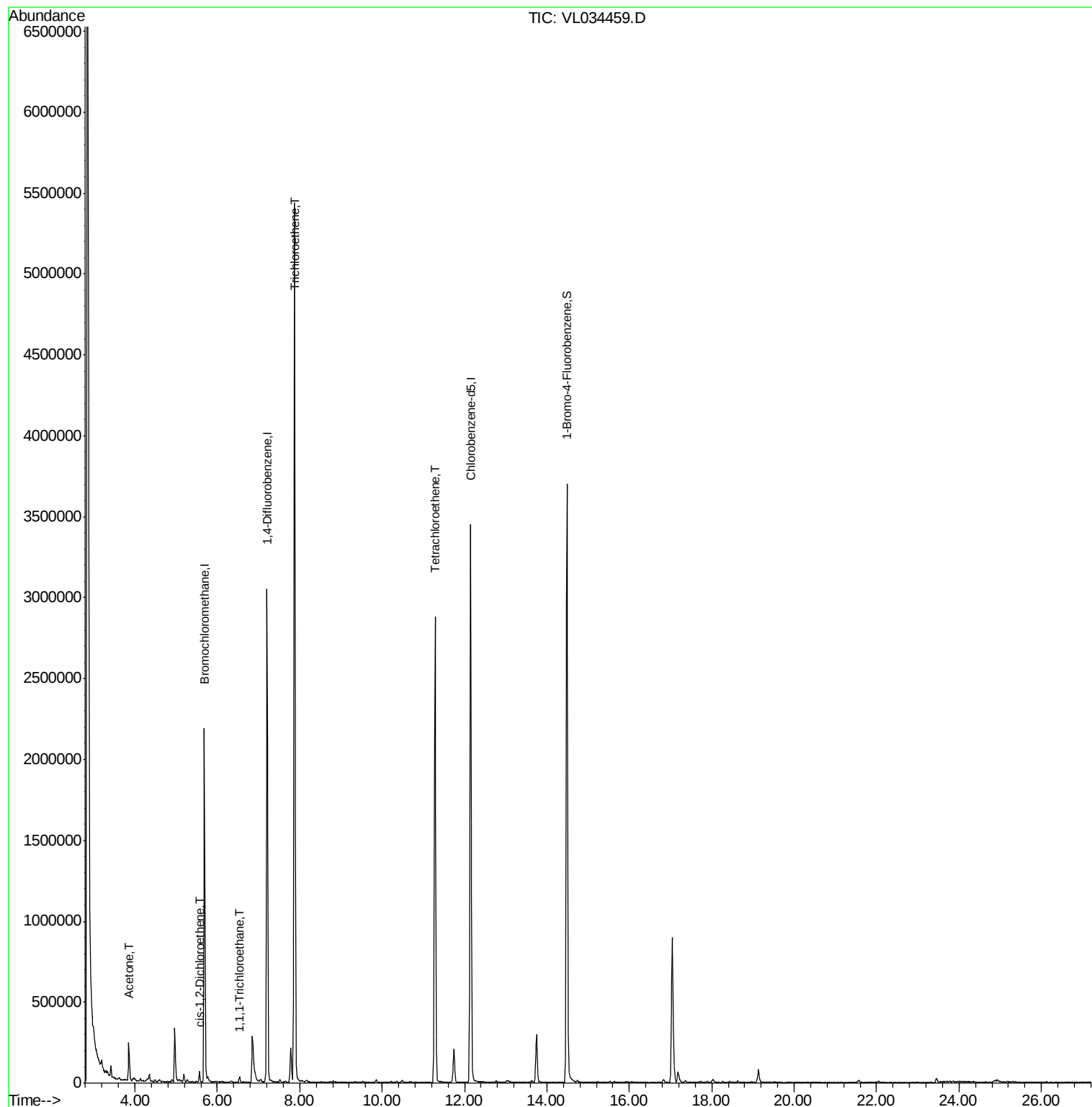
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120319\
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Quant Time: Dec 03 14:41:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov
QLast Update : Tue Nov 19 14:15:35 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: VL034459.D

