

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037811.D
 Acq On : 8 Oct 2021 00:59
 Operator : SY/AP
 Sample : M4079-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P45DL

Manual Integrations
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Quant Time: Oct 08 11:13:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1437095	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4155620	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3540346	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2505506	10.12	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	16622m	0.164	ppbv	
11) Trichlorofluoromethane	3.94	101	109215	0.533	ppbv	90
13) Ethanol	3.59	45	1950631	234.763	ppbv	80
15) Acetone	3.84	43	215523	1.671	ppbv	95
19) Isopropyl Alcohol	3.95	45	128122	1.596	ppbv #	92
20) Methylene Chloride	4.33	84	99229	1.522	ppbv #	92
26) Hexane	5.67	57	54710	0.307	ppbv #	48

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

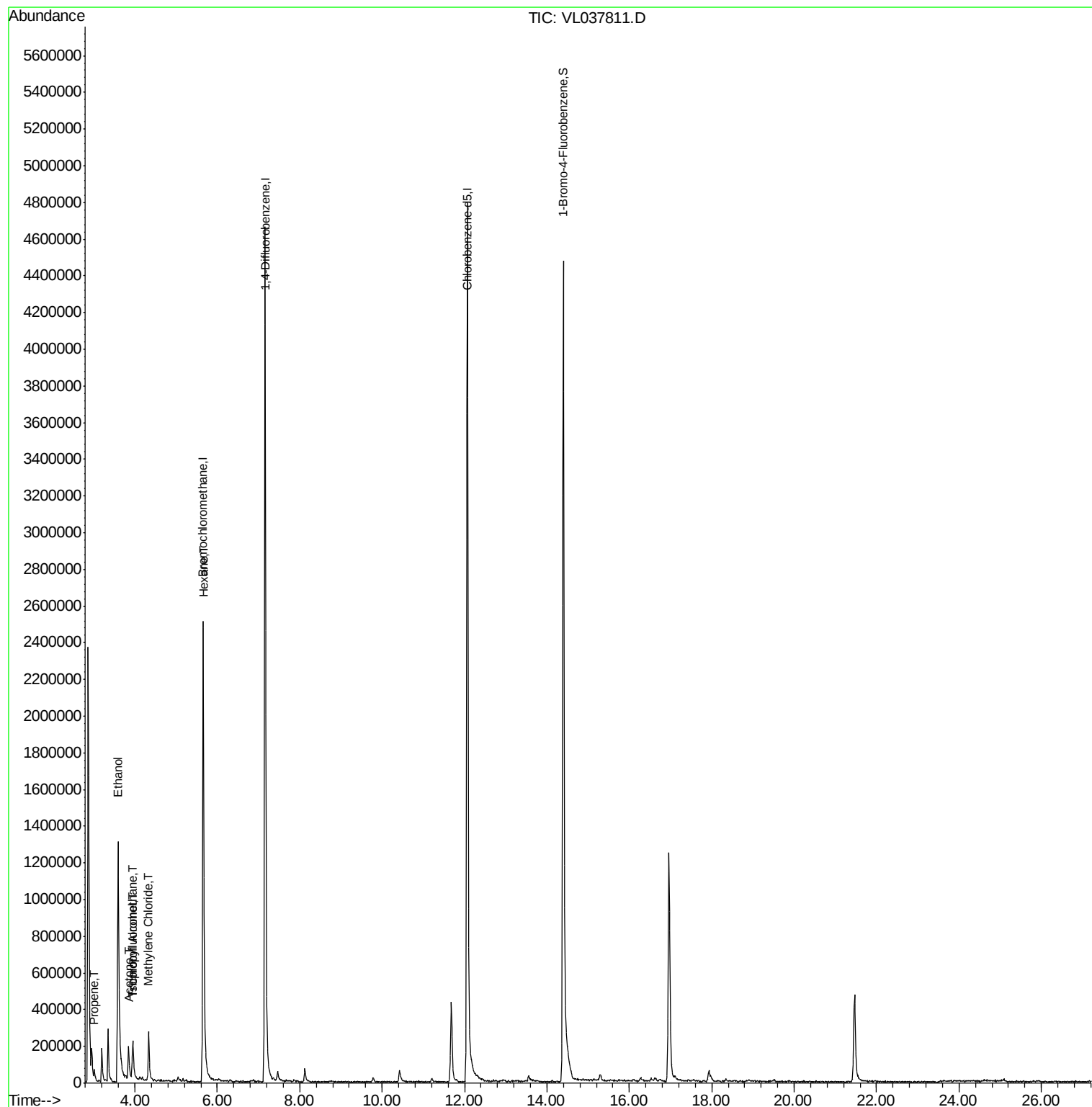
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037811.D
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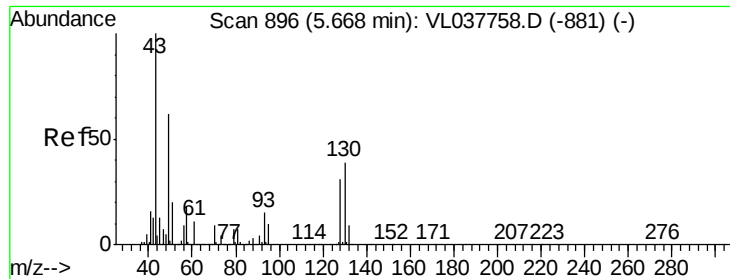
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
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QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

