

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL035006.D
 Acq On : 13 May 2020 3:23
 Operator : SY/AP
 Sample : L2566-03DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-5DL

Manual Integrations
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 5/13/2020 5:13:09 PM

Quant Time: May 14 14:22:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	939484	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2159772	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2032481	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	1657613	10.08	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.57	45	40593	2.643	ppbv	93
15) Acetone	3.83	43	57546	0.463	ppbv #	86
19) Isopropyl Alcohol	3.95	45	27153m	0.328	ppbv	
38) Trichloroethene	7.83	130	395428	5.732	ppbv	97
52) Tetrachloroethene	11.24	164	1494318	23.601	ppbv	97
53) Toluene	9.81	91	42969	0.228	ppbv	92
62) Isopropylbenzene	14.68	105	140420m	0.431	ppbv	

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

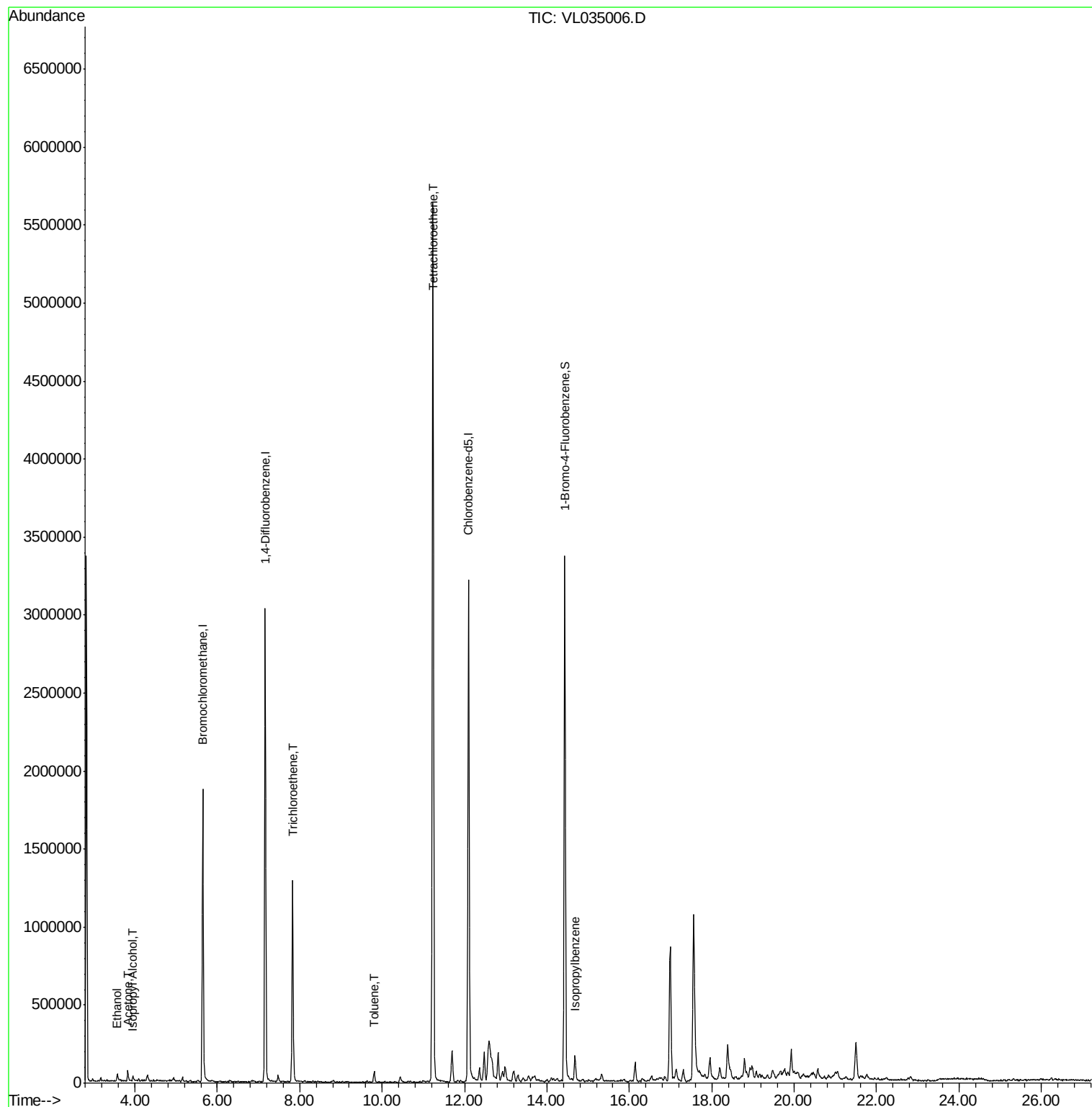
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051220\
Data File : VL035006.D
Acq On : 13 May 2020 3:23
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

