

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL036997.D
 Acq On : 19 May 2021 18:26
 Operator : SY/AP
 Sample : M2424-11DLDP 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KIA-01DLDP

Manual Integrations
 APPROVED

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 5/24/2021 3:01:44 PM

Quant Time: May 21 17:02:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1221869	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3651526	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3366200	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2480022	9.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	29686m	0.370	ppbv	
13) Ethanol	3.60	45	520392	48.658	ppbv	97
15) Acetone	3.84	43	241659	1.931	ppbv #	87
19) Isopropyl Alcohol	3.97	45	44256m	0.658	ppbv	
20) Methylene Chloride	4.33	84	573733	8.552	ppbv	99
26) Hexane	5.67	57	521716	3.396	ppbv #	46

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

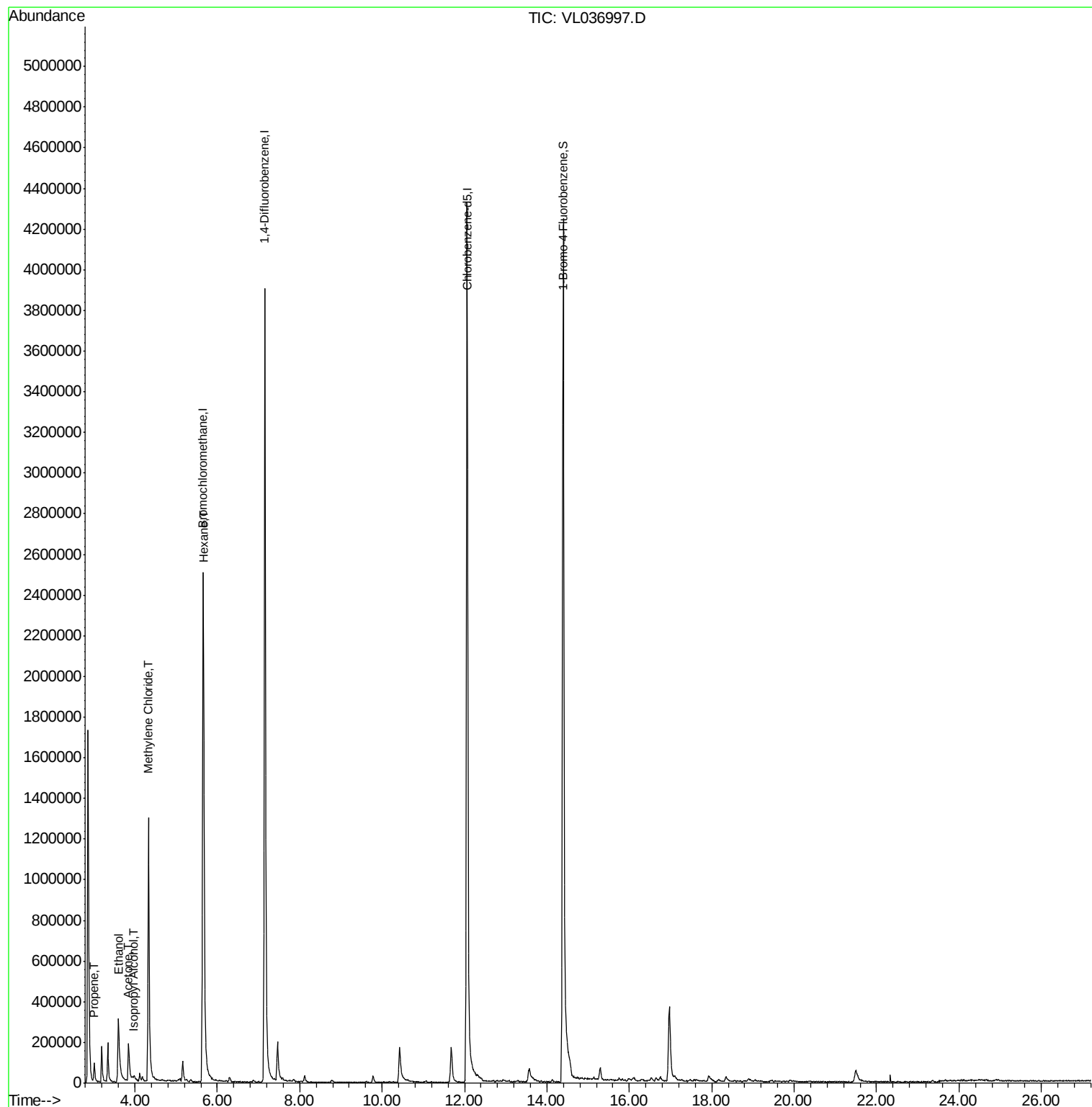
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051921\
Data File : VL036997.D
Acq On : 19 May 2021 18:26
Operator : SY/AP
Sample : M2424-11DLUP 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

