

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037229.D
 Acq On : 22 Jun 2021 23:15
 Operator : SY/AP
 Sample : M2807-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-02DL

Manual Integrations
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Quant Time: Jun 23 07:33:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1673291	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4910872	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4392204	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3337077	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	152247m	1.463	ppbv	
13) Ethanol	3.62	45	236272m	14.681	ppbv	
15) Acetone	3.87	43	224052	1.187	ppbv #	78
20) Methylene Chloride	4.35	84	65334	0.578	ppbv	97
26) Hexane	5.69	57	63319m	0.307	ppbv	
27) Carbon Disulfide	4.56	76	85473	0.423	ppbv #	92
29) Chloroform	5.75	83	38457m	0.121	ppbv	
53) Toluene	9.81	91	114105	0.241	ppbv	100

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

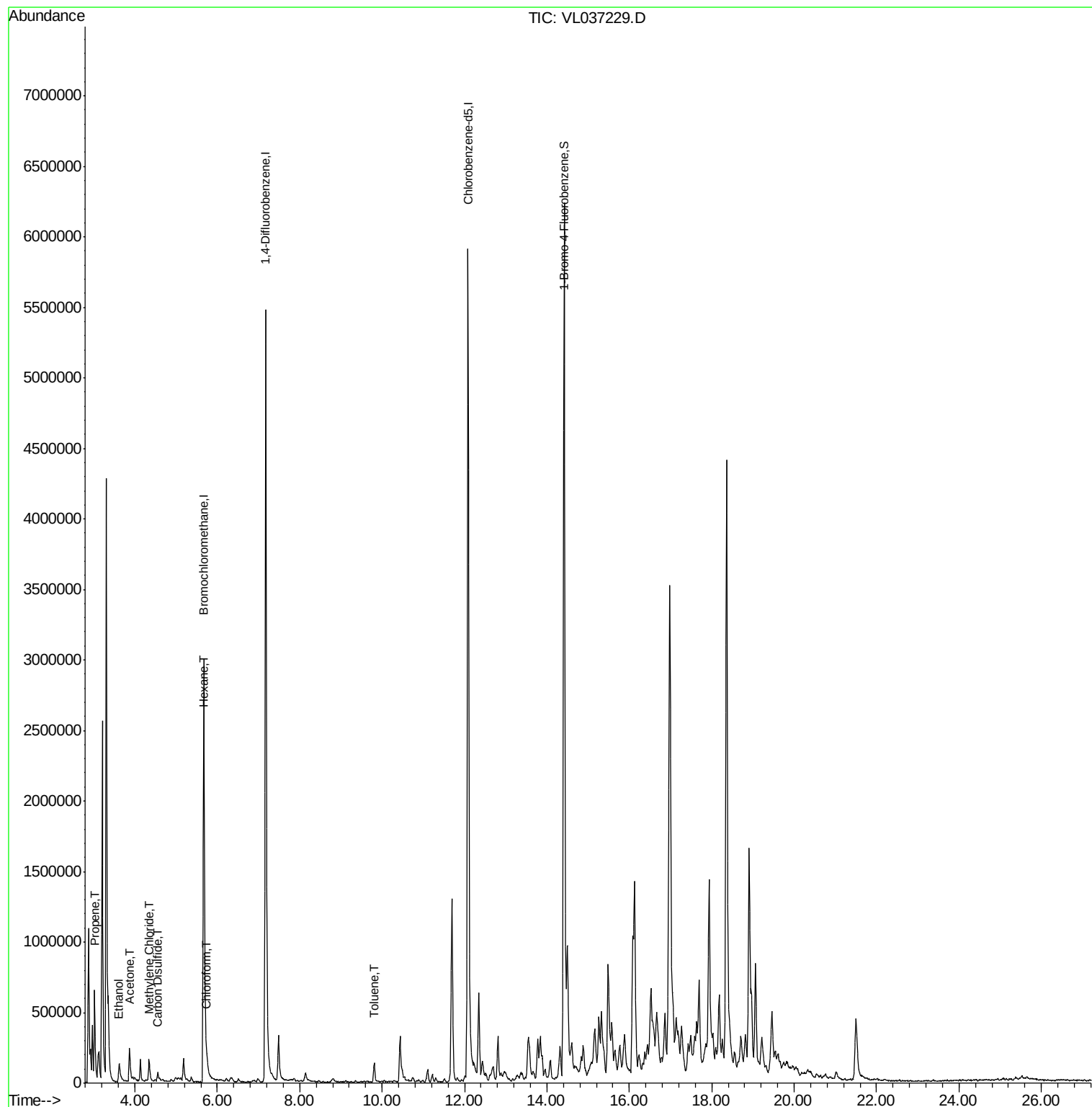
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062221\
Data File : VL037229.D
Acq On : 22 Jun 2021 23:15
Operator : SY/AP
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Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

