

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042821\
 Data File : VL036878.D
 Acq On : 28 Apr 2021 14:01
 Operator : SY/AP
 Sample : M2172-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INFLUENTDL

Manual Integrations
 APPROVED

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 4/29/2021 5:53:46 PM

Quant Time: Apr 29 03:24:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 2
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1548607	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3579288	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3099747	10.00	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2486402	9.99	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	12453m	0.145	ppbv	
13) Ethanol	3.65	45	38070m	3.473	ppbv	
15) Acetone	3.87	43	104533	0.716	ppbv #	65
19) Isopropyl Alcohol	4.03	45	19576m	0.271	ppbv	
20) Methylene Chloride	4.36	84	321000	4.599	ppbv	98
26) Hexane	5.71	57	163687	0.981	ppbv #	41
52) Tetrachloroethene	11.24	164	8256m	0.080	ppbv	

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

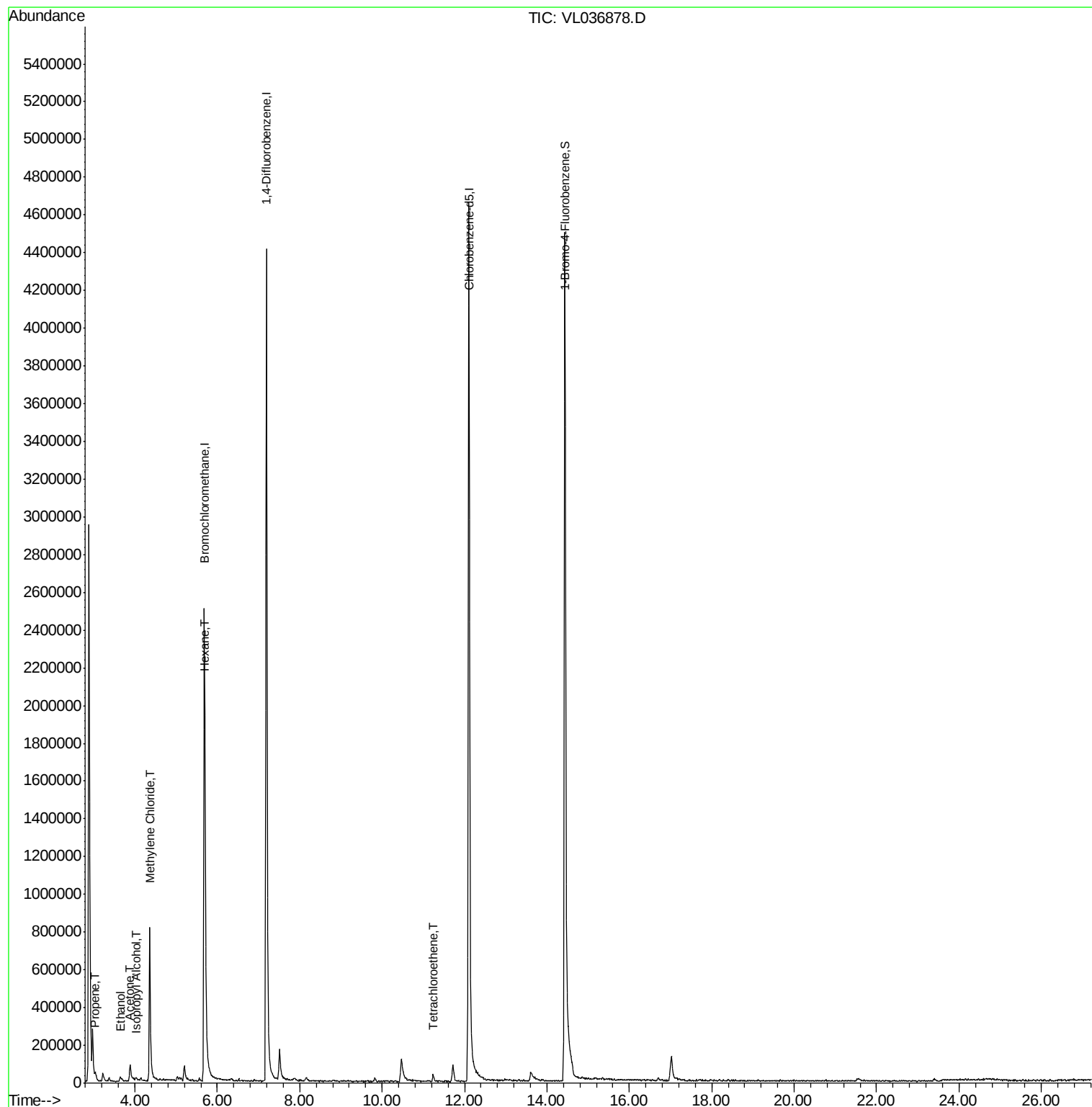
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL042821\
Data File : VL036878.D
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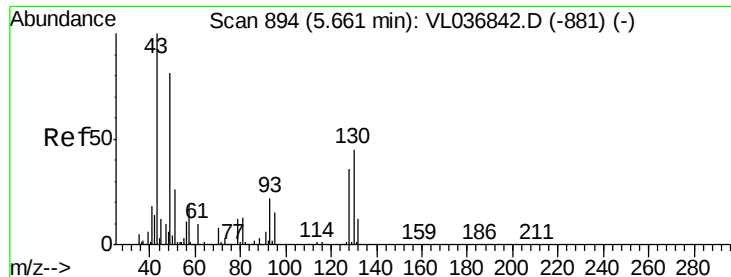
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Apr 29 03:24:02 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.02 min

