

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051920\
 Data File : VL035049.D
 Acq On : 19 May 2020 18:18
 Operator : SY/AP
 Sample : L2683-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OADL

Manual Integrations
 APPROVED

MMDadoda
 5/20/2020 4:27:26 PM

Quant Time: May 20 06:05:23 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	5.64	49	1107186	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2495869	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2421904	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2075317	10.59	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.96	41	7929m	0.145	ppbv	
13) Ethanol	3.58	45	10092m	0.558	ppbv	
15) Acetone	3.82	43	78103	0.534	ppbv #	88
20) Methylene Chloride	4.31	84	15633m	0.323	ppbv	

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

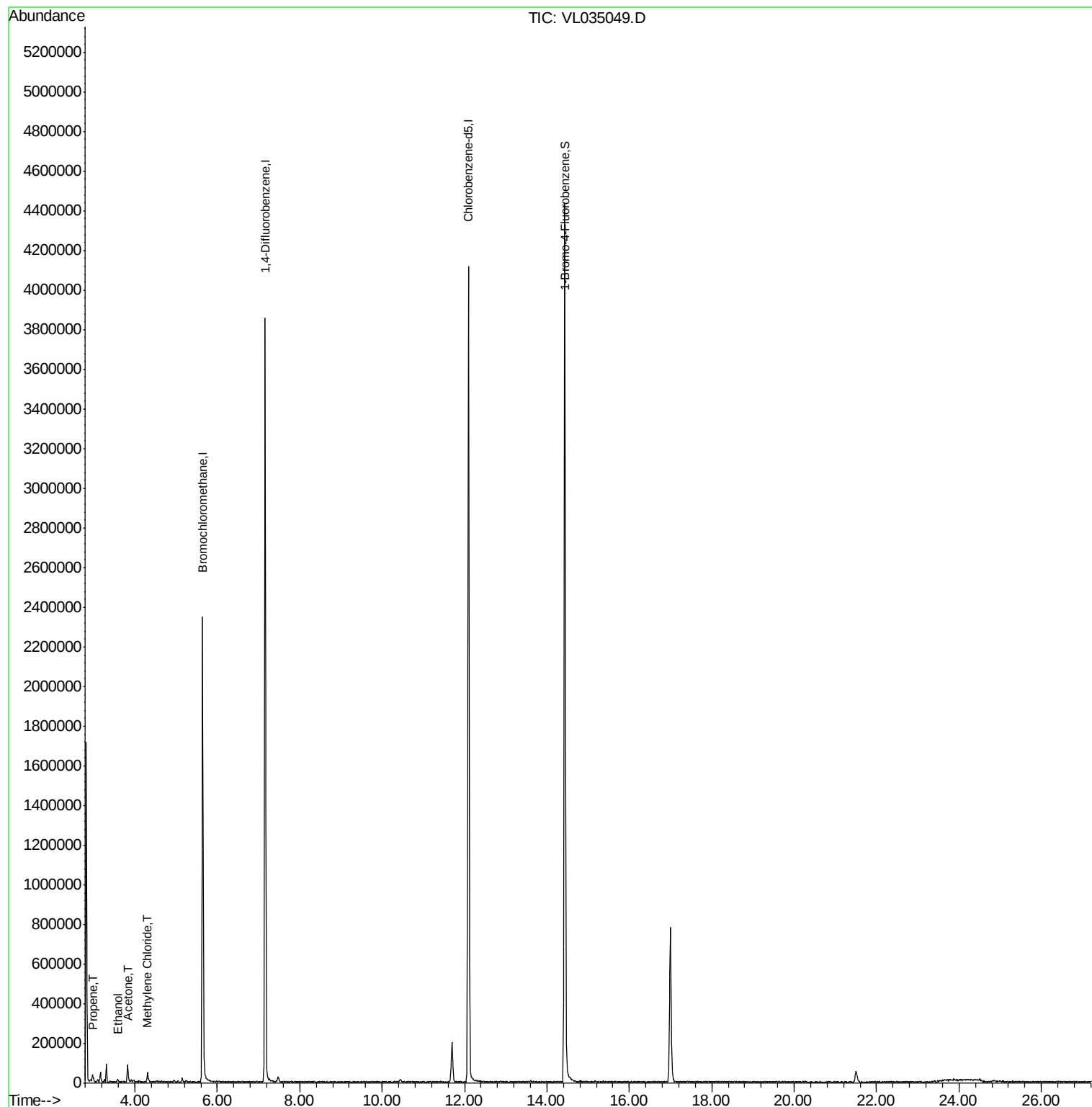
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051920\
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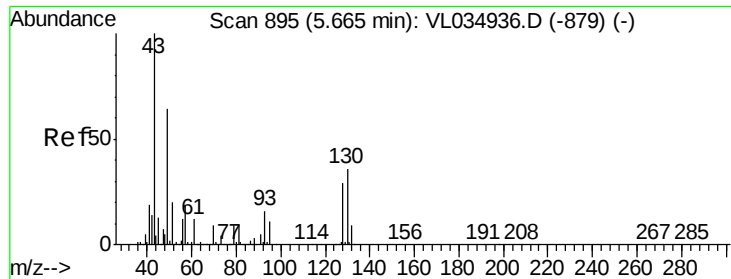
Instrument :
MSVOA_L
ClientSampleId :
OADL

