

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL037016.D
 Acq On : 20 May 2021 6:52
 Operator : SY/AP
 Sample : M2424-12DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-10DL

Manual Integrations
 APPROVED

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Quant Time: May 22 23:22:01 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	5.64	49	949490	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	2863248	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	2589564	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1978701	10.17	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	21804m	0.350	ppbv	
15) Acetone	3.83	43	1084614	11.152	ppbv	99
34) 2-Butanone	5.24	43	72460m	0.695	ppbv	

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

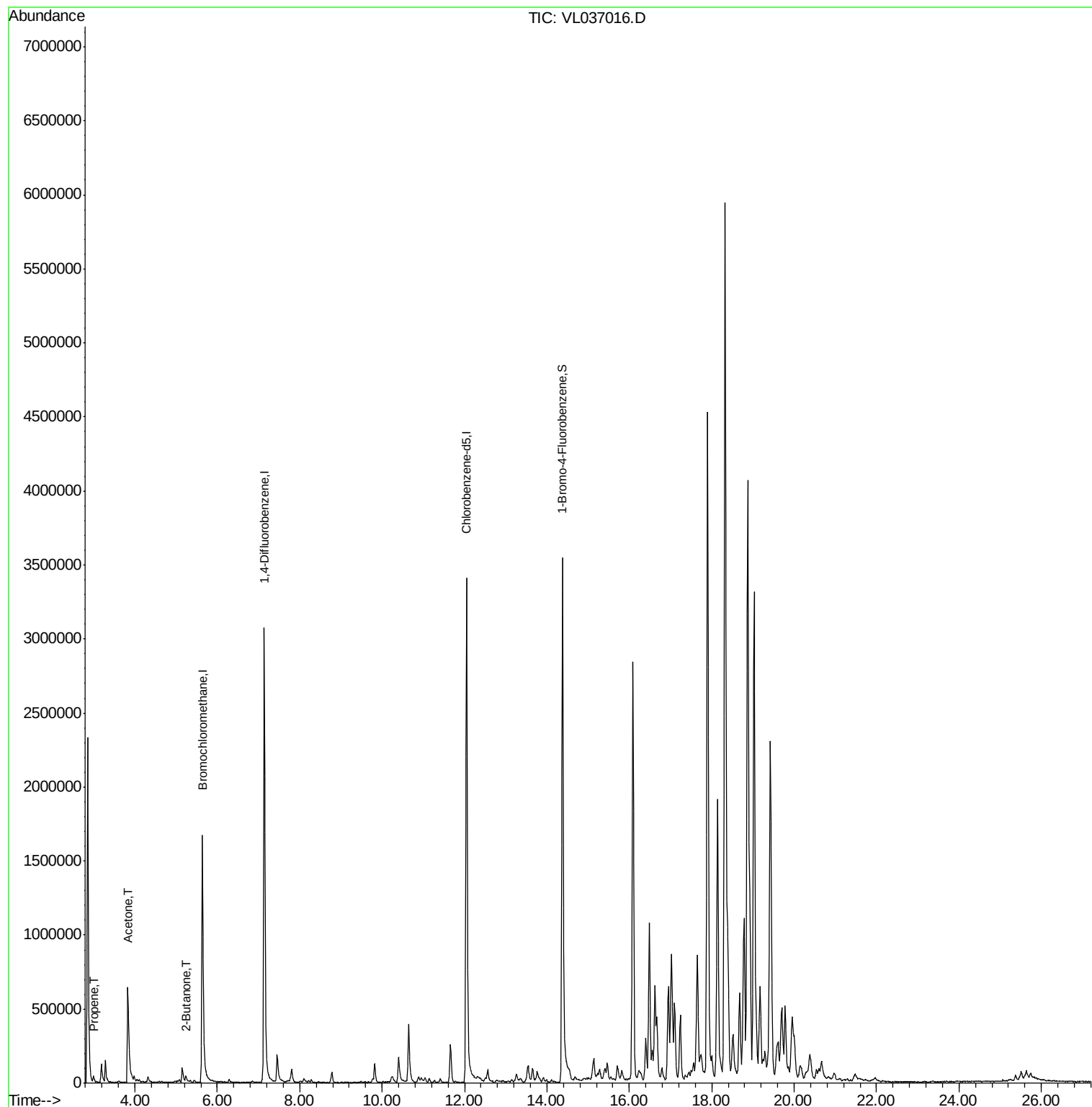
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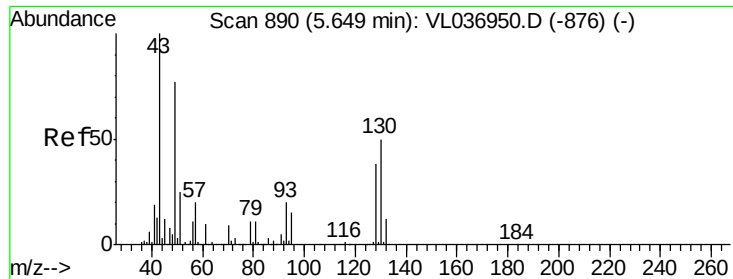
Instrument :
MSVOA_L
ClientSampleId :
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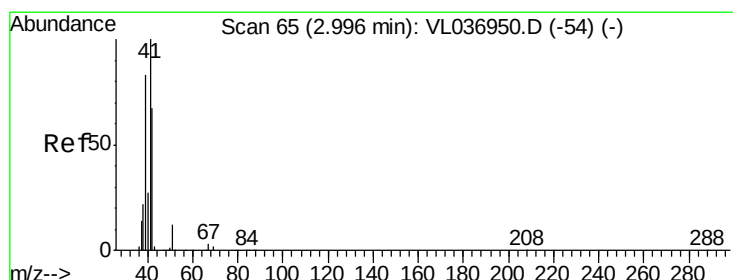
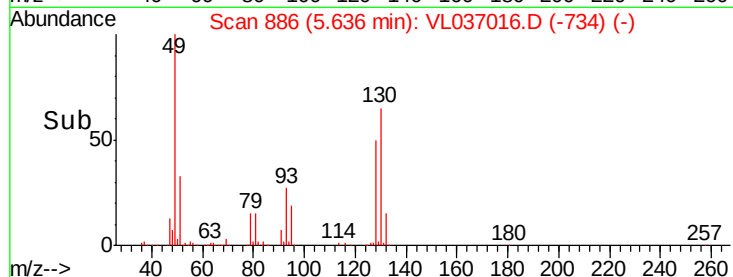
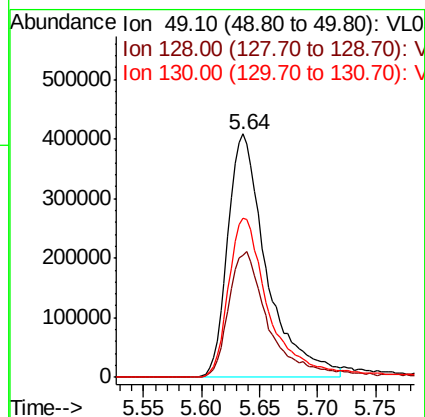
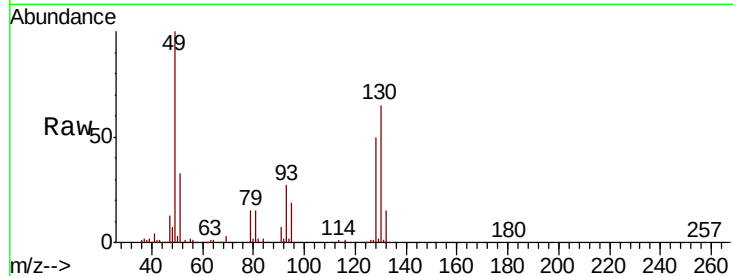
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: VL037016.D
 Acq: 20 May 2021 6:52

