

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\
 Data File : VL037039.D
 Acq On : 21 May 2021 00:49
 Operator : SY/AP
 Sample : M2424-08DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-11DL

Manual Integrations
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 5/24/2021 3:27:37 PM

Quant Time: May 22 23:38:43 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	5.63	49	1122820	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	3279823	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.04	117	2957896	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	2099049	9.45	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	329921m	4.479	ppbv	
10) Heptane	8.08	43	626326	3.412	ppbv	99
13) Ethanol	3.60	45	37546m	3.820	ppbv	
15) Acetone	3.82	43	1286207m	11.184	ppbv	
19) Isopropyl Alcohol	3.97	45	23407m	0.379	ppbv	
20) Methylene Chloride	4.31	84	134203	2.177	ppbv	99
26) Hexane	5.65	57	1174139	8.317	ppbv #	46
34) 2-Butanone	5.22	43	115416m	0.966	ppbv	
36) Benzene	6.85	78	118674	0.420	ppbv #	93
53) Toluene	9.76	91	44256m	0.132	ppbv	

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

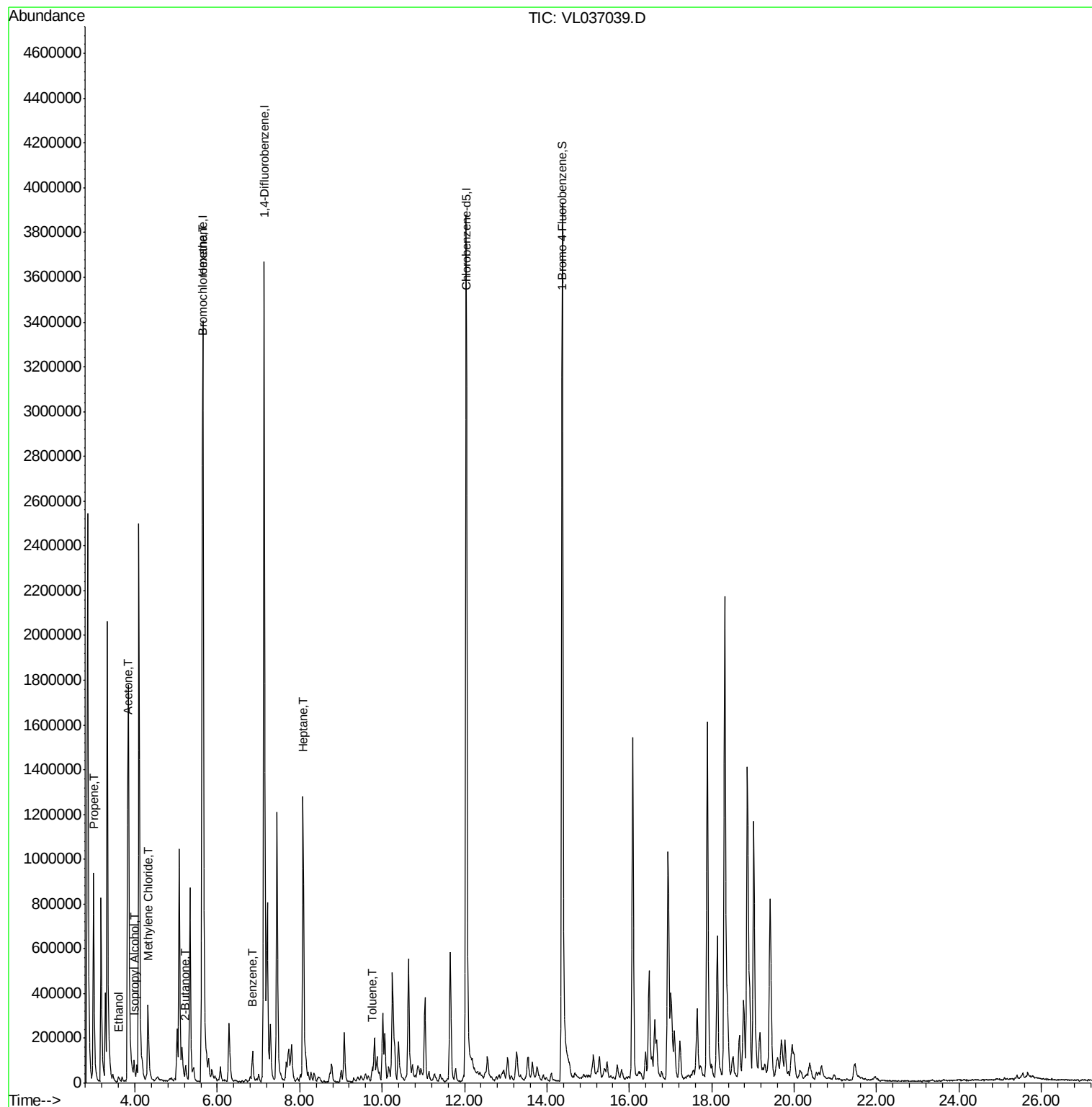
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052021\
Data File : VL037039.D
Acq On : 21 May 2021 00:49
Operator : SY/AP
Sample : M2424-08DL 40X
Misc : 400mL/MSVOA L
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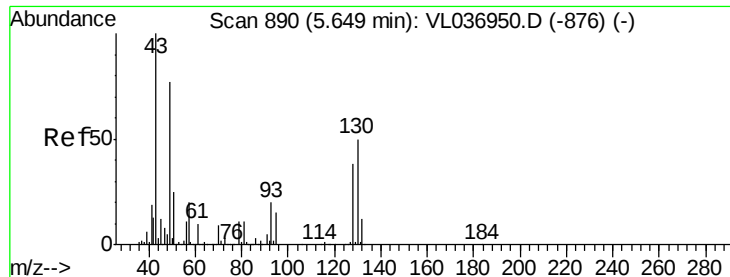
Instrument :
MSVOA_L
ClientSampleId :
KSV-11DL