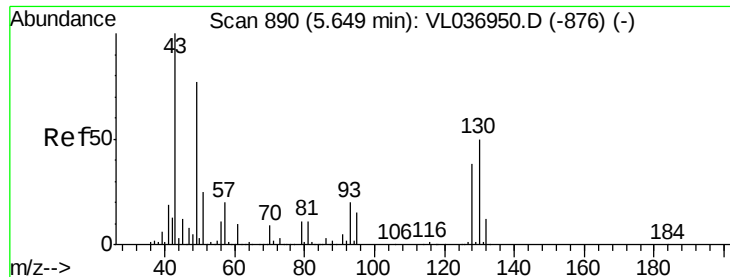
Instrument :
MSVOA_L
ClientSampleId :
KIA-01DLUP

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Quant Time: May 21 17:02:54 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL036997.D

Acq: 19 May 2021 18:26

Instrument :

MSVOA_L

ClientSampleId :

KIA-01DLDP

Tot Ion: 49 Resp: 1221869

Ion Ratio Lower Upper

49 100

128 57.8 26.9 80.7

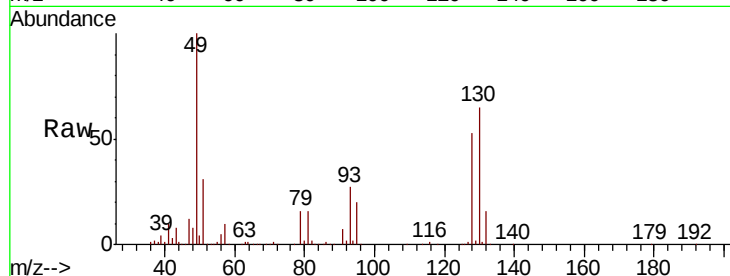
130 74.4 33.8 101.4

Manual Integrations

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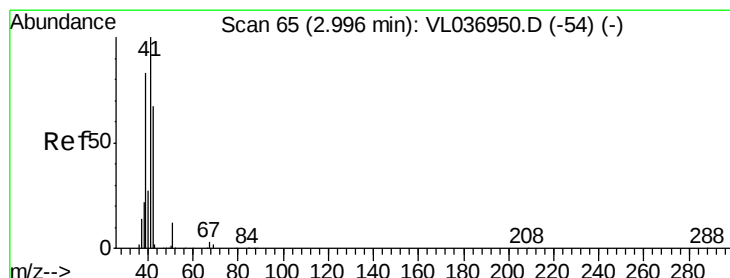
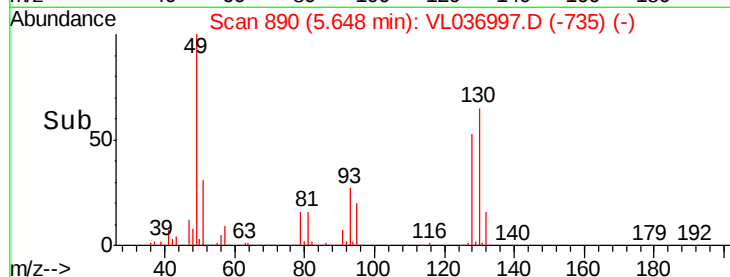
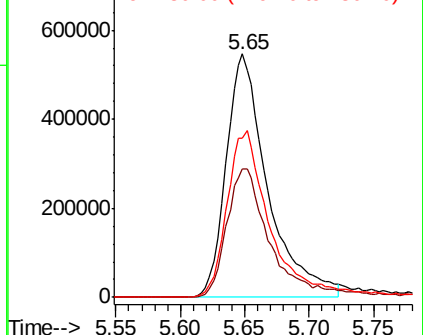
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.370 ppbv m

