

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031620\
 Data File : VL034902.D
 Acq On : 16 Mar 2020 22:42
 Operator : SY/AP
 Sample : L1924-05DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-01DL

Manual Integrations
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 3/17/2020 12:16:11 PM

Quant Time: Mar 17 11:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 0
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	845114	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1814154	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1748549	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1419824	10.41	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.10%

Target Compounds						Ovalue
12) 1,1,2-Trichlorotrifluoroet	4.46	101	427078	4.956	ppbv	94
13) Ethanol	3.59	45	14635	1.068	ppbv	91
18) 1,1-Dichloroethene	4.26	96	23930	0.627	ppbv	91
31) cis-1,2-Dichloroethene	5.53	61	156679	1.823	ppbv	94
32) 1,1,1-Trichloroethane	6.49	97	14807m	0.119	ppbv	
38) Trichloroethene	7.83	130	339793	5.533	ppbv	95
52) Tetrachloroethene	11.24	164	10155m	0.159	ppbv	

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

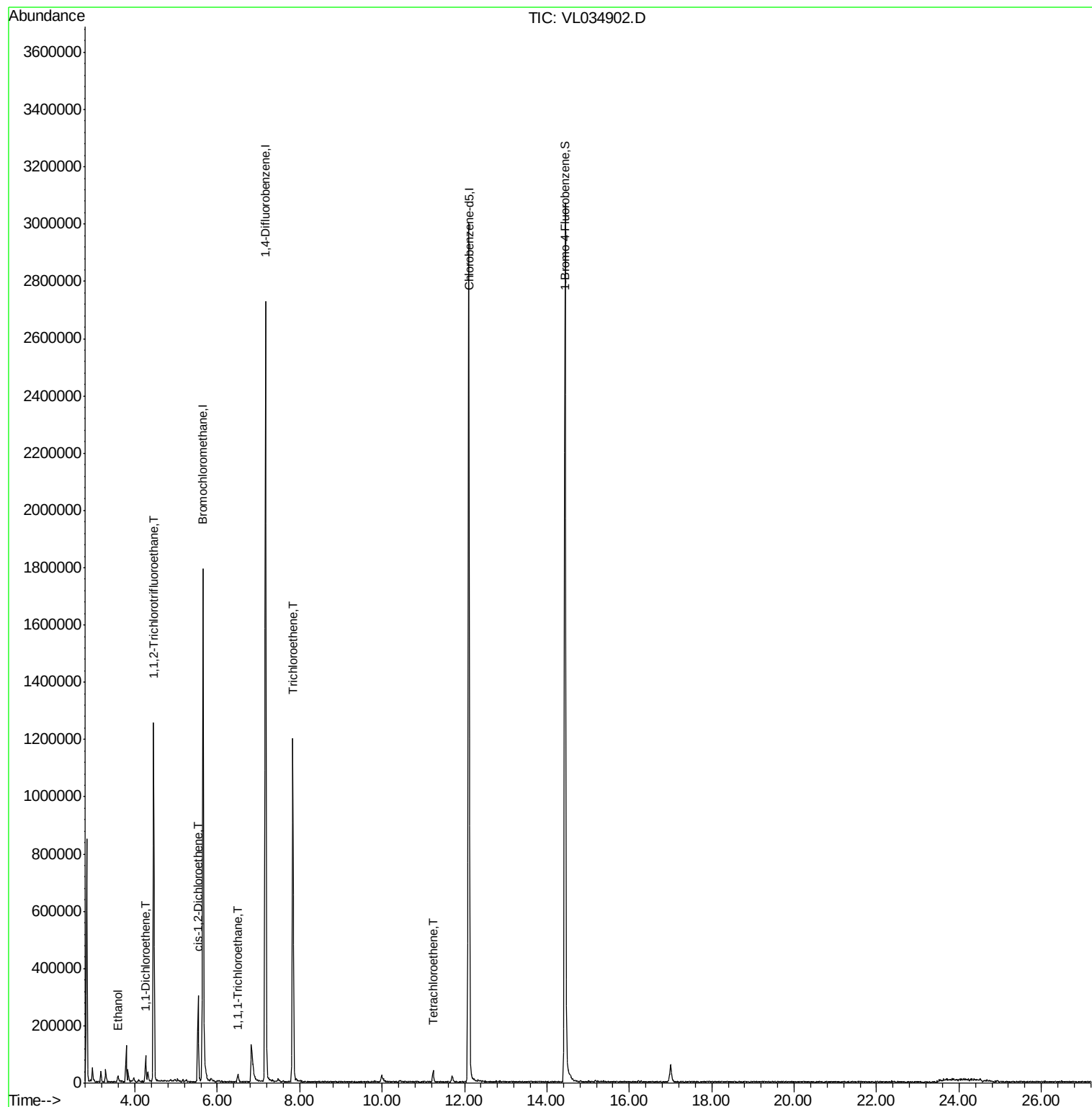
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031620\
Data File : VL034902.D
Acq On : 16 Mar 2020 22:42
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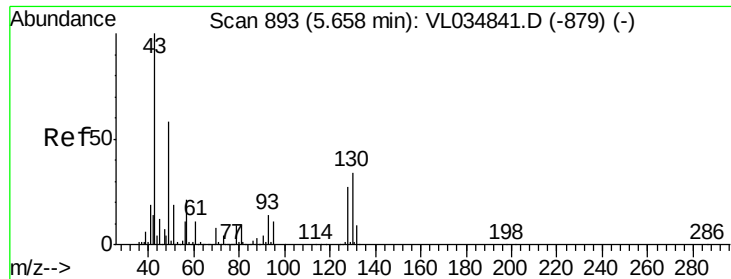
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.01 min