Lab File: VL037811.D

Acq: 8 Oct 2021 00:59

Instrument :

MSVOA_L

ClientSampleId :

C0P45DL

Tgt Ion: 49 Resp: 1437095

Ion Ratio Lower Upper

49 100

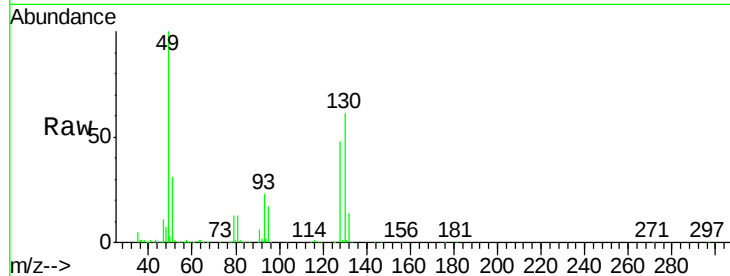
128 53.0 27.1 81.3

130 67.1 33.2 99.6

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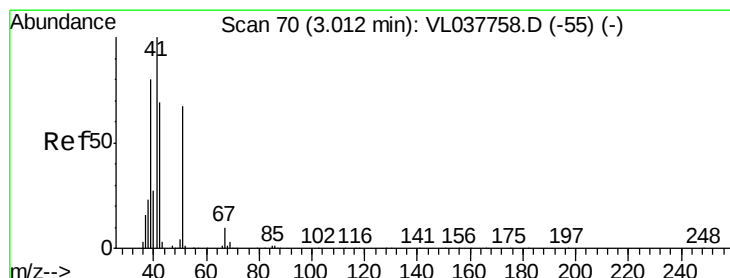
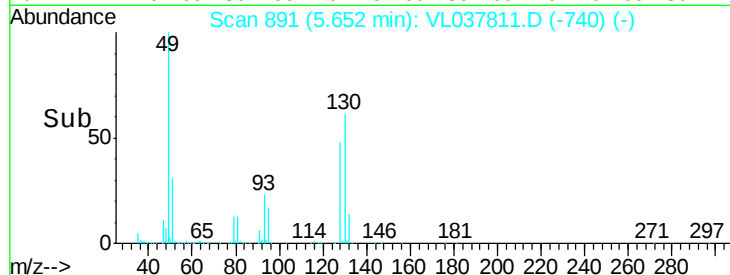
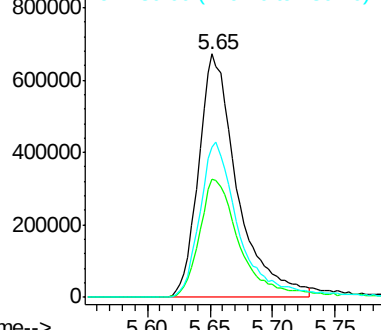
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.164 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL037811.D