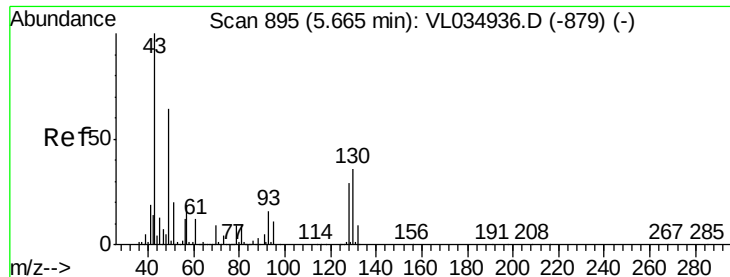
Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Manual Integrations
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Quant Time: May 14 14:22:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035006.D

Acq: 13 May 2020 3:23

Instrument :

MSVOA_L

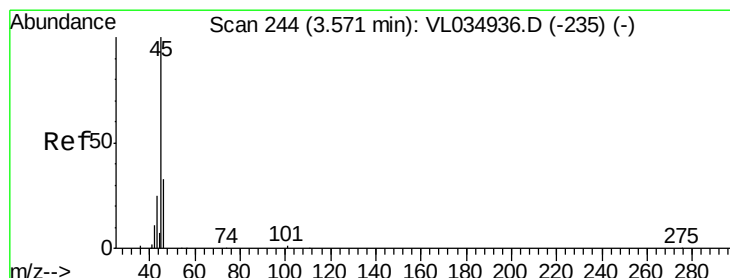
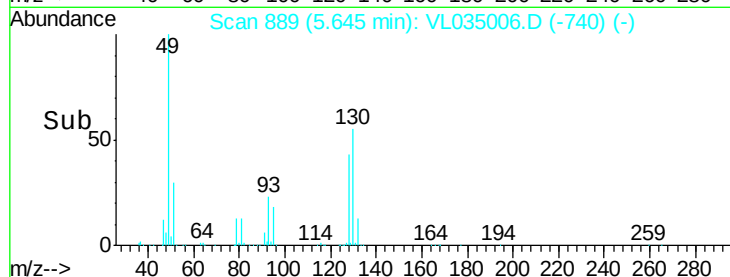
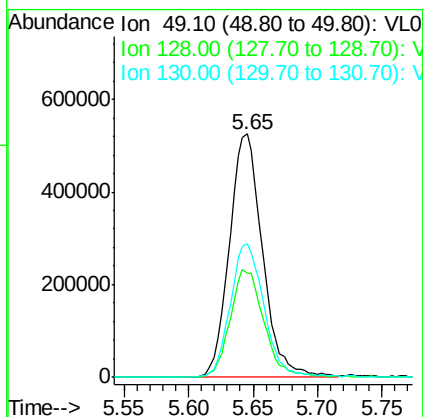
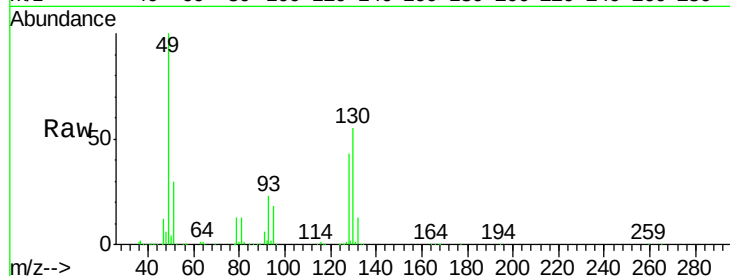
ClientSampled :

SG-5DL

Tot Ion:	49	Resp:	939484
Ion Ratio	Lower	Upper	
49	100		
128	45.1	22.1	66.5
130	56.6	29.1	87.3