Lab File: VL034902.D

Acq: 16 Mar 2020 22:42

Instrument :

MSVOA_L

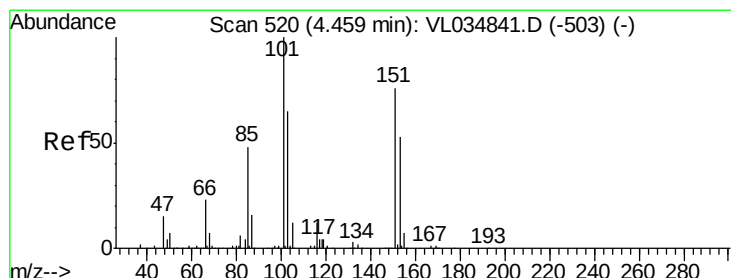
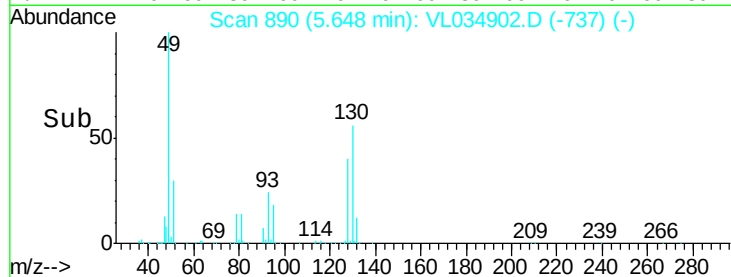
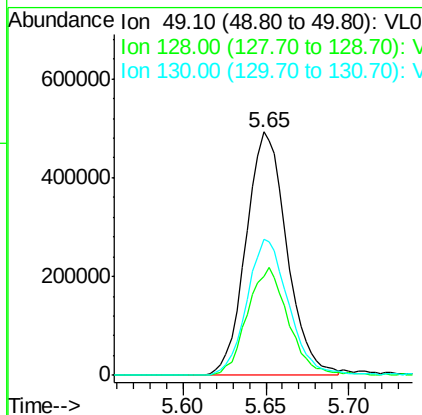
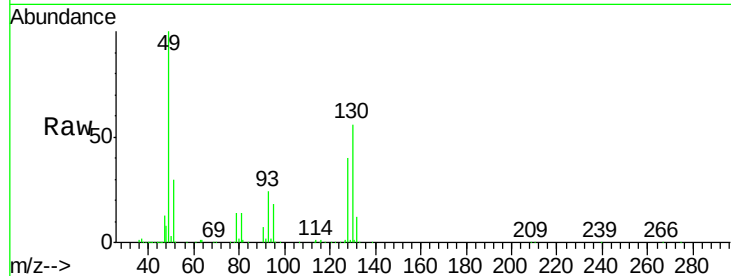
ClientSampleId :

SV-01DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	44.7	23.4	70.3
130	57.3	30.0	90.0