Acq: 3 Dec 2019 14:08

Instrument :

MSVOA_L

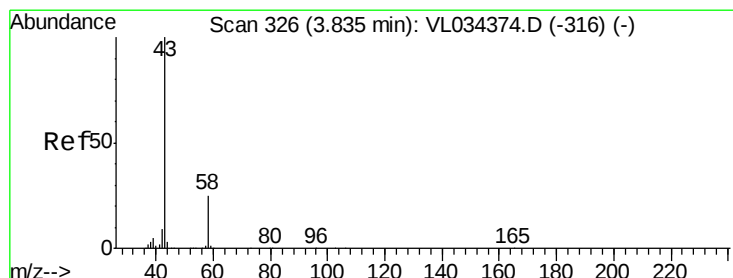
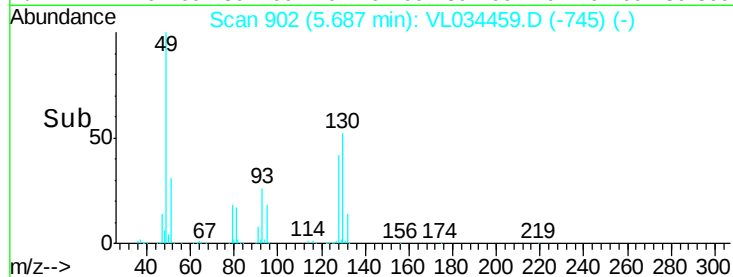
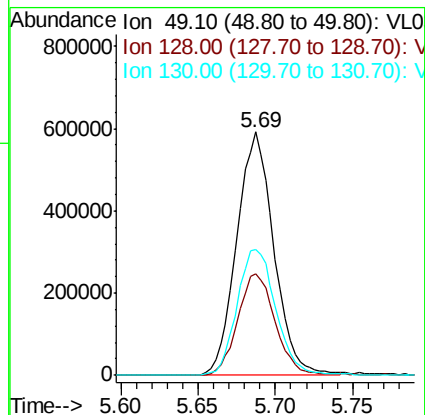
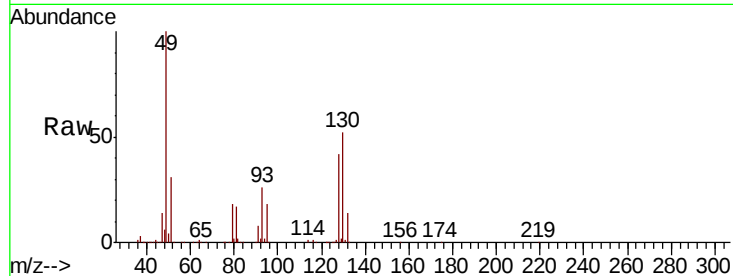
ClientSampled :

SV-4DL2

Tot Ion:	49	Resp:	989271
Ion Ratio	Lower	Upper	
49	100		
128	42.6	21.8	65.3
130	55.0	28.0	84.0