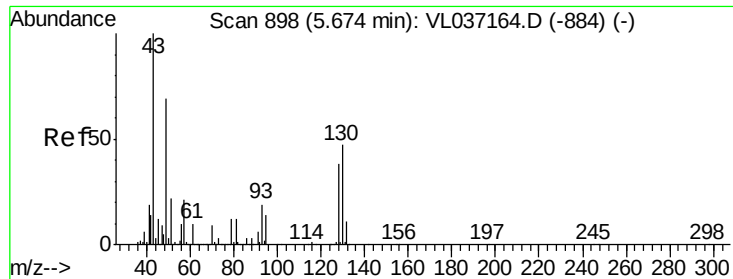
Instrument :
MSVOA_L
ClientSampled :
SV-02DL

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Quant Time: Jun 23 07:33:04 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL037229.D

Acq: 22 Jun 2021 23:15

Instrument :

MSVOA_L

ClientSampleId :

SV-02DL

Tot Ion: 49 Resp: 1673291

Ion Ratio Lower Upper

49 100

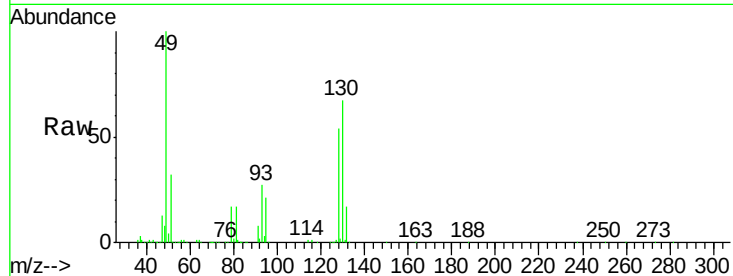
128 56.2 29.3 88.0

130 72.4 35.9 107.8

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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

800000

600000

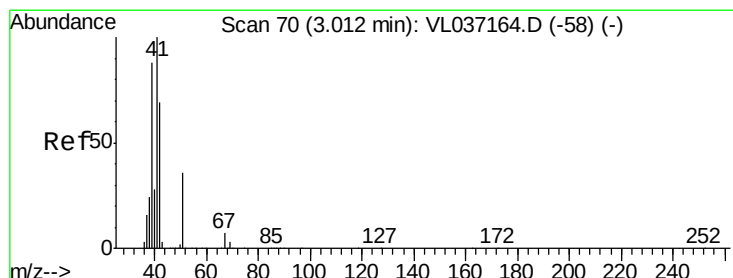
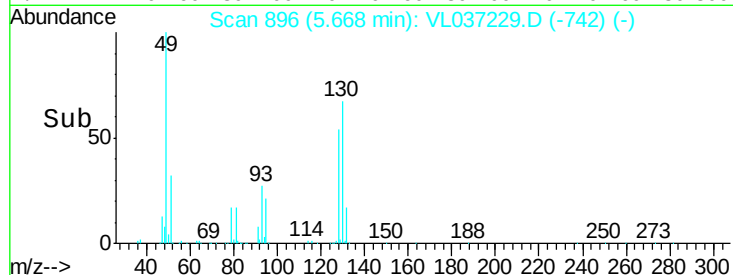
400000

