

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL060121\
 Data File : VL037072.D
 Acq On : 1 Jun 2021 16:22
 Operator : SY/AP
 Sample : M2559-02DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 HSG2DL

Manual Integrations
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Quant Time: Jun 04 11:32:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1497287	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4720948	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	4135121	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3190238	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) Heptane	8.11	43	496289	2.027	ppbv	99
13) Ethanol	3.62	45	68511m	5.228	ppbv	
15) Acetone	3.85	43	782852	5.105	ppbv	99
20) Methylene Chloride	4.33	84	479891	5.837	ppbv	97
26) Hexane	5.67	57	412743	2.192	ppbv #	46
53) Toluene	9.79	91	891096	1.842	ppbv	99
59) m/p-Xylene	12.94	91	95810m	0.199	ppbv	

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

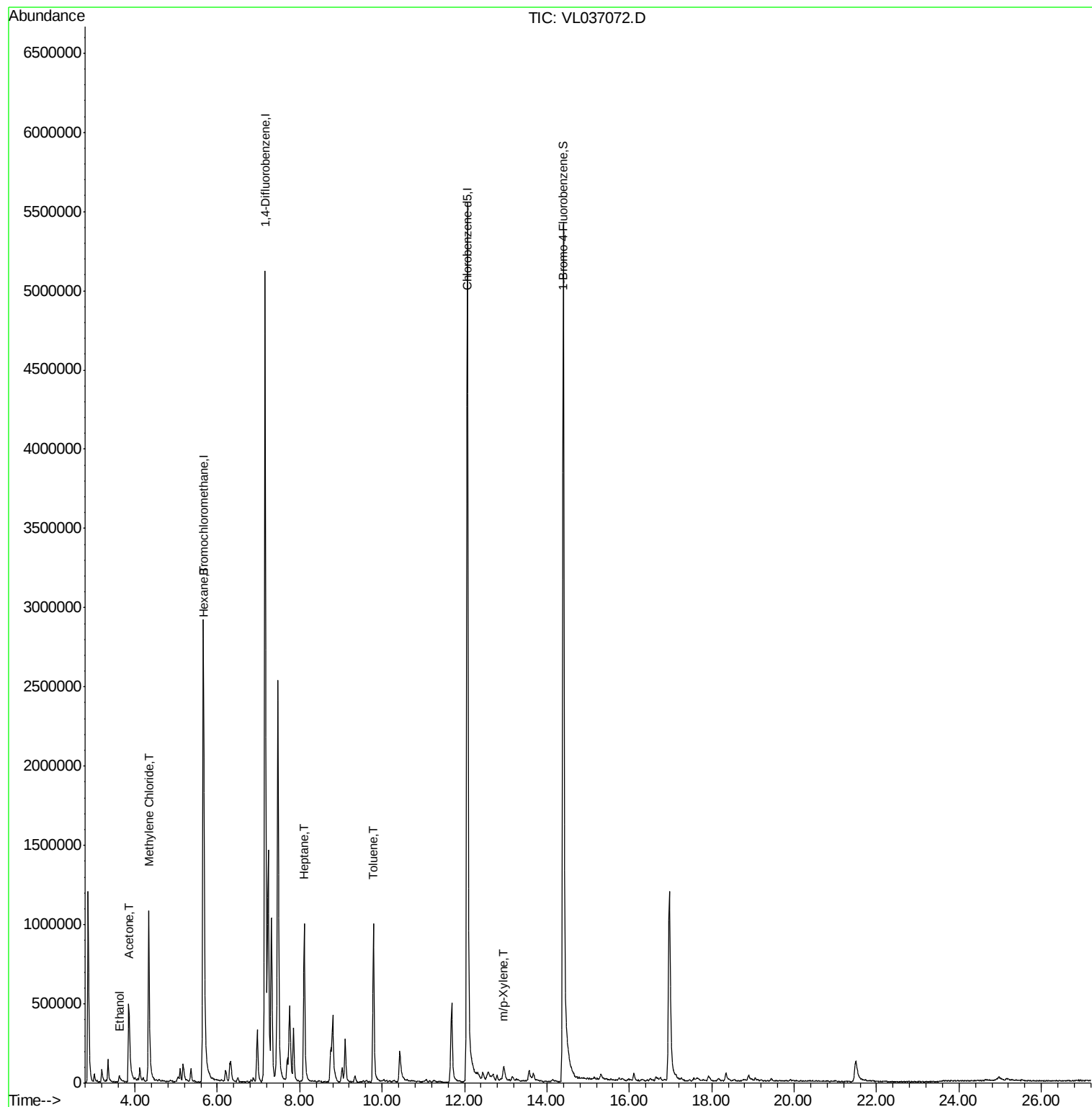
Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL060121\
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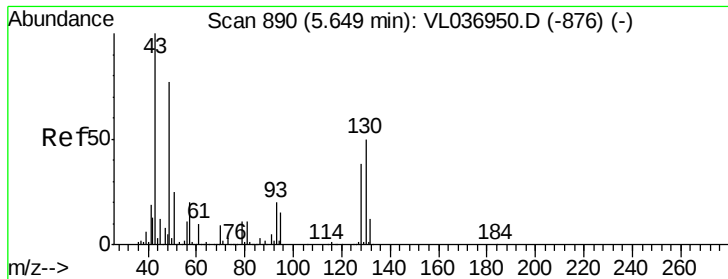
Instrument :
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QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

