

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036663.D
 Acq On : 3 Apr 2021 2:44
 Operator : SY/AP
 Sample : M1834-02 1200X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
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Quant Time: Apr 03 07:32:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1334179	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3372451	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2996088	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2390882	10.01	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	9291m	0.117	ppbv	
15) Acetone	3.85	43	128459	0.978	ppbv	97
20) Methylene Chloride	4.32	84	11620m	0.189	ppbv	
23) Vinyl Acetate	5.09	43	42521m	0.189	ppbv	
26) Hexane	5.67	57	15632m	0.108	ppbv	
34) 2-Butanone	5.24	43	81179m	0.493	ppbv	
44) 2,2,4-Trimethylpentane	7.84	57	87430	0.160	ppbv #	86
52) Tetrachloroethene	11.19	164	19838m	0.173	ppbv	

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

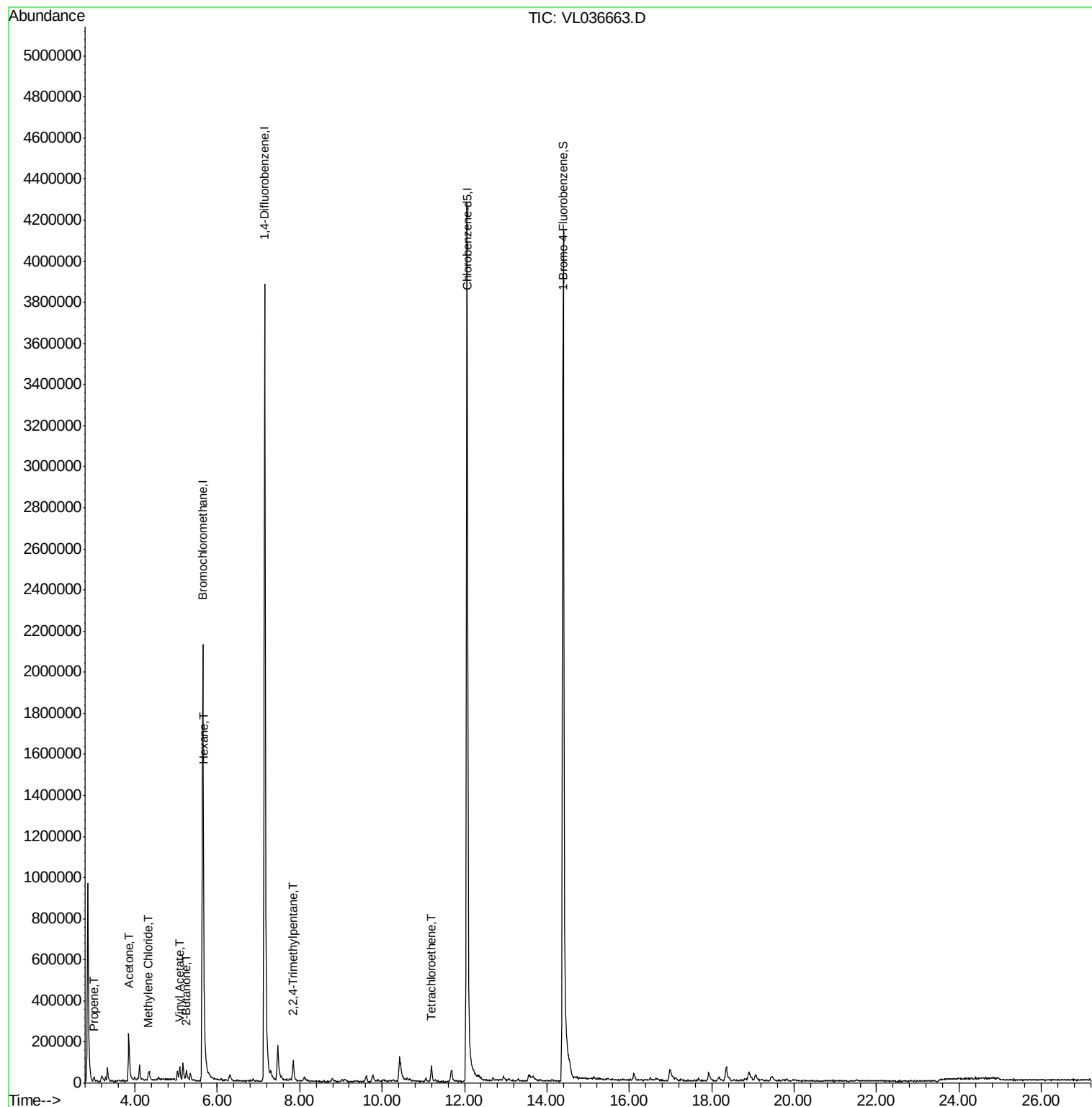
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036663.D
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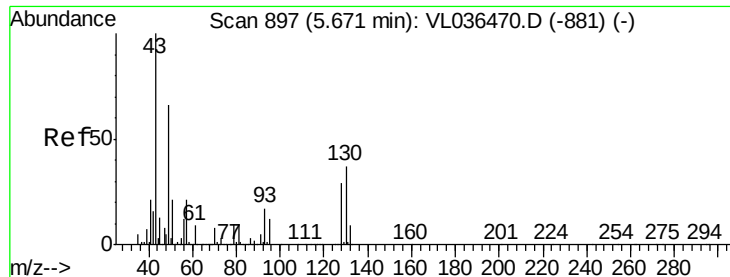
Instrument :
MSVOA_L
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Quant Time: Apr 03 07:32:48 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.03 min