200000

0

5.55 5.60 5.65 5.70 5.75

Time-->



#9

Propene

Concen: 1.463 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL037229.D

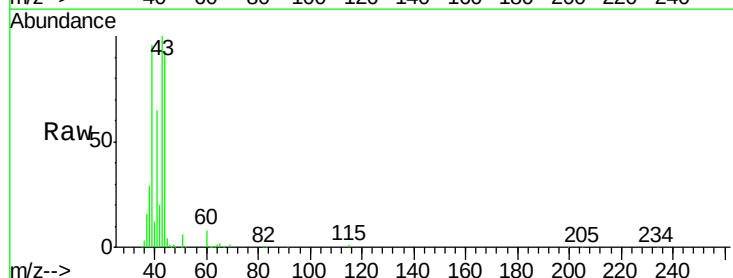
Acq: 22 Jun 2021 23:15

Tgt Ion: 41 Resp: 152247

Ion Ratio Lower Upper

41 100

42 390.4 54.5 81.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

100000

80000

60000

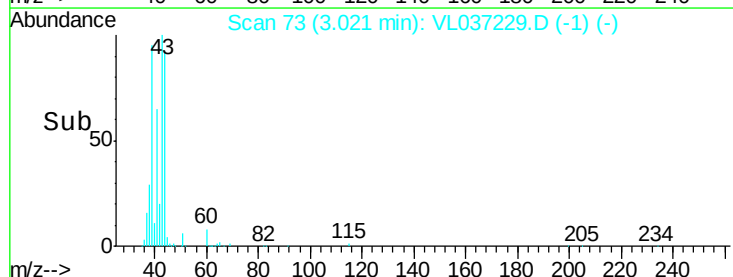
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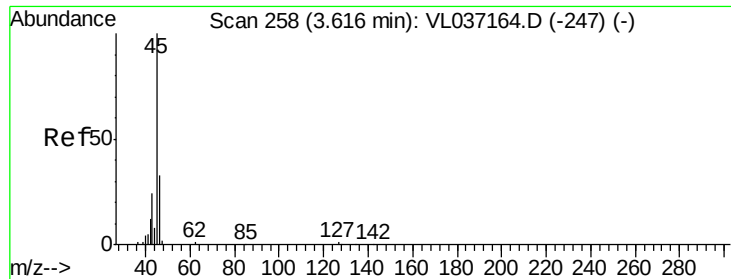
20000

0

2.95 3.00 3.05

Time-->





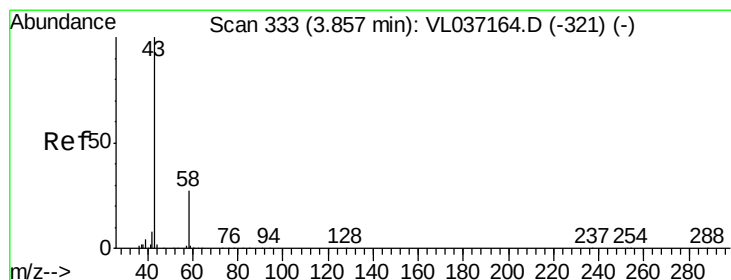
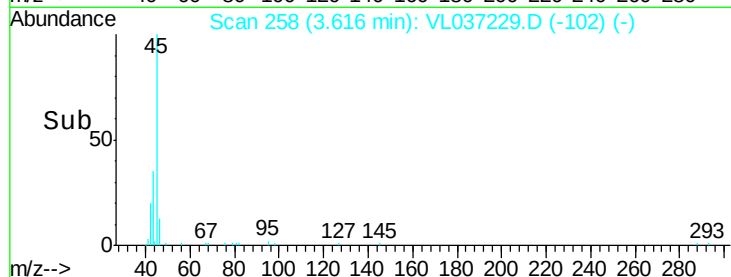
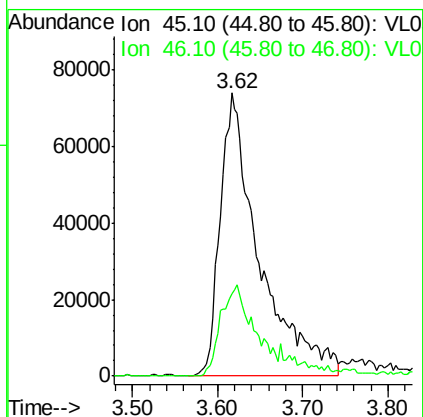
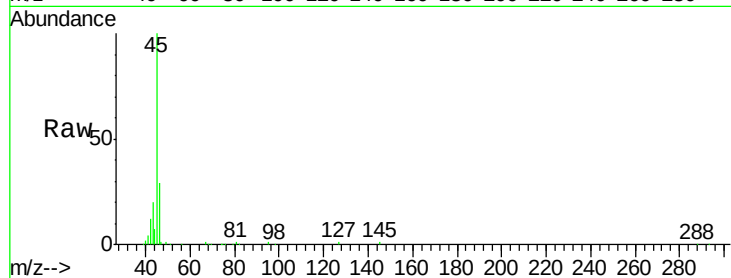
#13
Ethanol
Concen: 14.681 ppbv m
RT: 3.62 min Scan# 258
Delta R.T. 0.00 min
Lab File: VL037229.D
Acq: 22 Jun 2021 23:15