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#13

Ethanol

Concen: 2.643 ppbv

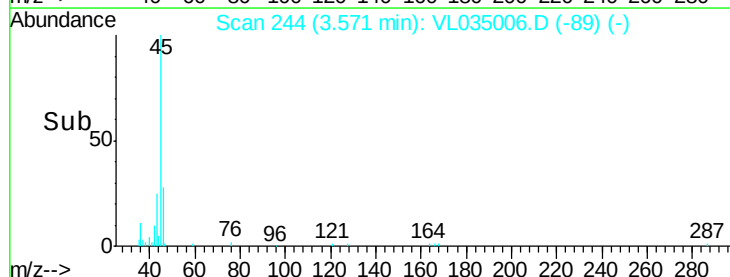
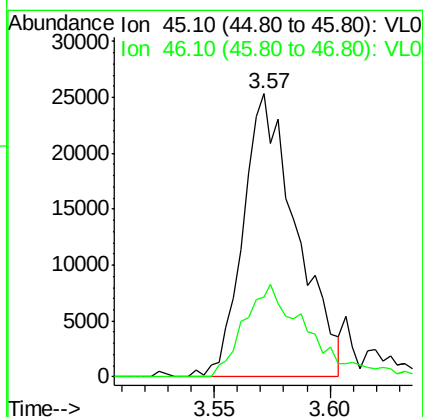
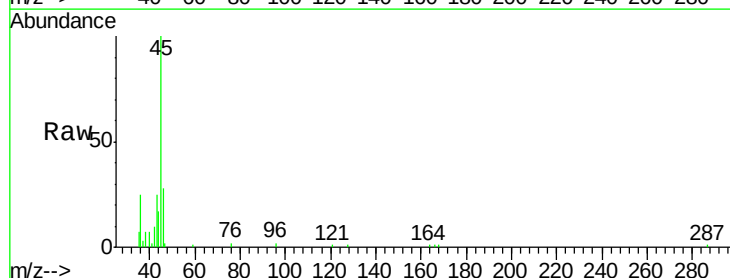
RT: 3.57 min Scan# 244

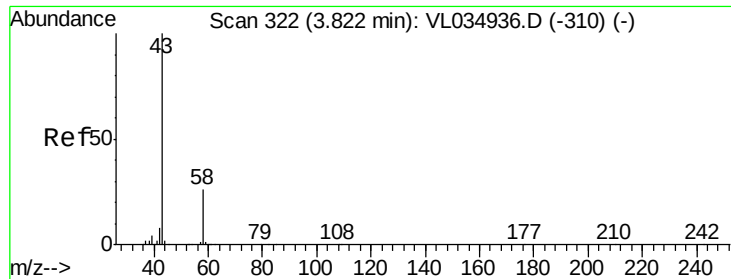
Delta R.T. -0.00 min

Lab File: VL035006.D

Acq: 13 May 2020 3:23

Tgt Ion:	45	Resp:	40593
Ion Ratio	Lower	Upper	
45	100		
46	39.9	14.3	57.3





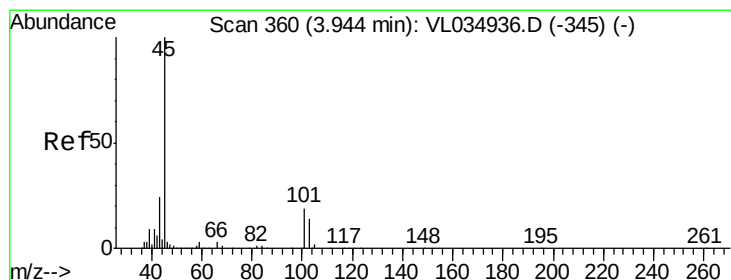
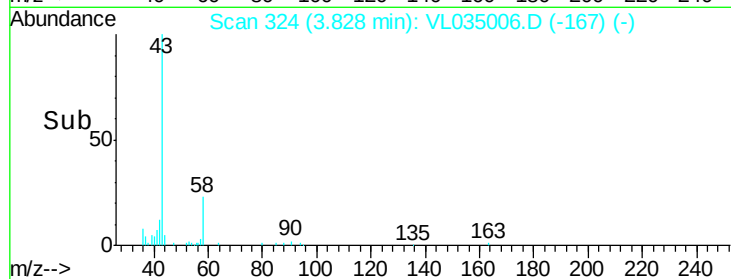
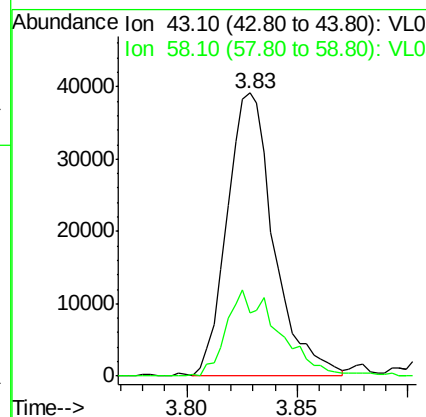
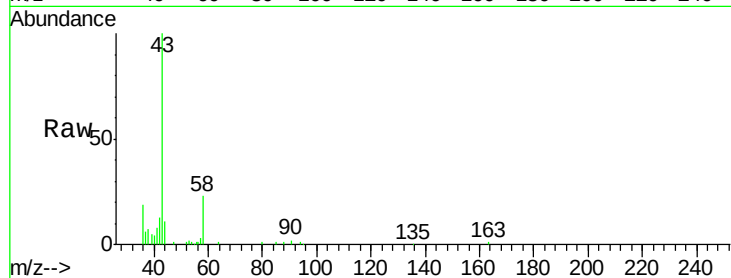
#15
Acetone
Concen: 0.463 ppbv
RT: 3.83 min Scan# 324
Delta R.T. 0.01 min
Lab File: VL035006.D
Acq: 13 May 2020 3:23