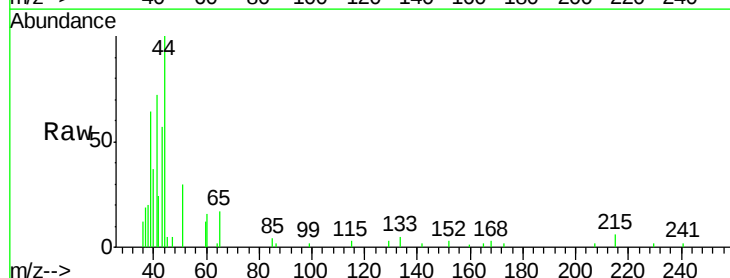
Acq: 8 Oct 2021 00:59

Tgt Ion: 41 Resp: 16622

Ion Ratio Lower Upper

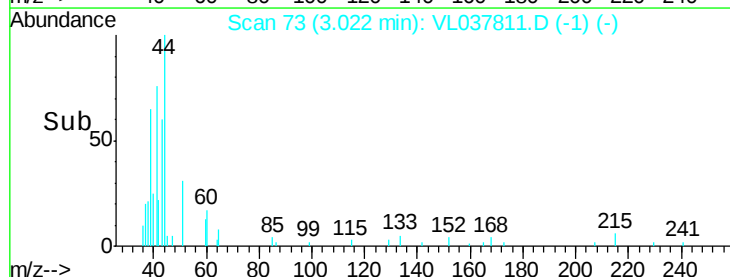
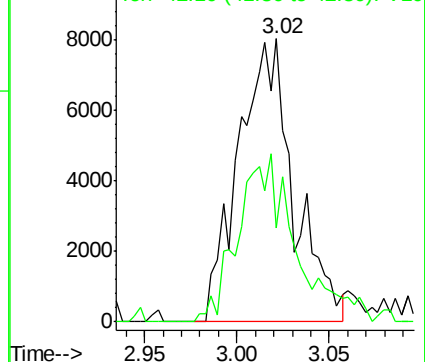
41 100

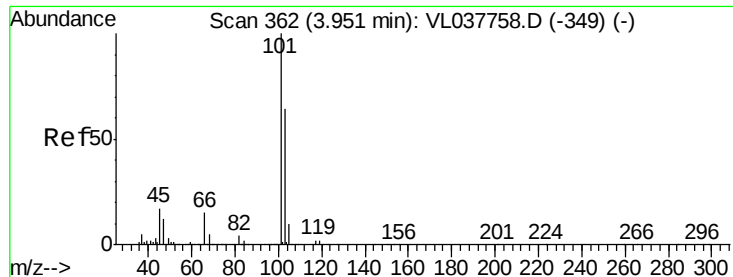
42 277.2 54.2 81.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





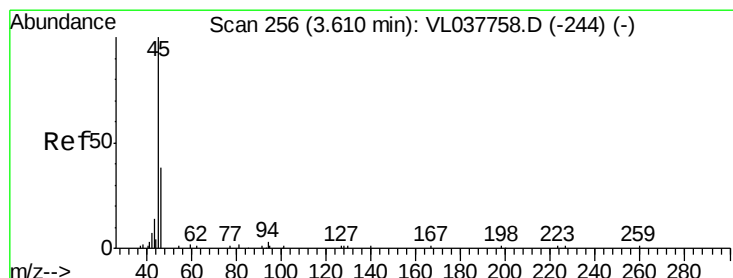
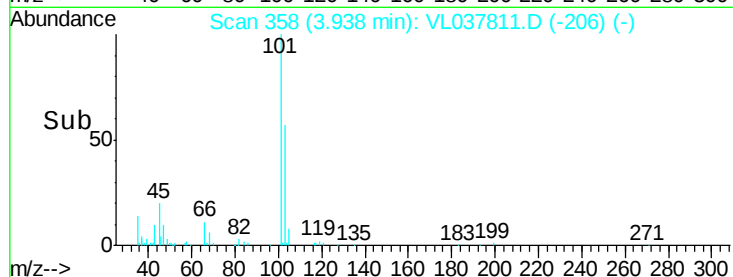
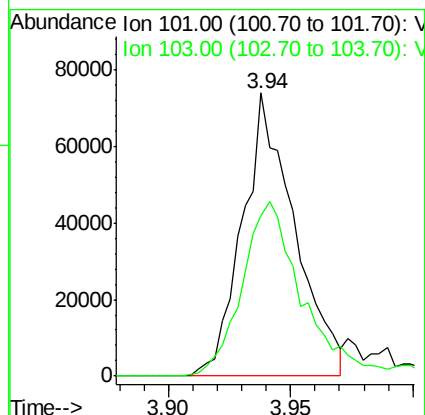
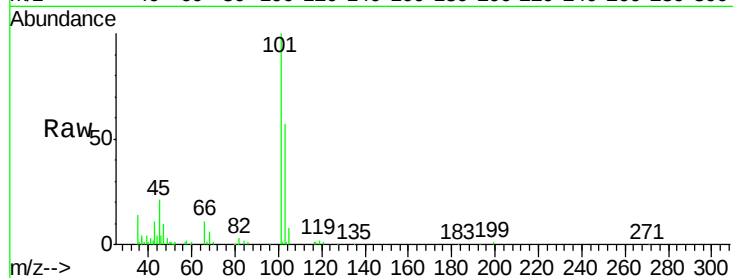
#11
 Trichlorofluoromethane
 Concen: 0.533 ppbv
 RT: 3.94 min Scan# 358
 Delta R.T. -0.01 min
 Lab File: VL037811.D
 Acq: 8 Oct 2021 00:59