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#12

1,1,2-Trichlorotrifluoroethane

Concen: 4.956 ppbv

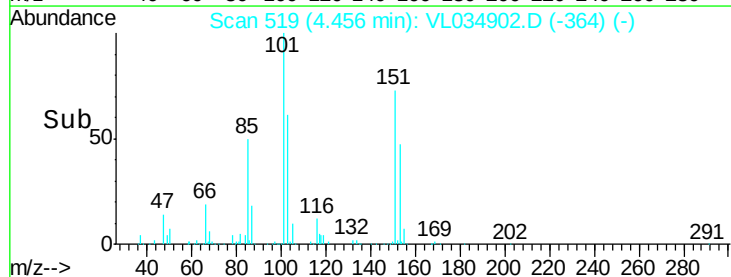
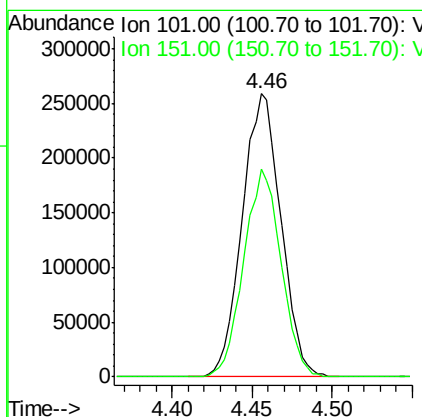
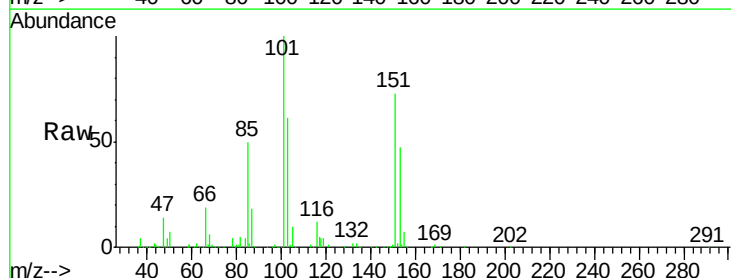
RT: 4.46 min Scan# 519

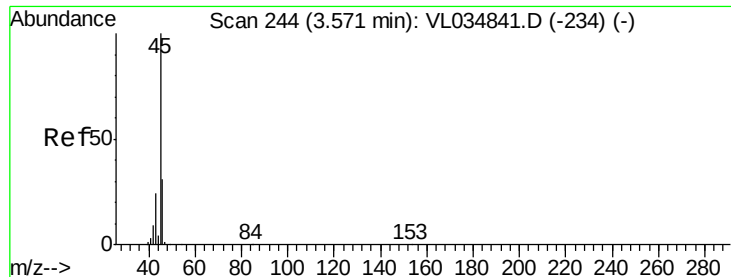
Delta R.T. -0.00 min

Lab File: VL034902.D

Acq: 16 Mar 2020 22:42

Tgt Ion	Ratio	Lower	Upper
101	100		
151	71.1	60.8	91.2





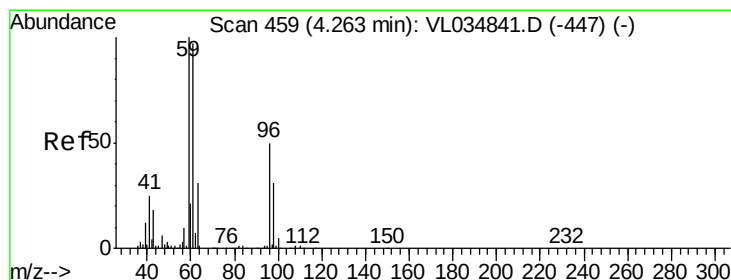
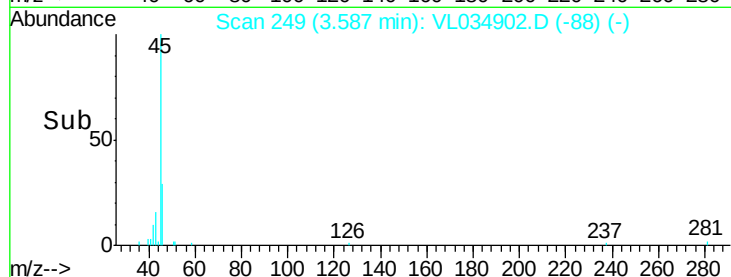
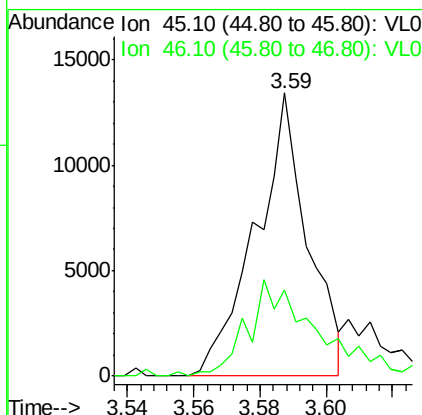
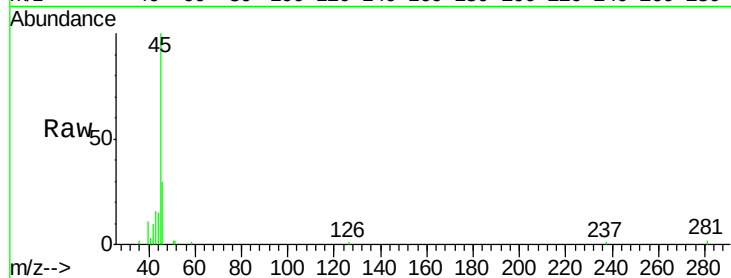
#13
Ethanol
Concen: 1.068 ppbv
RT: 3.59 min Scan# 249
Delta R.T. 0.02 min
Lab File: VL034902.D
Acq: 16 Mar 2020 22:42

