

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022521\
 Data File : VL036386.D
 Acq On : 25 Feb 2021 18:16
 Operator : SY/AP
 Sample : M1463-14DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-6DL

Manual Integrations
 APPROVED

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 3/1/2021 10:02:52 AM

Quant Time: Feb 26 15:44:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1564734	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3320965	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2959789	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2419034	9.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	31188m	2.291	ppbv	
15) Acetone	3.85	43	85312	0.446	ppbv #	60
20) Methylene Chloride	4.33	84	187291	3.035	ppbv	93
26) Hexane	5.67	57	248876	1.640	ppbv #	39

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

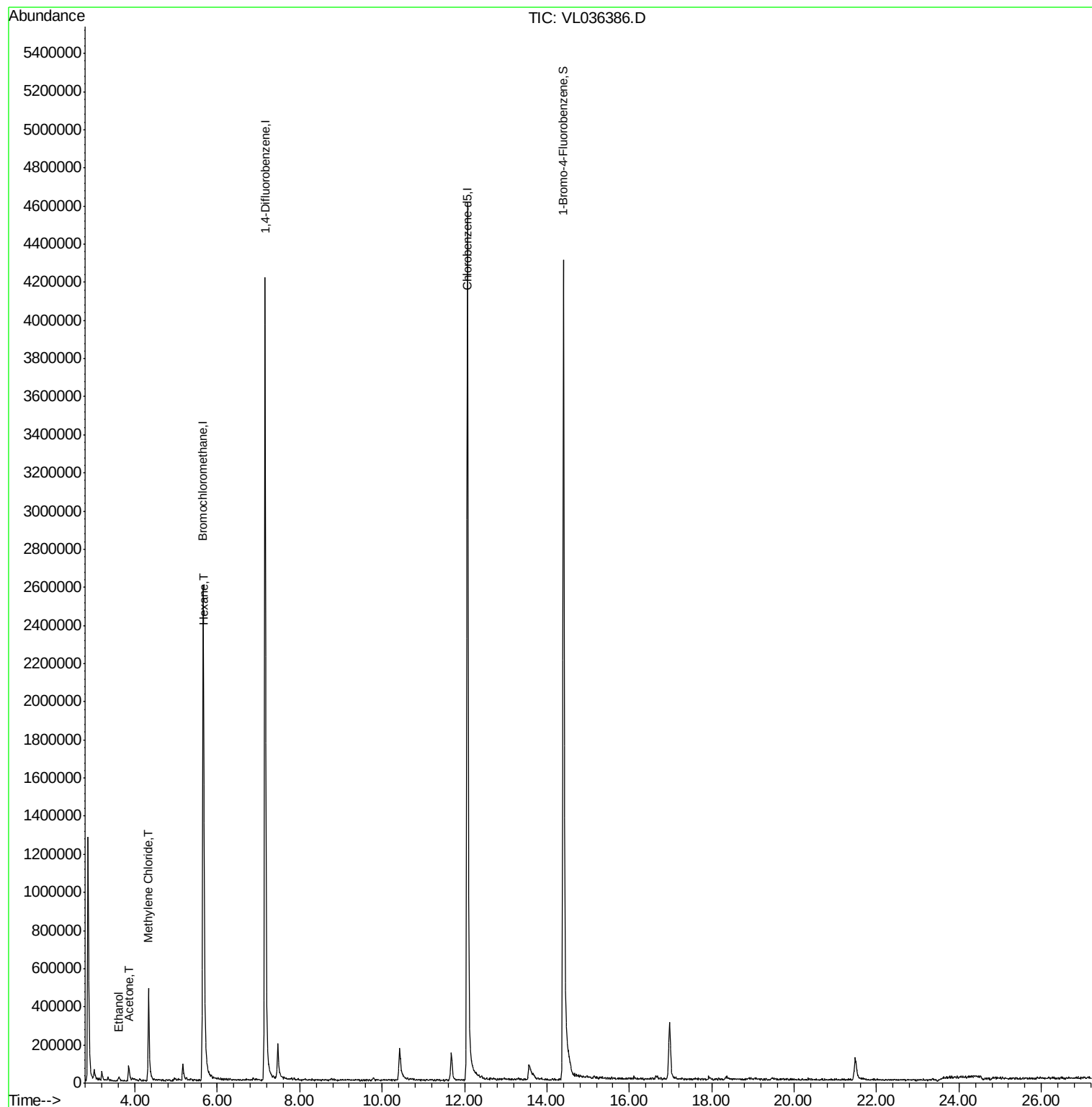
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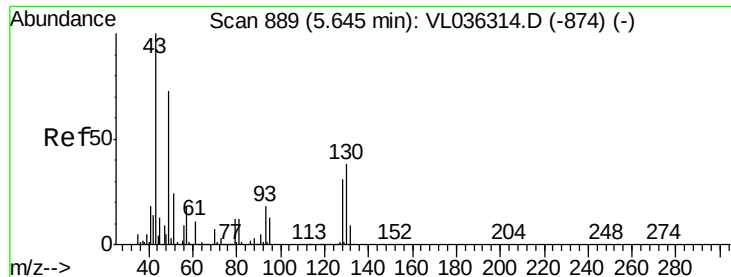
Instrument :
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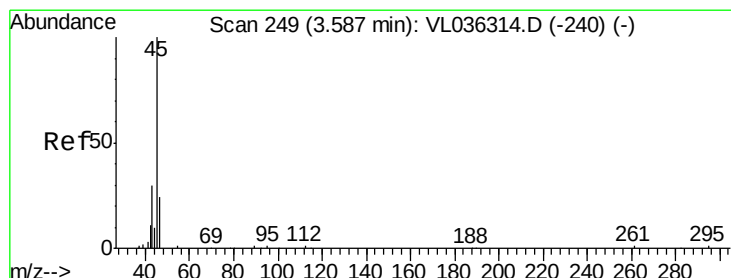
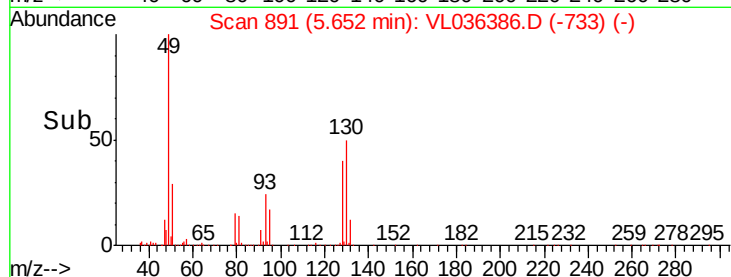
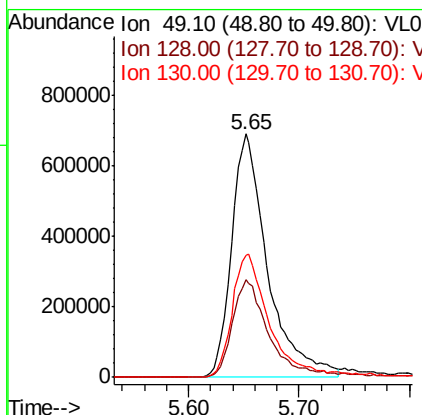
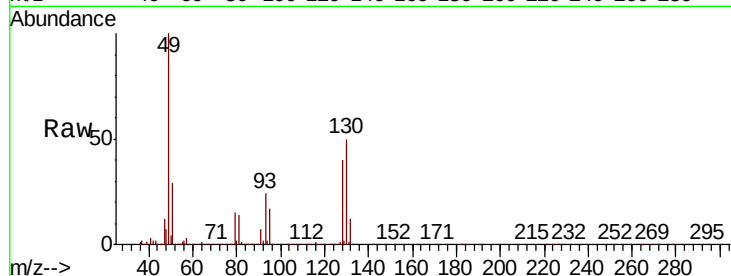
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. 0.01 min
Lab File: VL036386.D
Acq: 25 Feb 2021 18:16