Lab File: VL036663.D

Acq: 3 Apr 2021 2:44

Instrument :

MSVOA_L

ClientSampled :

SV2

Tot Ion: 49 Resp: 1334179

Ion Ratio Lower Upper

49 100

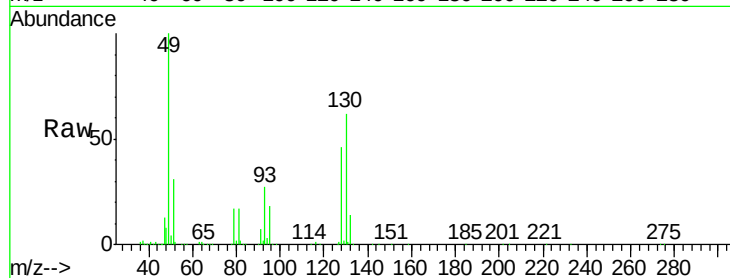
128 49.0 23.5 70.6

130 61.8 29.1 87.4

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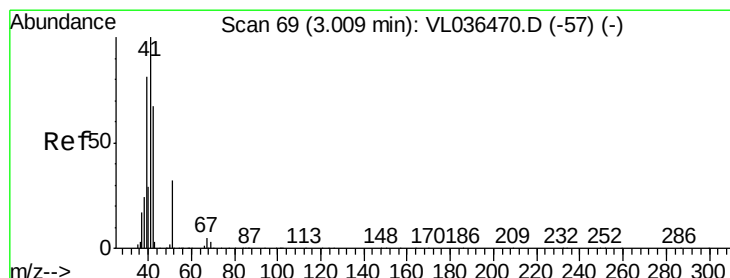
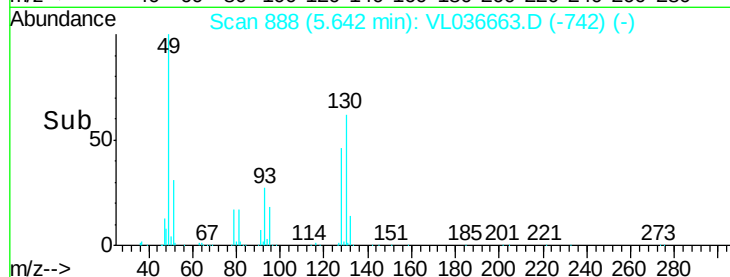
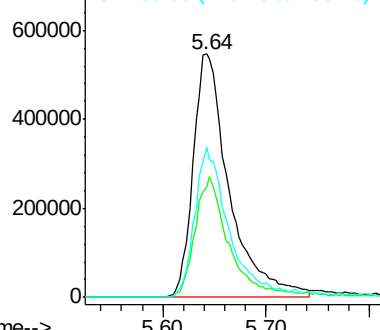
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.117 ppbv m