Instrument :
MSVOA_L
ClientSampleId :
SV-02DL

Tot Ion: 45 Resp: 236272
Ion Ratio Lower Upper
45 100
46 34.5 34.2 137.0

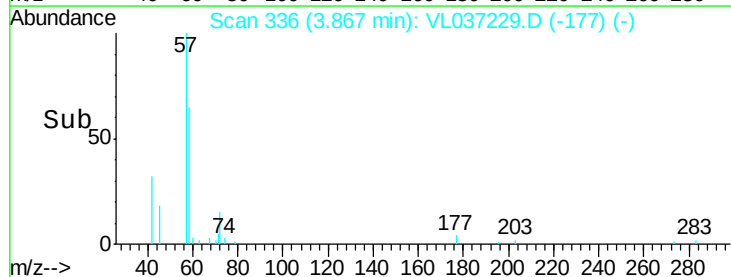
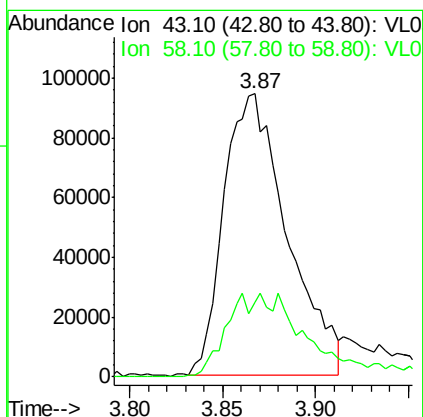
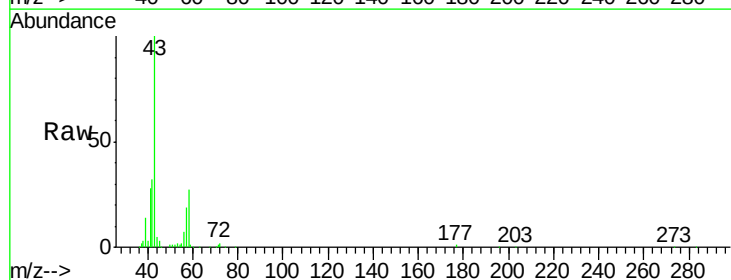
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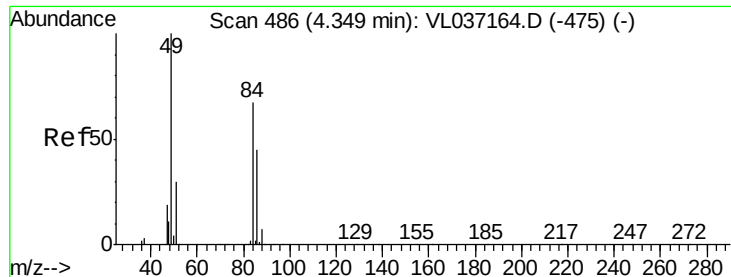
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#15
Acetone
Concen: 1.187 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.01 min
Lab File: VL037229.D
Acq: 22 Jun 2021 23:15

Tgt Ion: 43 Resp: 224052
Ion Ratio Lower Upper
43 100
58 41.2 23.7 35.5#





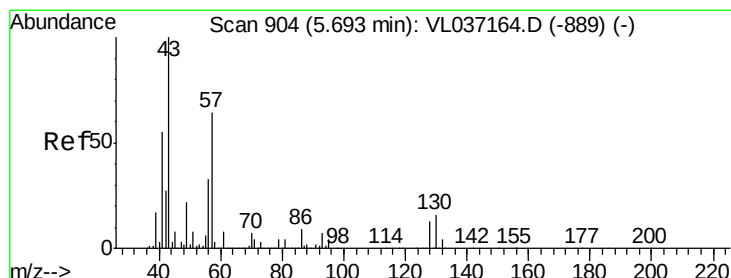
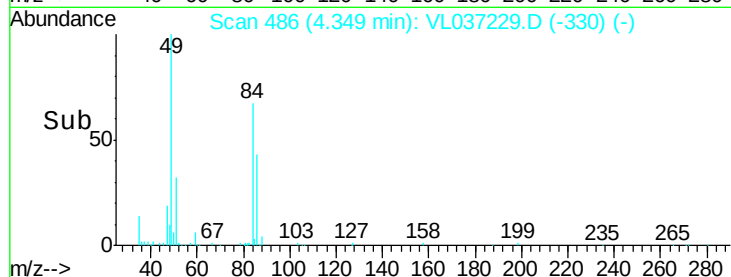
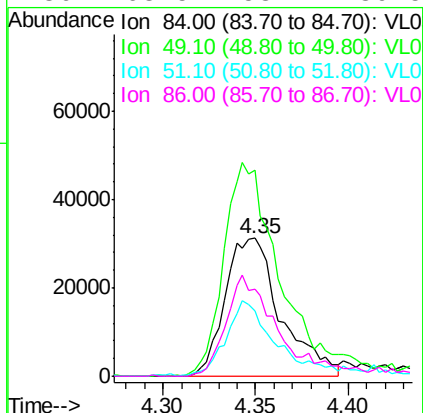
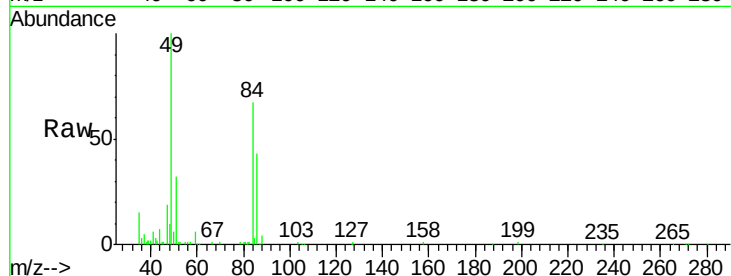
#20
Methvlene Chloride
Concen: 0.578 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.00 min
Lab File: VL037229.D
Acq: 22 Jun 2021 23:15

