

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037239.D
 Acq On : 23 Jun 2021 10:04
 Operator : SY/AP
 Sample : M2797-02DL 200X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

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Quant Time: Jun 24 09:54:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	5.65	49	1505279	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4418721	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.07	117	3876403	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2858125	9.73	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	218288	0.746	ppbv	99
9) Propene	3.00	41	67658	0.723	ppbv	99
15) Acetone	3.84	43	556185m	3.277	ppbv	
34) 2-Butanone	5.24	43	753671	4.386	ppbv	99
52) Tetrachloroethene	11.21	164	26257m	0.158	ppbv	

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

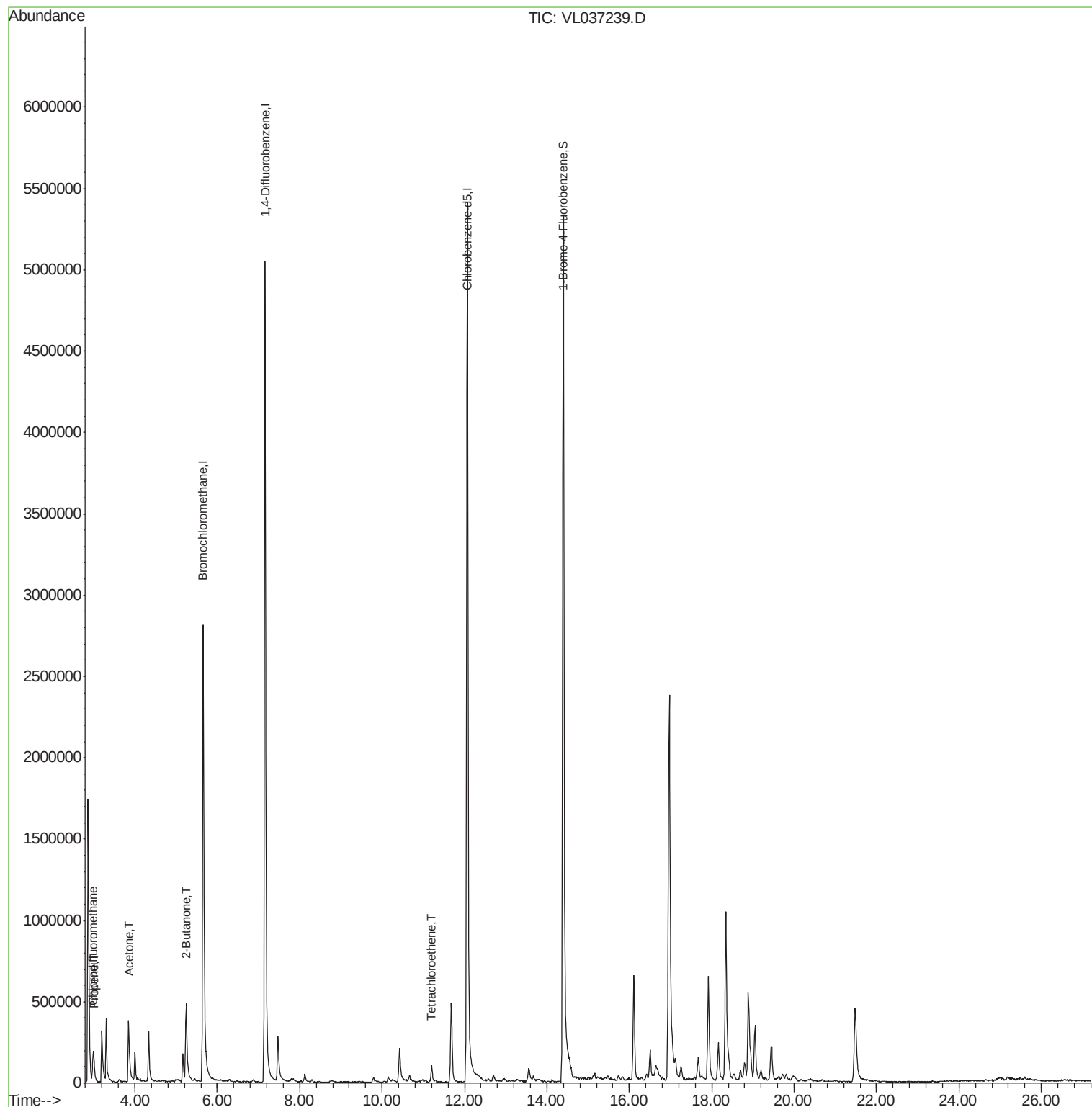
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
Data File : VL037239.D
Acq On : 23 Jun 2021 10:04
Operator : SY/AP
Sample : M2797-02DL 200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