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Quant Time: May 22 23:38:43 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

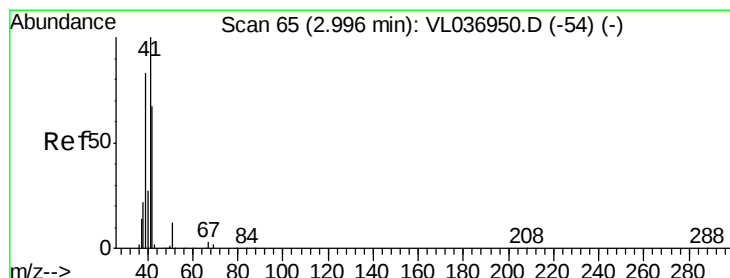
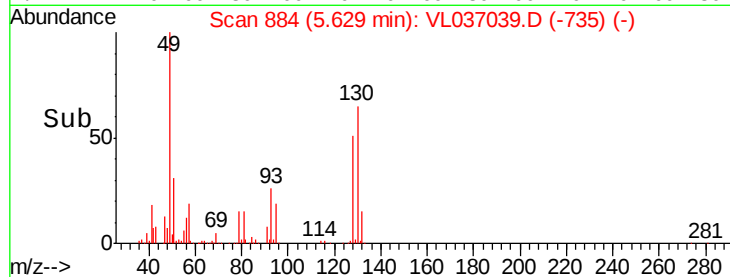
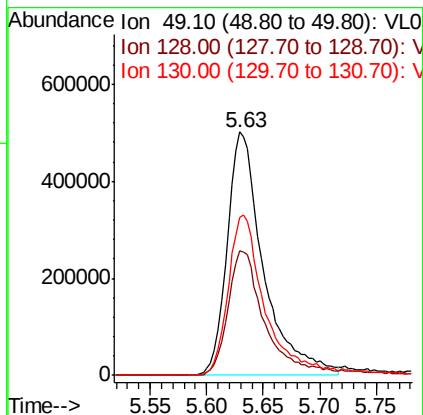
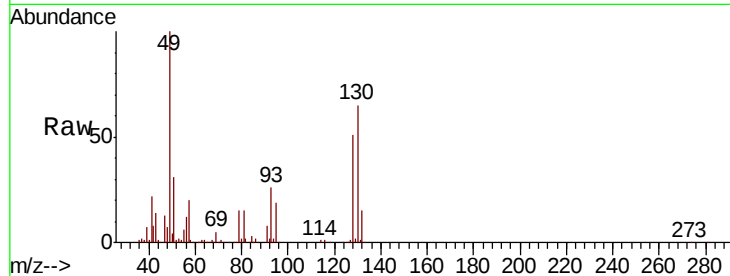
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.63 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: VL037039.D
 Acq: 21 May 2021 00:49

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-11DL

Tot Ion: 49 Resp: 1122820
 Ion Ratio Lower Upper
 49 100
 128 54.5 26.9 80.7
 130 69.9 33.8 101.4

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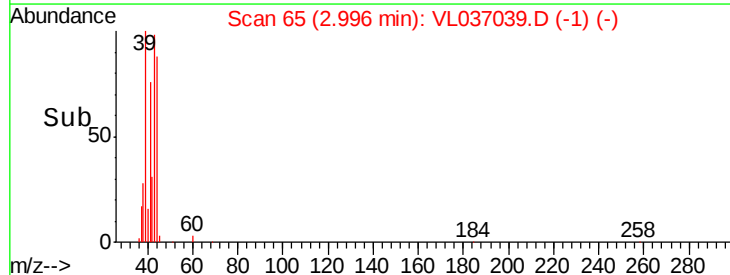
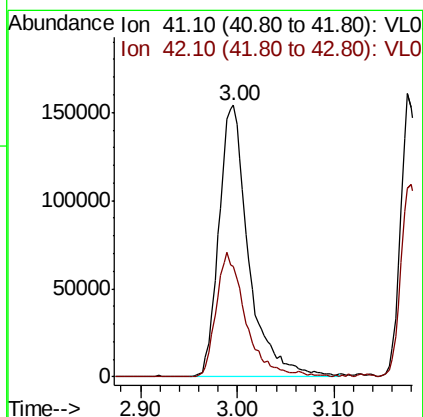
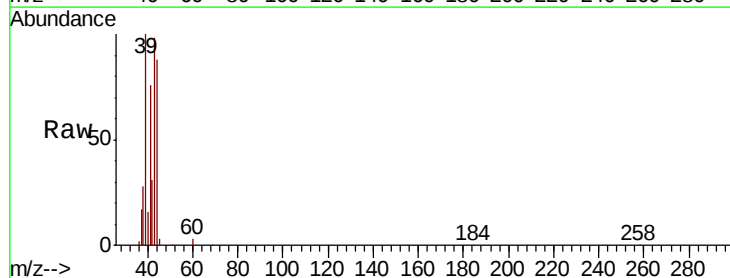
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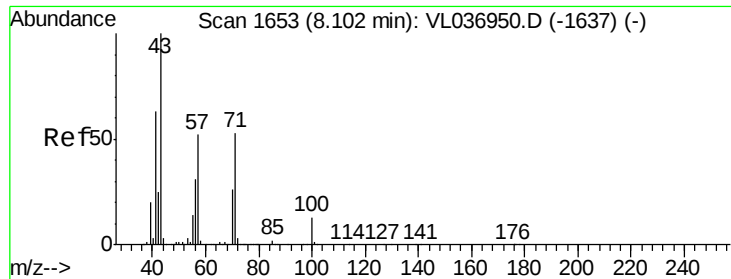