Instrument :
MSVOA_L
ClientSampleId :
SV-02DL

Tot Ion	84	Resp	65334
Ion	Ratio	Lower	Upper
84	100		
49	147.5	119.7	179.5
51	47.0	36.1	54.1
86	63.5	53.7	80.5

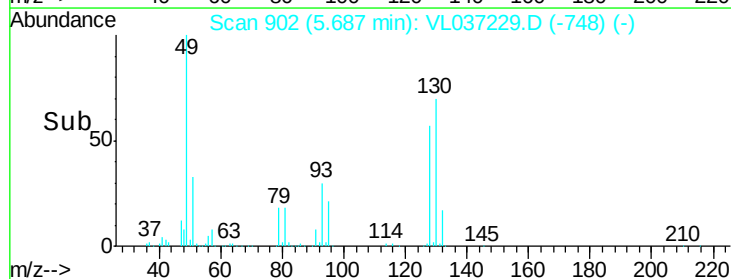
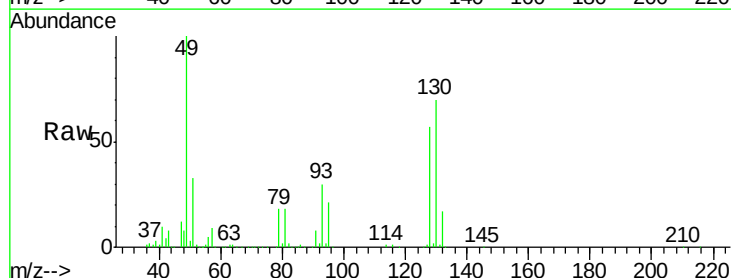
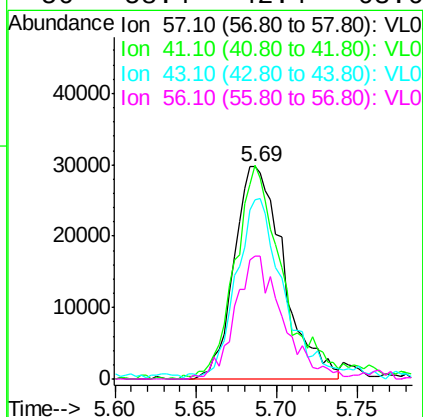
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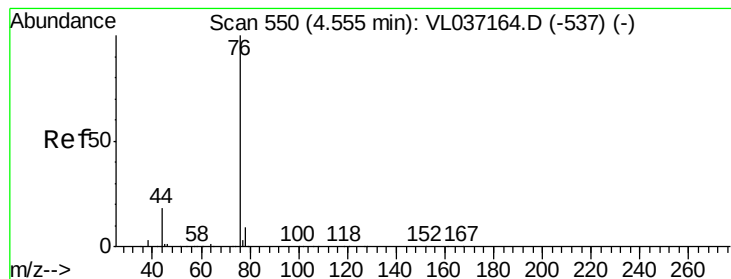
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#26
Hexane
Concen: 0.307 ppbv m
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL037229.D
Acq: 22 Jun 2021 23:15

Tgt Ion	57	Resp	63319
Ion	Ratio	Lower	Upper
57	100		
41	102.2	73.5	110.3
43	85.3	170.7	256.1#
56	58.4	42.4	63.6





#27

Carbon Disulfide

Concen: 0.423 ppbv

RT: 4.56 min Scan# 550

Delta R.T. 0.00 min

Lab File: VL037229.D

Acq: 22 Jun 2021 23:15

Instrument :