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VL036997.D

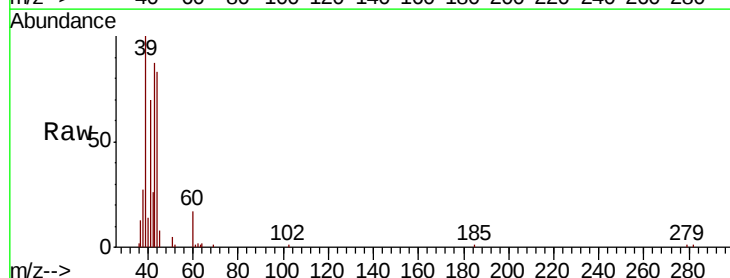
Acq: 19 May 2021 18:26

Tgt Ion: 41 Resp: 29686

Ion Ratio Lower Upper

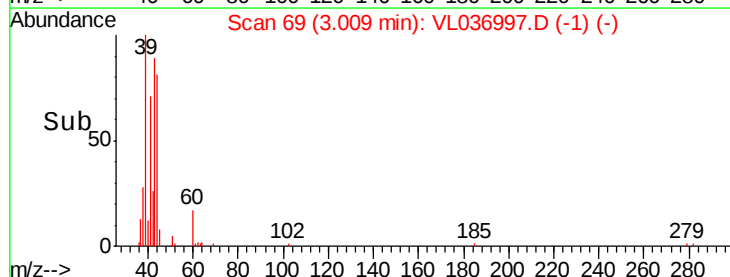
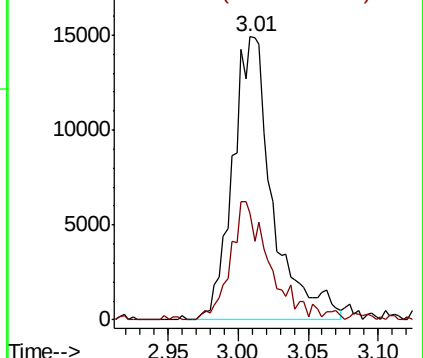
41 100

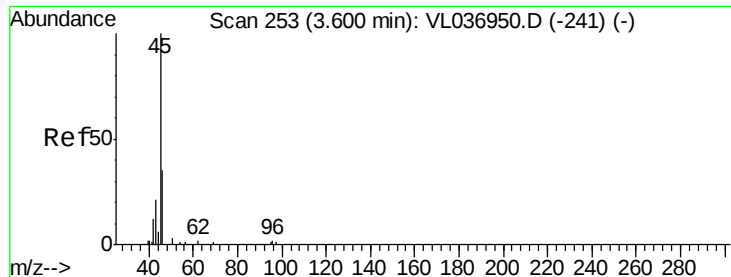
42 41.2 53.9 80.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