Instrument :
MSVOA_L
ClientSampleId :
SV-01DL

Tot Ion: 45 Resp: 14635
Ion Ratio Lower Upper
45 100
46 45.5 16.0 64.0

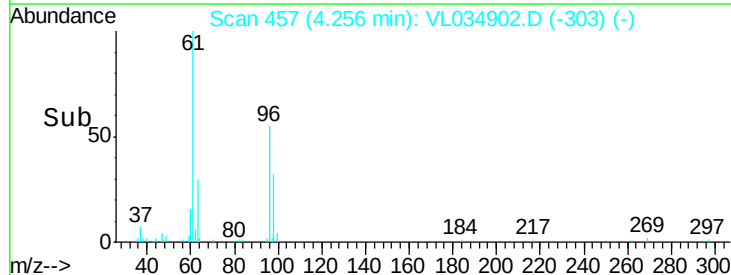
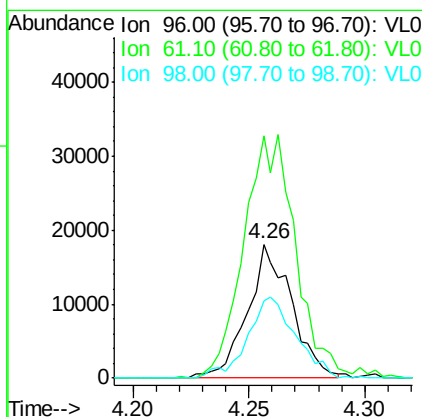
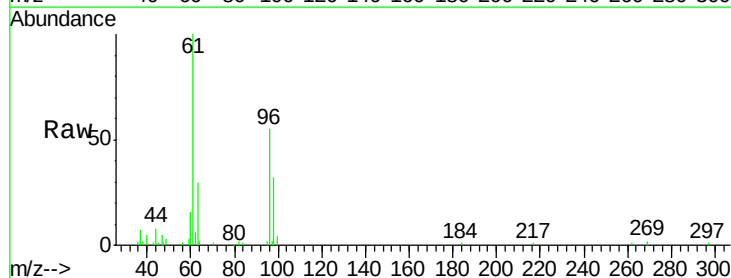
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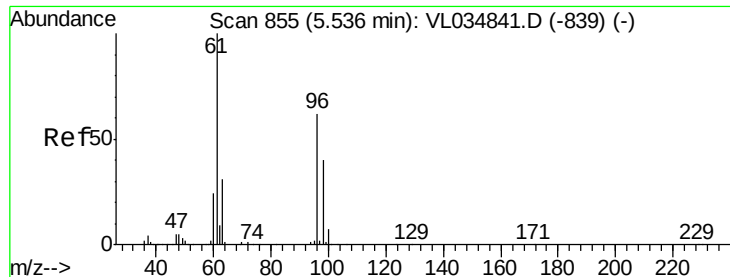
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#18
1,1-Dichloroethene
Concen: 0.627 ppbv
RT: 4.26 min Scan# 457
Delta R.T. -0.01 min
Lab File: VL034902.D
Acq: 16 Mar 2020 22:42

Tgt Ion: 96 Resp: 23930
Ion Ratio Lower Upper
96 100
61 181.0 157.3 235.9
98 57.7 50.2 75.4