#9

Propene
 Concen: 4.479 ppbv m
 RT: 3.00 min Scan# 65
 Delta R.T. -0.00 min
 Lab File: VL037039.D
 Acq: 21 May 2021 00:49

Tgt Ion: 41 Resp: 329921
 Ion Ratio Lower Upper
 41 100
 42 60.5 53.9 80.9





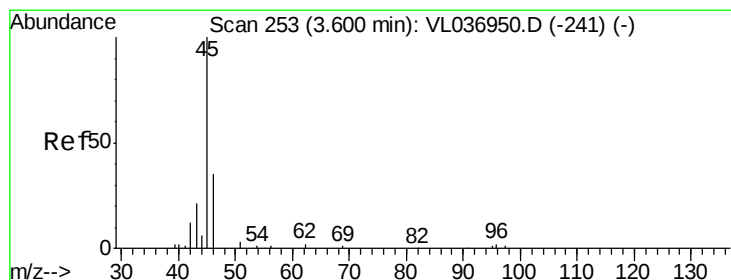
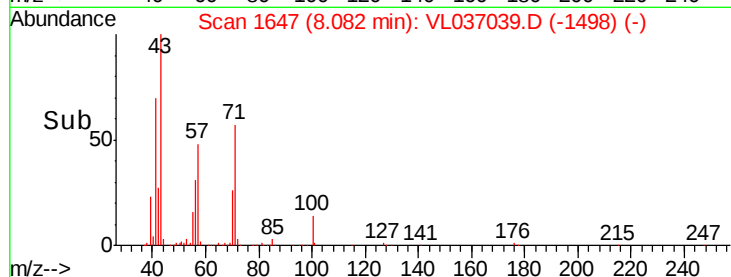
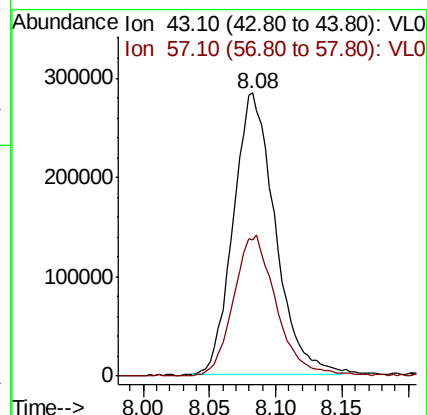
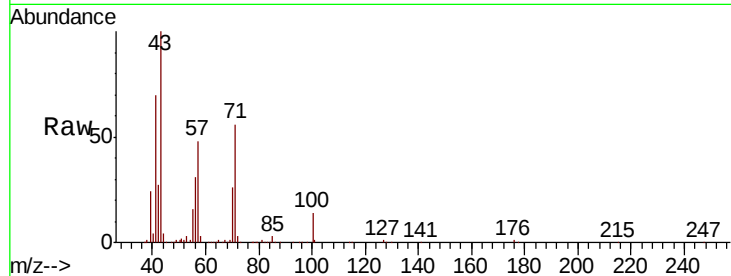
#10
Heptane
Concen: 3.412 ppbv
RT: 8.08 min Scan# 1647
Delta R.T. -0.02 min
Lab File: VL037039.D
Acq: 21 May 2021 00:49

Instrument :
MSVOA_L
ClientSampleId :
KSV-11DL

Tot Ion: 43 Resp: 626326
Ion Ratio Lower Upper
43 100
57 52.2 41.0 61.6

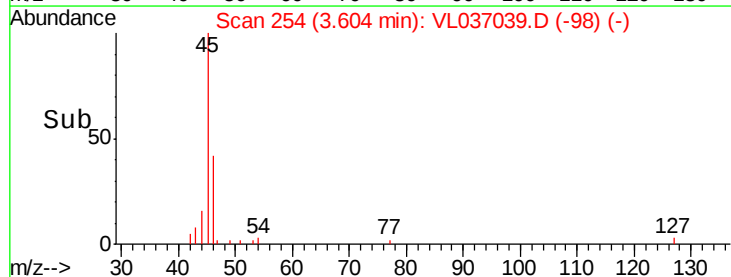
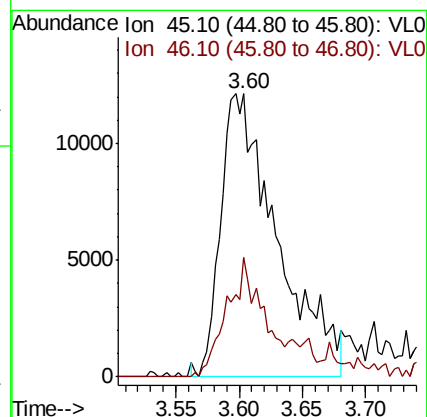
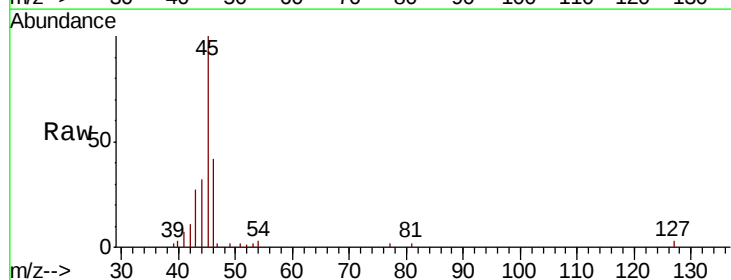
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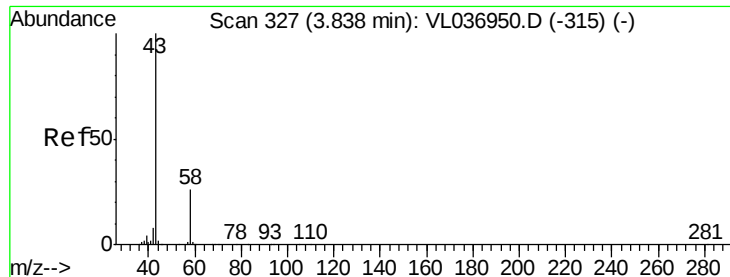
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#13
Ethanol
Concen: 3.820 ppbv m
RT: 3.60 min Scan# 254
Delta R.T. 0.00 min
Lab File: VL037039.D
Acq: 21 May 2021 00:49