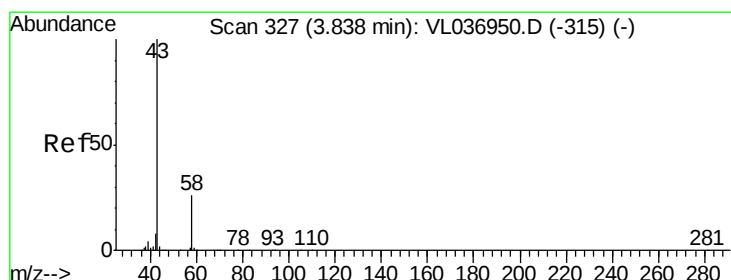
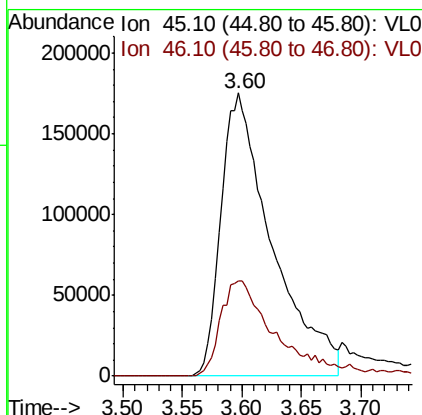
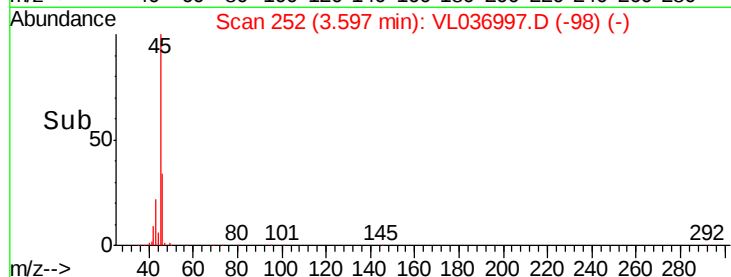
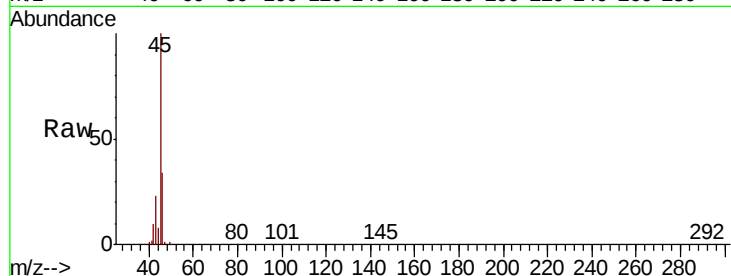
#13
Ethanol
Concen: 48.658 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.00 min
Lab File: VL036997.D
Acq: 19 May 2021 18:26

Instrument :
MSVOA_L
ClientSampleId :
KIA-01DLDP

Tot Ion	Ratio	Lower	Upper
45	100		
46	39.1	16.3	65.3

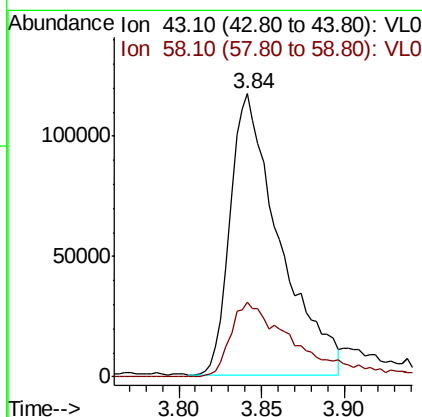
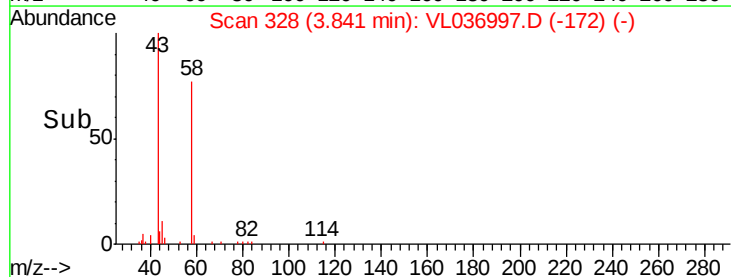
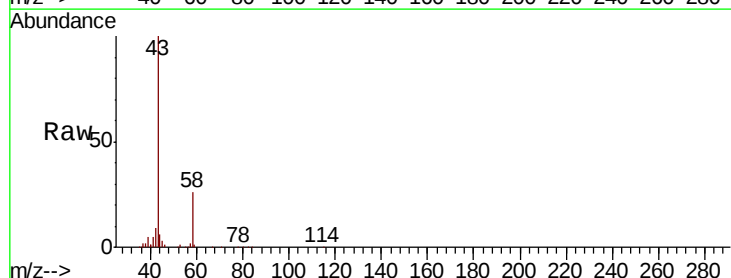
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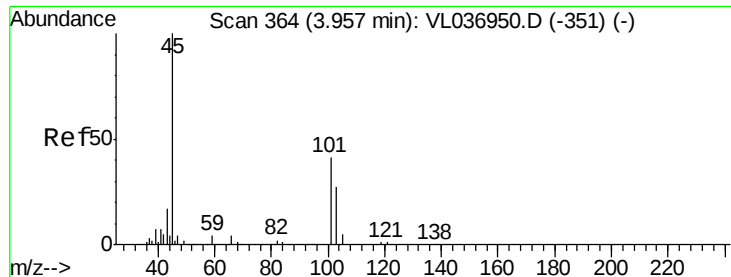
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#15
Acetone
Concen: 1.931 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.00 min
Lab File: VL036997.D
Acq: 19 May 2021 18:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.1	24.0	36.0#