Lab File: VL036878.D

Acq: 28 Apr 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

SVE-INFLUENTDL

Tot Ion: 49 Resp: 1548607

Ion Ratio Lower Upper

49 100

128 46.5 24.4 73.2

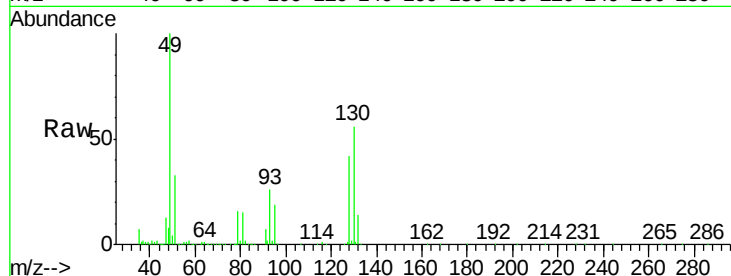
130 58.3 30.3 90.8

Manual Integrations

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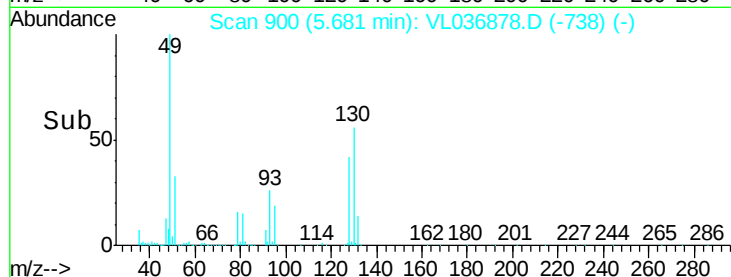
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