Tgt Ion: 45 Resp: 37546
Ion Ratio Lower Upper
45 100
46 0.0 16.3 65.3#





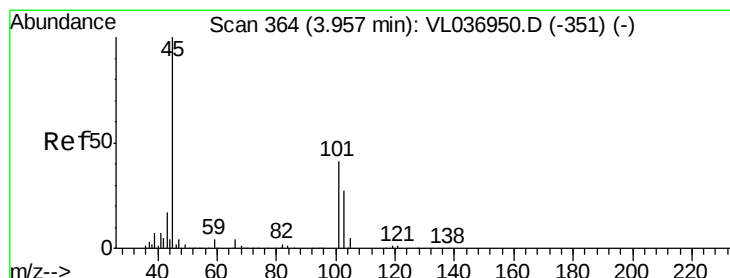
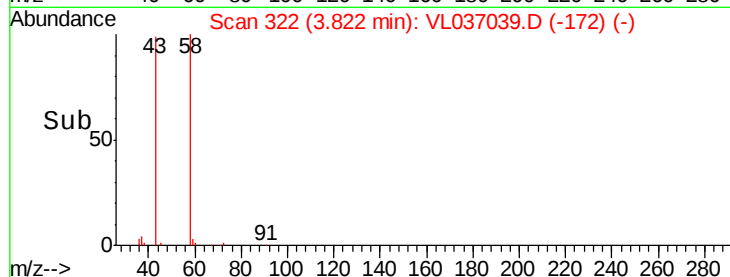
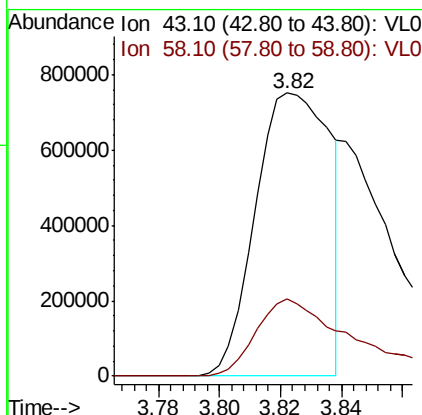
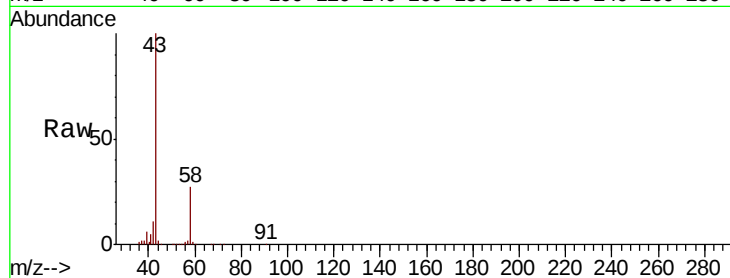
#15
Acetone
Concen: 11.184 ppbv m
RT: 3.82 min Scan# 322
Delta R.T. -0.02 min
Lab File: VL037039.D
Acq: 21 May 2021 00:49