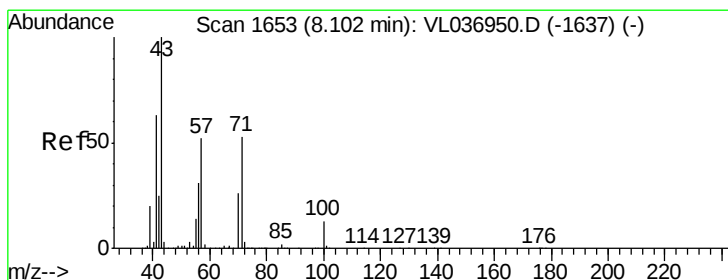
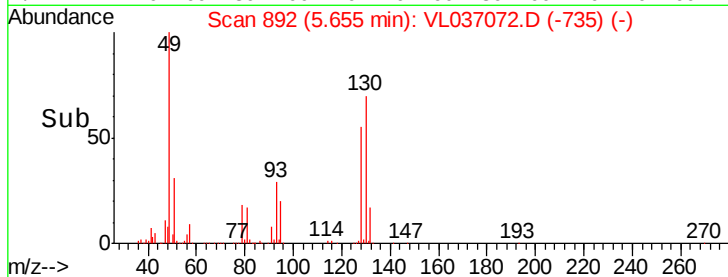
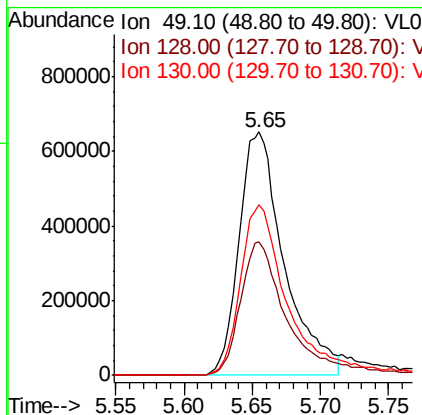
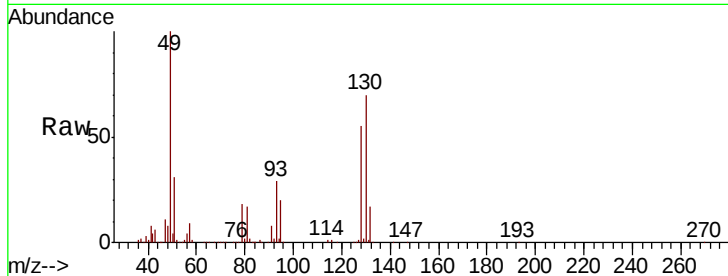
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. 0.01 min
Lab File: VL037072.D
Acq: 1 Jun 2021 16:22

Instrument :
MSVOA_L
ClientSampleId :
HSG2DL

Tot Ion: 49 Resp: 1497287
Ion Ratio Lower Upper
49 100
128 59.0 26.9 80.7
130 76.2 33.8 101.4