#19

Isopropyl Alcohol

Concen: 0.658 ppbv m

RT: 3.97 min Scan# 369

Delta R.T. 0.02 min

Lab File: VL036997.D

Acq: 19 May 2021 18:26

Instrument :

MSVOA_L

ClientSampleId :

KIA-01DLDP

Tot Ion: 45 Resp: 44256

Ion Ratio Lower Upper

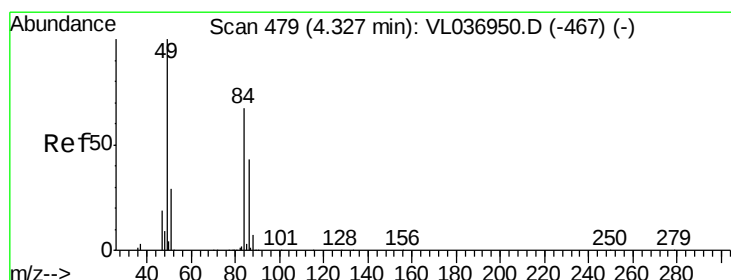
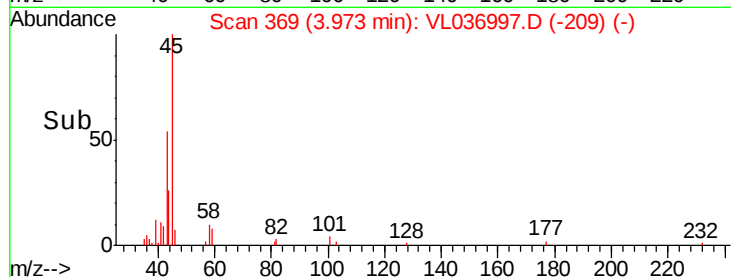
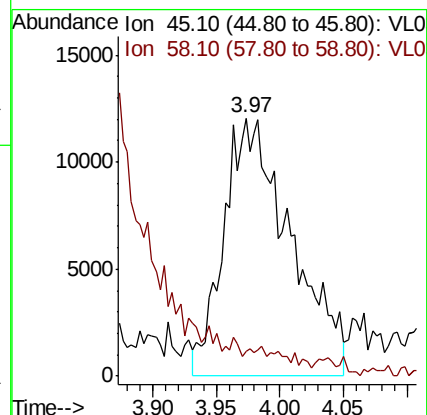
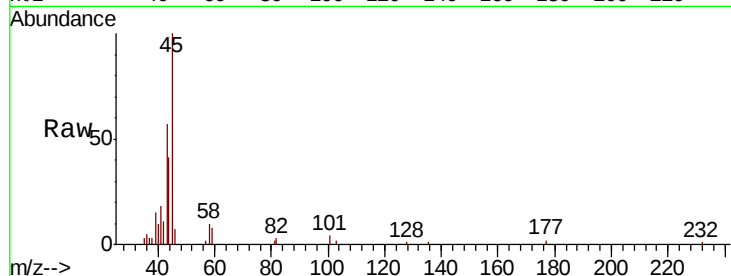
45 100