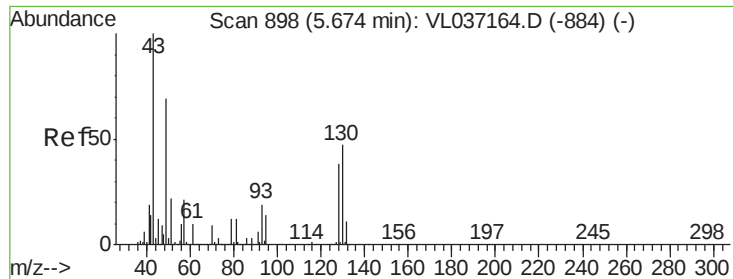
Instrument :
MSVOA_L
ClientSampleId :
SV2DL

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Quant Time: Jun 24 09:54:03 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 23 16:13:57 2021
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

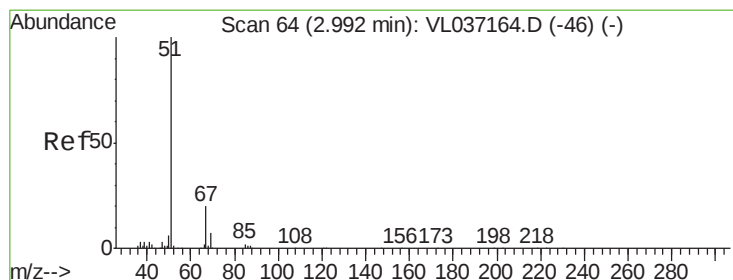
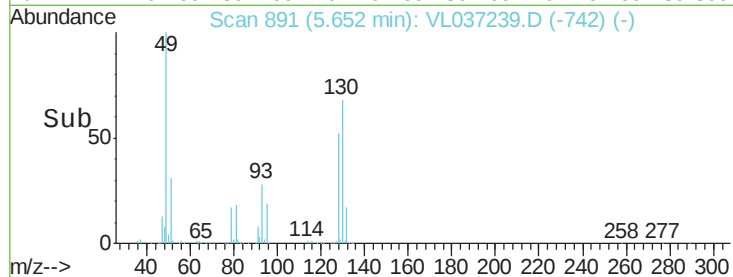
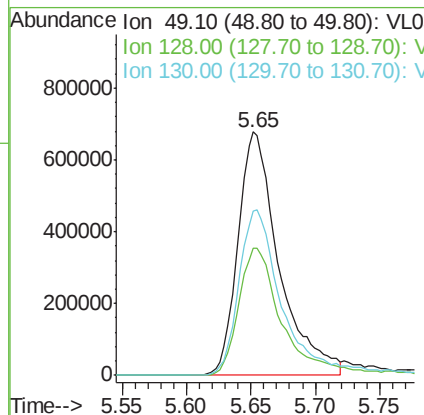
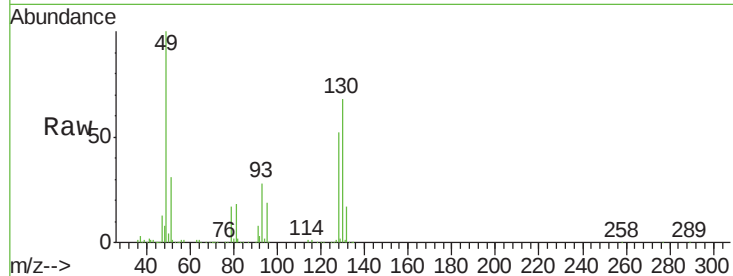
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: VL037239.D
 Acq: 23 Jun 2021 10:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Tot Ion: 49 Resp: 1505279
 Ion Ratio Lower Upper
 49 100
 128 57.0 29.3 88.0
 130 73.3 35.9 107.8