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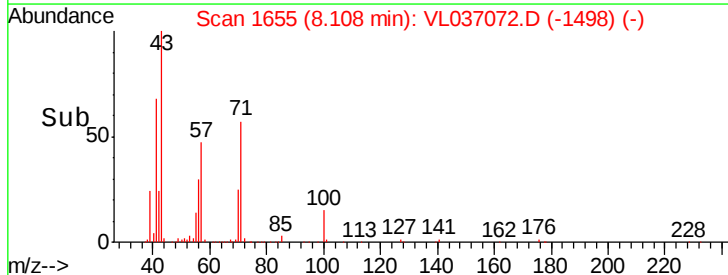
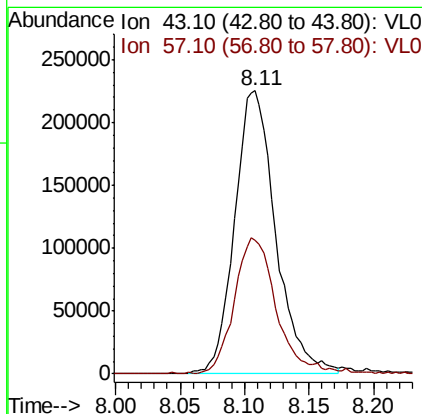
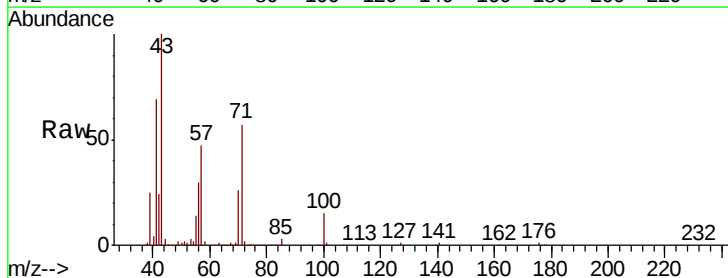
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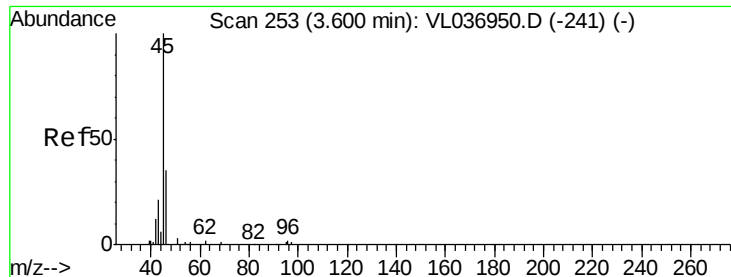


#10

Heptane
Concen: 2.027 ppbv
RT: 8.11 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VL037072.D
Acq: 1 Jun 2021 16:22

Tgt Ion: 43 Resp: 496289
Ion Ratio Lower Upper
43 100
57 50.5 41.0 61.6





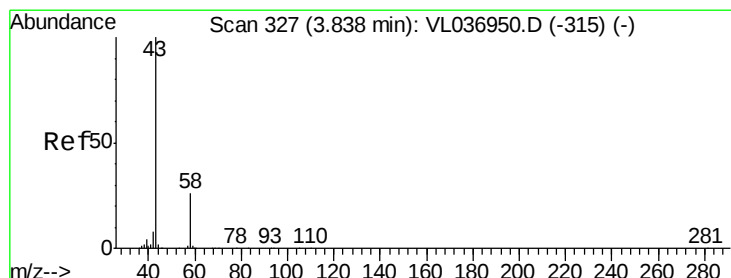
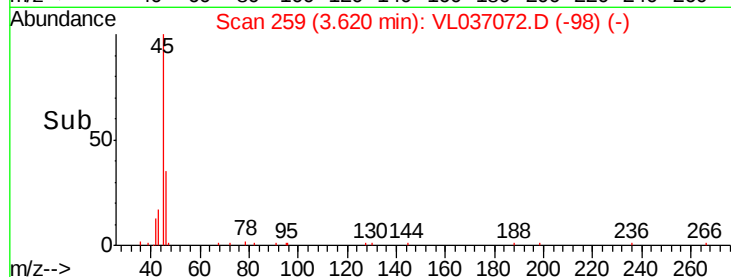
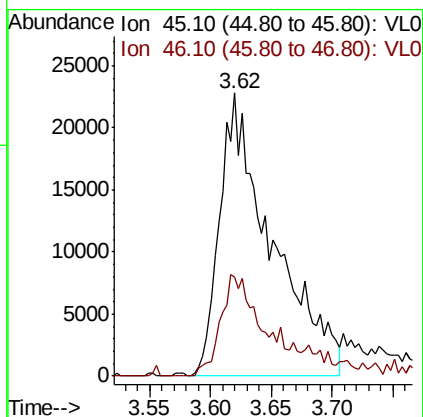
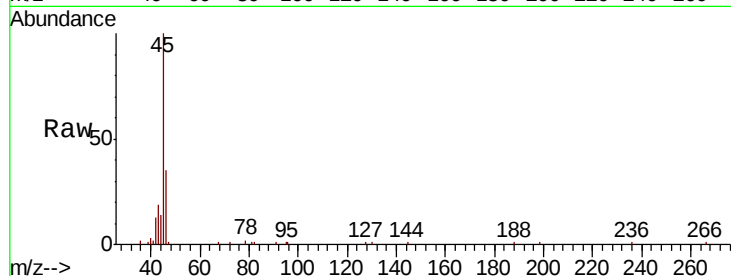
#13
Ethanol
Concen: 5.228 ppbv m
RT: 3.62 min Scan# 259
Delta R.T. 0.02 min
Lab File: VL037072.D
Acq: 1 Jun 2021 16:22