Instrument :
MSVOA_L
ClientSampled :
SG-5DL

Tot Ion: 43 Resp: 57546
Ion Ratio Lower Upper
43 100
58 34.5 21.7 32.5#

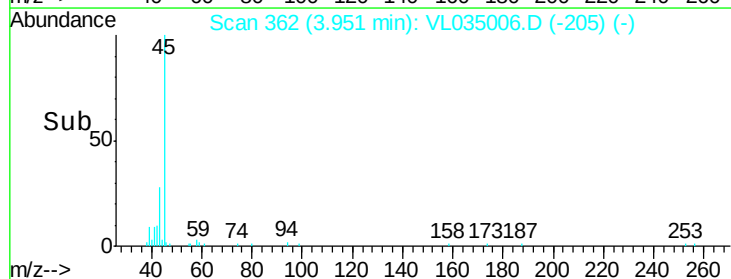
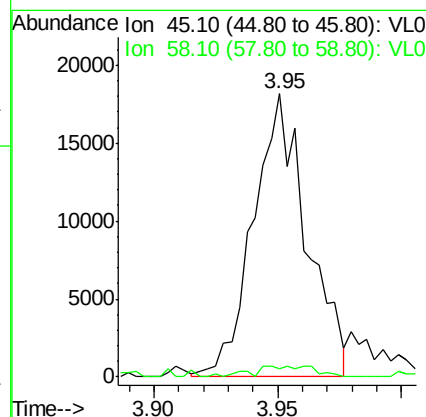
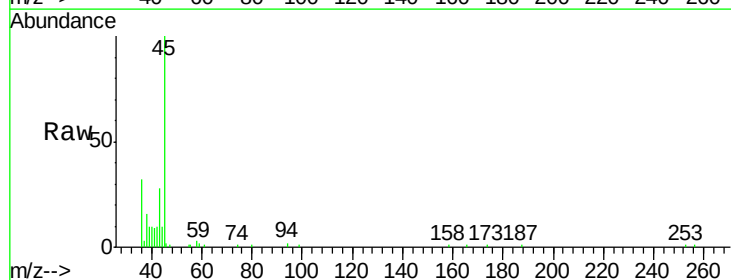
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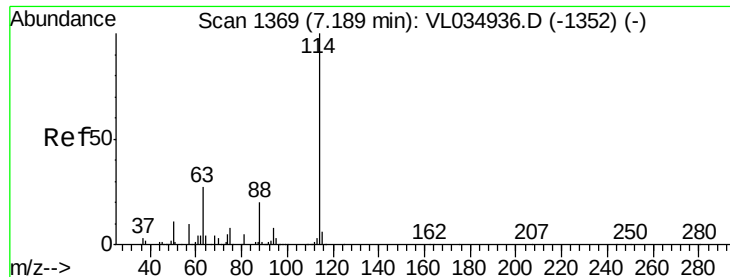
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#19
Isopropyl Alcohol
Concen: 0.328 ppbv m
RT: 3.95 min Scan# 362
Delta R.T. 0.01 min
Lab File: VL035006.D
Acq: 13 May 2020 3:23