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P45DL

Tgt Ion	Ratio	Lower	Upper
101	100		
103	56.4	51.5	77.3

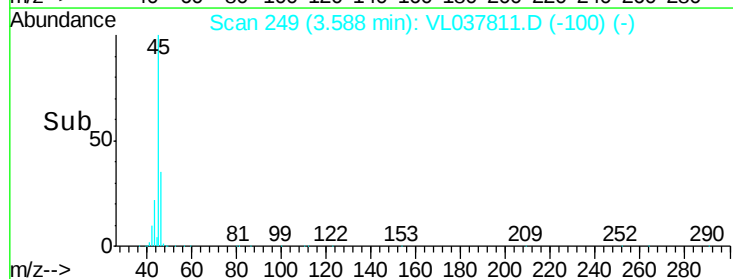
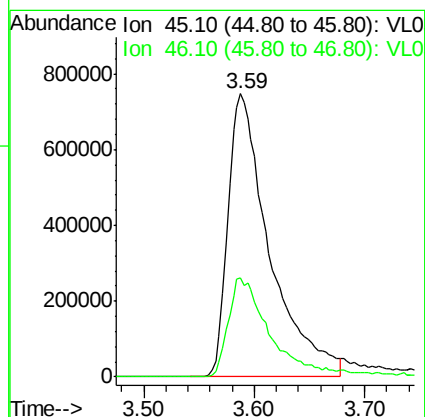
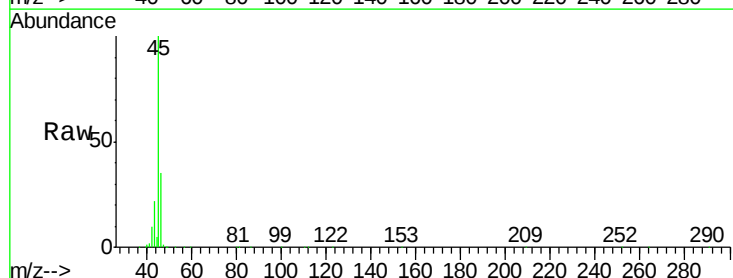
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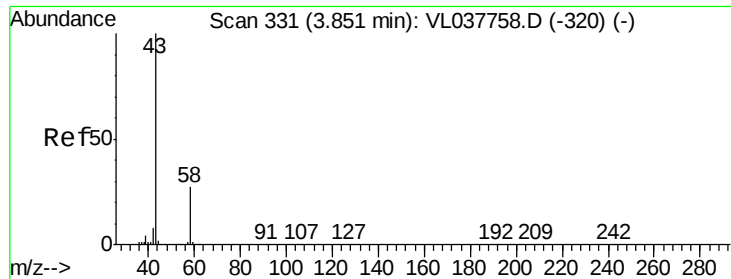
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#13
 Ethanol
 Concen: 234.763 ppbv
 RT: 3.59 min Scan# 249
 Delta R.T. -0.02 min
 Lab File: VL037811.D
 Acq: 8 Oct 2021 00:59