Manual Integrations
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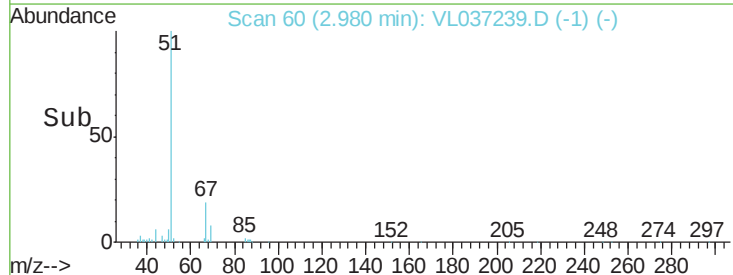
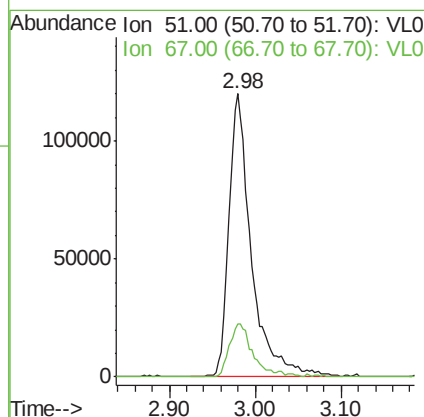
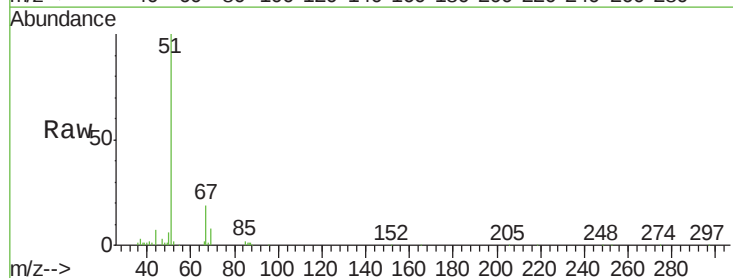
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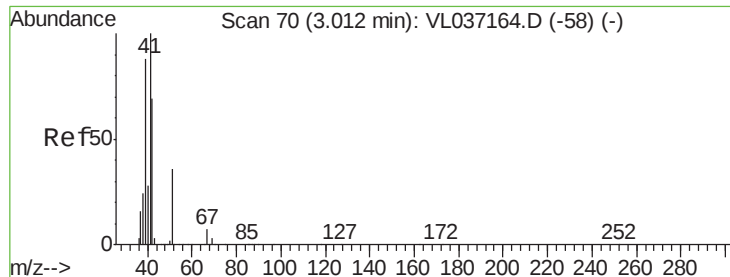


#3

Chlorodifluoromethane
 Concen: 0.746 ppbv
 RT: 2.98 min Scan# 60
 Delta R.T. -0.01 min
 Lab File: VL037239.D
 Acq: 23 Jun 2021 10:04

Tgt Ion: 51 Resp: 218288
 Ion Ratio Lower Upper
 51 100
 67 20.2 15.8 23.6





#9

Propene

Concen: 0.723 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL037239.D

Acq: 23 Jun 2021 10:04

Instrument :

MSVOA_L

ClientSampleId :