Instrument :
MSVOA_L
ClientSampled :
HSG2DL

Tot Ion	45	46	Ratio	Lower	Upper
Resp:	68511				
Ion	45	46	100	36.9	16.3
				65.3	

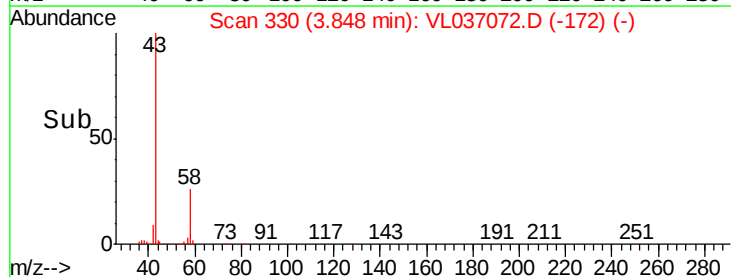
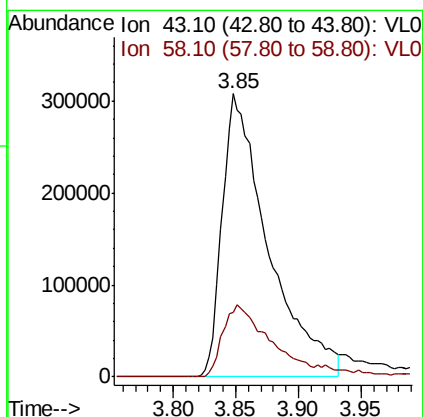
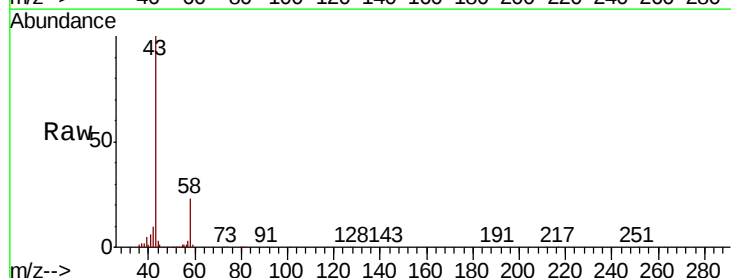
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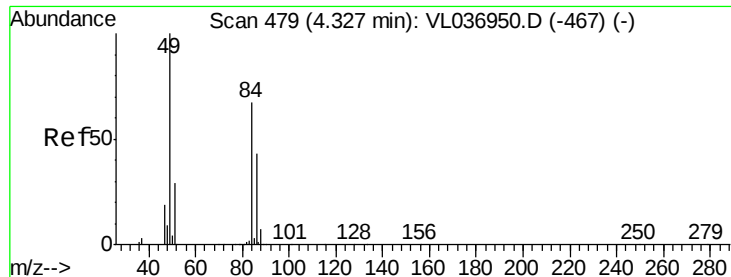
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#15
Acetone
Concen: 5.105 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL037072.D
Acq: 1 Jun 2021 16:22

Tgt Ion	43	58	Ratio	Lower	Upper
Resp:	782852				
Ion	43	58	100	30.5	24.0
				36.0	