Tgt Ion	Ratio	Lower	Upper
45	100		
46	36.6	20.2	81.0





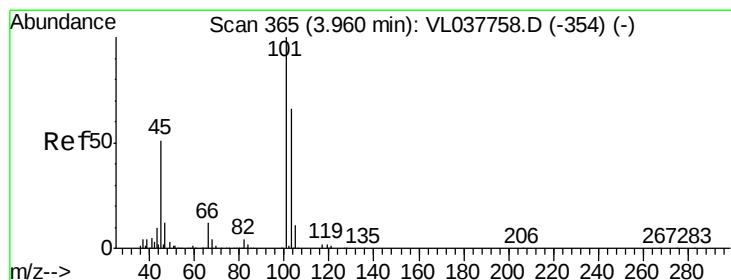
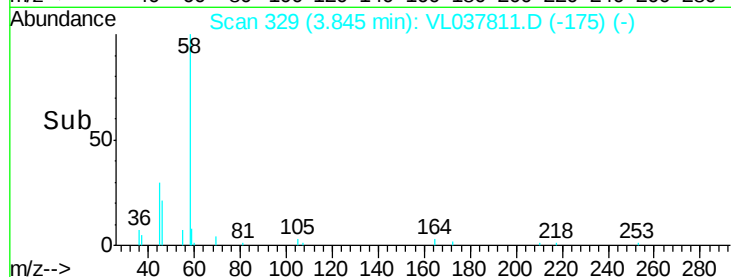
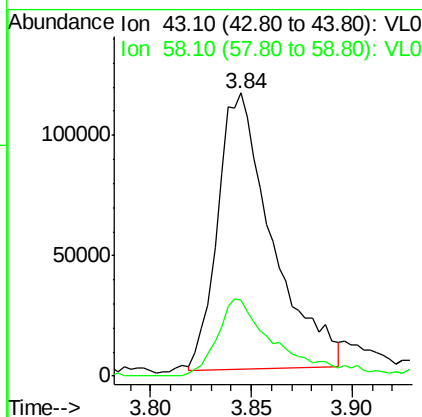
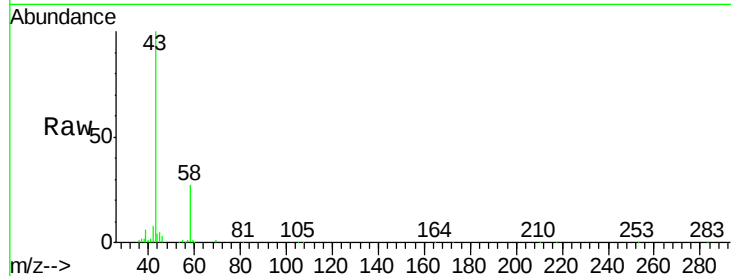
#15
Acetone
Concen: 1.671 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL037811.D
Acq: 8 Oct 2021 00:59