Instrument :
MSVOA_L
ClientSampled :
NS-6DL

Tot Ion: 49 Resp: 1564734
Ion Ratio Lower Upper
49 100
128 42.3 20.8 62.5
130 53.9 26.7 80.1

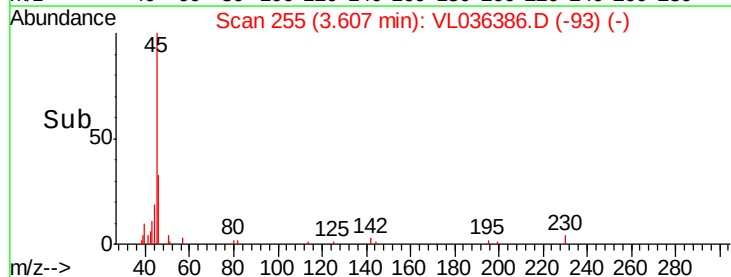
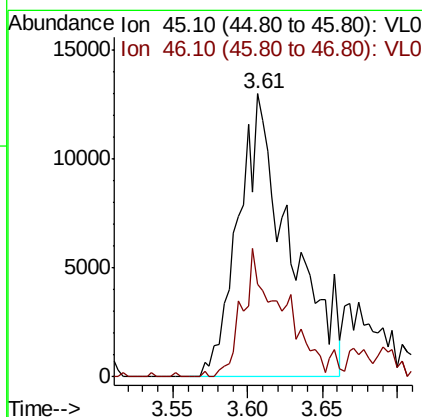
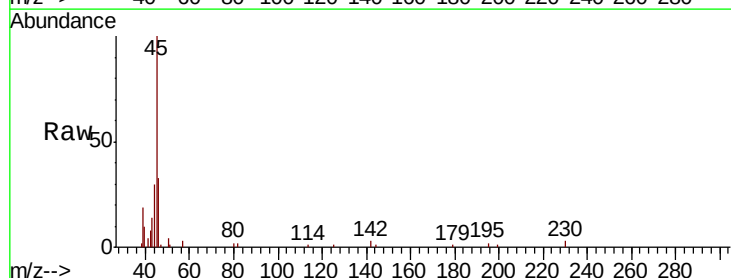
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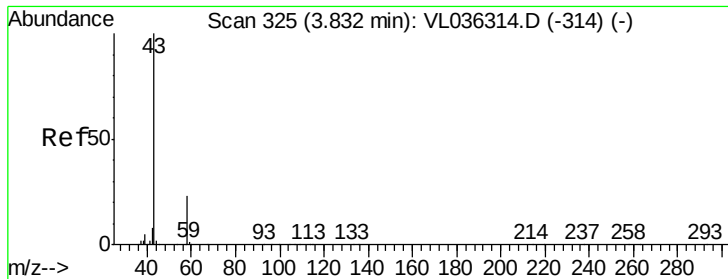
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#13
Ethanol
Concen: 2.291 ppbv m
RT: 3.61 min Scan# 255
Delta R.T. 0.02 min
Lab File: VL036386.D
Acq: 25 Feb 2021 18:16

Tgt Ion: 45 Resp: 31188
Ion Ratio Lower Upper
45 100
46 0.0 17.7 70.7#





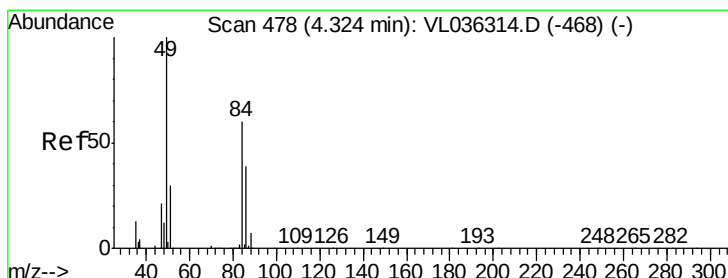
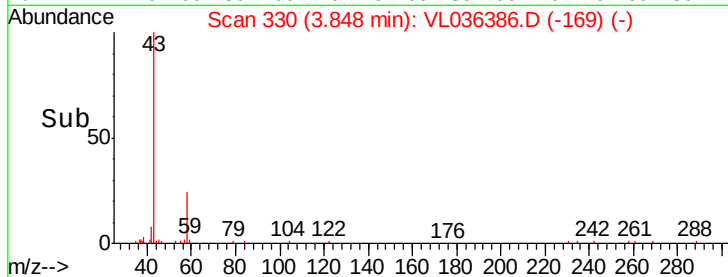
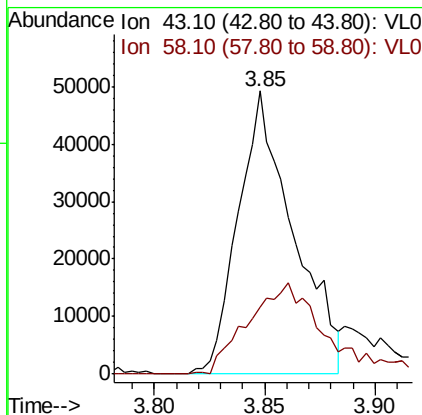
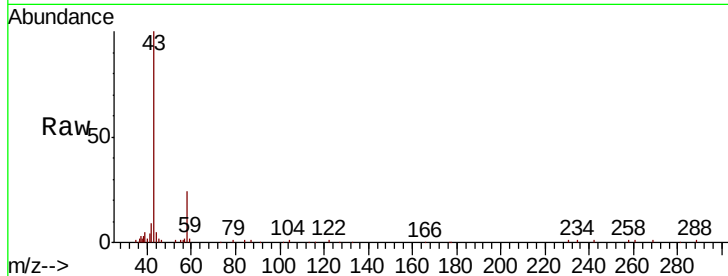
#15
Acetone
Concen: 0.446 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.02 min
Lab File: VL036386.D
Acq: 25 Feb 2021 18:16