Instrument :
MSVOA_L
ClientSampleId :
KSV-11DL

Tot Ion: 43 Resp: 1286207
Ion Ratio Lower Upper
43 100
58 41.1 24.0 36.0#

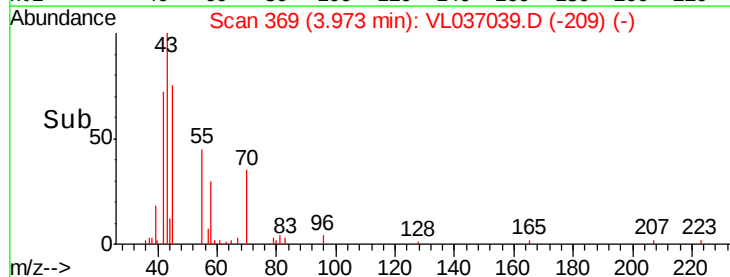
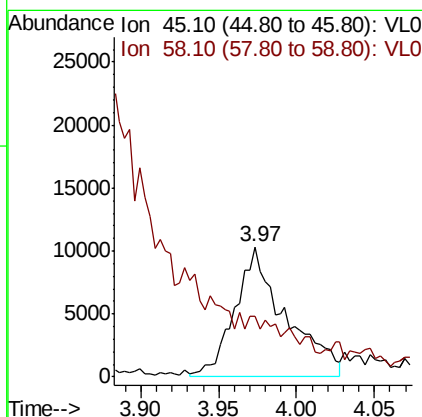
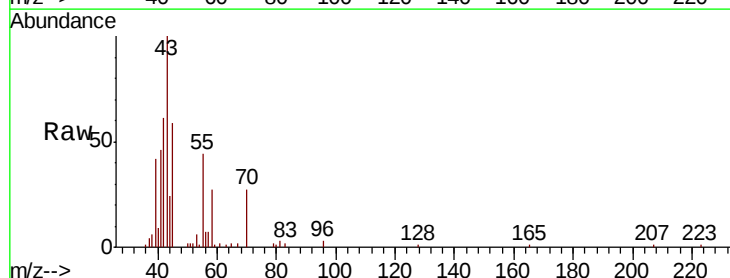
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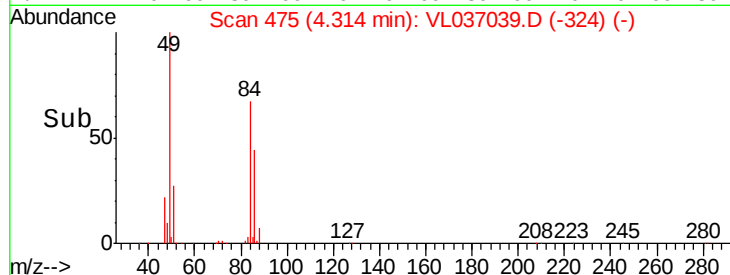
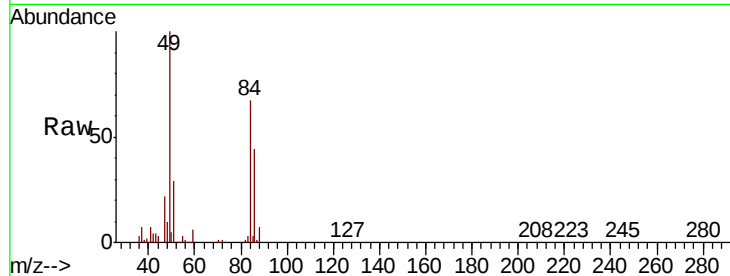
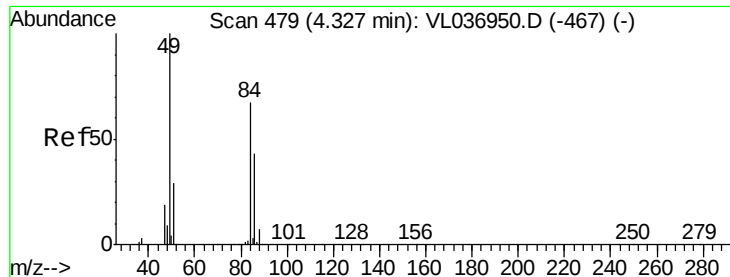
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#19
Isopropyl Alcohol
Concen: 0.379 ppbv m
RT: 3.97 min Scan# 369
Delta R.T. 0.02 min
Lab File: VL037039.D
Acq: 21 May 2021 00:49

Tgt Ion: 45 Resp: 23407
Ion Ratio Lower Upper
45 100
58 0.0 37.2 55.8#





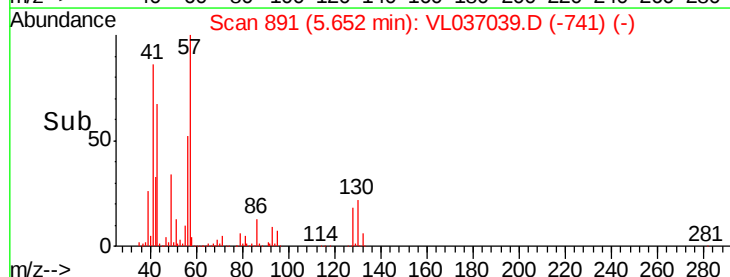
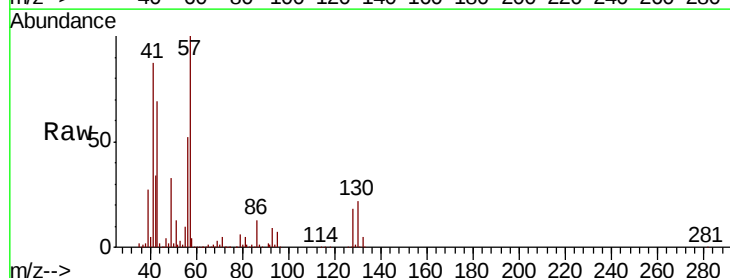
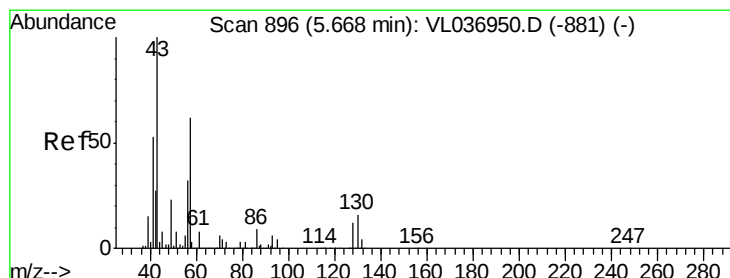
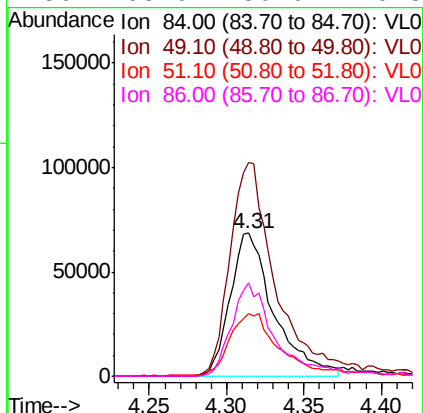
#20
Methvlene Chloride
Concen: 2.177 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.01 min
Lab File: VL037039.D
Acq: 21 May 2021 00:49