58 0.0 37.2 55.8#

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5/24/2021 3:01:44 PM



#20

Methylene Chloride

Concen: 8.552 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.00 min

Lab File: VL036997.D

Acq: 19 May 2021 18:26

Tgt Ion: 84 Resp: 573733

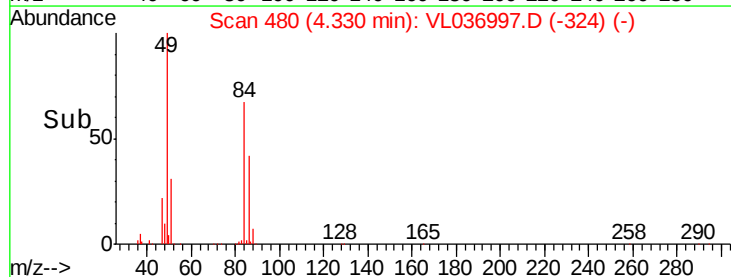
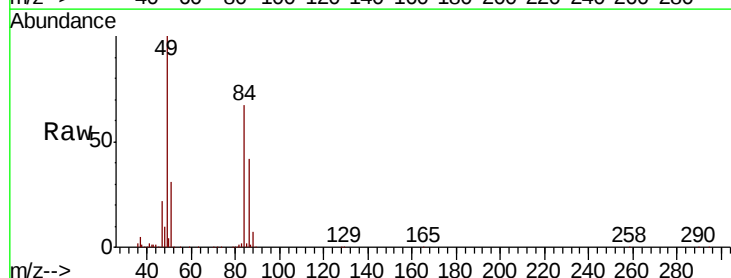
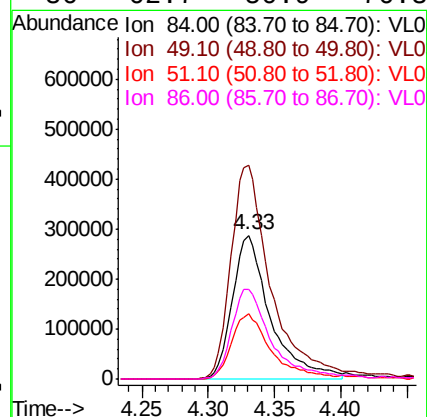
Ion Ratio Lower Upper

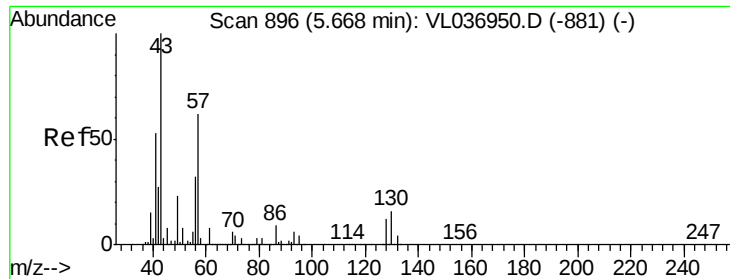
84 100

49 148.7 119.8 179.6

51 45.6 35.1 52.7

86 62.7 50.9 76.3





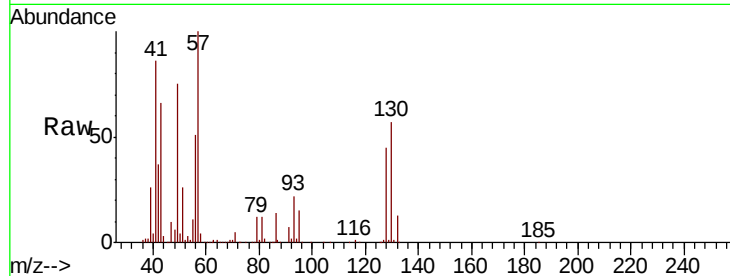
#26
Hexane
Concen: 3.396 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL036997.D
Acq: 19 May 2021 18:26