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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

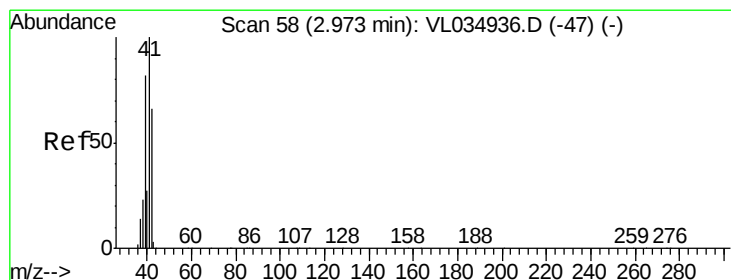
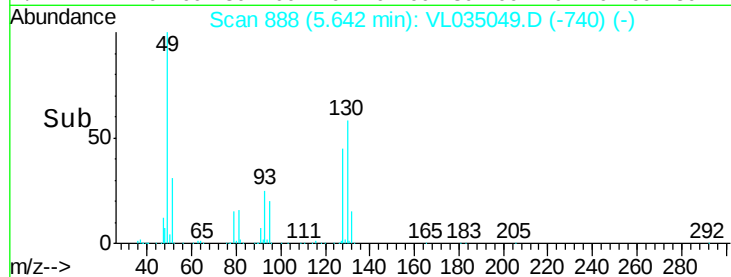
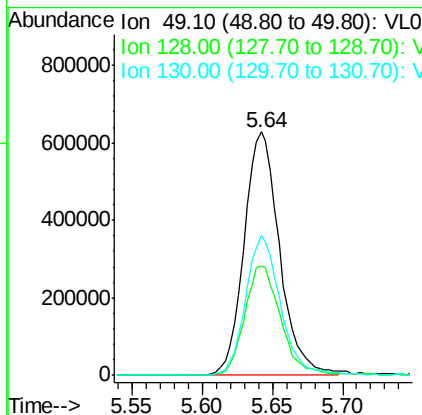
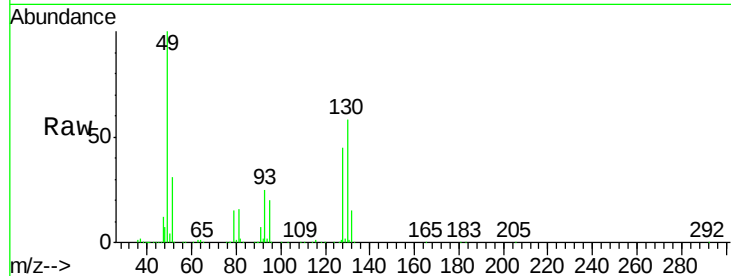
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: VL035049.D
 Acq: 19 May 2020 18:18

Instrument :
 MSVOA_L
 ClientSampleId :
 OADL

Tot Ion: 49 Resp: 1107186
 Ion Ratio Lower Upper
 49 100
 128 46.2 22.1 66.5
 130 57.2 29.1 87.3