RT: 3.01 min Scan# 68

Delta R.T. -0.00 min

Lab File: VL036663.D

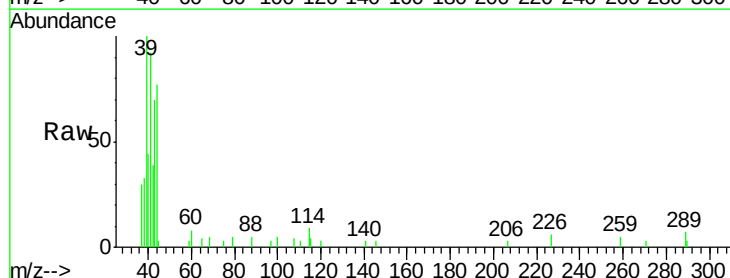
Acq: 3 Apr 2021 2:44

Tgt Ion: 41 Resp: 9291

Ion Ratio Lower Upper

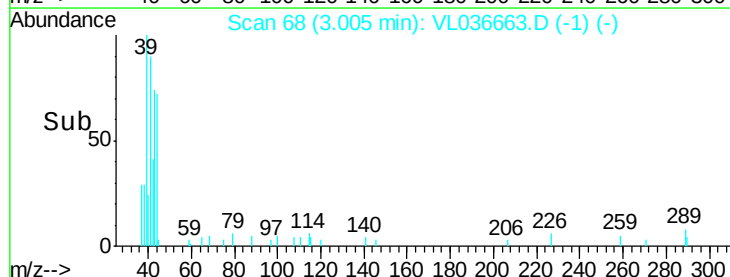
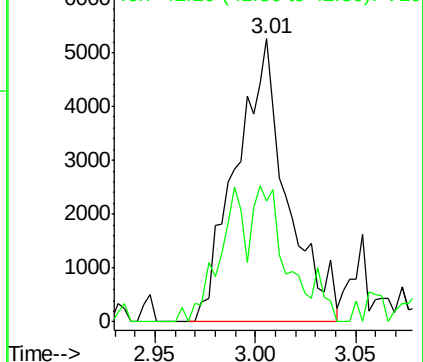
41 100

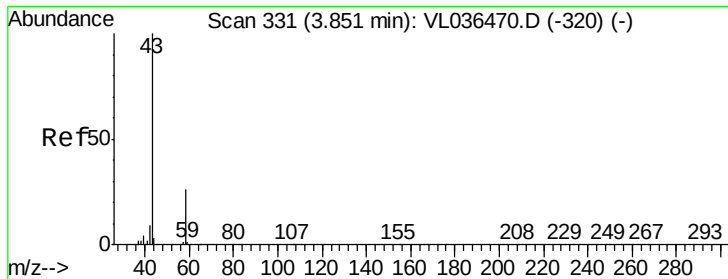
42 0.0 57.0 85.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.978 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.00 min

Lab File: VL036663.D

Acq: 3 Apr 2021 2:44

Instrument :

MSVOA_L

ClientSampled :

SV2

Tot Ion: 43 Resp: 128459

Ion Ratio Lower Upper

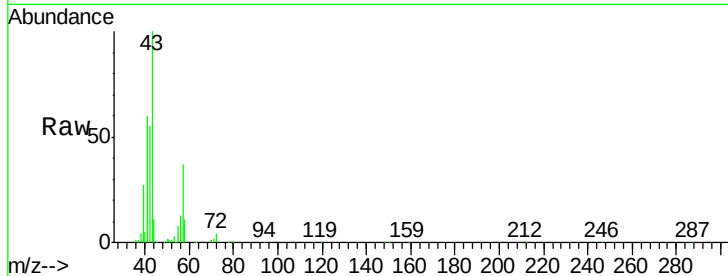
43 100

58 25.0 21.2 31.8

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.85

80000

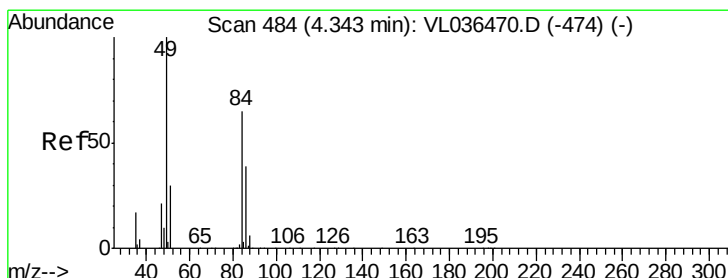
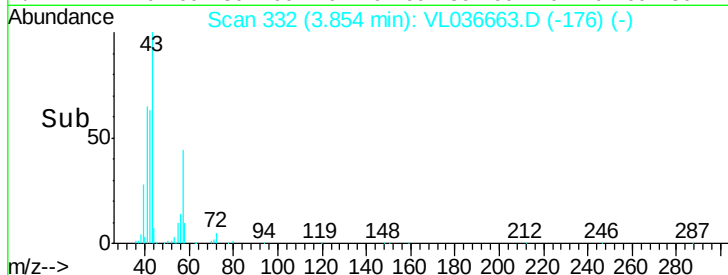
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 0.189 ppbv m