Instrument :
MSVOA_L
ClientSampleId :
KIA-01DLDP

Tot Ion	Ratio	Lower	Upper
57	100		
41	94.0	70.5	105.7
43	72.2	165.8	248.8#
56	54.4	42.2	63.4

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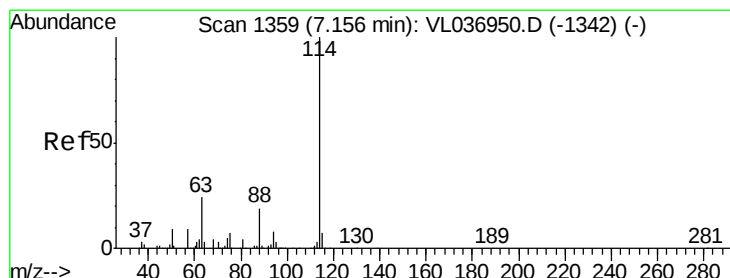
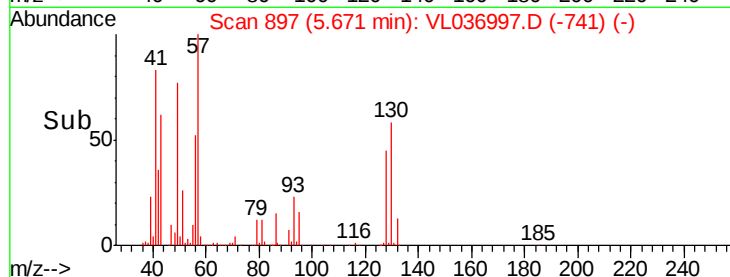
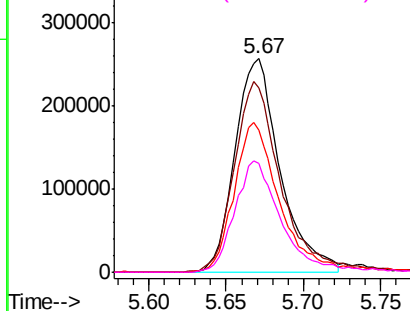
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

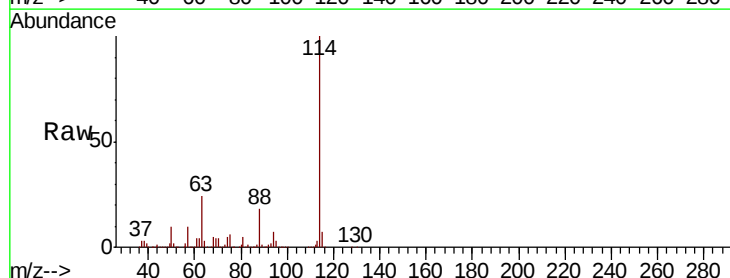
Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VL036997.D
Acq: 19 May 2021 18:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.7	19.6	29.4
88	17.7	14.6	21.8

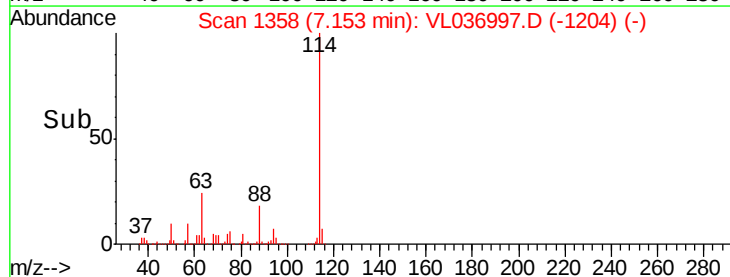
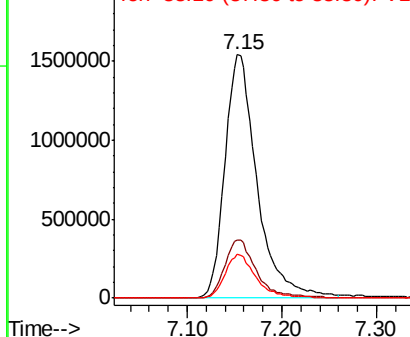