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#15

Acetone

Concen: 1.703 ppbv

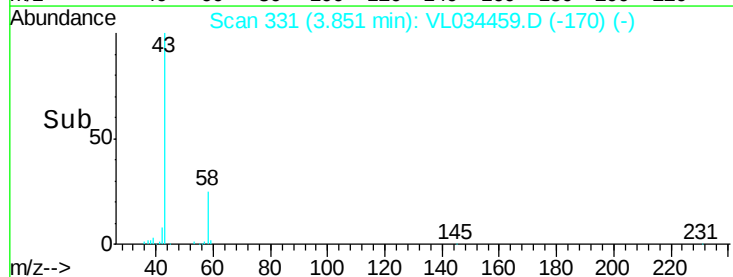
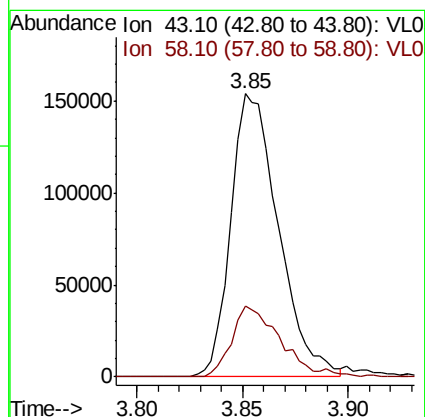
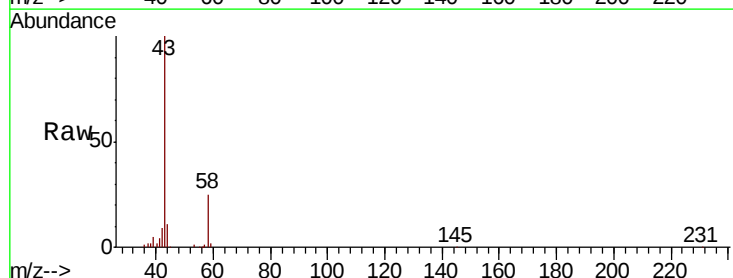
RT: 3.85 min Scan# 331

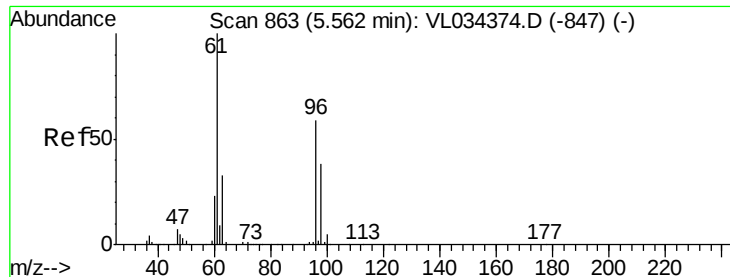
Delta R.T. 0.02 min

Lab File: VL034459.D

Acq: 3 Dec 2019 14:08

Tgt Ion:	43	Resp:	241212
Ion Ratio	Lower	Upper	
43	100		
58	25.6	20.2	30.4





#31

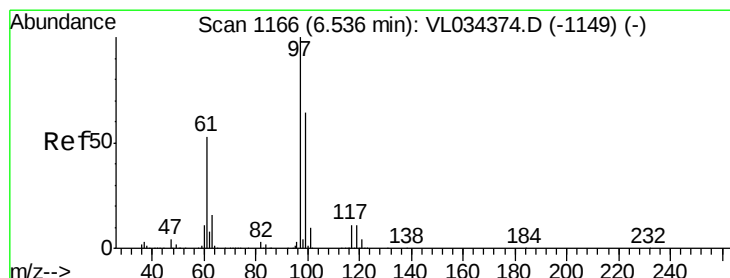
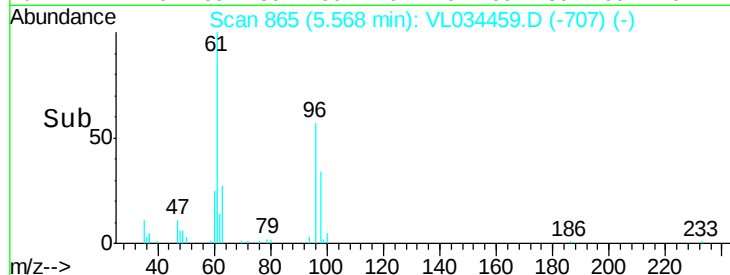
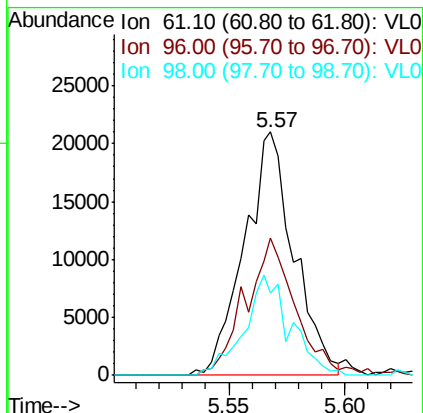
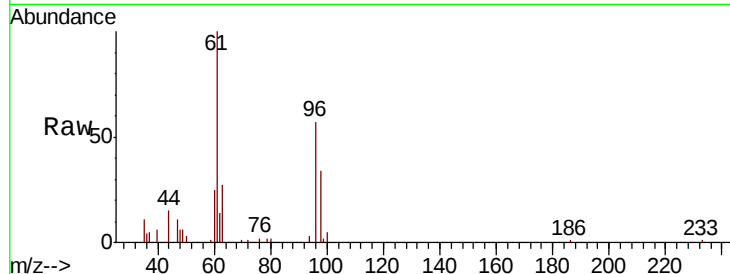
cis-1,2-Dichloroethene
Concen: 0.278 ppbv
RT: 5.57 min Scan# 865
Delta R.T. 0.01 min
Lab File: VL034459.D
Acq: 3 Dec 2019 14:08