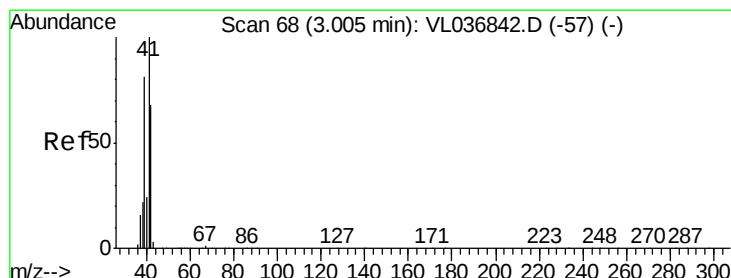
Ion 130.00 (129.70 to 130.70): VL0

5.68

Time-->



Time-->



#9

Propene

Concen: 0.145 ppbv m

RT: 3.03 min Scan# 76

Delta R.T. 0.03 min

Lab File: VL036878.D

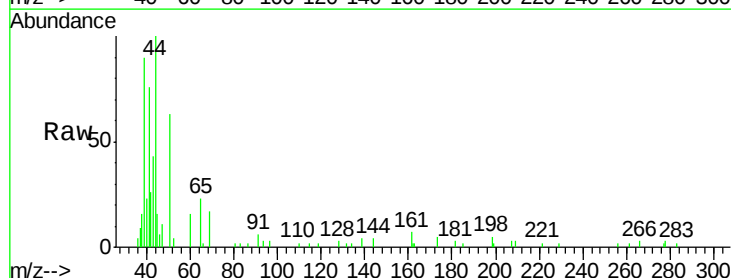
Acq: 28 Apr 2021 14:01

Tgt Ion: 41 Resp: 12453

Ion Ratio Lower Upper

41 100

42 8.2 56.0 84.0#

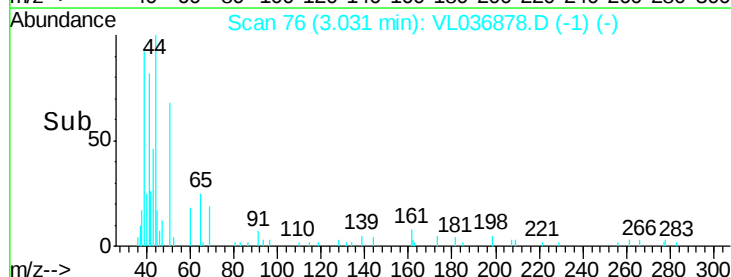


Abundance Ion 41.10 (40.80 to 41.80): VL0

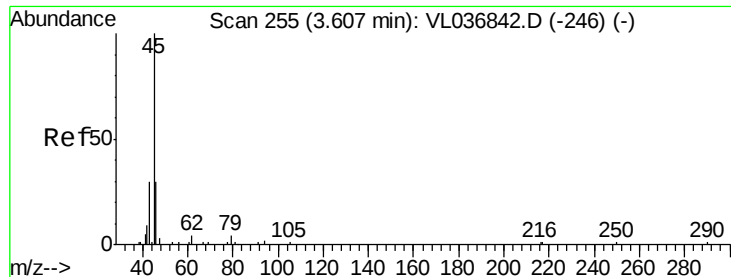
Ion 42.10 (41.80 to 42.80): VL0

3.03

Time-->



Time-->



#13

Ethanol

Concen: 3.473 ppbv m

RT: 3.65 min Scan# 267

Delta R.T. 0.04 min

Lab File: VL036878.D

Acq: 28 Apr 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

SVE-INFLUENTDL

Tot Ion: 45 Resp: 38070

Ion Ratio Lower Upper

45 100

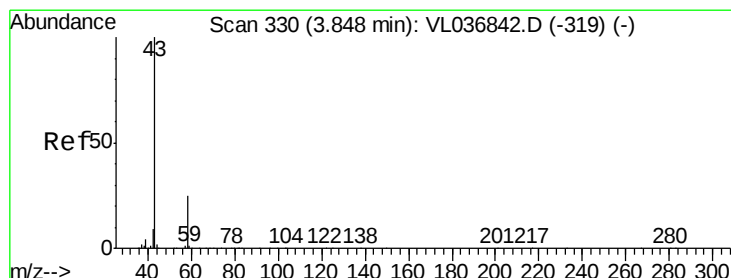
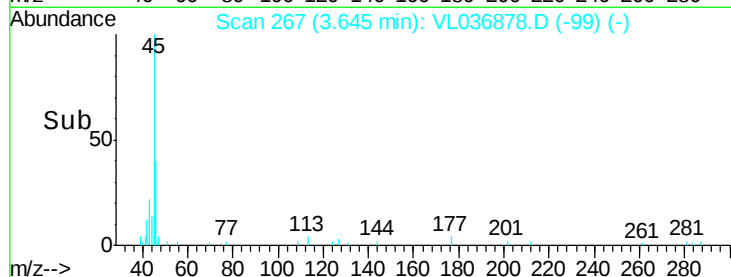
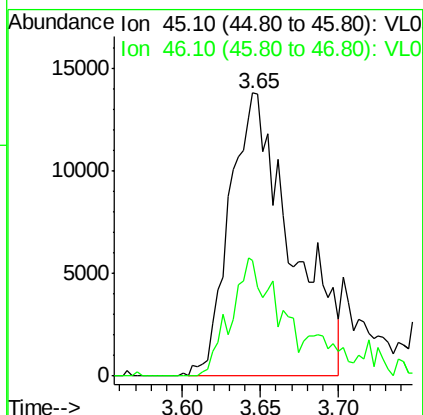
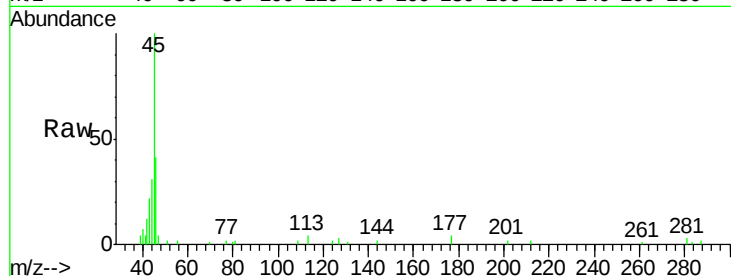
46 43.7 16.8 67.4