MSVOA_L

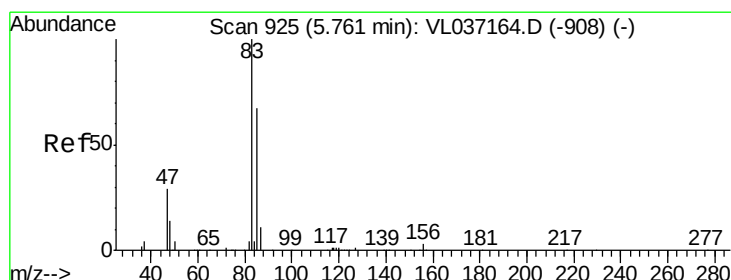
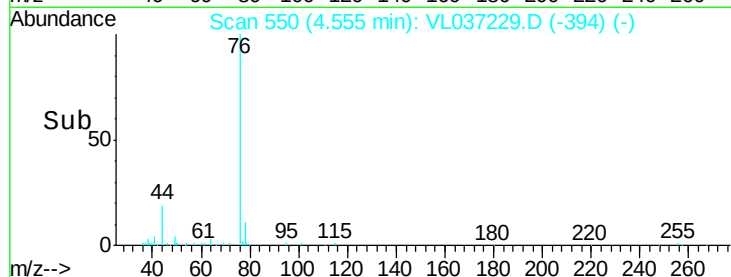
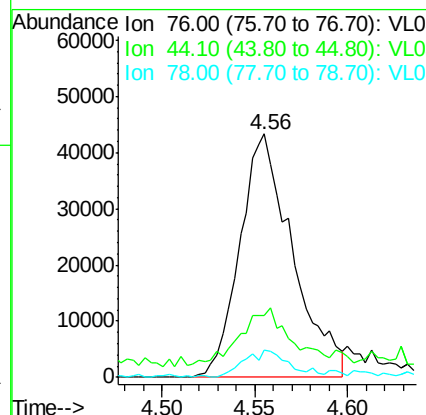
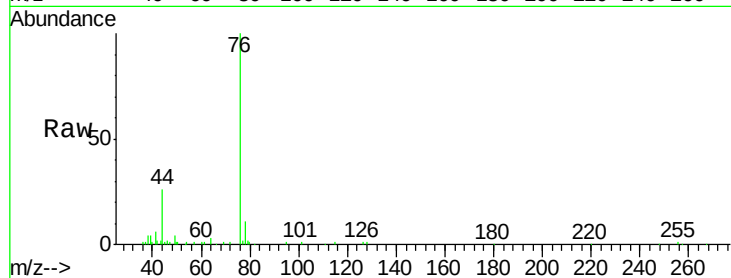
ClientSampleId :

SV-02DL

Tot Ion:	76	Resp:	85473
Ion Ratio	Lower	Upper	
76	100		
44	24.2	15.4	23.2#
78	11.1	8.0	12.0

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#29

Chloroform

Concen: 0.121 ppbv m

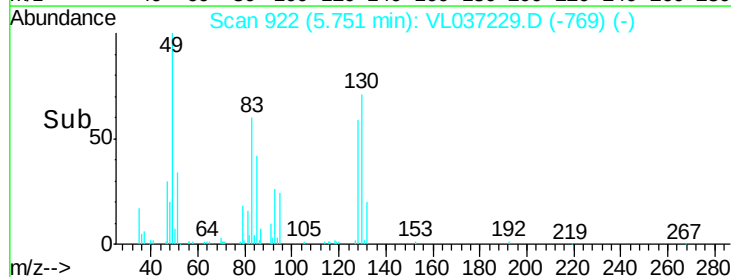
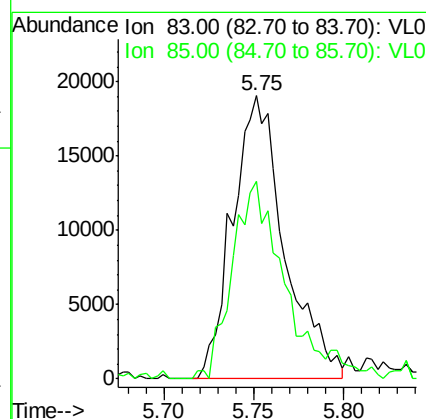
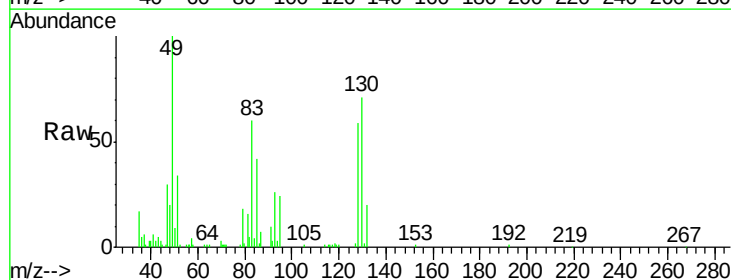
RT: 5.75 min Scan# 922