Tot Ion	84	Resp	134203
Ion Ratio	Lower	Upper	
84	100		
49	148.9	119.8	179.6
51	42.8	35.1	52.7
86	65.9	50.9	76.3

Instrument :
MSVOA_L
ClientSampleId :
KSV-11DL

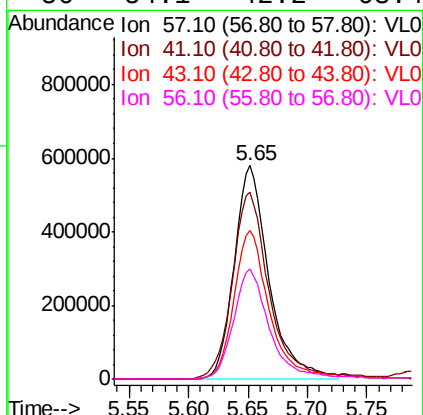
Manual Integrations
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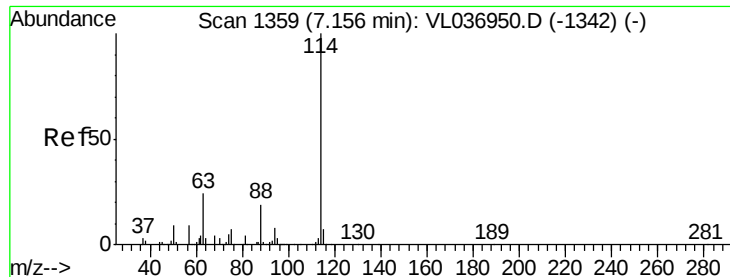
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#26
Hexane
Concen: 8.317 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL037039.D
Acq: 21 May 2021 00:49

Tgt Ion	57	Resp	1174139
Ion Ratio	Lower	Upper	
57	100		
41	93.6	70.5	105.7
43	71.6	165.8	248.8#
56	54.1	42.2	63.4





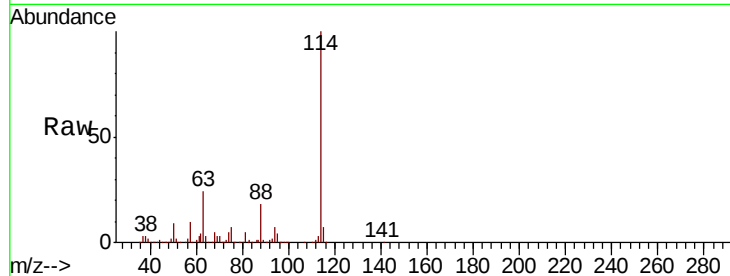
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: VL037039.D
 Acq: 21 May 2021 00:49

Instrument :
 MSVOA_L
 ClientSampleID :
 KSV-11DL

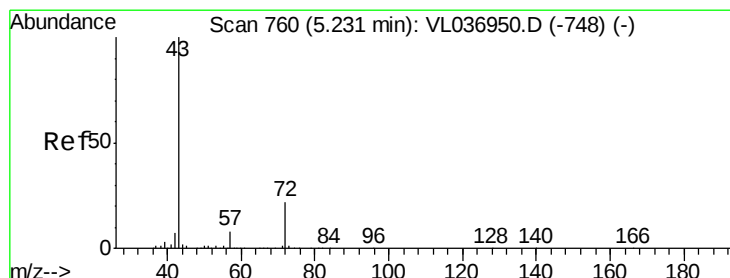
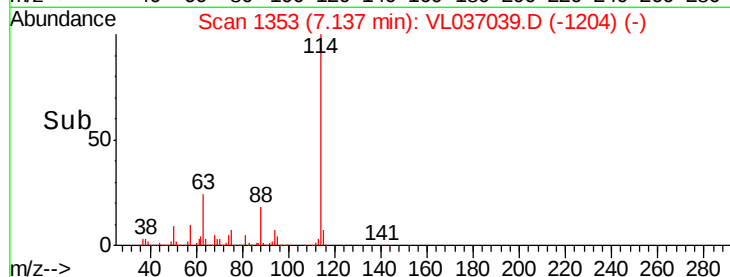
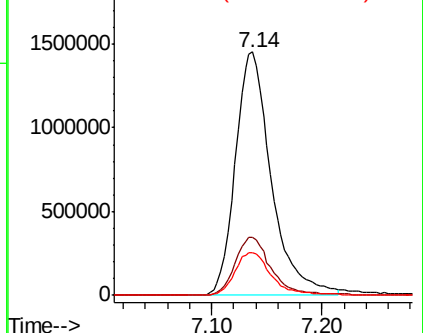
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.6	29.4
88	18.4	14.6	21.8

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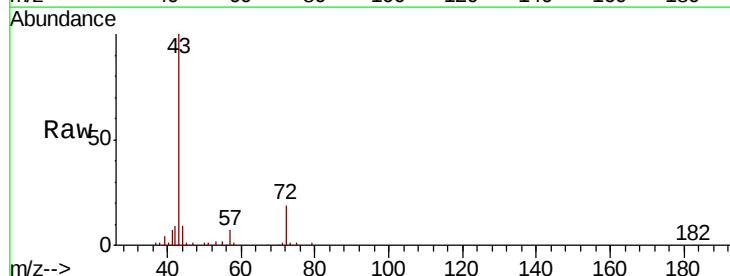