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#15

Acetone

Concen: 0.716 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.03 min

Lab File: VL036878.D

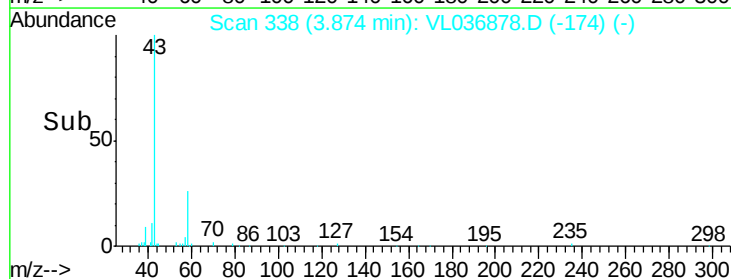
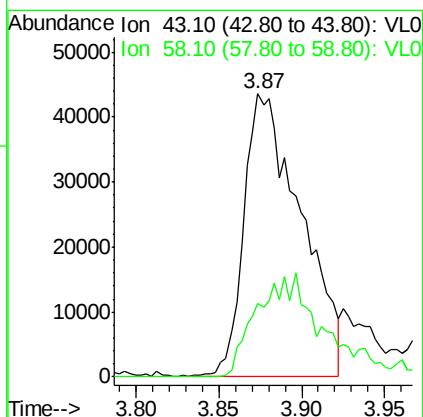
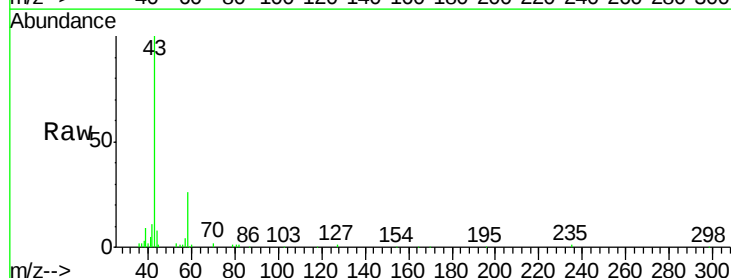
Acq: 28 Apr 2021 14:01