Instrument :
MSVOA_L
ClientSampled :
C0P45DL

Tgt Ion: 43 Resp: 215523
Ion Ratio Lower Upper
43 100
58 31.3 23.0 34.6

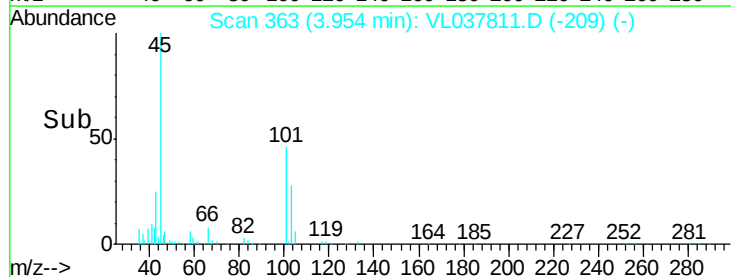
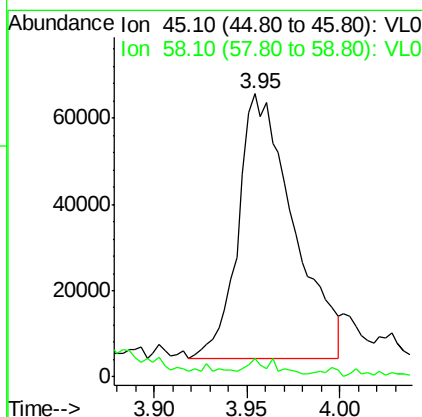
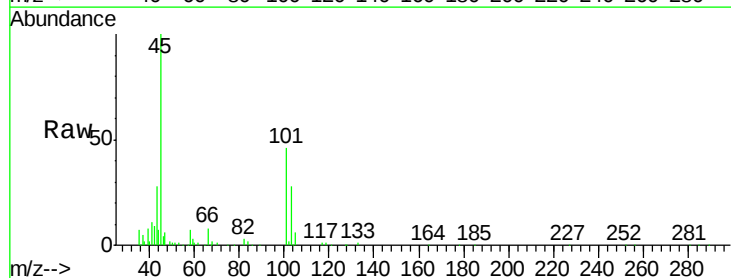
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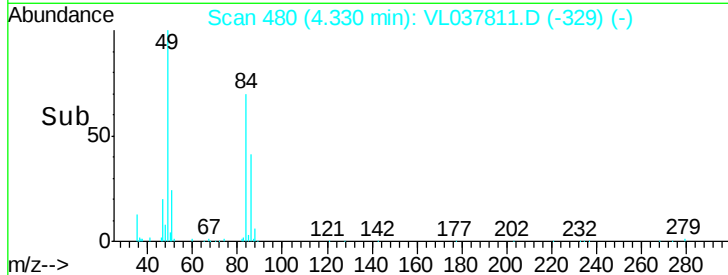
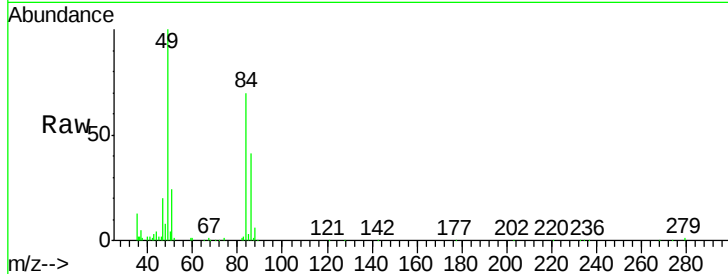
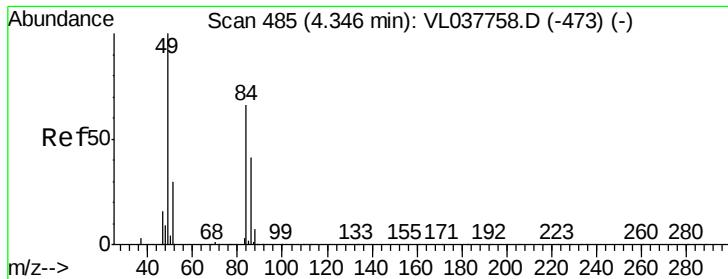
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#19
Isopropyl Alcohol
Concen: 1.596 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VL037811.D
Acq: 8 Oct 2021 00:59

Tgt Ion: 45 Resp: 128122
Ion Ratio Lower Upper
45 100
58 4.7 1.1 1.7#





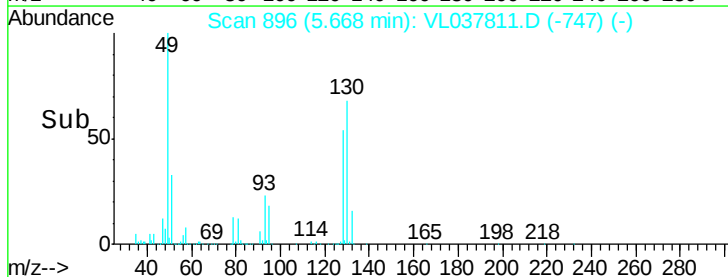
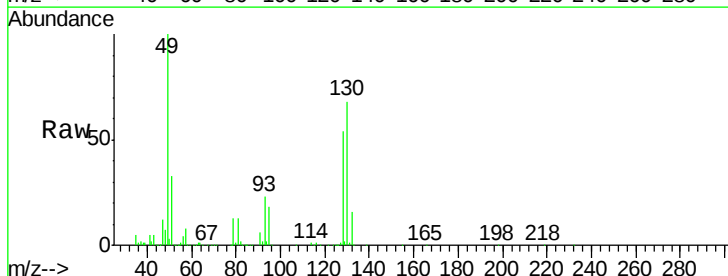
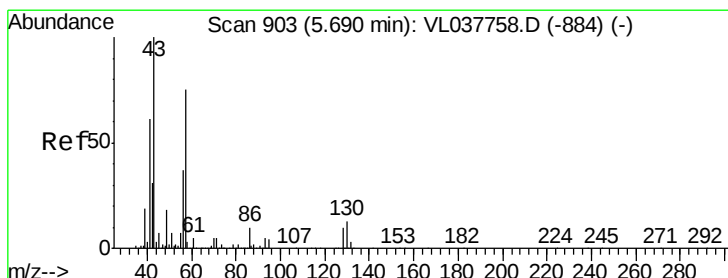
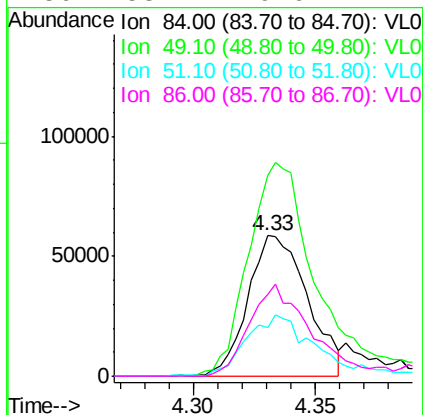
#20
Methylene Chloride
Concen: 1.522 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.02 min
Lab File: VL037811.D
Acq: 8 Oct 2021 00:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	143.5	120.7	181.1
51	33.8	36.2	54.4#
86	58.7	49.6	74.4