Instrument :
MSVOA_L
ClientSampled :
SV-4DL2

Tot Ion	Ratio	Lower	Upper
61	100		
96	56.6	47.4	71.2
98	33.8	30.6	45.8

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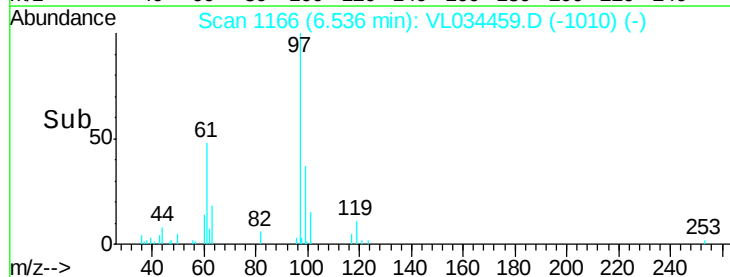
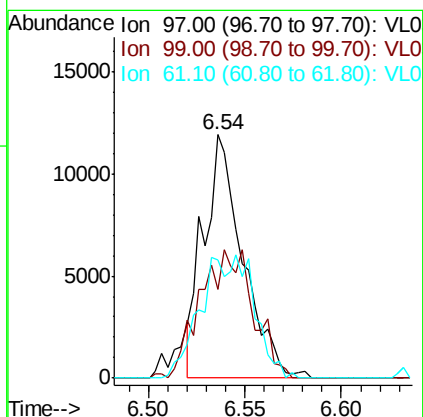
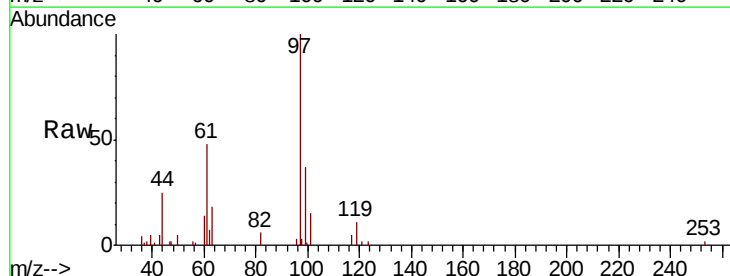
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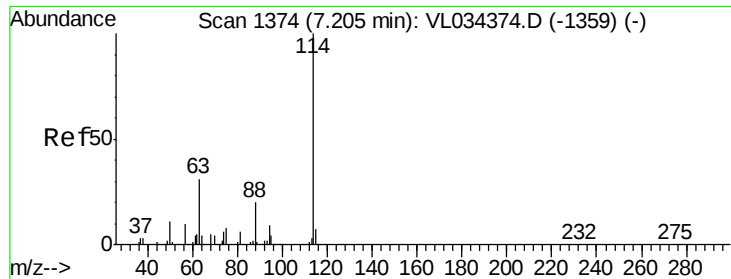