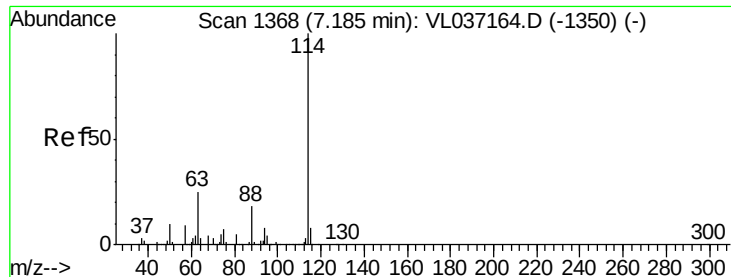
Delta R.T. -0.01 min

Lab File: VL037229.D

Acq: 22 Jun 2021 23:15

Tgt Ion:	83	Resp:	38457
Ion Ratio	Lower	Upper	
83	100		
85	69.7	53.6	80.4





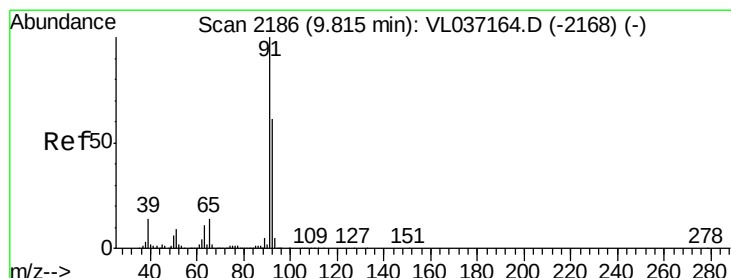
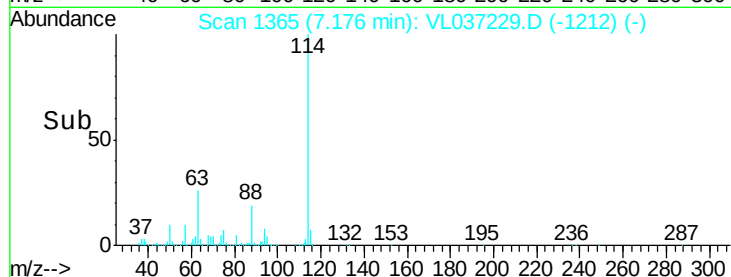
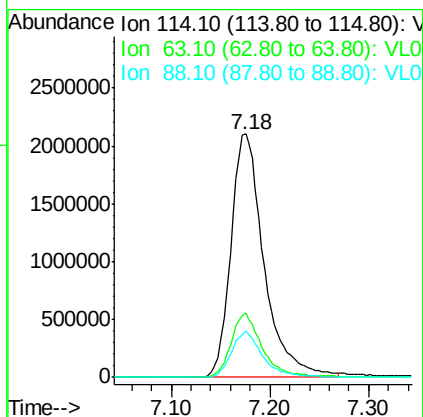
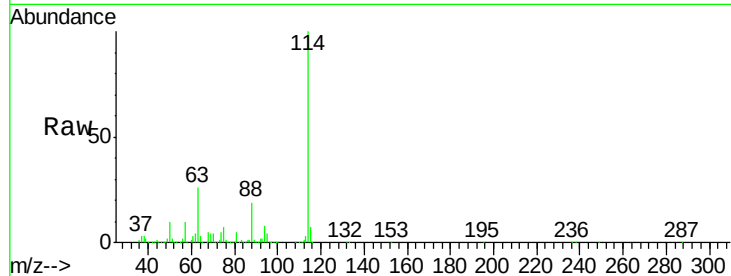
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: VL037229.D
 Acq: 22 Jun 2021 23:15

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-02DL

Tot Ion:114 Resp: 4910872
 Ion Ratio Lower Upper
 114 100
 63 25.2 19.6 29.4
 88 18.3 14.2 21.2

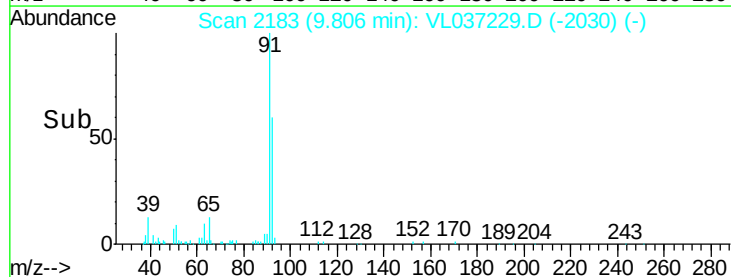
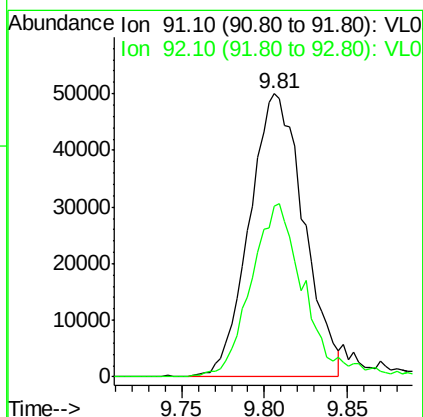
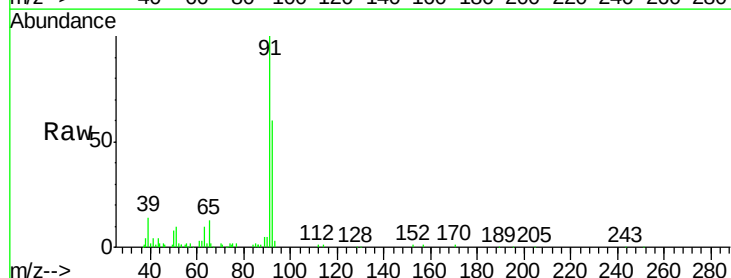
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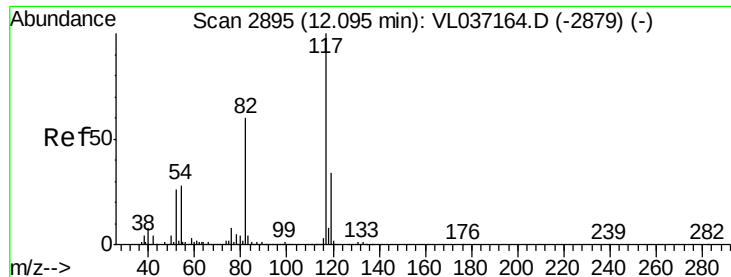
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#53
 Toluene
 Concen: 0.241 ppbv
 RT: 9.81 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: VL037229.D
 Acq: 22 Jun 2021 23:15