#31

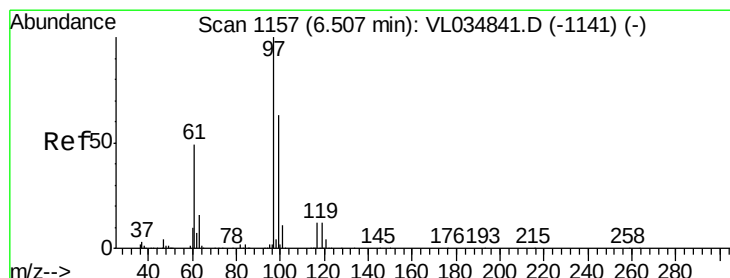
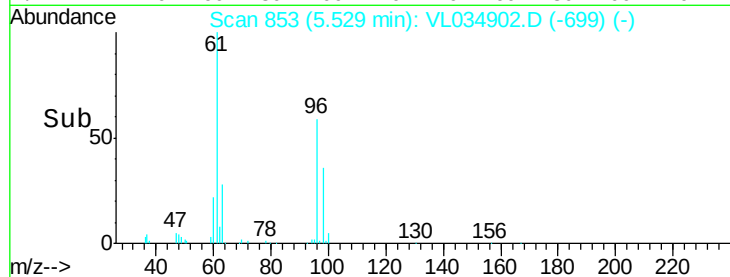
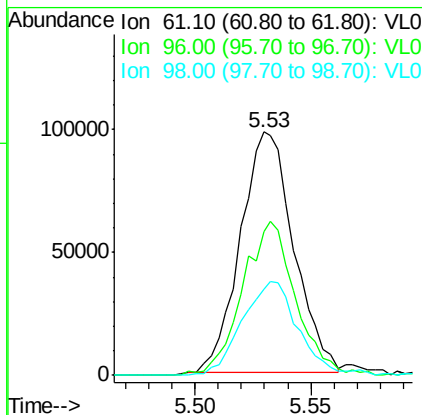
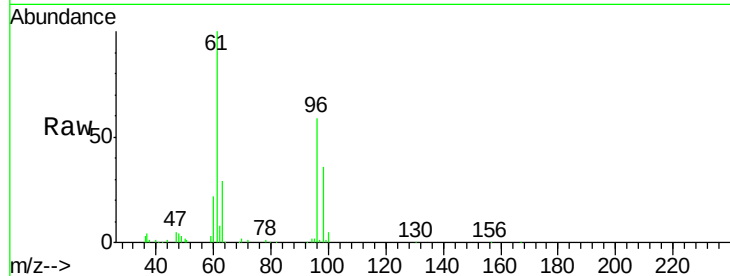
cis-1,2-Dichloroethene
 Concen: 1.823 ppbv
 RT: 5.53 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: VL034902.D
 Acq: 16 Mar 2020 22:42

Instrument :
 MSVOA_L
 ClientSampleID :
 SV-01DL

Tot Ion	Ratio	Lower	Upper
61	100		
96	58.1	49.8	74.8
98	35.6	32.2	48.4

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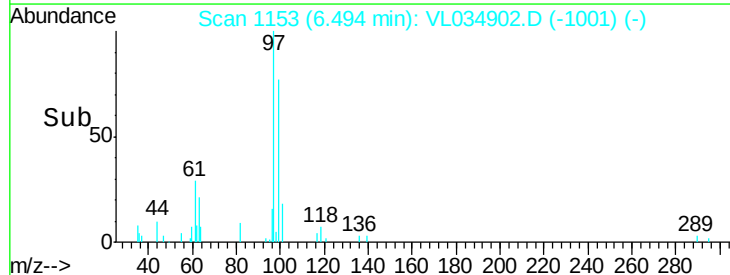
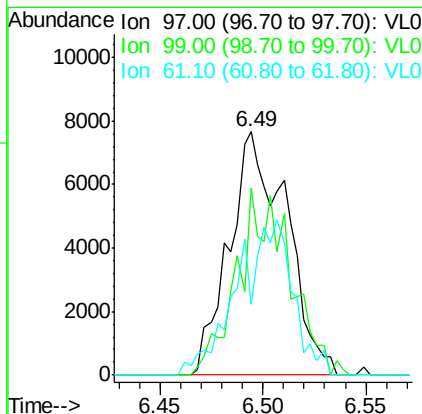
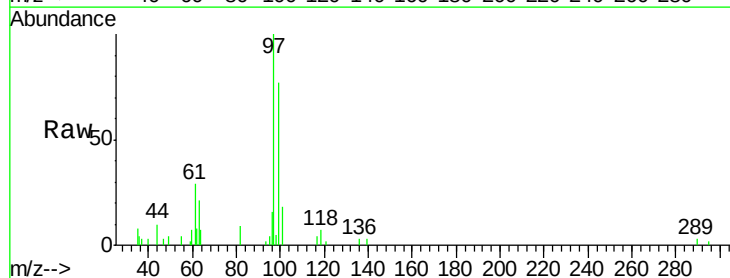
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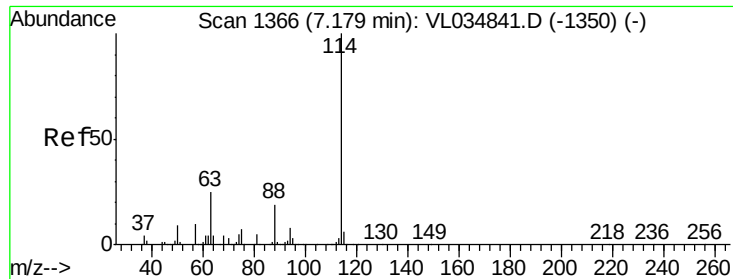