RT: 4.32 min Scan# 478

Delta R.T. -0.02 min

Lab File: VL036663.D

Acq: 3 Apr 2021 2:44

Tgt Ion: 84 Resp: 11620

Ion Ratio Lower Upper

84 100

49 133.6 122.9 184.3

51 44.3 36.9 55.3

86 52.5 48.2 72.4

Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

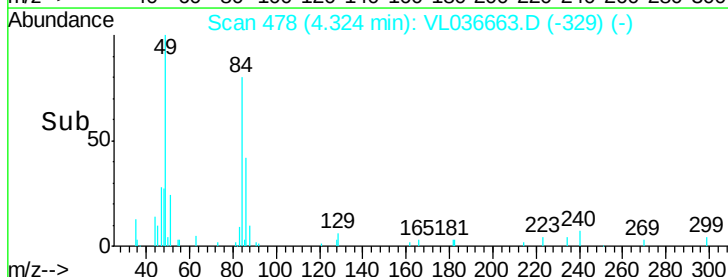
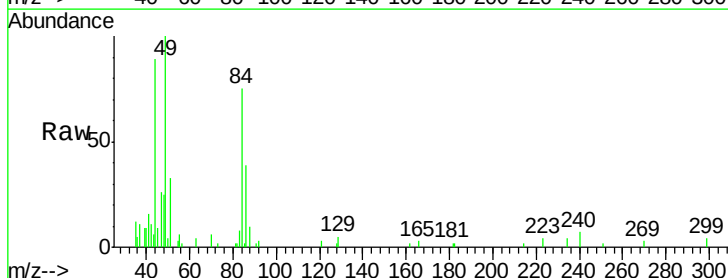
15000

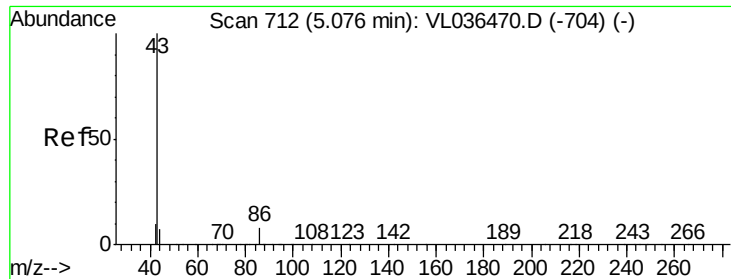
10000

5000

0

Time-->





#23

Vinyl Acetate

Concen: 0.189 ppbv m

RT: 5.09 min Scan# 716

Delta R.T. 0.01 min

Lab File: VL036663.D

Acq: 3 Apr 2021 2:44

Instrument :

MSVOA_L

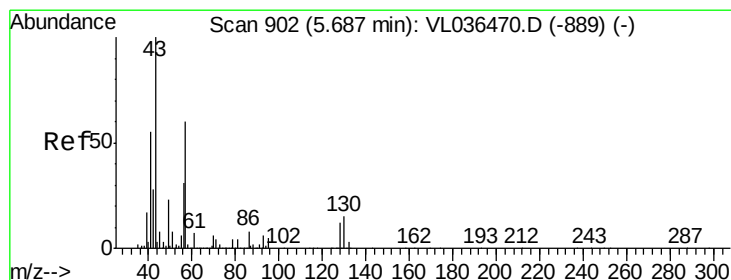
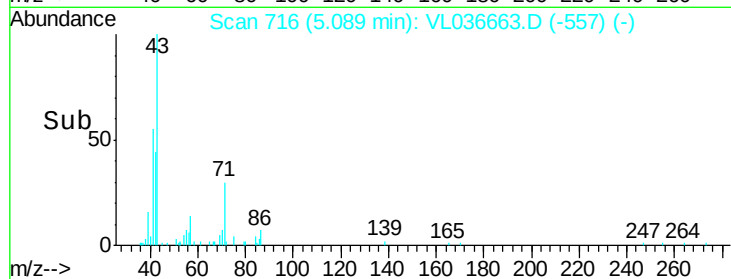
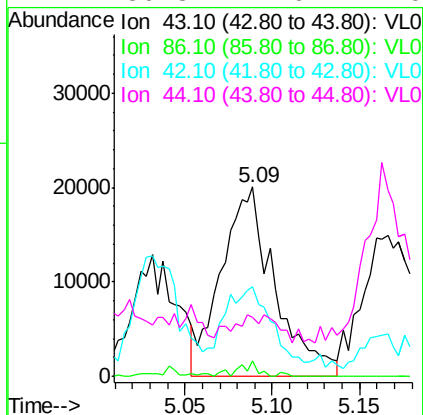
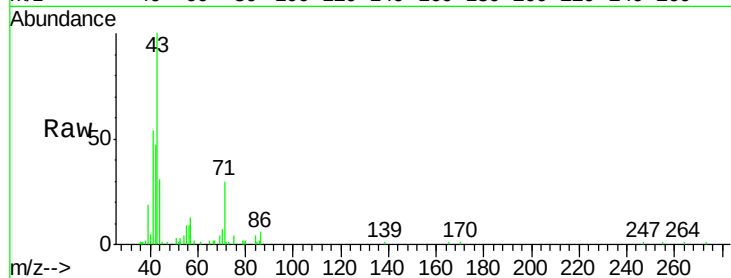
ClientSampled :