Manual Integrations
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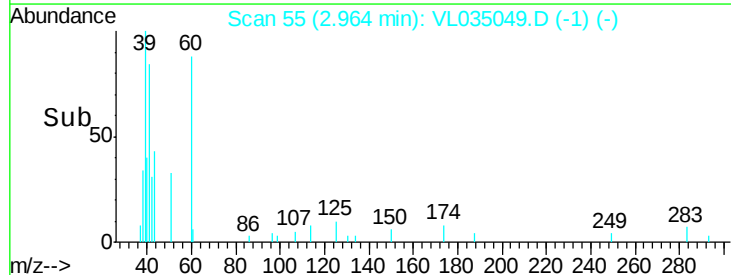
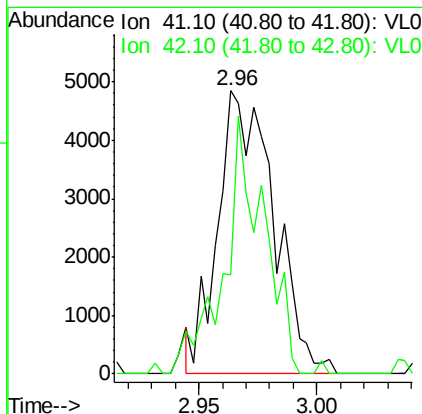
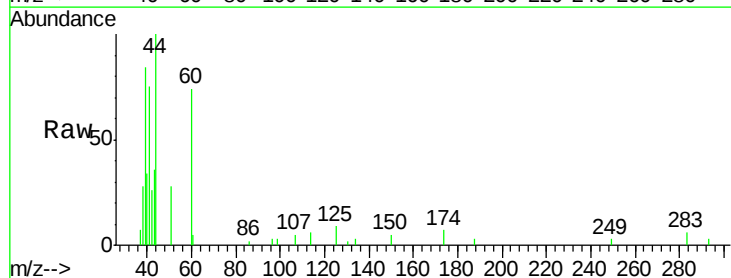
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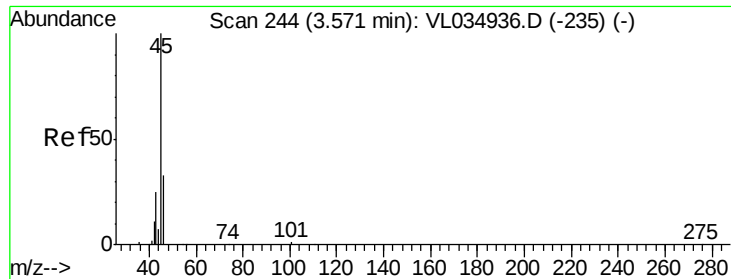


#9

Propene
 Concen: 0.145 ppbv m
 RT: 2.96 min Scan# 55
 Delta R.T. -0.01 min
 Lab File: VL035049.D
 Acq: 19 May 2020 18:18

Tgt Ion: 41 Resp: 7929
 Ion Ratio Lower Upper
 41 100
 42 66.0 54.5 81.7





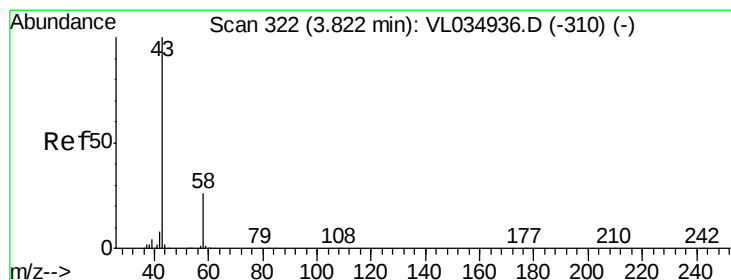
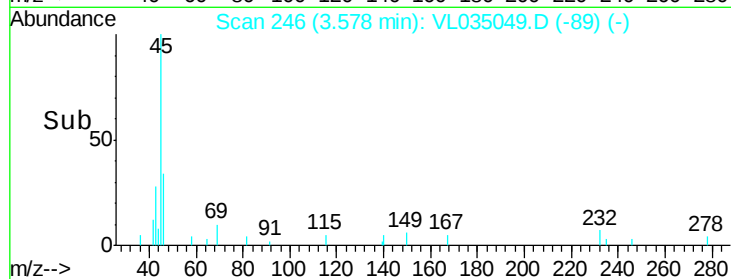
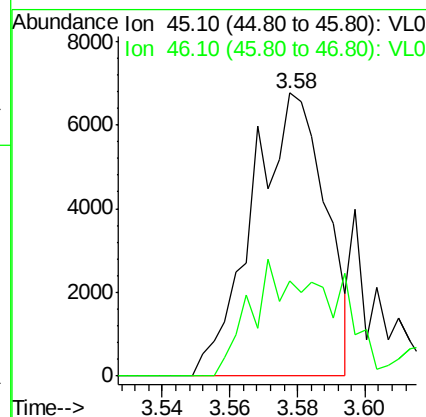
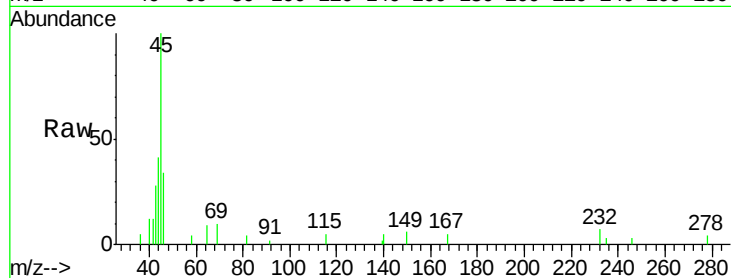
#13
Ethanol
Concen: 0.558 ppbv m
RT: 3.58 min Scan# 246
Delta R.T. 0.01 min
Lab File: VL035049.D
Acq: 19 May 2020 18:18