#32

1,1,1-Trichloroethane
 Concen: 0.119 ppbv m
 RT: 6.49 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: VL034902.D
 Acq: 16 Mar 2020 22:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	70.3	51.1	76.7
61	0.0	39.7	59.5#





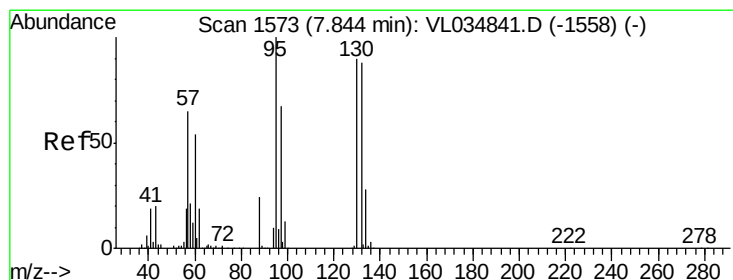
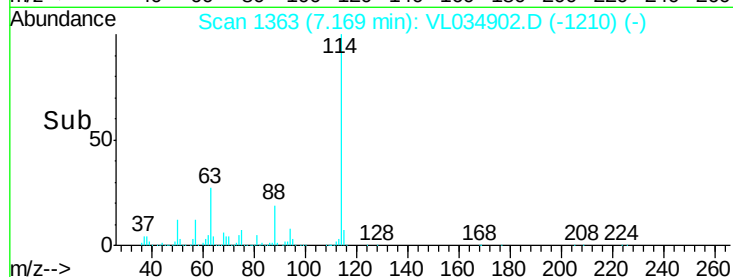
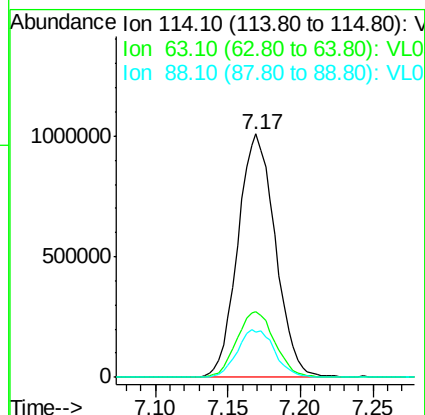
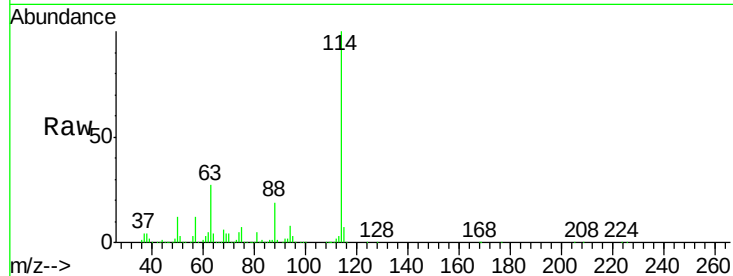
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VL034902.D
 Acq: 16 Mar 2020 22:42

Instrument :
 MSVOA_L
 ClientSampleID :
 SV-01DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.4	20.6	31.0
88	19.5	15.0	22.6