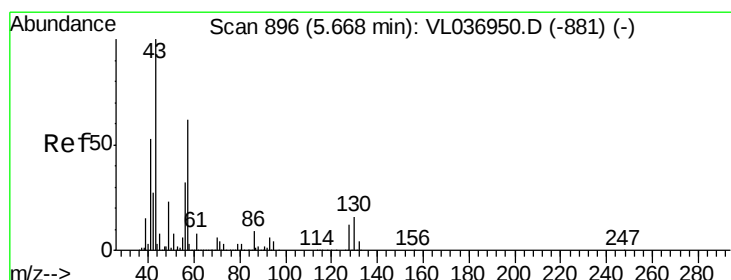
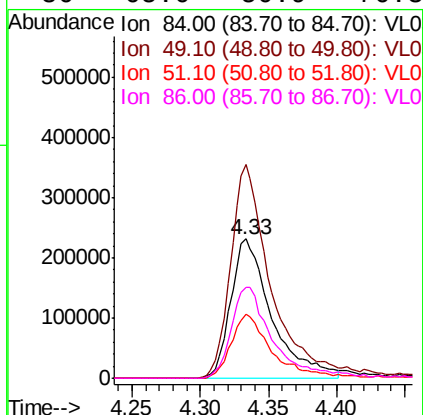
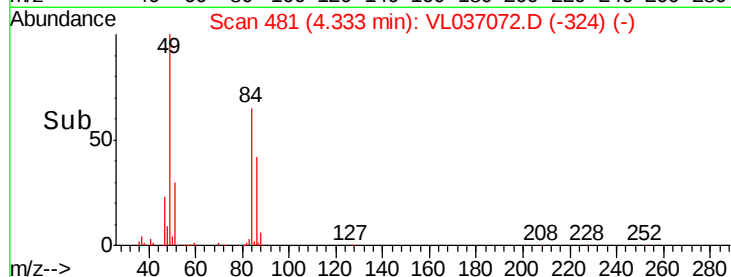
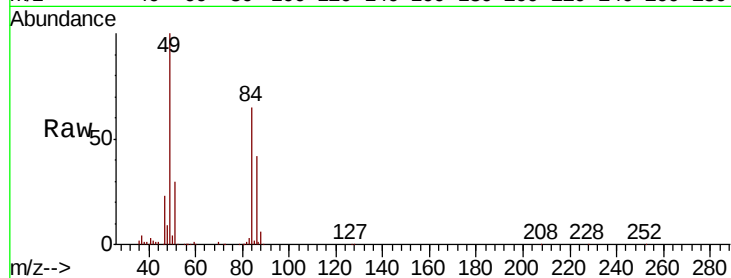
#20
Methvlene Chloride
Concen: 5.837 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL037072.D
Acq: 1 Jun 2021 16:22

Instrument :
MSVOA_L
ClientSampled :
HSG2DL

Tot Ion	84	Resp	479891
Ion	Ratio	Lower	Upper
84	100		
49	153.4	119.8	179.6
51	46.2	35.1	52.7
86	65.0	50.9	76.3

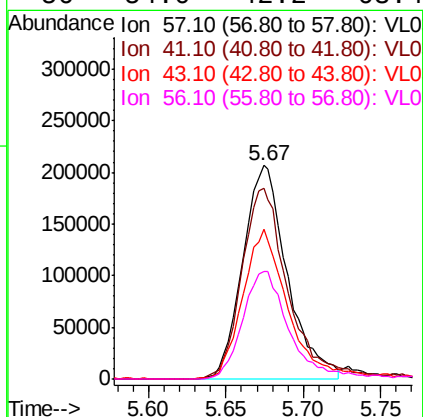
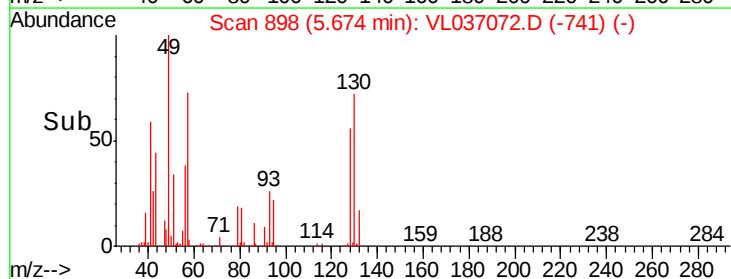
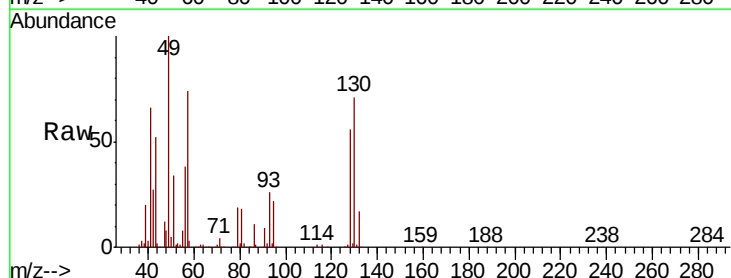
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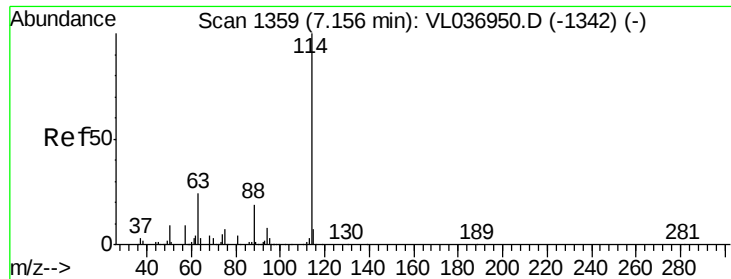
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#26
Hexane
Concen: 2.192 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL037072.D
Acq: 1 Jun 2021 16:22