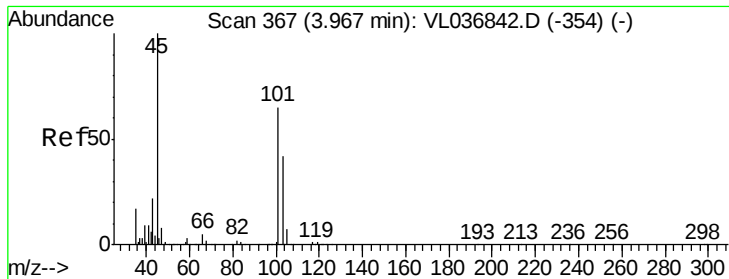
Tgt Ion: 43 Resp: 104533

Ion Ratio Lower Upper

43 100

58 45.1 21.7 32.5#





#19

Isopropyl Alcohol

Concen: 0.271 ppbv

RT: 4.03 min Scan# 387

Delta R.T. 0.06 min

Lab File: VL036878.D

Acq: 28 Apr 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

SVE-INFLUENTDL

Tot Ion: 45 Resp: 19576

Ion Ratio Lower Upper

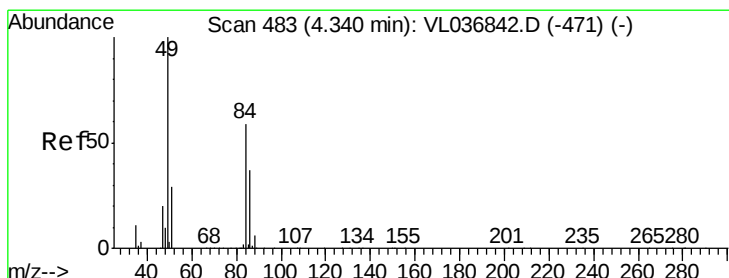
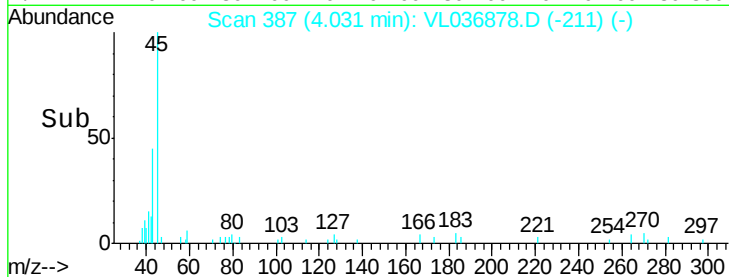
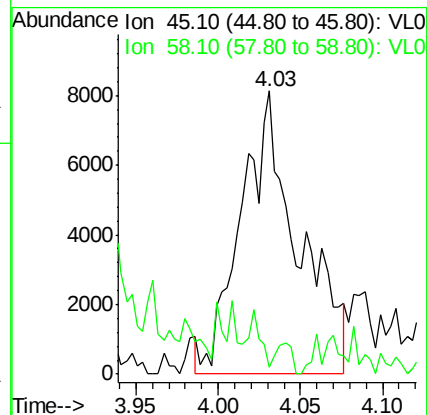
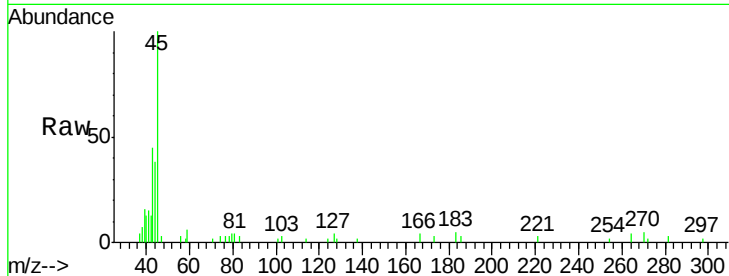
45 100

58 0.0 2.8 4.2#

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#20

Methylene Chloride

Concen: 4.599 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.02 min

Lab File: VL036878.D

Acq: 28 Apr 2021 14:01

Tgt Ion: 84 Resp: 321000

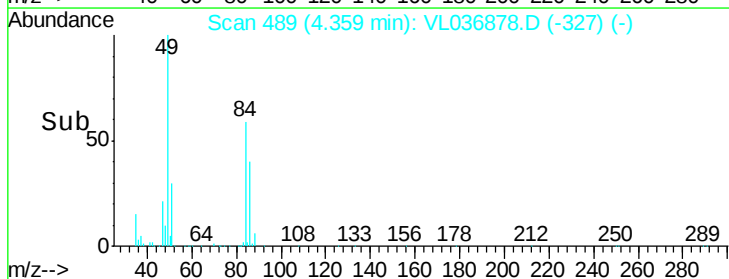
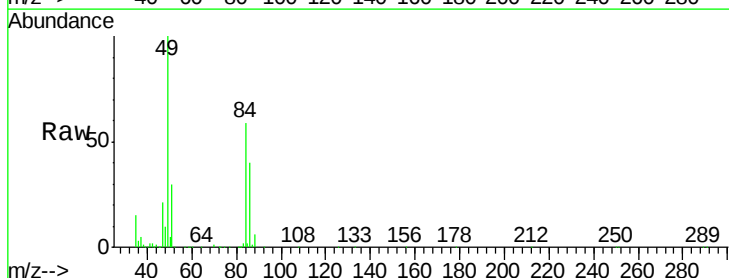
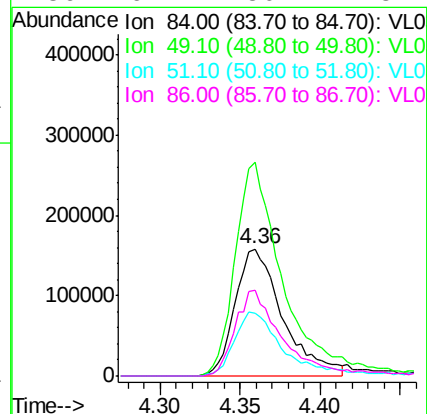
Ion Ratio Lower Upper