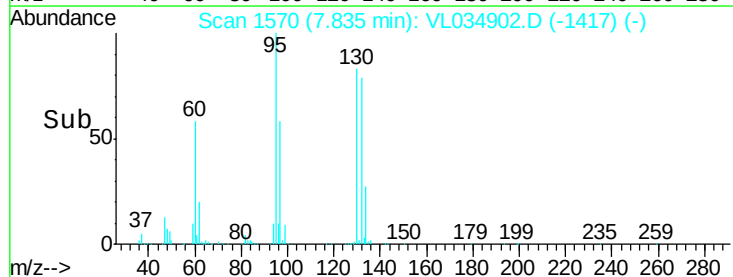
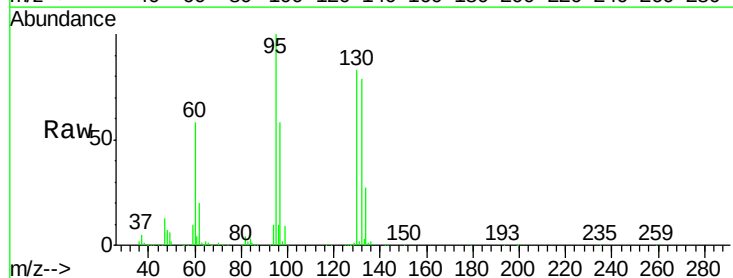
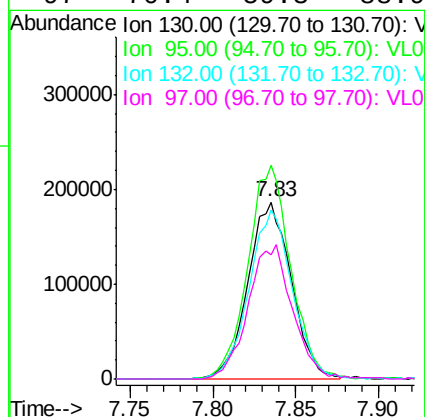
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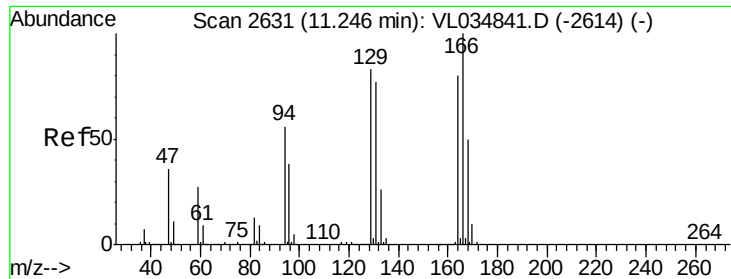
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#38
 Trichloroethene
 Concen: 5.533 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL034902.D
 Acq: 16 Mar 2020 22:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	120.8	88.5	132.7
132	96.0	78.0	117.0
97	70.4	59.3	88.9





#52

Tetrachloroethene

Concen: 0.159 ppbv m

RT: 11.24 min Scan# 2630

Delta R.T. -0.00 min

Lab File: VL034902.D

Acq: 16 Mar 2020 22:42

Instrument :

MSVOA_L

ClientSampled :