SV2

Tot Ion	Ratio	Lower	Upper
43	100		
86	5.9	5.4	8.0
42	47.4	8.5	12.7#
44	30.8	4.6	7.0#

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#26

Hexane

Concen: 0.108 ppbv m

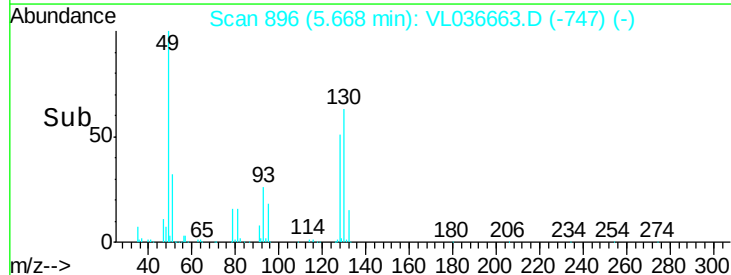
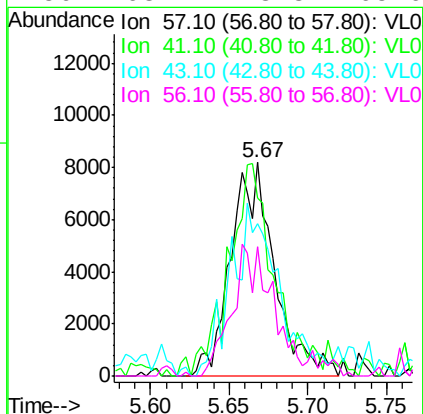
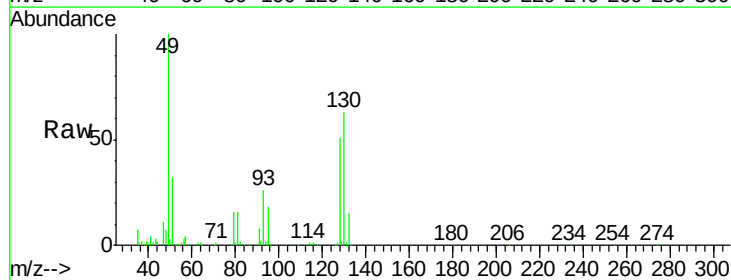
RT: 5.67 min Scan# 896

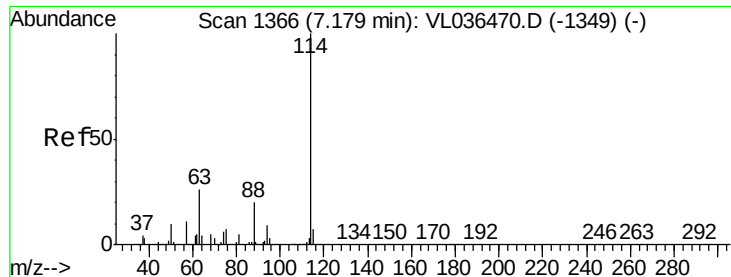
Delta R.T. -0.02 min

Lab File: VL036663.D

Acq: 3 Apr 2021 2:44

Tgt Ion	Ratio	Lower	Upper
57	100		
41	0.0	77.2	115.8#
43	0.0	173.8	260.6#
56	63.2	43.8	65.6