Tgt Ion	57	Resp	412743
Ion	Ratio	Lower	Upper
57	100		
41	95.0	70.5	105.7
43	72.5	165.8	248.8#
56	54.0	42.2	63.4





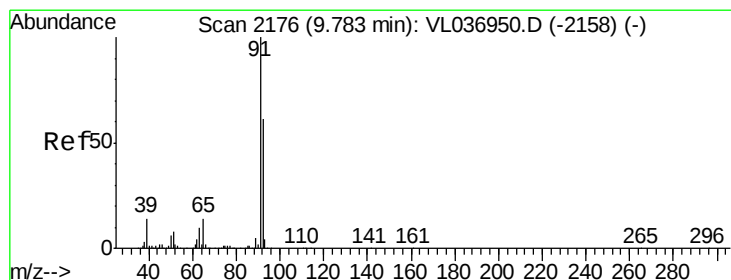
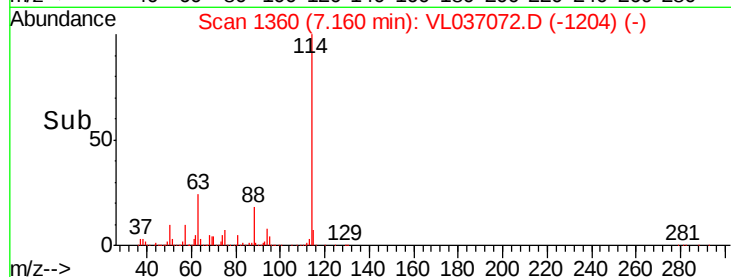
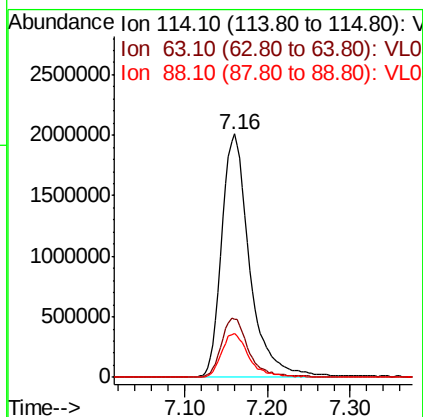
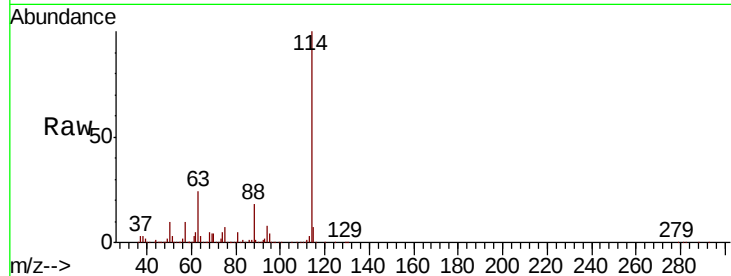
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VL037072.D
 Acq: 1 Jun 2021 16:22

Instrument :
 MSVOA_L
 ClientSampled :
 HSG2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.6	29.4
88	17.8	14.6	21.8