Tgt Ion: 91 Resp: 114105
 Ion Ratio Lower Upper
 91 100
 92 60.7 48.3 72.5





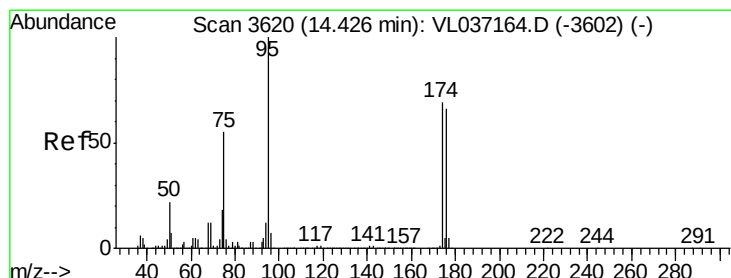
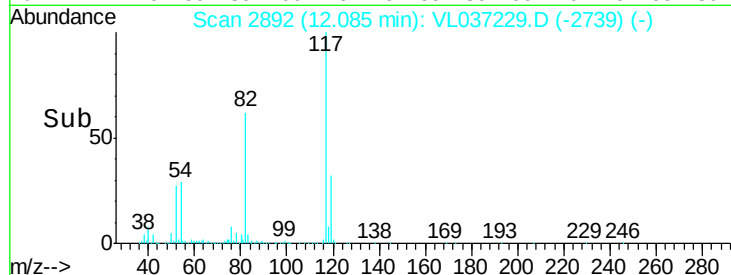
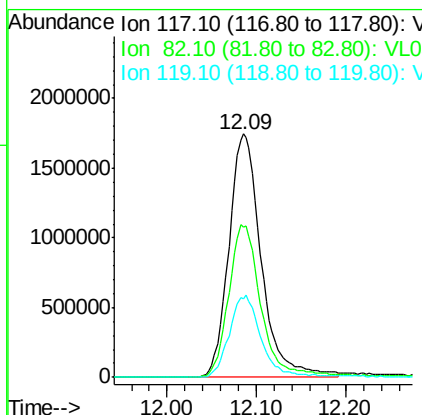
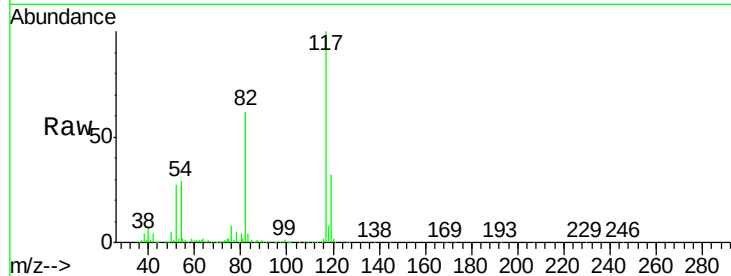
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL037229.D
Acq: 22 Jun 2021 23:15

Instrument :
MSVOA_L
ClientSampleId :
SV-02DL

Tot Ion:117 Resp: 4392204
Ion Ratio Lower Upper
117 100
82 64.5 51.7 77.5
119 34.2 47.6 71.4#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.027 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL037229.D
Acq: 22 Jun 2021 23:15

Tgt Ion: 95 Resp: 3337077
Ion Ratio Lower Upper
95 100
174 71.9 57.0 85.4
175 5.2 4.4 6.6