Tgt Ion: 45 Resp: 27153
Ion Ratio Lower Upper
45 100
58 4.3 1.7 2.5#





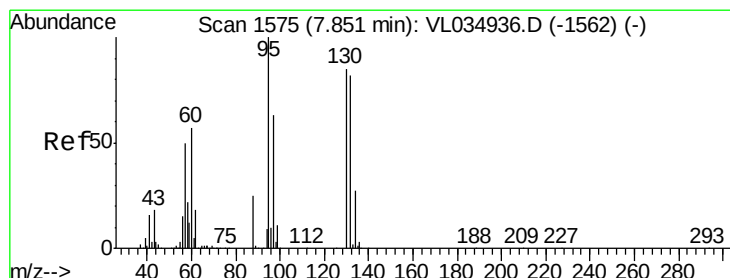
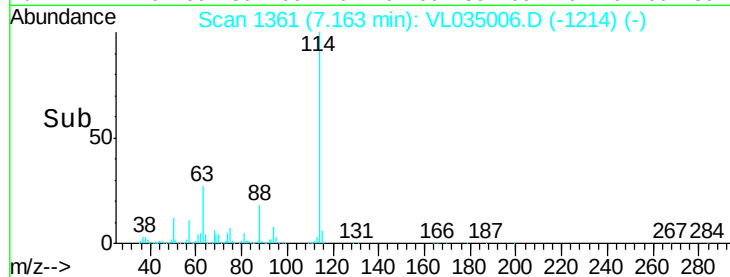
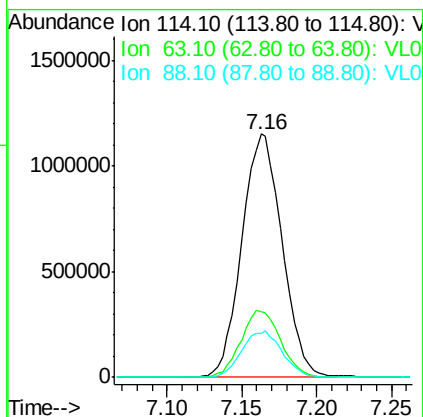
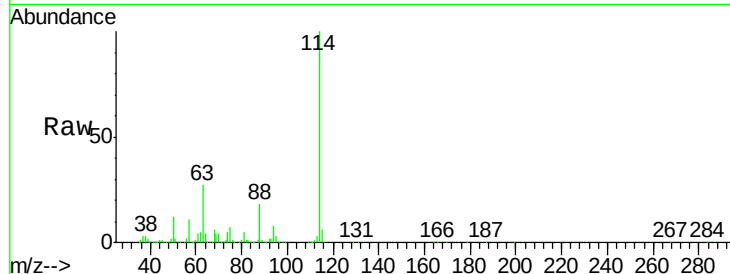
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.03 min
 Lab File: VL035006.D
 Acq: 13 May 2020 3:23

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-5DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.2	33.4
88	19.2	15.5	23.3

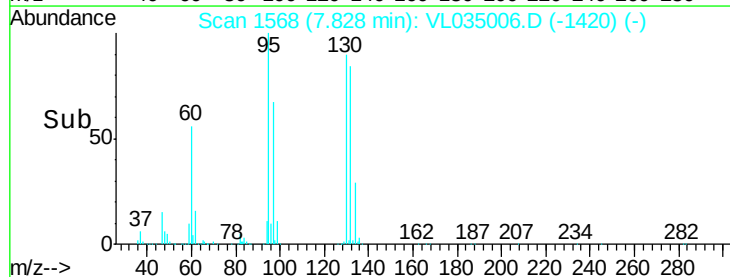
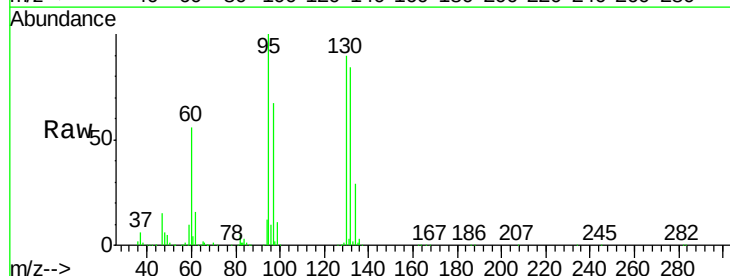
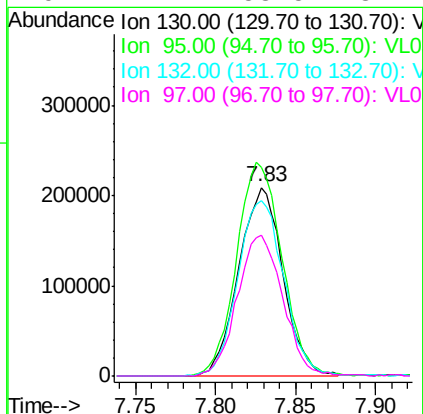
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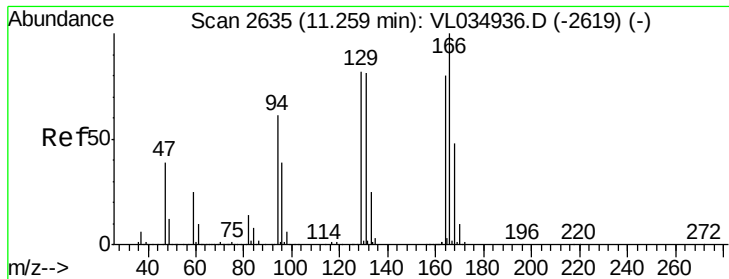
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#38
 Trichloroethene
 Concen: 5.732 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: VL035006.D
 Acq: 13 May 2020 3:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	111.2	93.4	140.0
132	92.9	76.4	114.6
97	74.4	58.5	87.7