#32

1,1,1-Trichloroethane
Concen: 0.103 ppbv m
RT: 6.54 min Scan# 1166
Delta R.T. 0.00 min
Lab File: VL034459.D
Acq: 3 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	71.0	52.3	78.5
61	68.7	43.7	65.5#





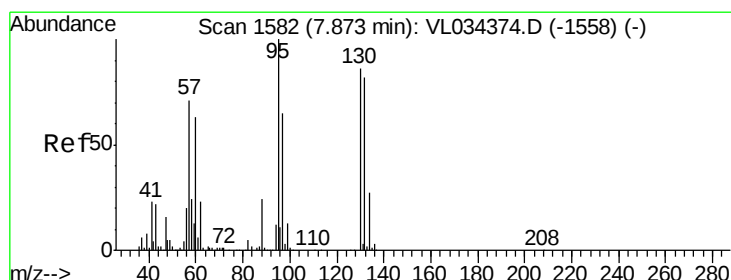
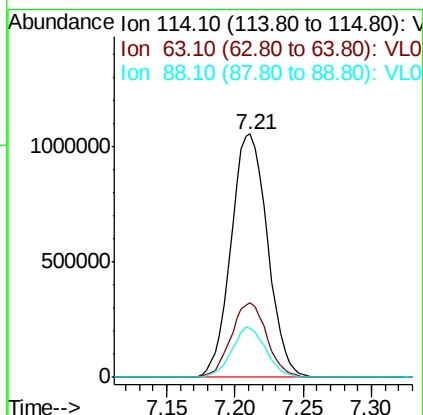
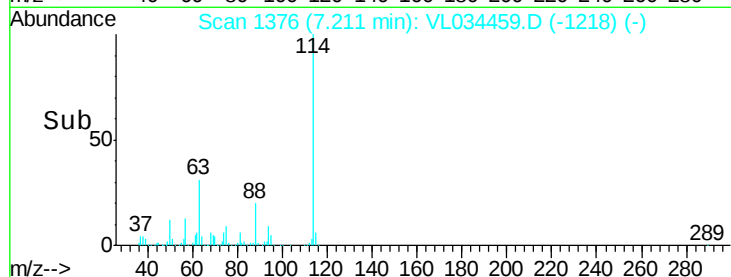
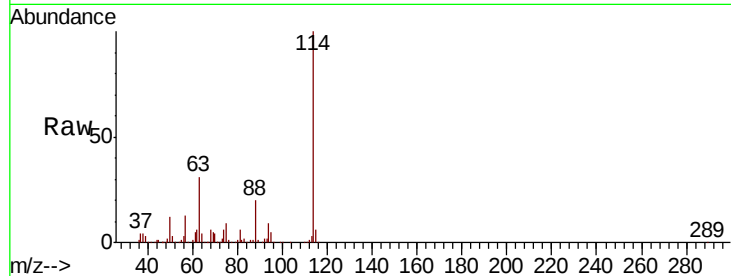
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VL034459.D
Acq: 3 Dec 2019 14:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	30.0	24.2	36.4
88	19.3	15.9	23.9