Instrument :
MSVOA_L
ClientSampleId :
OADL

Tot Ion	45	Resp	10092
Ion Ratio	100	Lower	Upper
45	100		
46	50.0	14.3	57.3

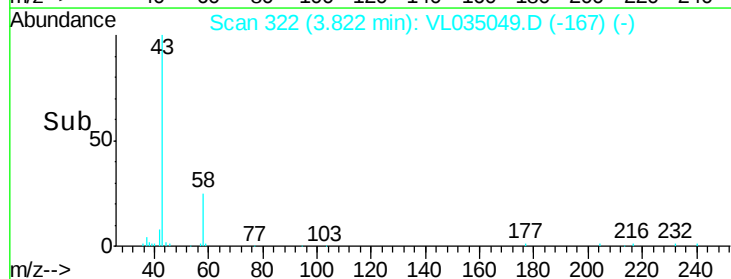
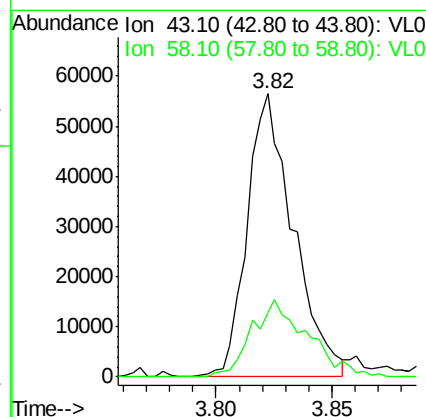
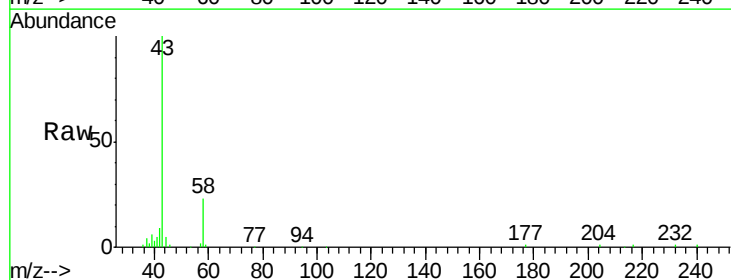
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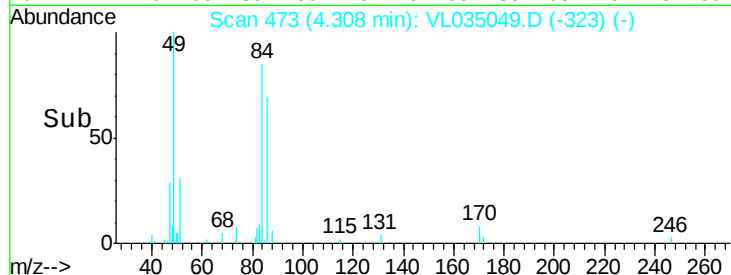
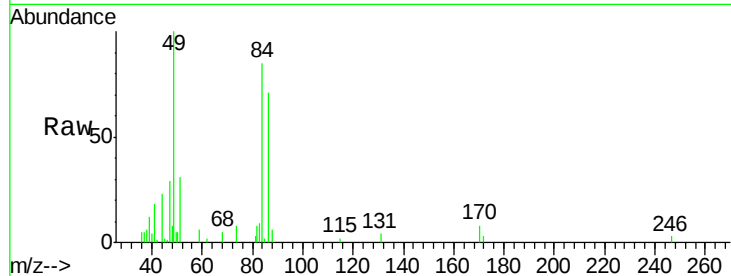
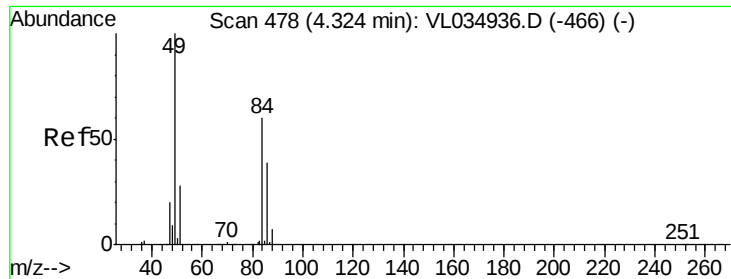
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#15
Acetone
Concen: 0.534 ppbv
RT: 3.82 min Scan# 322
Delta R.T. -0.00 min
Lab File: VL035049.D
Acq: 19 May 2020 18:18