SV2DL

Tot Ion: 41 Resp: 67658

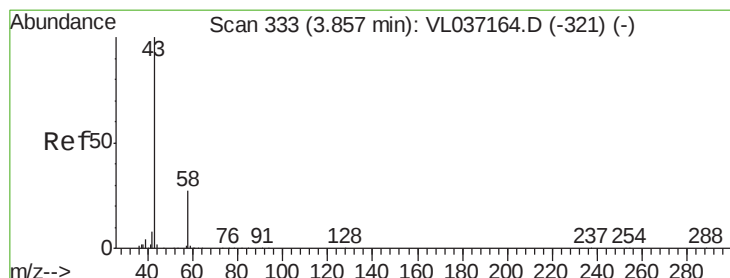
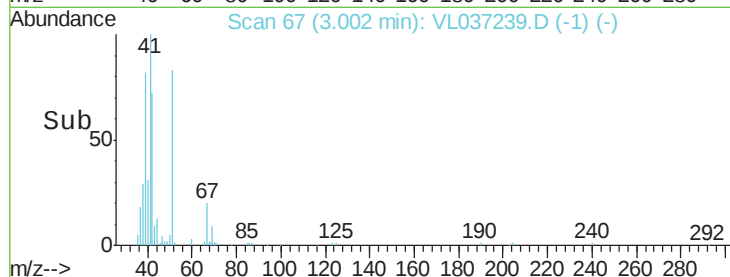
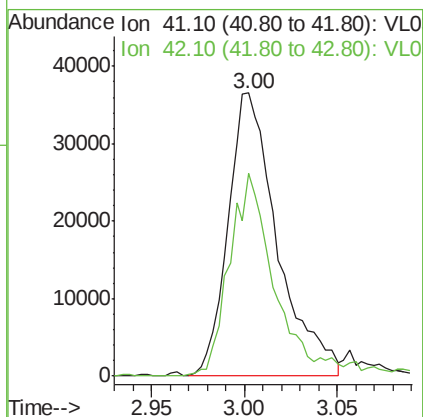
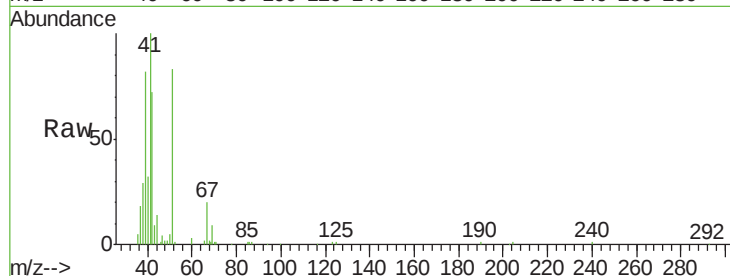
Ion Ratio Lower Upper

41 100

42 69.2 54.5 81.7

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#15

Acetone

Concen: 3.277 ppbv m

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL037239.D

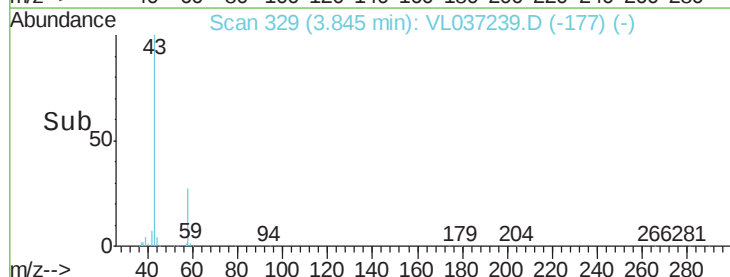
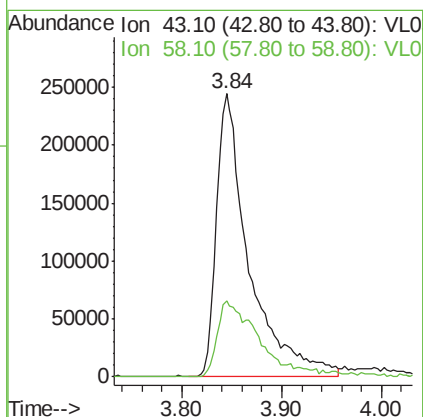
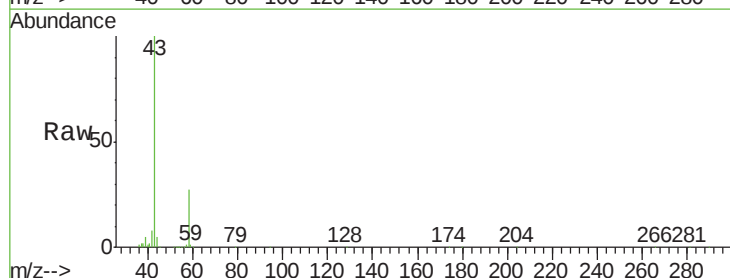
Acq: 23 Jun 2021 10:04