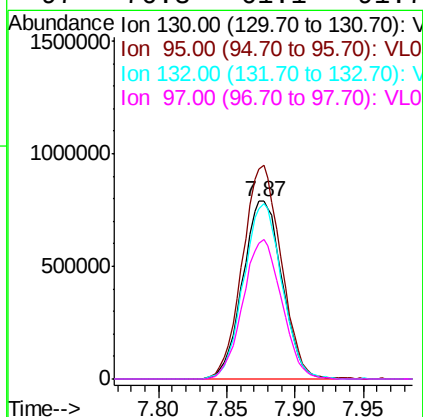
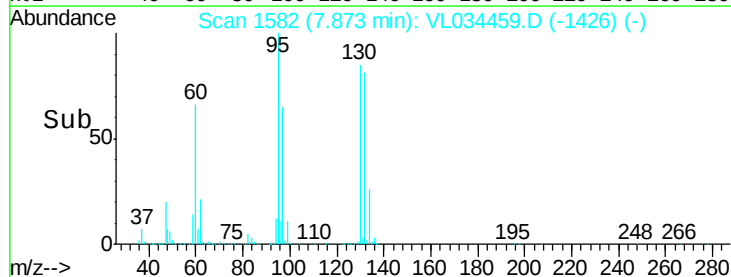
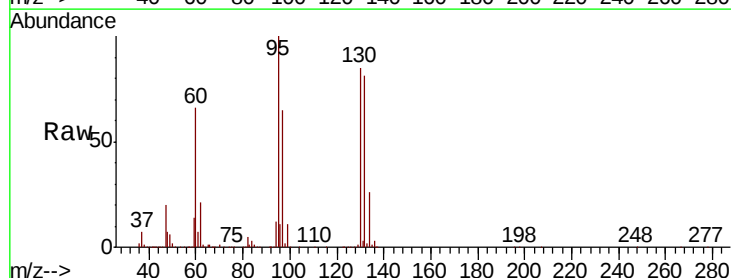
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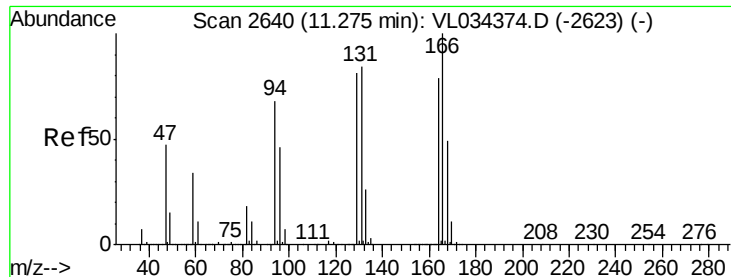
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#38
Trichloroethene
Concen: 19.686 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VL034459.D
Acq: 3 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	118.3	93.4	140.0
132	95.8	76.4	114.6
97	76.3	61.1	91.7





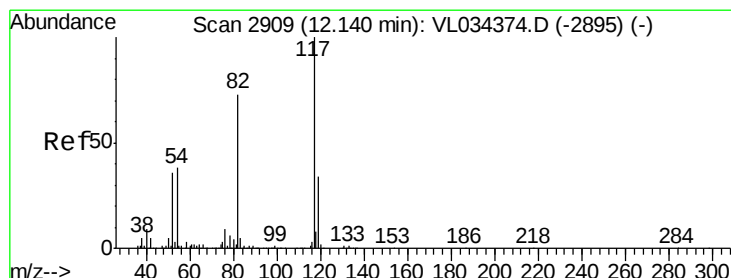
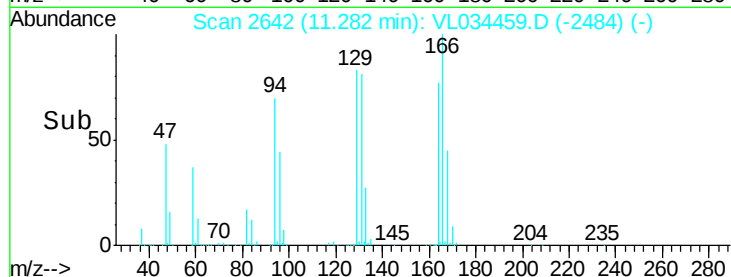
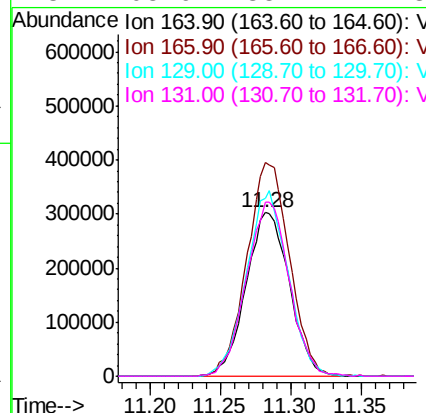
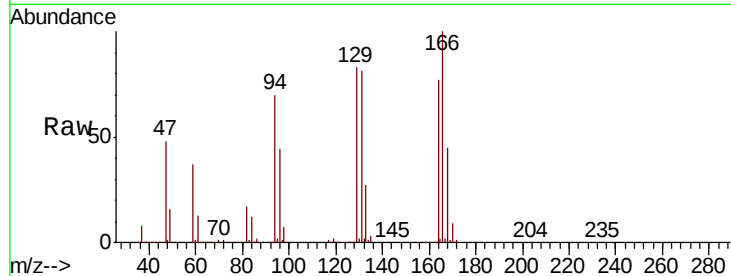
#52
Tetrachloroethene
Concen: 7.658 ppbv
RT: 11.28 min Scan# 2642
Delta R.T. 0.01 min
Lab File: VL034459.D
Acq: 3 Dec 2019 14:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	130.5	101.7	152.5	
129	108.5	82.6	123.8	
131	105.9	85.2	127.8	