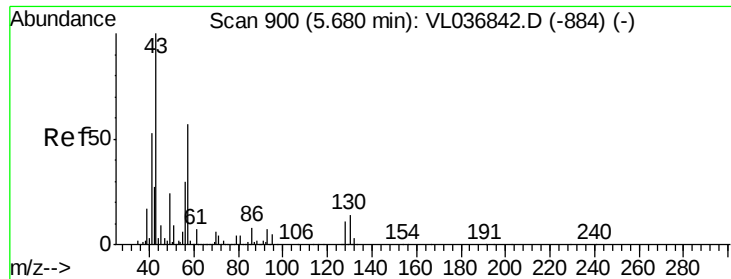
84 100

49 168.5 135.4 203.0

51 49.8 39.3 58.9

86 67.7 50.2 75.2





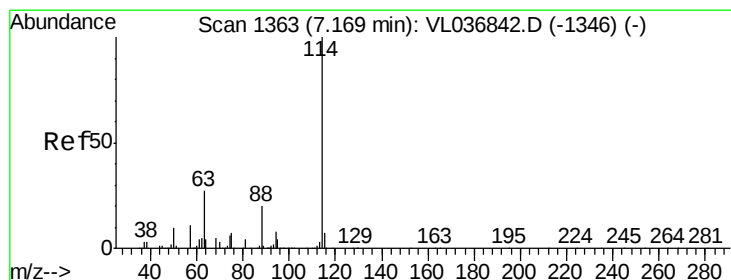
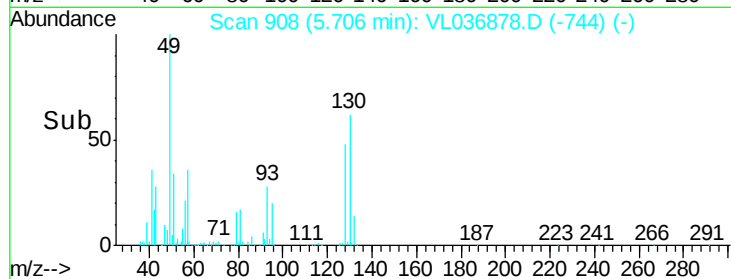
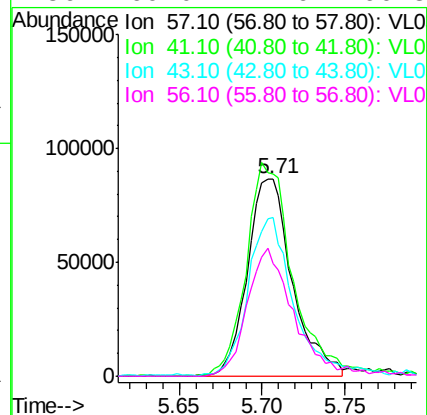
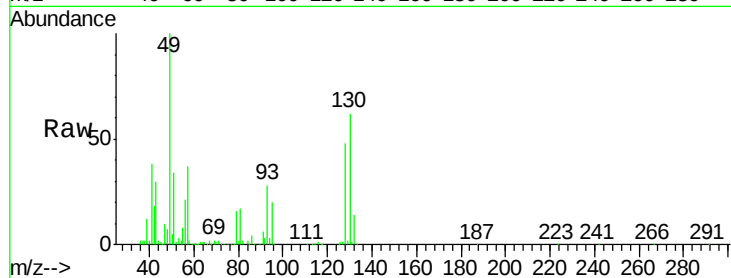
#26
Hexane
Concen: 0.981 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.03 min
Lab File: VL036878.D
Acq: 28 Apr 2021 14:01

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	117.6	77.7	116.5#
43	84.7	180.5	270.7#
56	69.0	44.6	66.8#