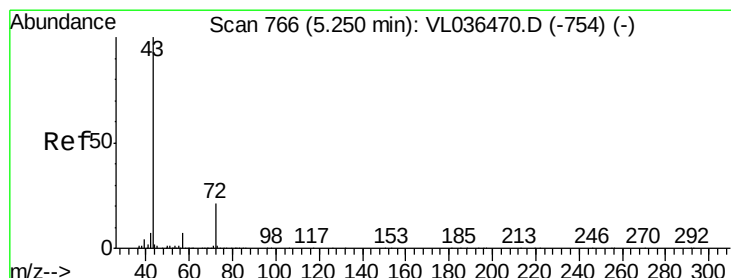
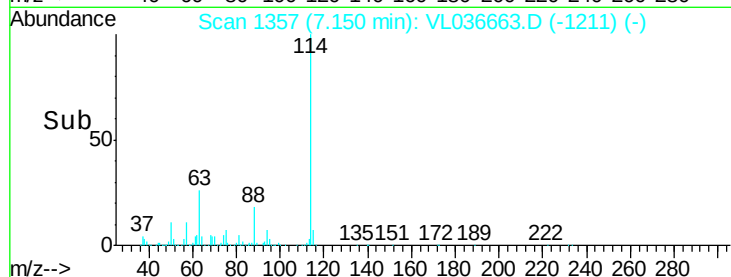
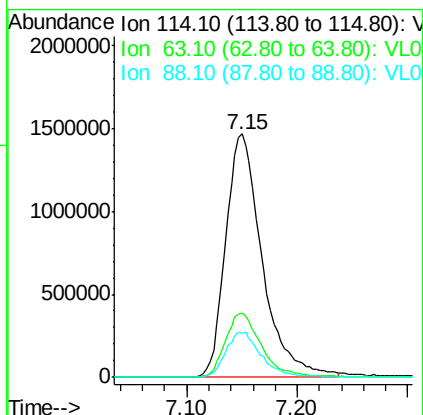
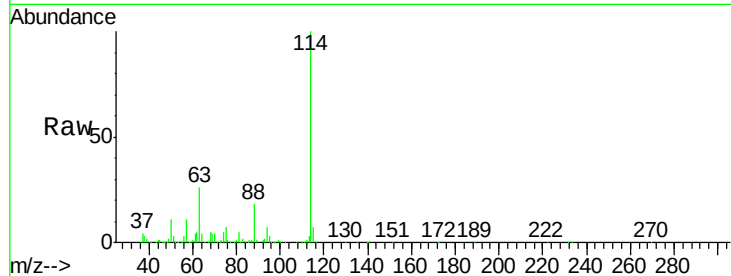
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.03 min
 Lab File: VL036663.D
 Acq: 3 Apr 2021 2:44

Instrument :
 MSVOA_L
 ClientSampled :
 SV2

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.4	22.4	33.6
88	18.5	15.4	23.0

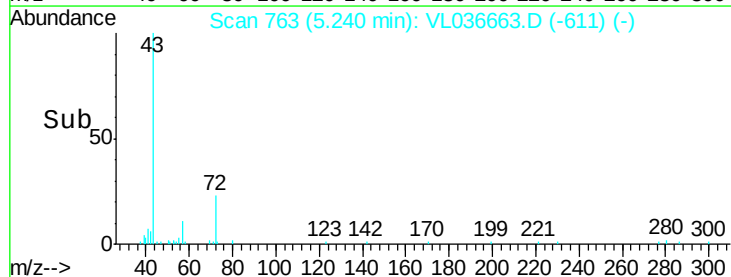
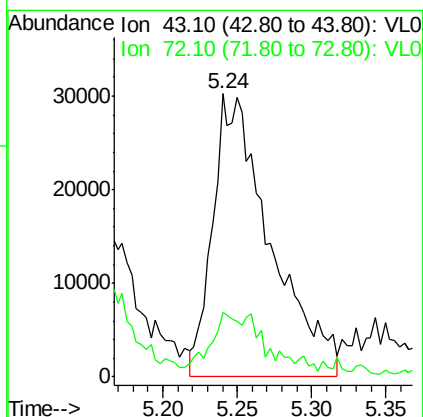
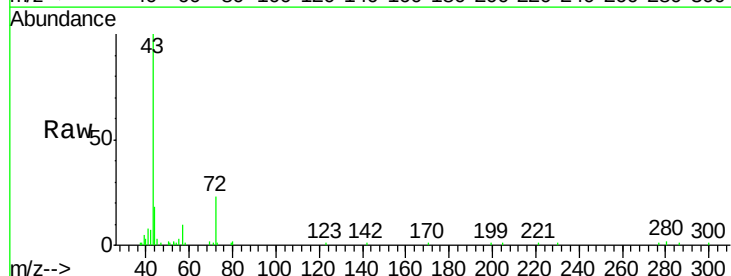
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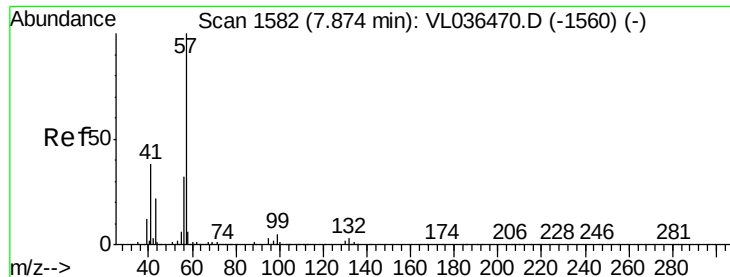
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#34
 2-Butanone
 Concen: 0.493 ppbv m
 RT: 5.24 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: VL036663.D
 Acq: 3 Apr 2021 2:44

Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.2	17.0	25.6





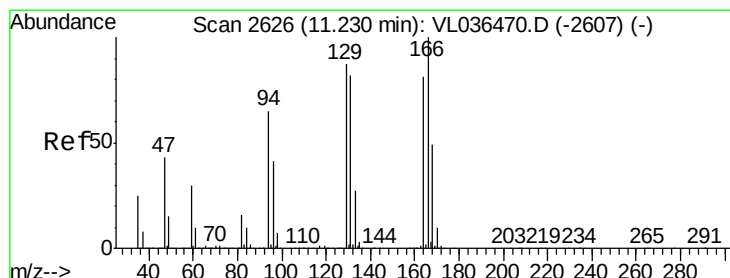
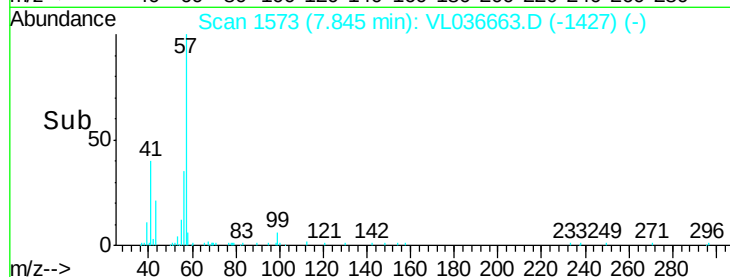
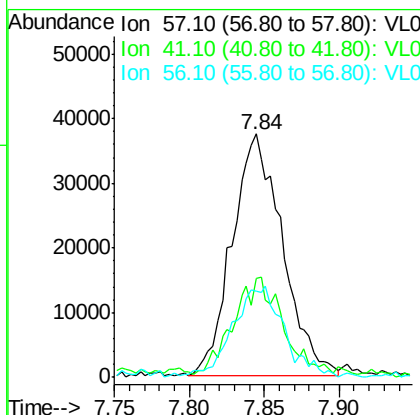
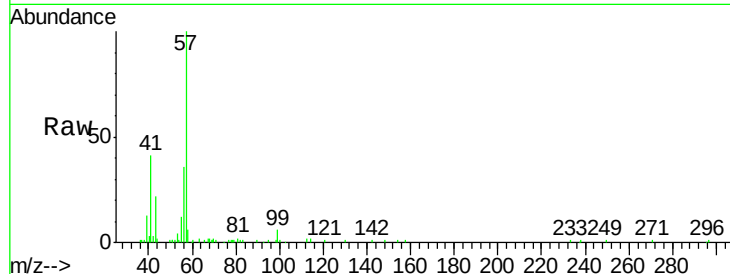
#44
 2,2,4-Trimethylpentane
 Concen: 0.160 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: VL036663.D
 Acq: 3 Apr 2021 2:44

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Tot Ion	Ratio	Lower	Upper
57	100		
41	45.1	28.8	43.2#
56	40.0	26.1	39.1#