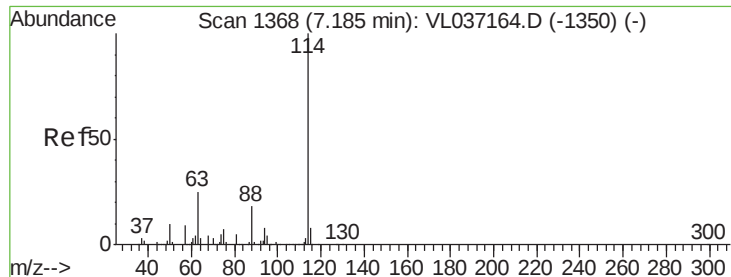
Tgt Ion: 43 Resp: 556185

Ion Ratio Lower Upper

43 100

58 36.4 23.7 35.5#





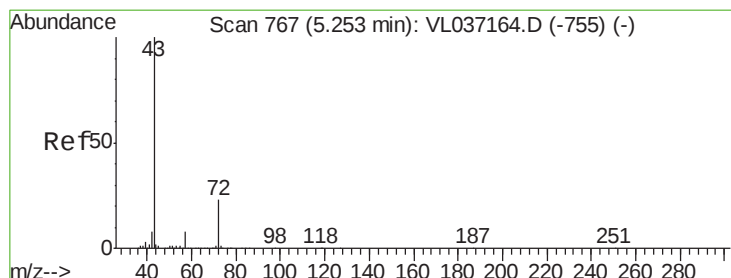
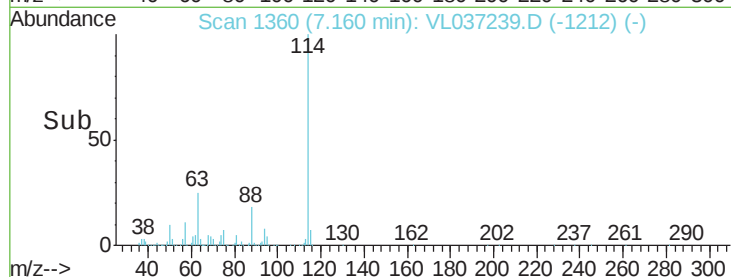
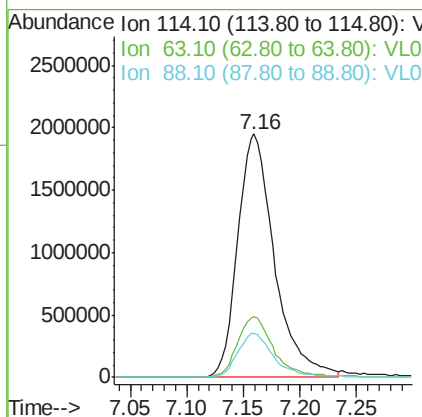
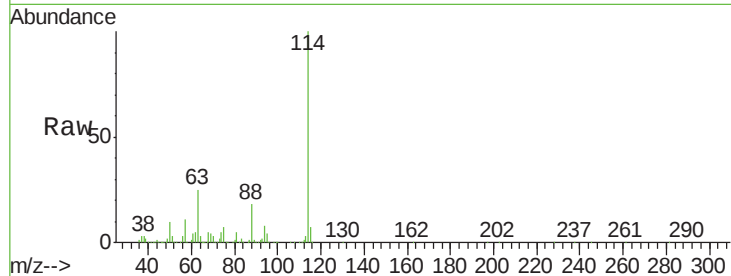
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.03 min
 Lab File: VL037239.D
 Acq: 23 Jun 2021 10:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.2	19.6	29.4
88	18.1	14.2	21.2