SV-01DL

Tot Ion:164 Resp: 10155

Ion Ratio Lower Upper

164 100

166 87.0 100.0 150.0#

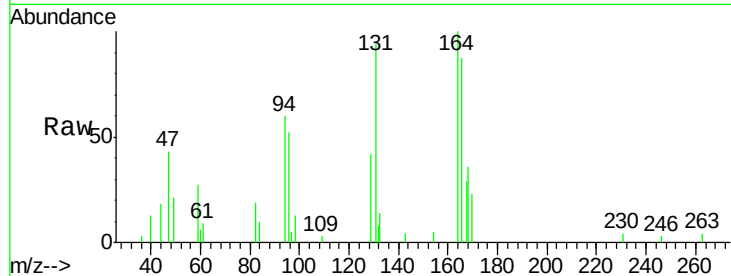
129 42.1 83.1 124.7#

131 93.5 77.2 115.8

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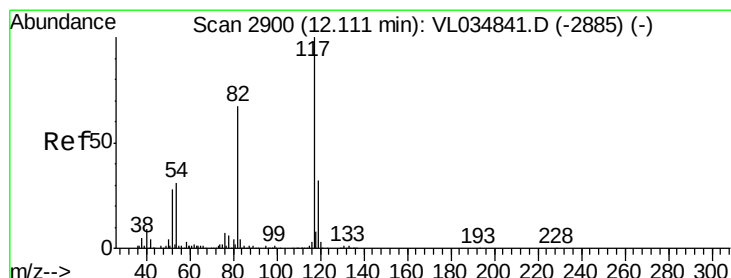
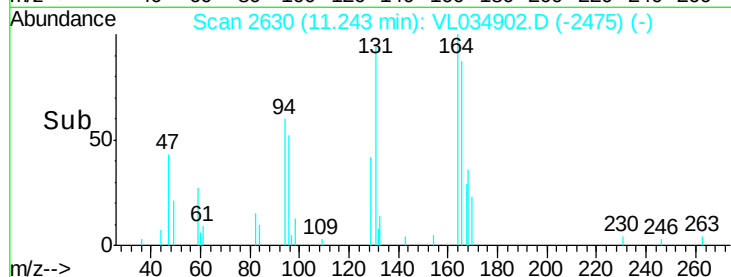
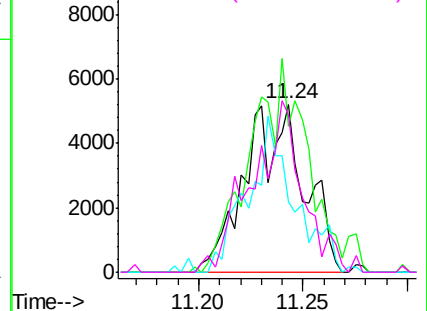


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2898

Delta R.T. -0.01 min

Lab File: VL034902.D

Acq: 16 Mar 2020 22:42

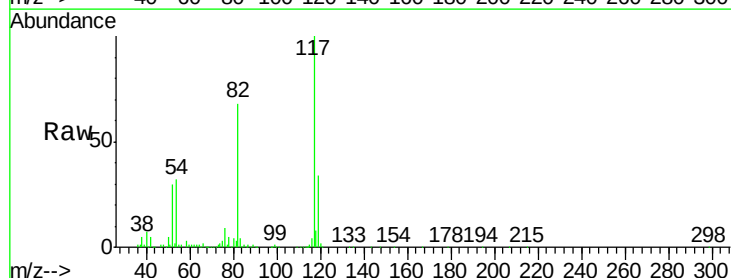
Tgt Ion:117 Resp: 1748549

Ion Ratio Lower Upper

117 100

82 70.4 51.1 76.7

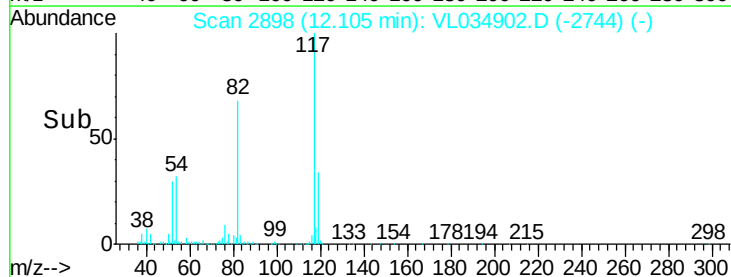
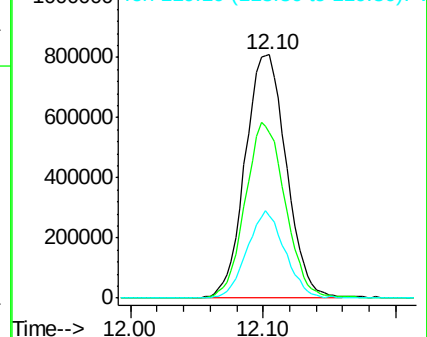
119 33.4 27.3 40.9

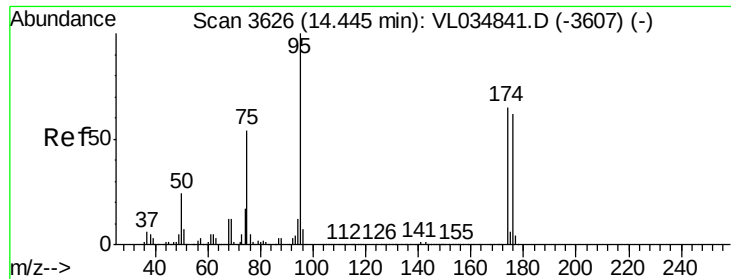


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.412 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. -0.01 min
 Lab File: VL034902.D
 Acq: 16 Mar 2020 22:42

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-01DL

Tot Ion: 95 Resp: 1419824
 Ion Ratio Lower Upper
 95 100
 174 65.4 55.2 82.8
 175 4.8 4.3 6.5

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