Instrument :
MSVOA_L
ClientSampled :
NS-6DL

Tot Ion: 43 Resp: 85312
Ion Ratio Lower Upper
43 100
58 45.6 20.3 30.5#

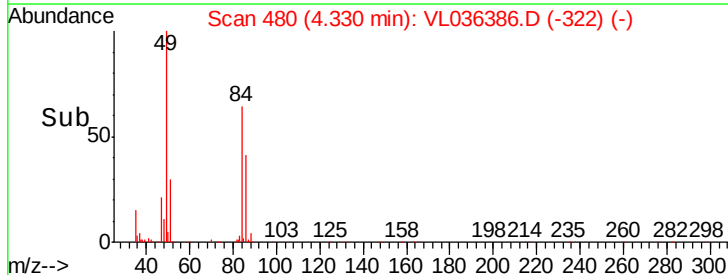
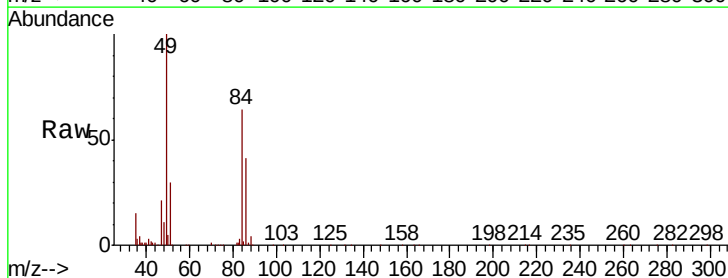
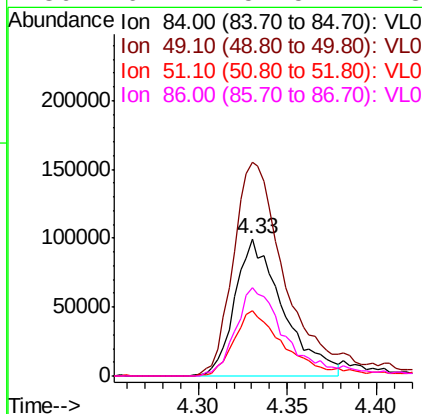
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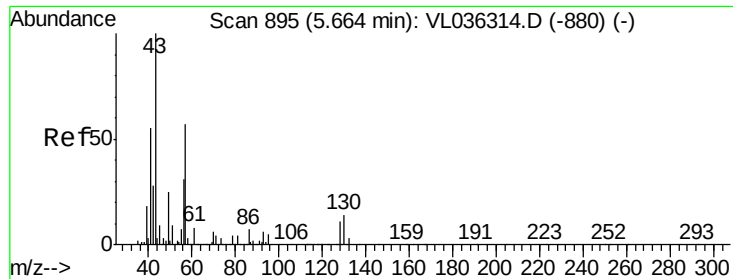
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#20
Methylene Chloride
Concen: 3.035 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.01 min
Lab File: VL036386.D
Acq: 25 Feb 2021 18:16

Tgt Ion: 84 Resp: 187291
Ion Ratio Lower Upper
84 100
49 155.2 133.8 200.8
51 47.2 41.4 62.0
86 64.1 51.5 77.3