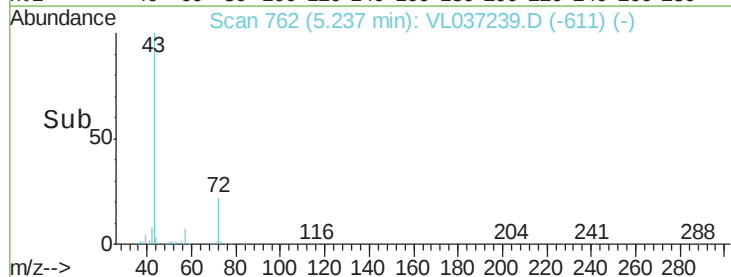
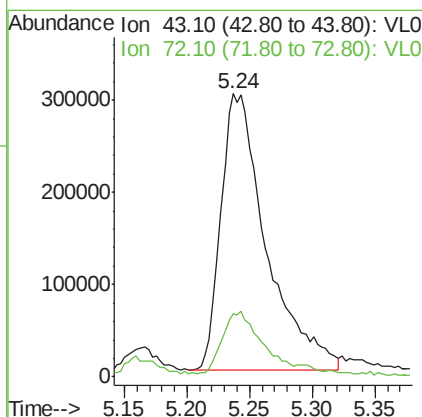
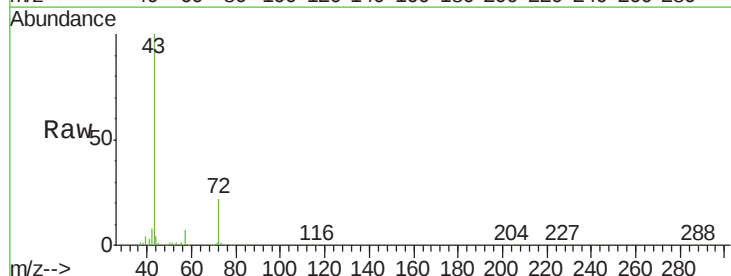
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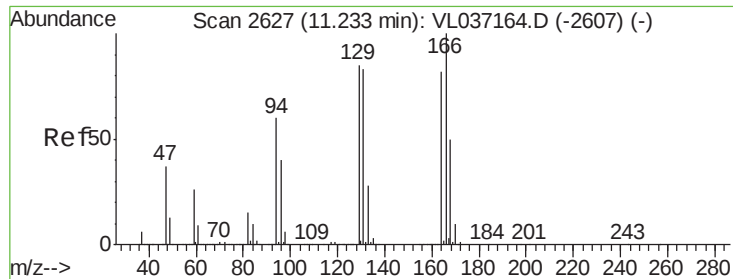
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#34
 2-Butanone
 Concen: 4.386 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: VL037239.D
 Acq: 23 Jun 2021 10:04

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.9	18.9	28.3





#52

Tetrachloroethene

Concen: 0.158 ppbv m

RT: 11.21 min Scan# 2619

Delta R.T. -0.03 min

Lab File: VL037239.D

Acq: 23 Jun 2021 10:04

Instrument :

MSVOA_L

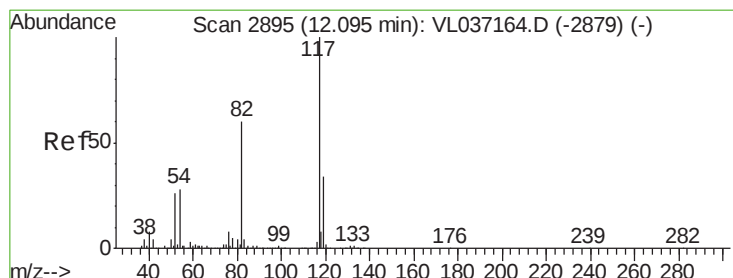
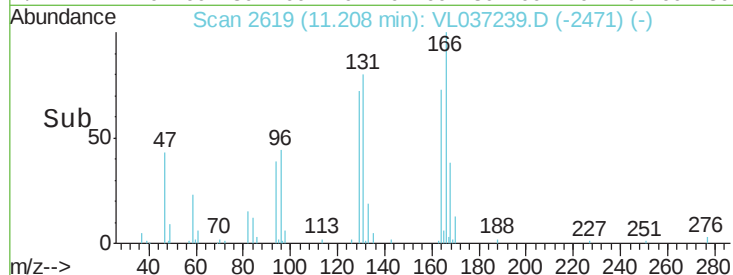
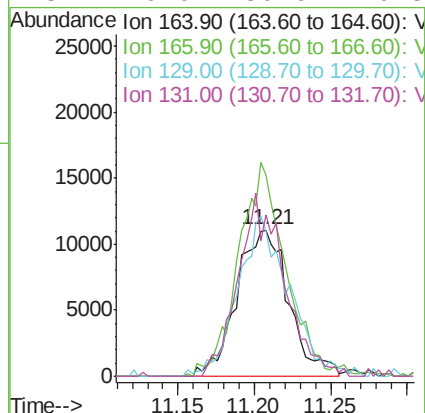
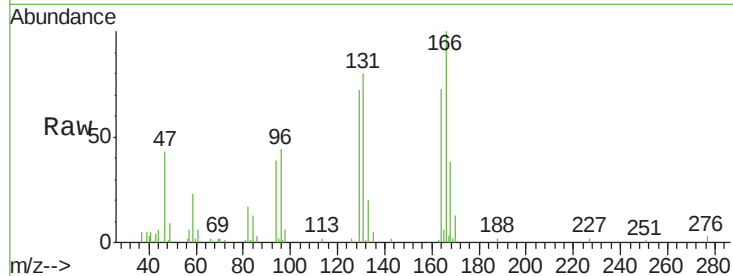
ClientSampled :