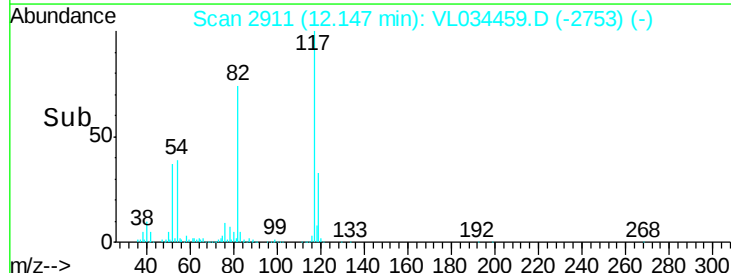
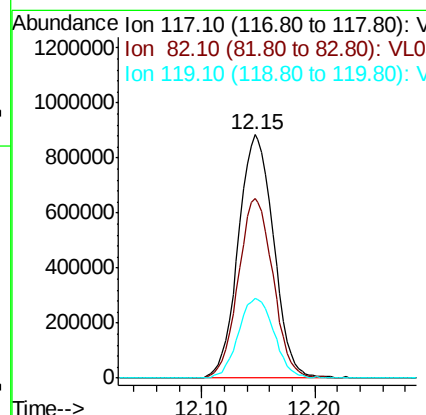
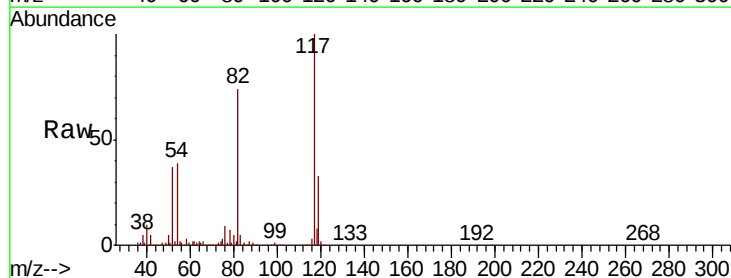
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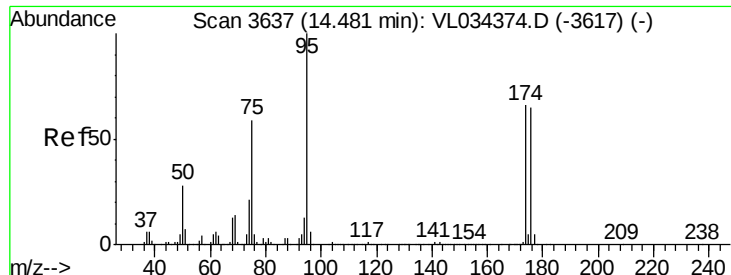
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.01 min
Lab File: VL034459.D
Acq: 3 Dec 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
82	73.0	57.5	86.3	
119	33.4	25.4	38.2	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.334 ppbv
 RT: 14.48 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VL034459.D
 Acq: 3 Dec 2019 14:08

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL2

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.9	52.2	78.2
175	4.5	3.8	5.8

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