Tgt Ion	43	Resp	78103
Ion Ratio	100	Lower	Upper
43	100		
58	33.1	21.7	32.5#





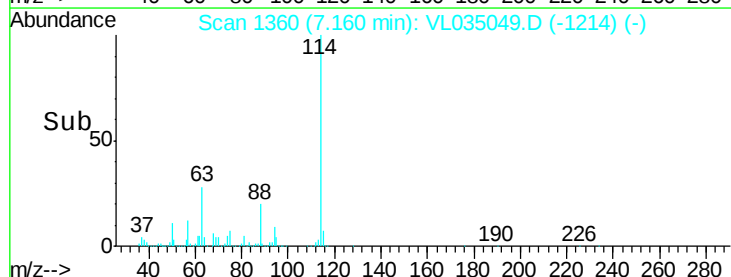
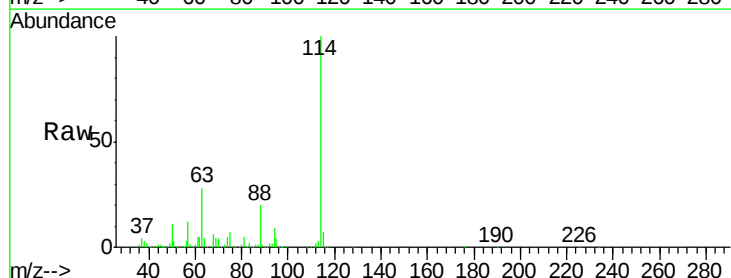
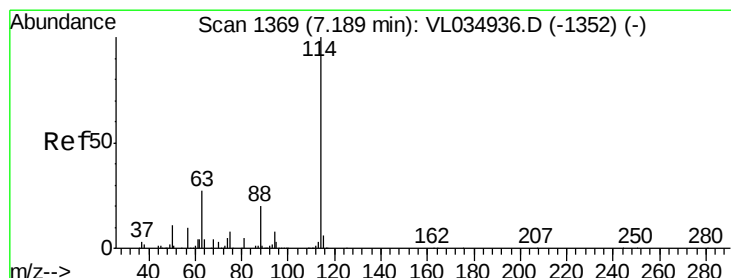
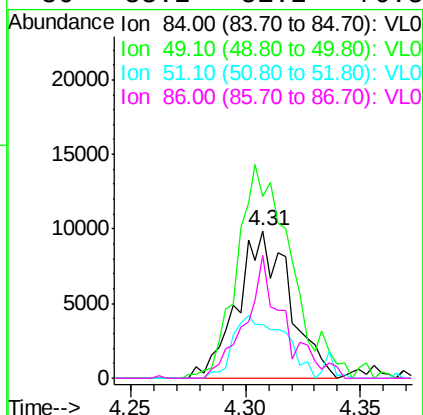
#20
Methvlene Chloride
Concen: 0.323 ppbv m
RT: 4.31 min Scan# 473
Delta R.T. -0.02 min
Lab File: VL035049.D
Acq: 19 May 2020 18:18

Tot Ion: 84 Resp: 15633
Ion Ratio Lower Upper
84 100
49 117.7 132.5 198.7#
51 36.4 38.4 57.6#
86 83.2 51.2 76.8#