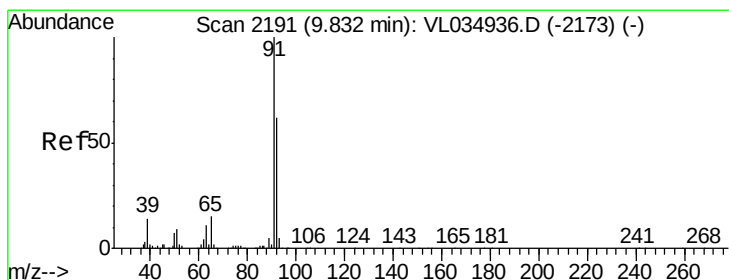
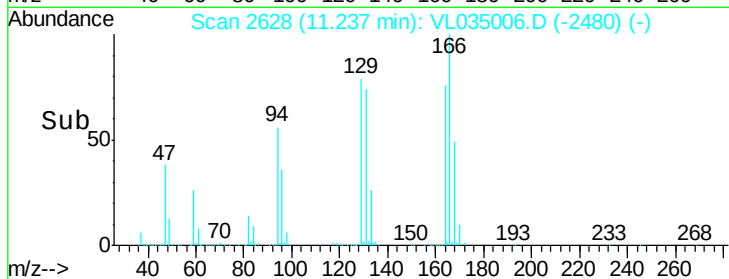
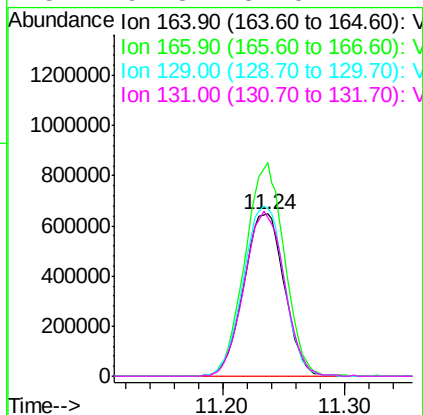
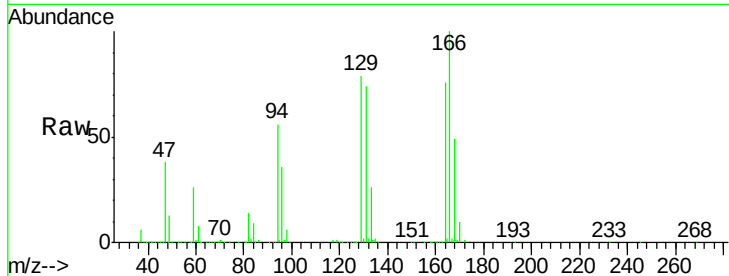
#52
Tetrachloroethene
Concen: 23.601 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. -0.02 min
Lab File: VL035006.D
Acq: 13 May 2020 3:23

Instrument :
MSVOA_L
ClientSampled :
SG-5DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.6	100.7	151.1
129	103.5	83.0	124.4
131	97.8	81.0	121.4