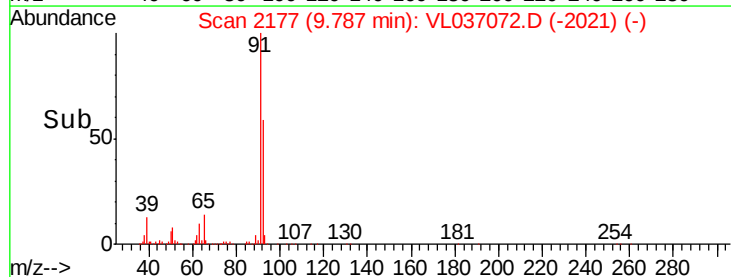
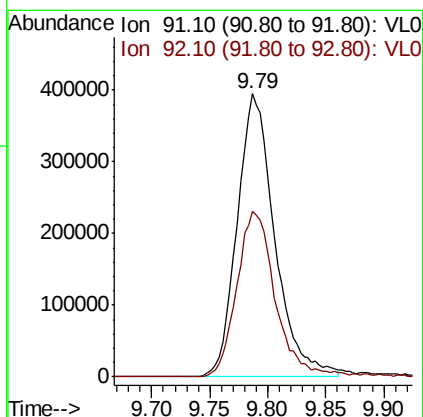
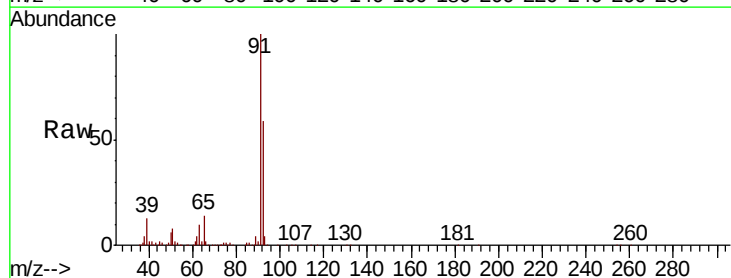
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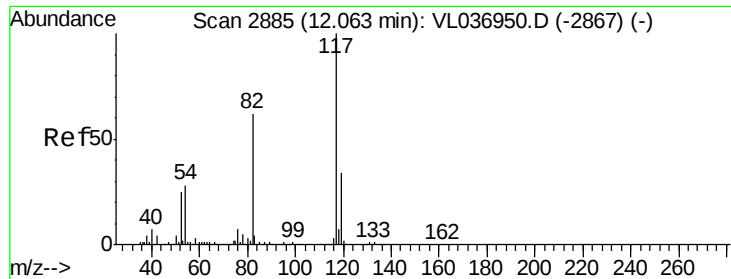
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#53
 Toluene
 Concen: 1.842 ppbv
 RT: 9.79 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VL037072.D
 Acq: 1 Jun 2021 16:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.9	49.5	74.3





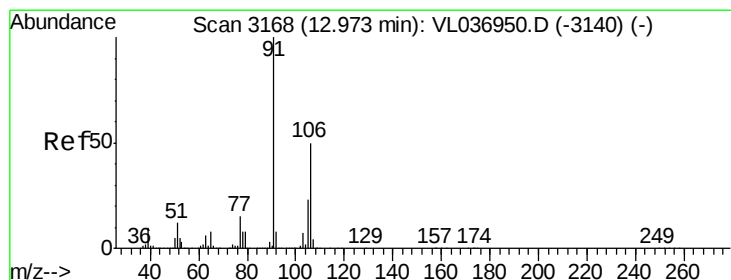
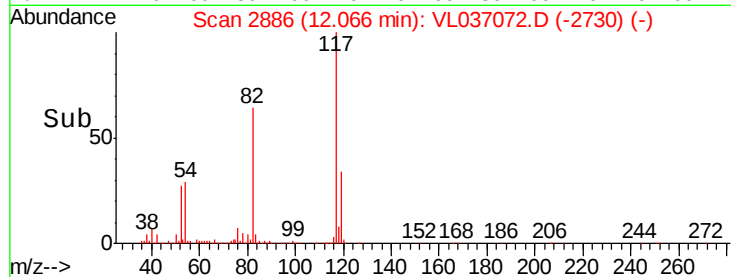
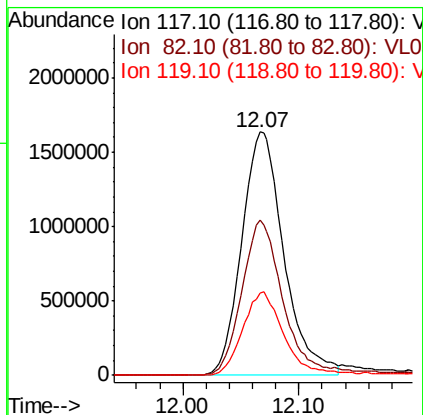
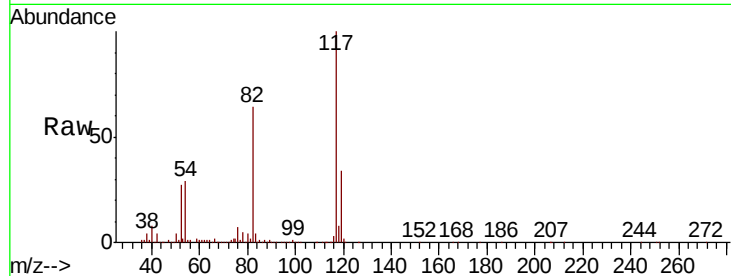
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VL037072.D
Acq: 1 Jun 2021 16:22