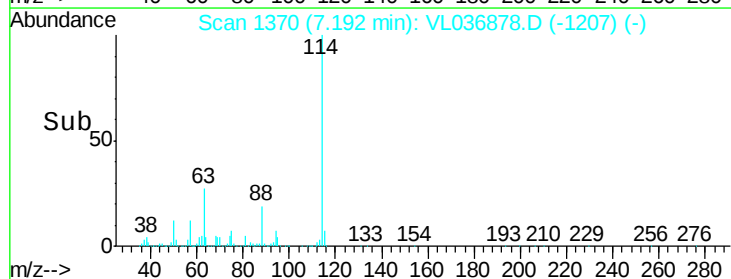
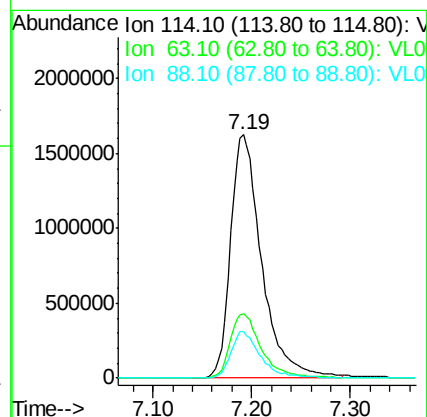
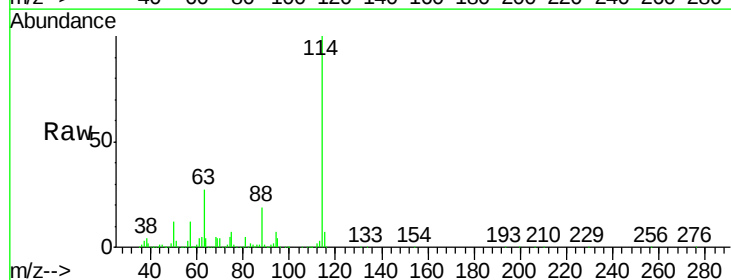
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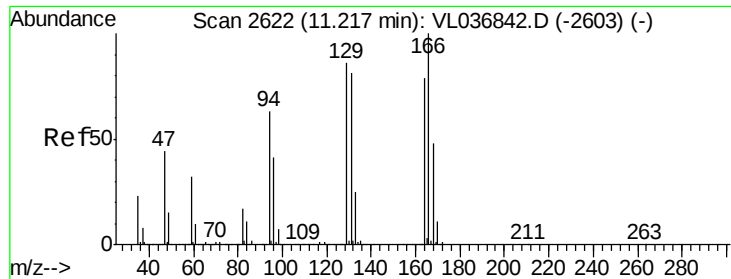
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.02 min
Lab File: VL036878.D
Acq: 28 Apr 2021 14:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.1	21.9	32.9
88	18.7	15.1	22.7





#52

Tetrachloroethene

Concen: 0.080 ppbv m

RT: 11.24 min Scan# 2628

Delta R.T. 0.02 min

Lab File: VL036878.D

Acq: 28 Apr 2021 14:01

Instrument :

MSVOA_L

ClientSampleId :