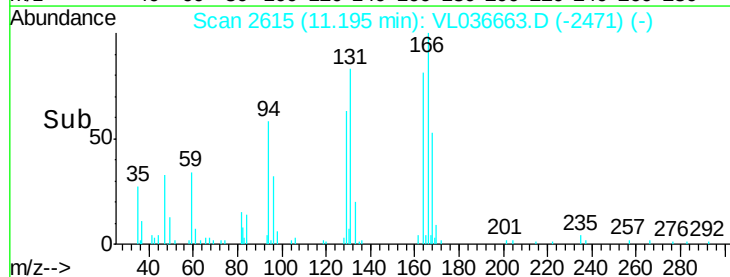
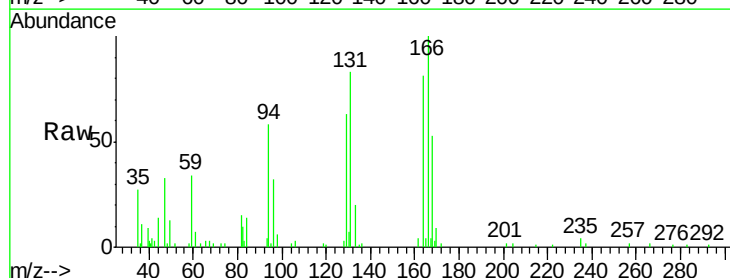
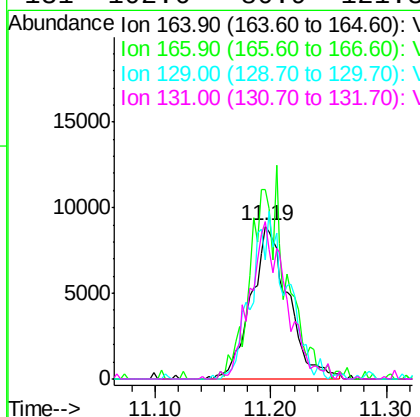
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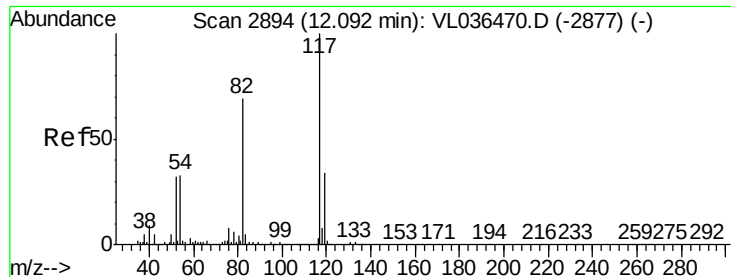
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#52
 Tetrachloroethene
 Concen: 0.173 ppbv m
 RT: 11.19 min Scan# 2615
 Delta R.T. -0.04 min
 Lab File: VL036663.D
 Acq: 3 Apr 2021 2:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	98.3	147.5
129	78.0	85.8	128.8#
131	102.6	80.9	121.3





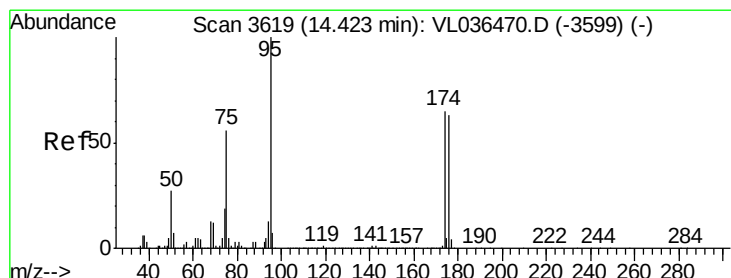
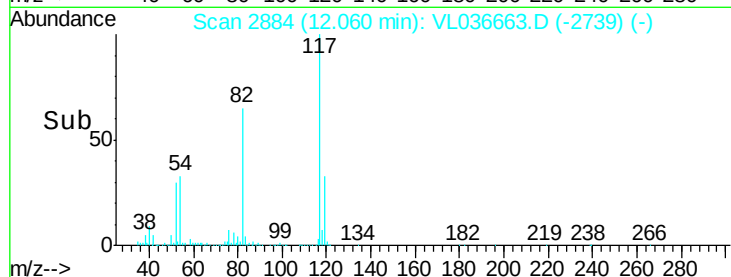
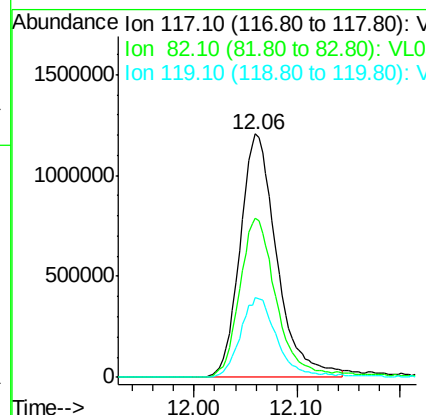
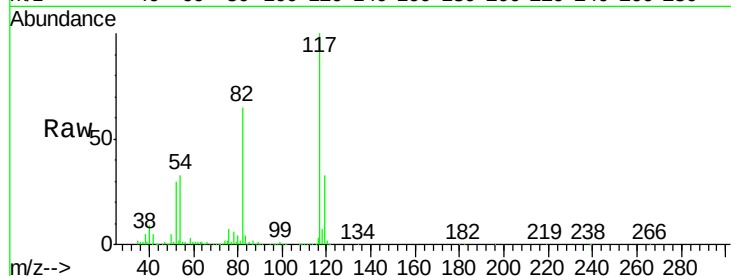
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.03 min
Lab File: VL036663.D
Acq: 3 Apr 2021 2:44

Instrument :
MSVOA_L
ClientSampled :
SV2

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.2	57.4	86.0
119	33.3	47.4	71.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.012 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL036663.D
Acq: 3 Apr 2021 2:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.8	51.0	76.6
175	4.7	3.9	5.9