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

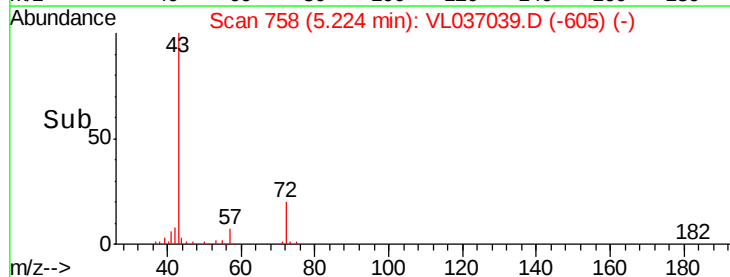
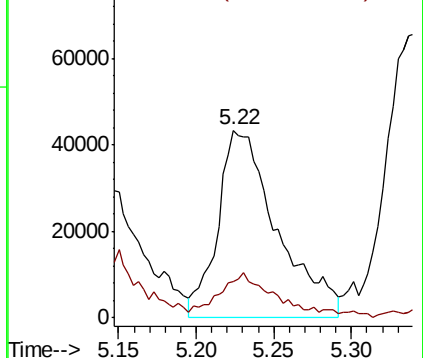


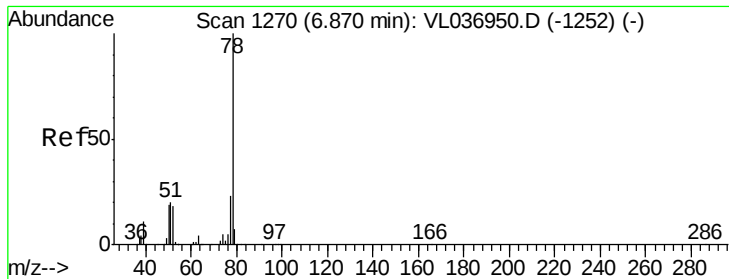
#34
 2-Butanone
 Concen: 0.966 ppbv m
 RT: 5.22 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VL037039.D
 Acq: 21 May 2021 00:49

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.8	19.0	28.4



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 0.420 ppbv

RT: 6.85 min Scan# 1263

Delta R.T. -0.02 min

Lab File: VL037039.D

Acq: 21 May 2021 00:49

Instrument :

MSVOA_L

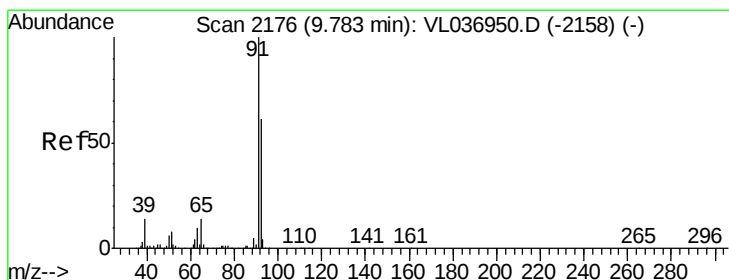
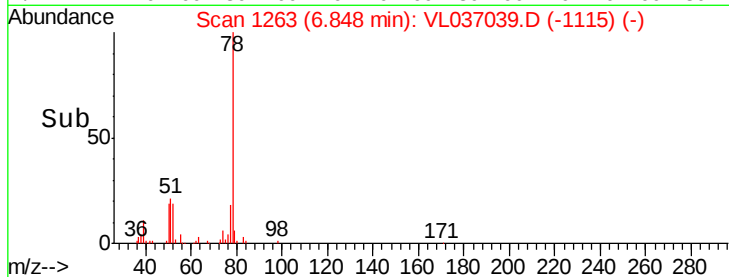
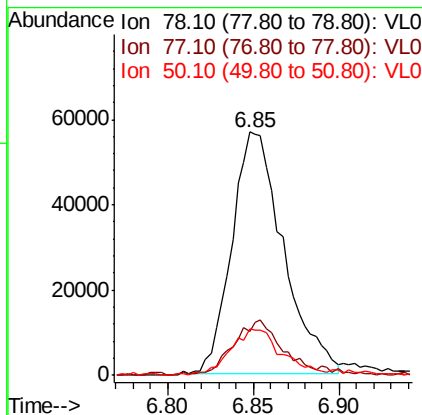
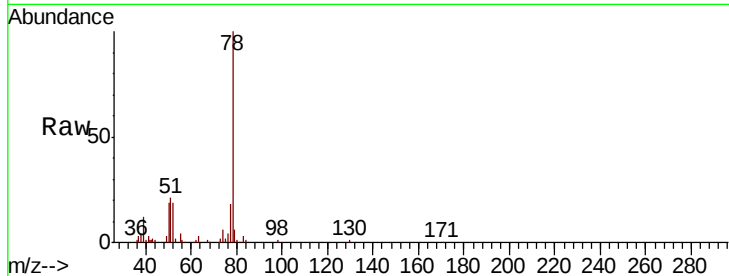
ClientSampleId :

KSV-11DL

Tot Ion:	78	Resp:	118674
Ion Ratio	Lower	Upper	
78	100		
77	17.4	18.6	28.0#
50	18.7	15.0	22.4