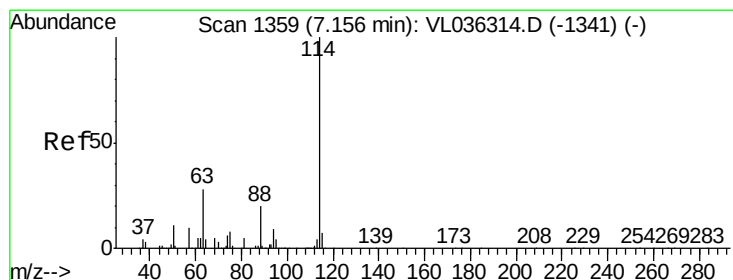
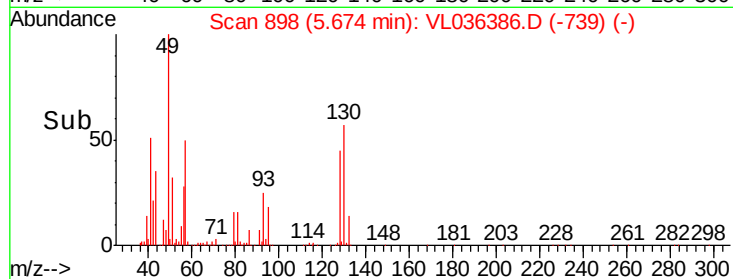
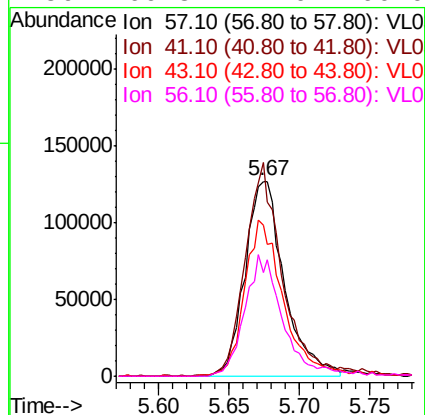
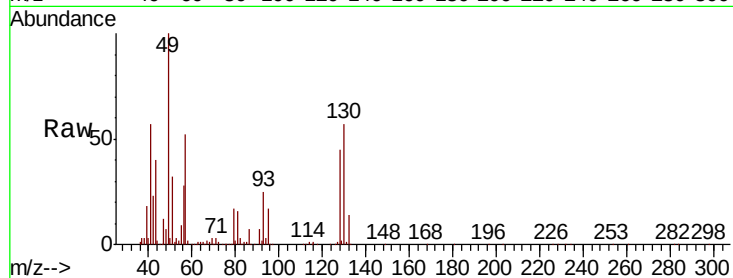
#26
Hexane
Concen: 1.640 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL036386.D
Acq: 25 Feb 2021 18:16

Instrument :
MSVOA_L
ClientSampleId :
NS-6DL

Tot Ion	57	Resp	248876
Ion	Ratio	Lower	Upper
57	100		
41	105.9	81.7	122.5
43	80.3	199.1	298.7#
56	60.8	44.0	66.0

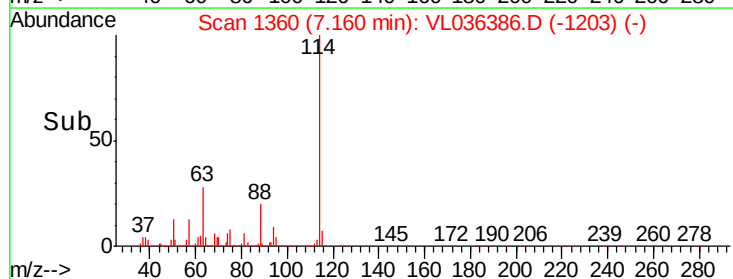
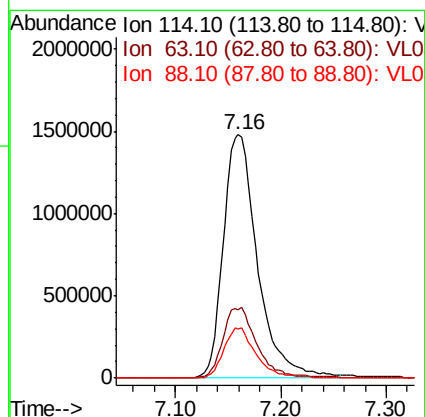
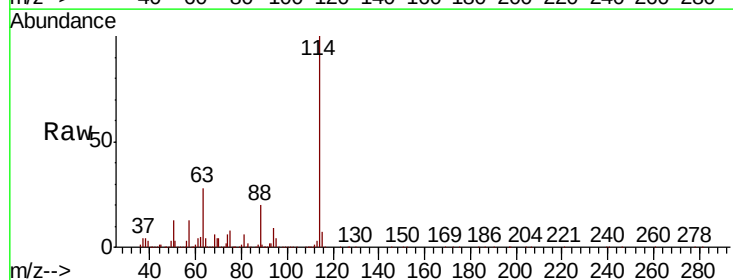
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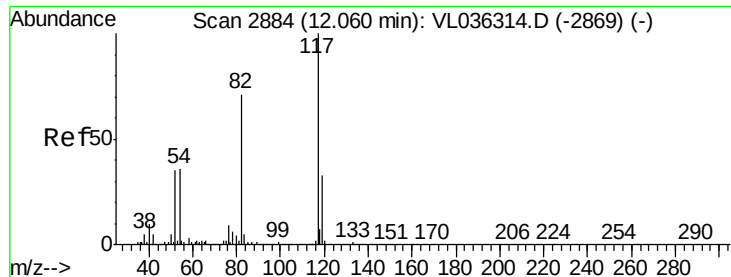
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.00 min
Lab File: VL036386.D
Acq: 25 Feb 2021 18:16