Instrument :
MSVOA_L
ClientSampleId :
C0P45DL

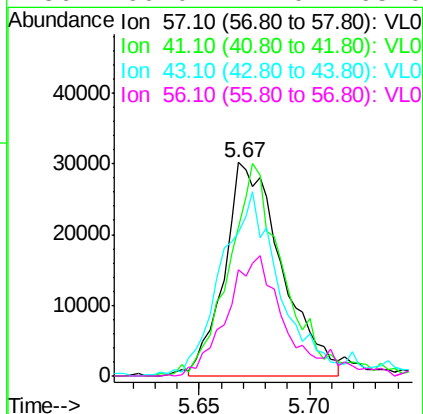
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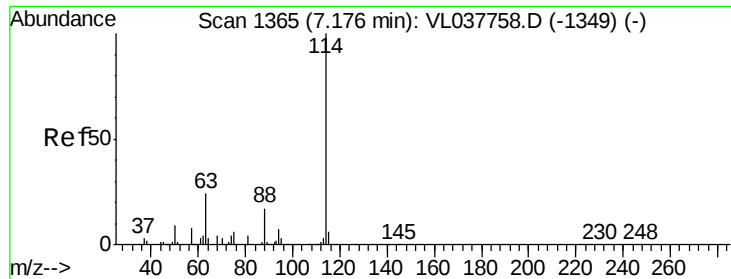
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#26
Hexane
Concen: 0.307 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL037811.D
Acq: 8 Oct 2021 00:59

Tgt Ion	Ratio	Lower	Upper
57	100		
41	97.8	69.6	104.4
43	90.0	171.4	257.0#
56	60.0	42.0	63.0





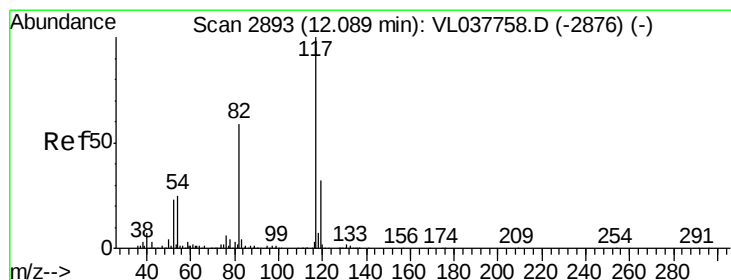
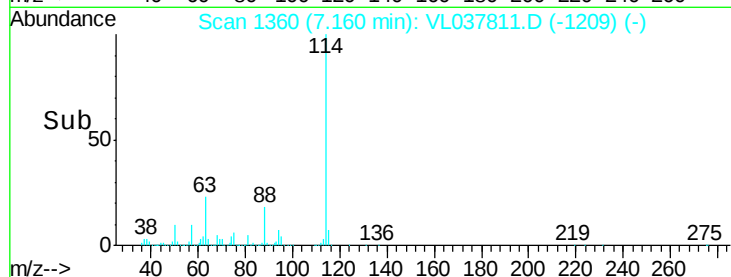
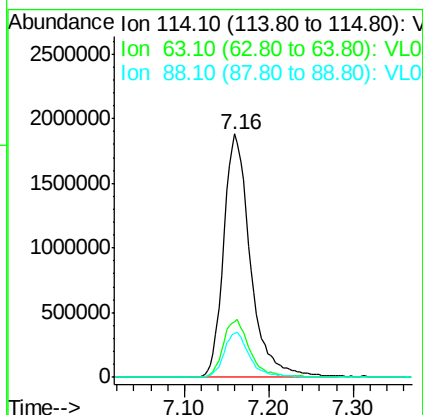
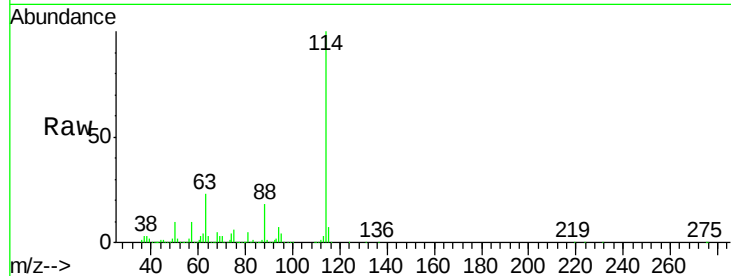
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: VL037811.D
 Acq: 8 Oct 2021 00:59