SV2DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	137.0	97.6	146.4
129	98.9	82.9	124.3
131	110.0	80.6	120.8

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

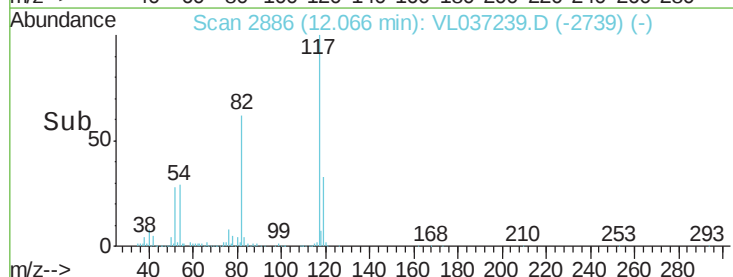
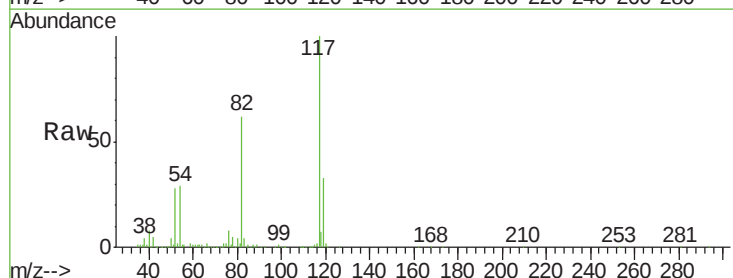
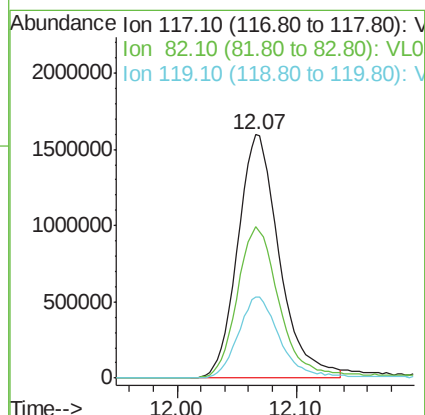
RT: 12.07 min Scan# 2886

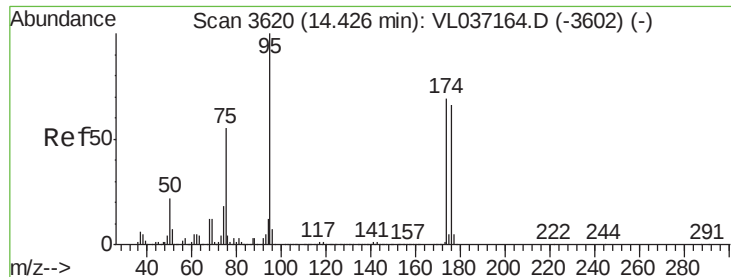
Delta R.T. -0.03 min

Lab File: VL037239.D

Acq: 23 Jun 2021 10:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.6	51.7	77.5
119	34.5	47.6	71.4#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.730 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.03 min
 Lab File: VL037239.D
 Acq: 23 Jun 2021 10:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	75.5	57.0	85.4
175	5.6	4.4	6.6

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