SVE-INFLUENTDL

Tot Ion:164 Resp: 8256

Ion Ratio Lower Upper

164 100

166 82.6 100.9 151.3#

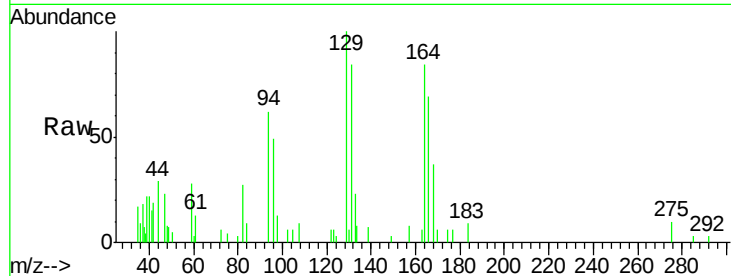
129 118.9 87.0 130.4

131 100.0 81.7 122.5

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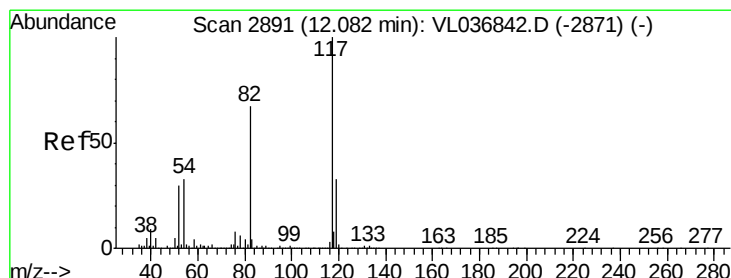
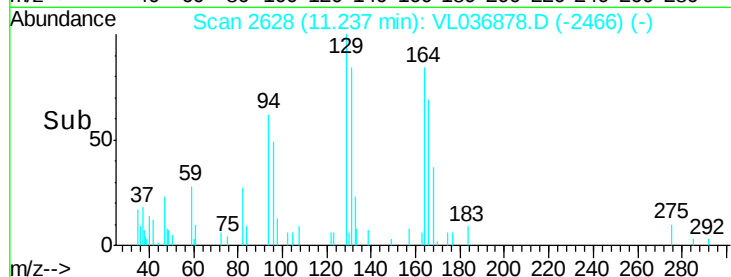
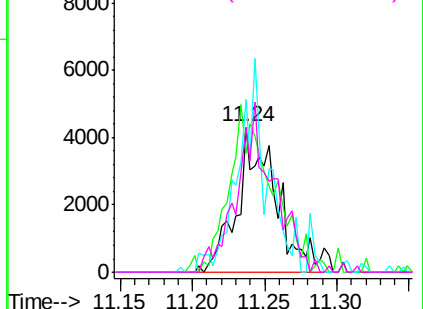


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. 0.03 min

Lab File: VL036878.D

Acq: 28 Apr 2021 14:01

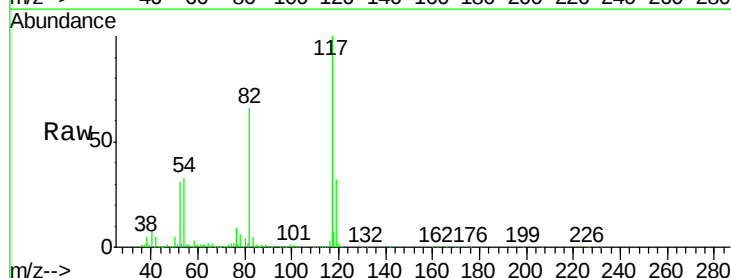
Tgt Ion:117 Resp: 3099747

Ion Ratio Lower Upper

117 100

82 70.4 53.5 80.3

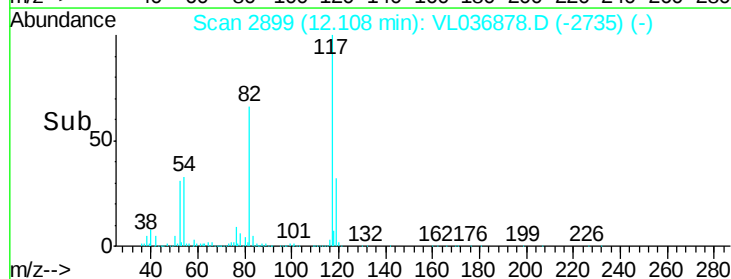
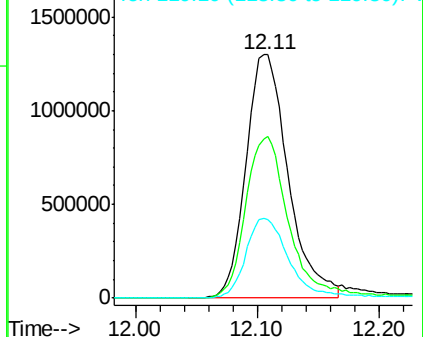
119 34.4 25.6 38.4

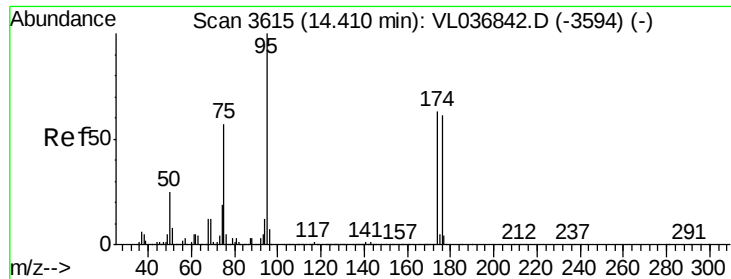


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.992 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. 0.03 min
 Lab File: VL036878.D
 Acq: 28 Apr 2021 14:01

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INFLUENTDL

Tot Ion: 95 Resp: 2486402
 Ion Ratio Lower Upper
 95 100
 174 66.5 52.2 78.2
 175 4.9 4.0 6.0

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