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#53

Toluene

Concen: 0.132 ppbv m

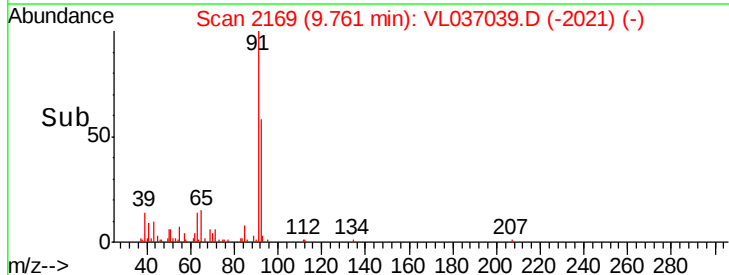
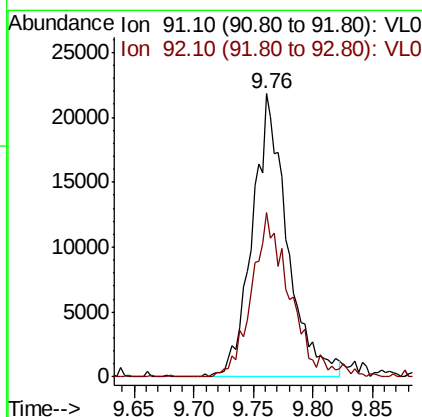
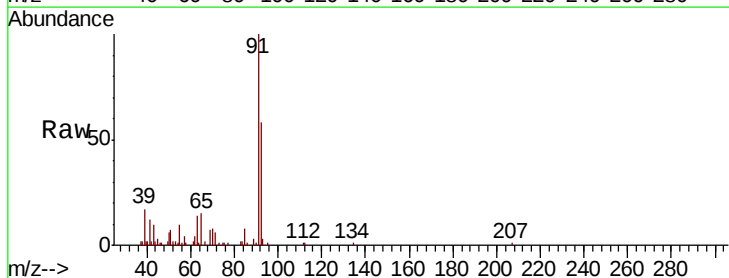
RT: 9.76 min Scan# 2169

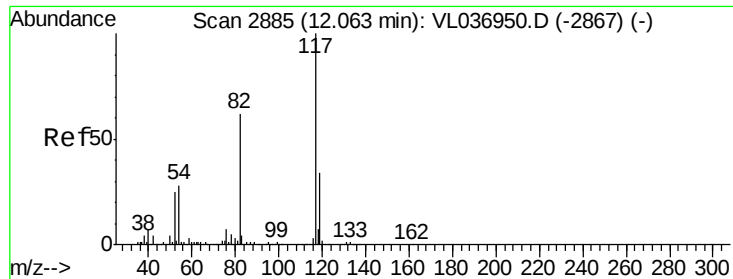
Delta R.T. -0.02 min

Lab File: VL037039.D

Acq: 21 May 2021 00:49

Tgt Ion:	91	Resp:	44256
Ion Ratio	Lower	Upper	
91	100		
92	0.0	49.5	74.3#





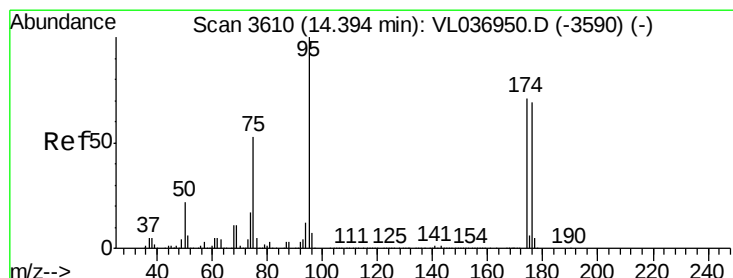
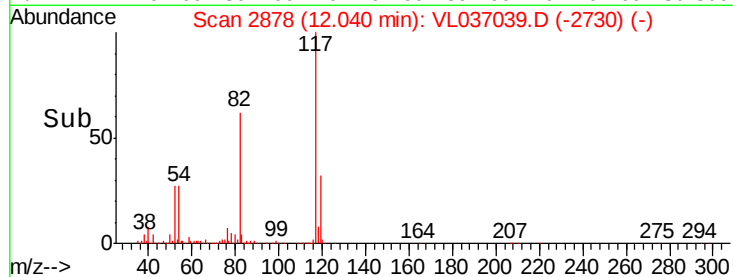
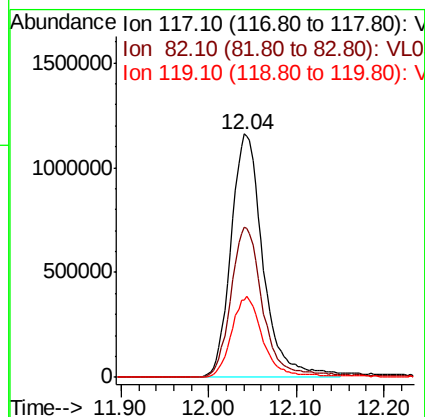
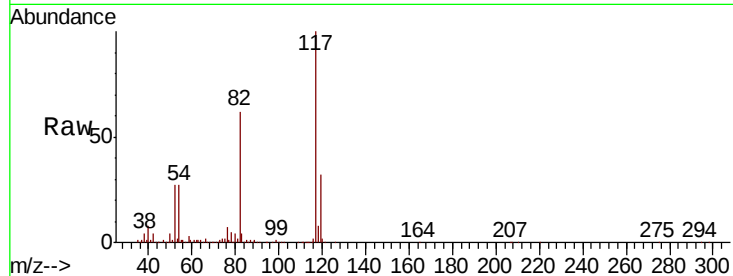
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min Scan# 2878
Delta R.T. -0.02 min
Lab File: VL037039.D
Acq: 21 May 2021 00:49

Instrument :
MSVOA_L
ClientSampleId :
KSV-11DL

Tot Ion:117 Resp: 2957896
Ion Ratio Lower Upper
117 100
82 63.3 52.6 79.0
119 33.8 46.6 70.0#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.447 ppbv
RT: 14.37 min Scan# 3603
Delta R.T. -0.02 min
Lab File: VL037039.D
Acq: 21 May 2021 00:49

Tgt Ion: 95 Resp: 2099049
Ion Ratio Lower Upper
95 100
174 77.0 58.4 87.6
175 5.8 4.4 6.6