Instrument :
MSVOA_L
ClientSampled :
OADL

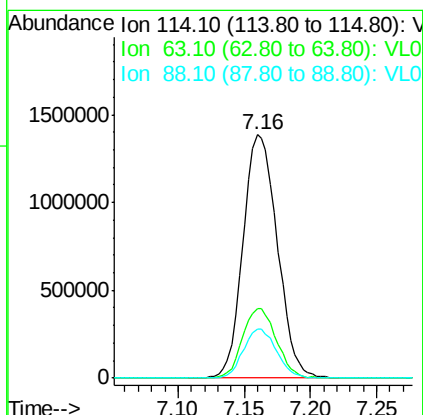
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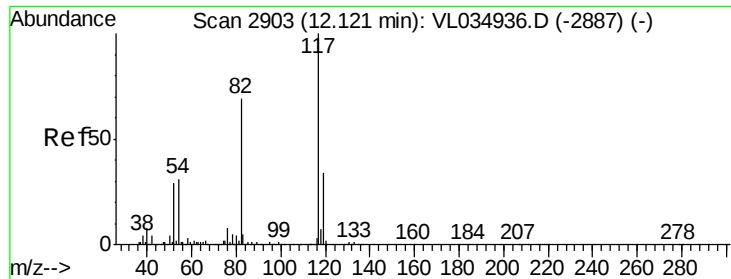
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.03 min
Lab File: VL035049.D
Acq: 19 May 2020 18:18

Tgt Ion: 114 Resp: 2495869
Ion Ratio Lower Upper
114 100
63 28.4 22.2 33.4
88 19.5 15.5 23.3





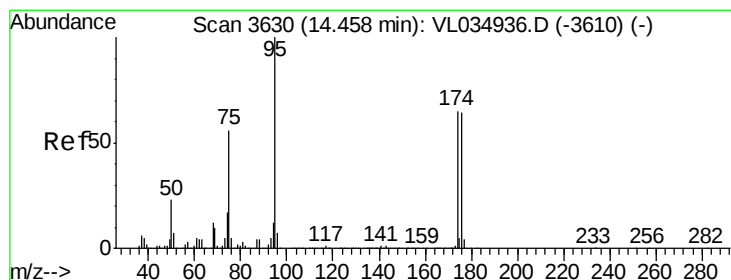
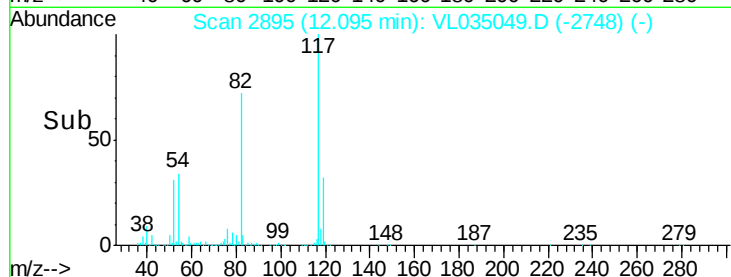
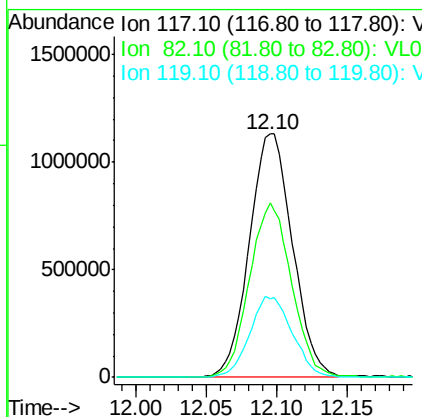
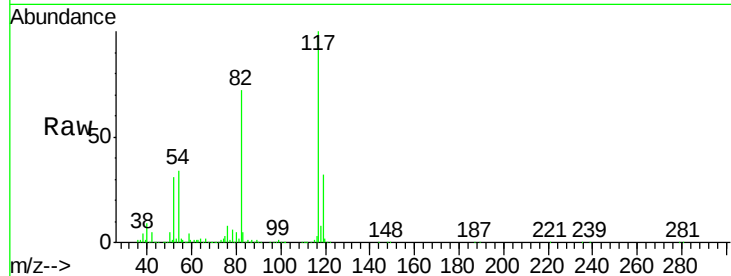
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL035049.D
Acq: 19 May 2020 18:18

Instrument :
MSVOA_L
ClientSampleId :
OADL

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.3	53.1	79.7
119	32.9	26.7	40.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.586 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.03 min
Lab File: VL035049.D
Acq: 19 May 2020 18:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.1	51.5	77.3
175	4.5	3.8	5.8