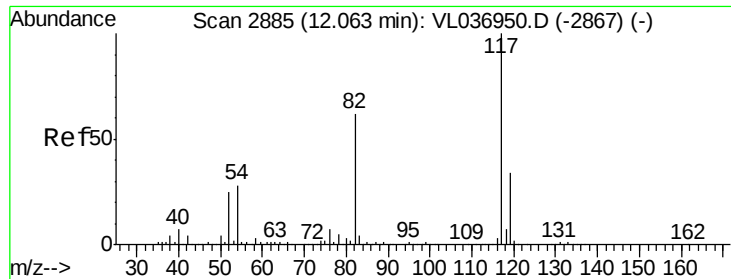
Abundance

Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





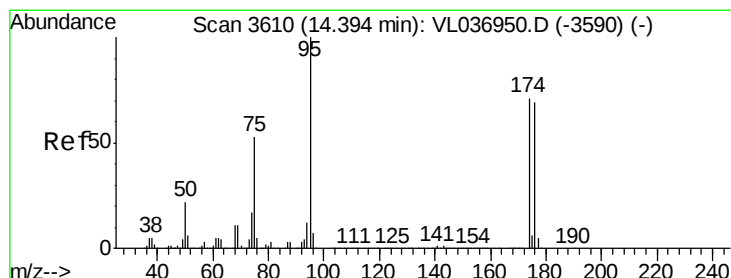
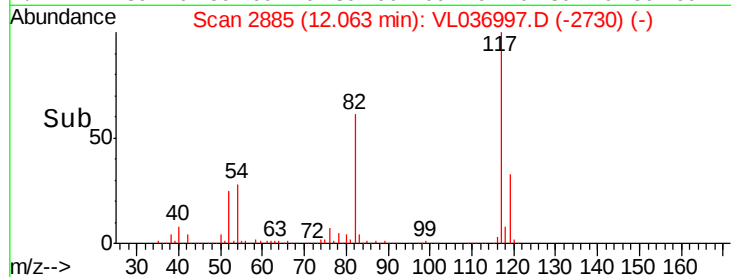
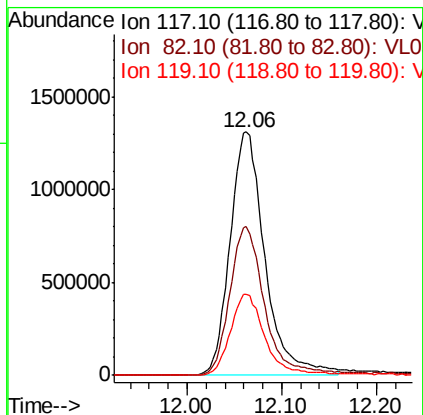
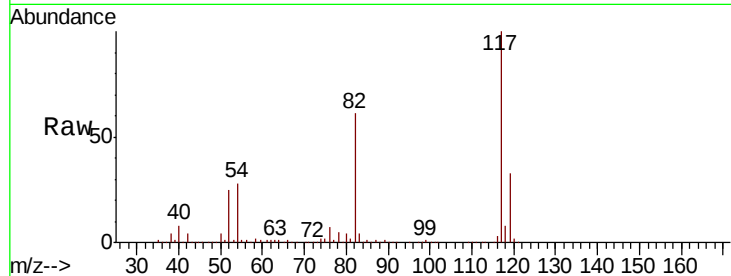
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.00 min
Lab File: VL036997.D
Acq: 19 May 2021 18:26

Instrument :
MSVOA_L
ClientSampleId :
KIA-01DLDP

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.8	52.6	79.0
119	34.0	46.6	70.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.807 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.00 min
Lab File: VL036997.D
Acq: 19 May 2021 18:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.1	58.4	87.6
175	5.5	4.4	6.6