Instrument :
MSVOA_L
ClientSampleId :
HSG2DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.0	52.6	79.0
119	34.4	46.6	70.0

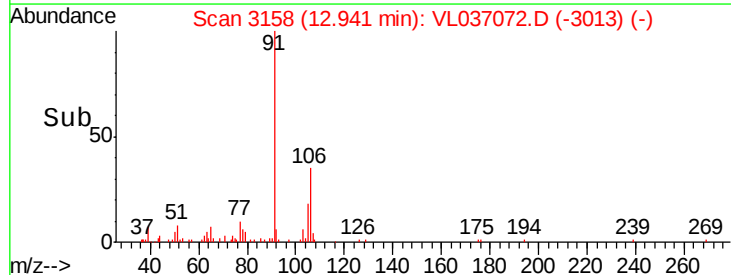
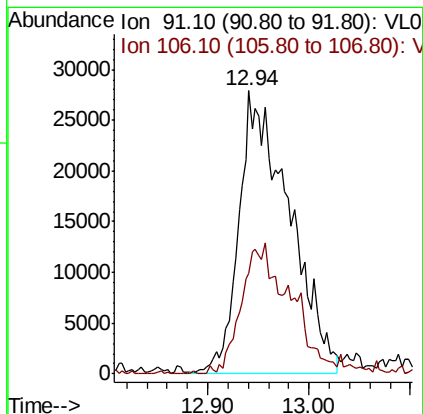
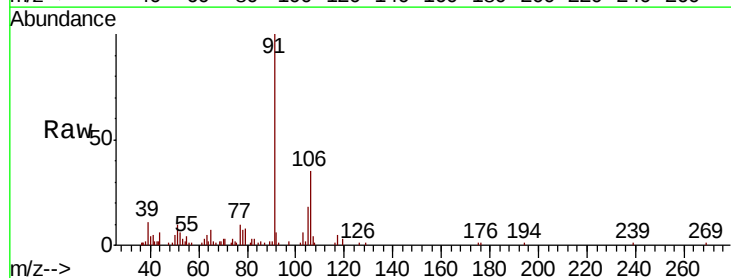
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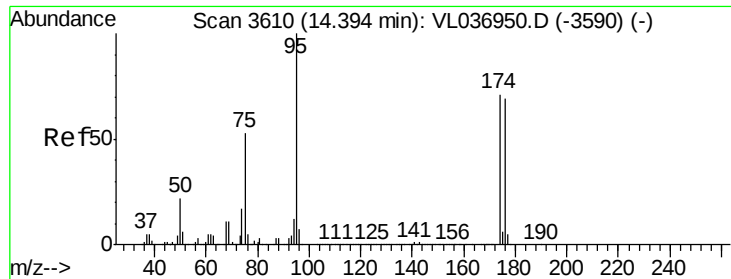
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#59
m/p-Xylene
Concen: 0.199 ppbv m
RT: 12.94 min Scan# 3158
Delta R.T. -0.03 min
Lab File: VL037072.D
Acq: 1 Jun 2021 16:22

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.4	56.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.270 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. 0.00 min
 Lab File: VL037072.D
 Acq: 1 Jun 2021 16:22

Instrument :
 MSVOA_L
 ClientSampleId :
 HSG2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	74.2	58.4	87.6
175	5.3	4.4	6.6

Manual Integrations
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