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P45DL

Tgt Ion:114 Resp: 4155620
 Ion Ratio Lower Upper
 114 100
 63 23.8 19.4 29.2
 88 18.0 14.4 21.6

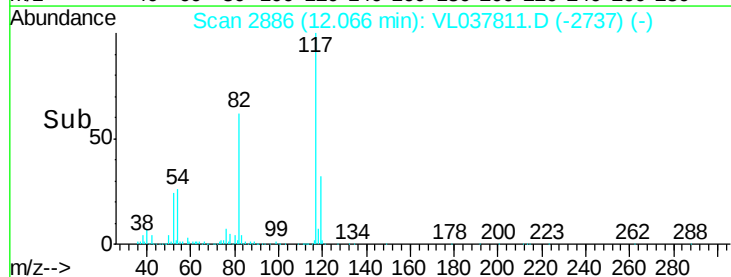
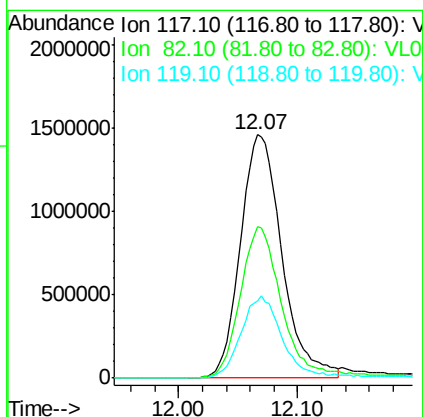
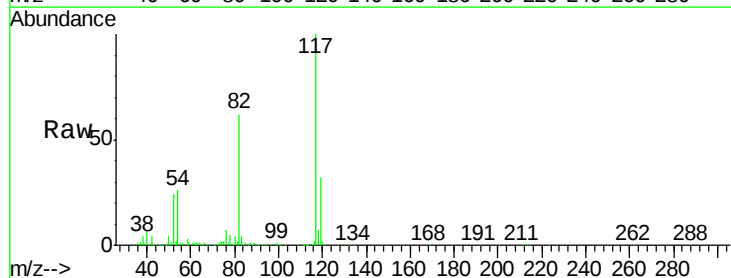
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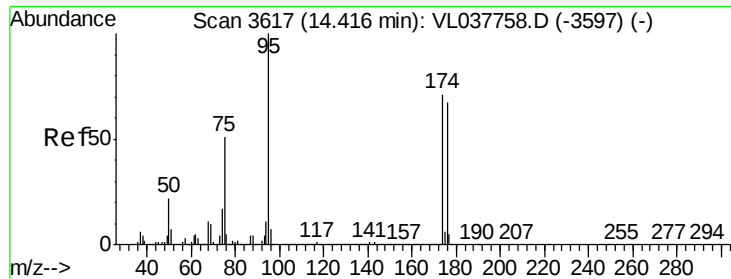
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2886
 Delta R.T. -0.02 min
 Lab File: VL037811.D
 Acq: 8 Oct 2021 00:59

Tgt Ion:117 Resp: 3540346
 Ion Ratio Lower Upper
 117 100
 82 63.9 52.2 78.2
 119 34.5 26.0 39.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.120 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. -0.02 min
 Lab File: VL037811.D
 Acq: 8 Oct 2021 00:59

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P45DL

Tgt Ion: 95 Resp: 2505506
 Ion Ratio Lower Upper
 95 100
 174 73.4 57.8 86.6
 175 5.3 4.7 7.1

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