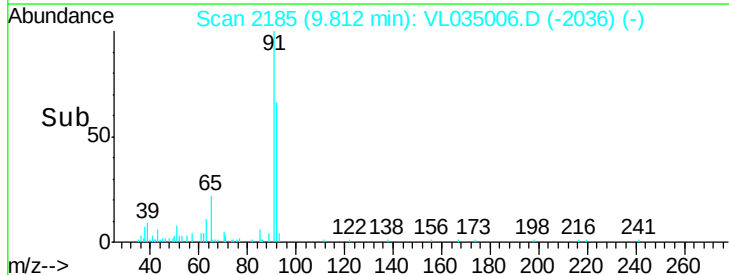
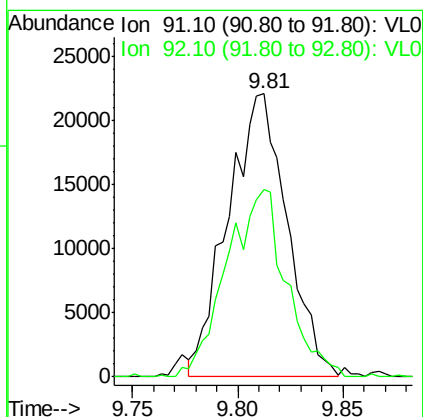
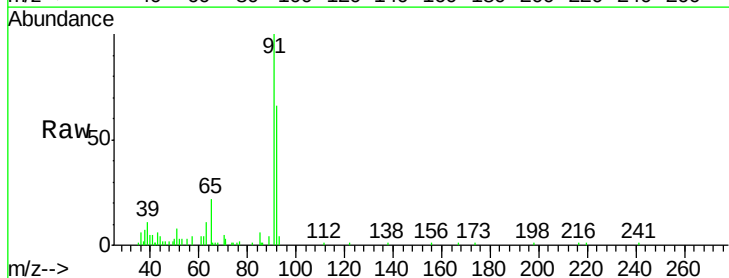
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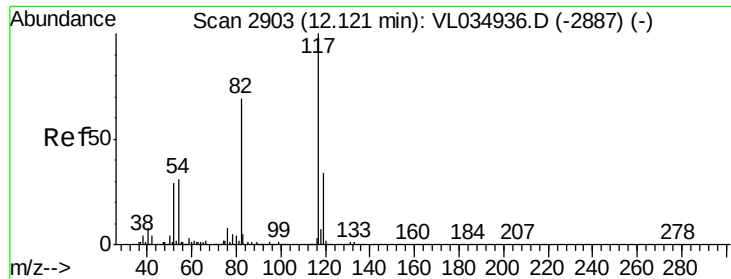
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#53
Toluene
Concen: 0.228 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.02 min
Lab File: VL035006.D
Acq: 13 May 2020 3:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	67.0	48.6	73.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: VL035006.D

Acq: 13 May 2020 3:23

Instrument :

MSVOA_L

ClientSampleId :

SG-5DL

Tot Ion:117 Resp: 2032481

Ion Ratio Lower Upper

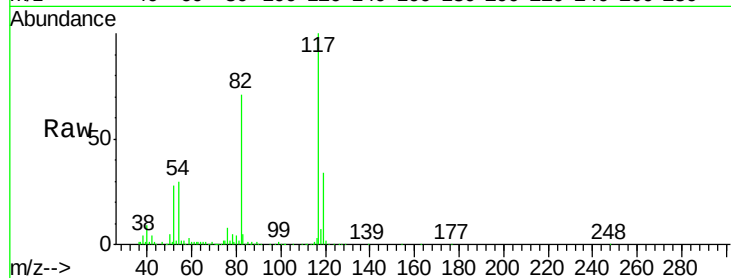
117 100

82 68.5 53.1 79.7

119 32.6 26.7 40.1

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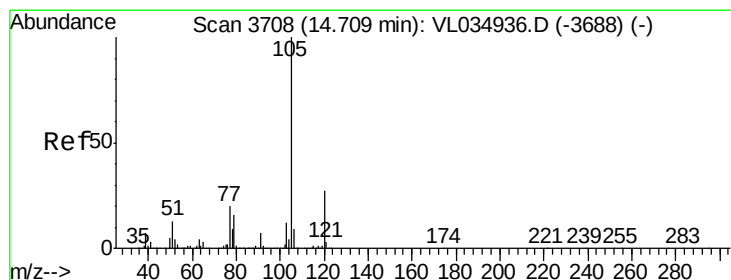
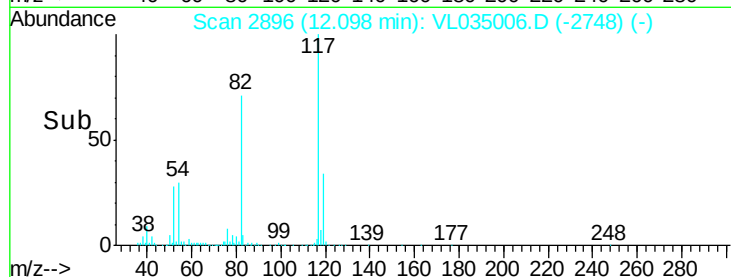
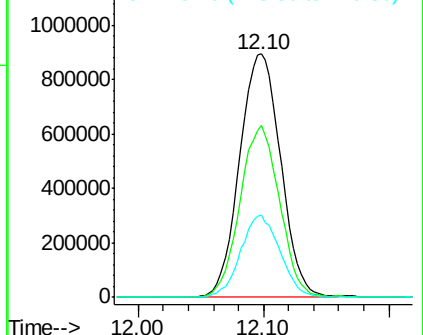
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#62