Tgt Ion	114	Resp	3320965
Ion	Ratio	Lower	Upper
114	100		
63	29.5	24.1	36.1
88	19.8	16.0	24.0





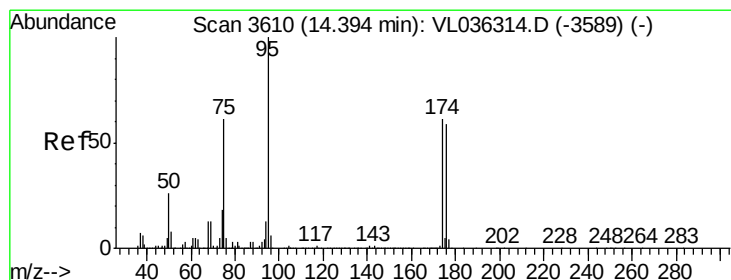
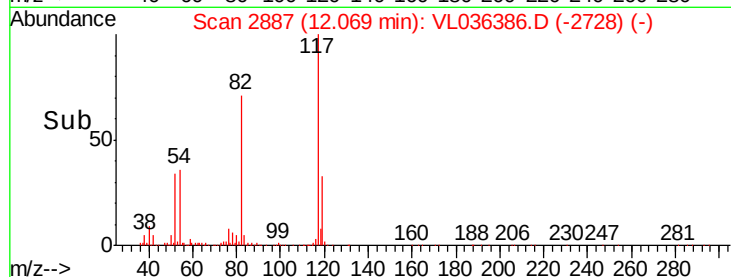
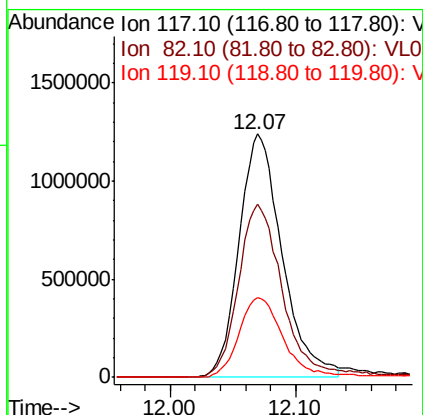
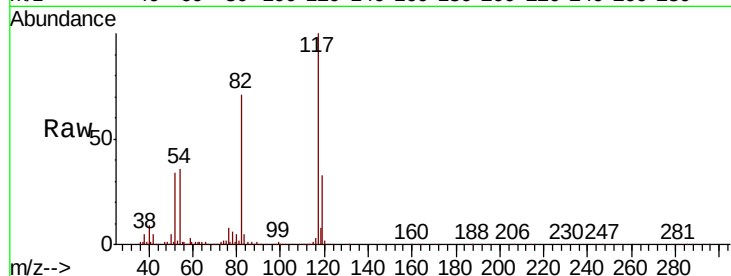
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. 0.01 min
Lab File: VL036386.D
Acq: 25 Feb 2021 18:16

Instrument :
MSVOA_L
ClientSampleId :
NS-6DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	75.7	59.1	88.7
119	34.6	46.3	69.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.934 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.01 min
Lab File: VL036386.D
Acq: 25 Feb 2021 18:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.9	49.8	74.6
175	4.7	3.7	5.5