Isopropylbenzene

Concen: 0.431 ppbv m

RT: 14.68 min Scan# 3700

Delta R.T. -0.03 min

Lab File: VL035006.D

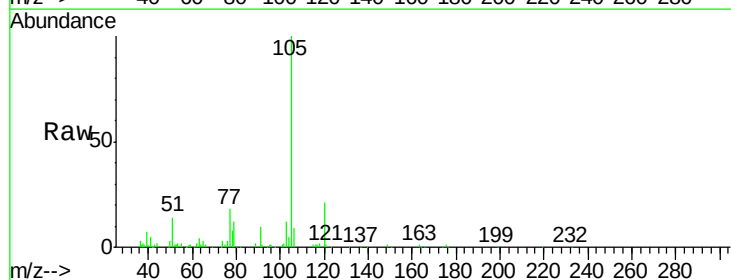
Acq: 13 May 2020 3:23

Tgt Ion:105 Resp: 140420

Ion Ratio Lower Upper

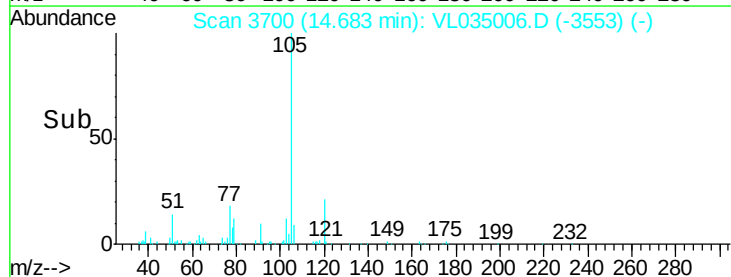
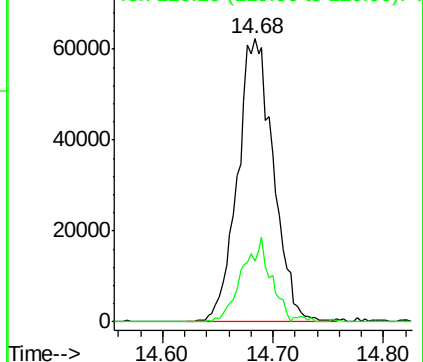
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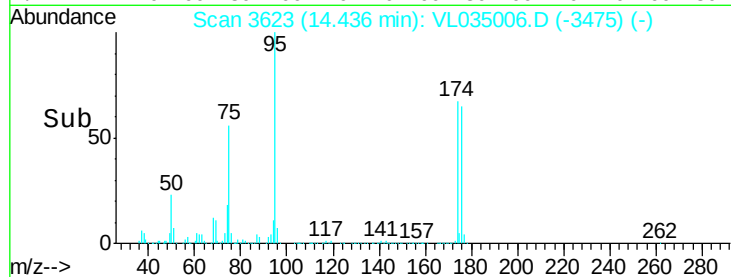
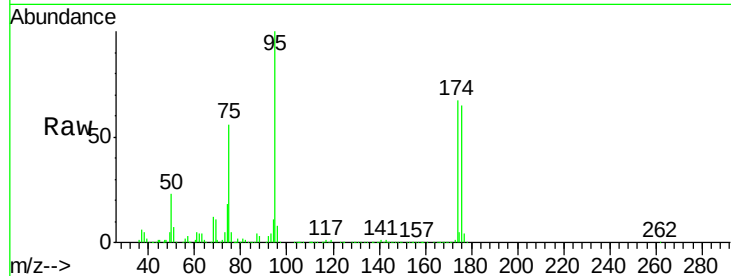
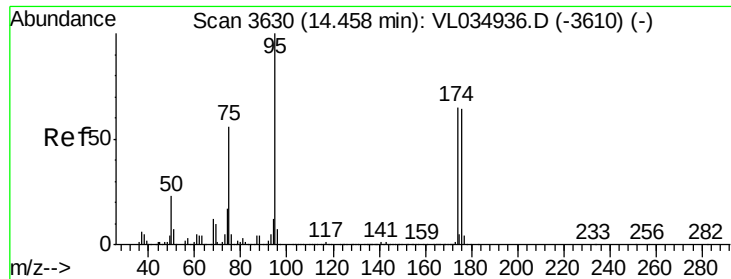
120 0.0 20.6 31.0#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.076 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. -0.02 min

Lab File: VL035006.D

Acq: 13 May 2020 3:23

Tot Ion: 95 Resp: 1657613

Ion Ratio Lower Upper

95 100

174 66.0 51.5 77.3

175 5.1 3.8 5.8

Instrument :

MSVOA_L

ClientSampleId :

SG-5DL

Manual Integrations

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