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-10DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	55.3	26.9	80.7
130	70.3	33.8	101.4

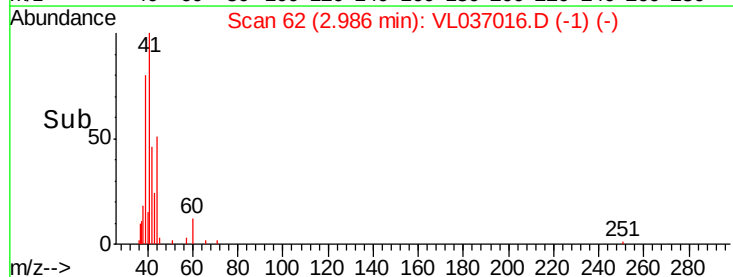
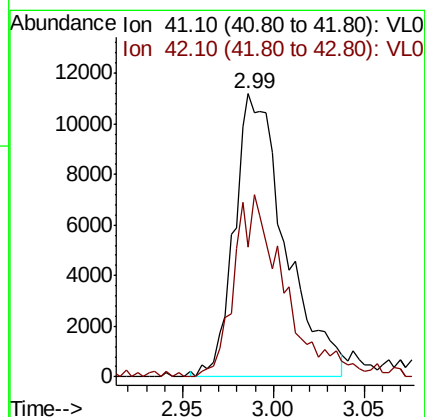
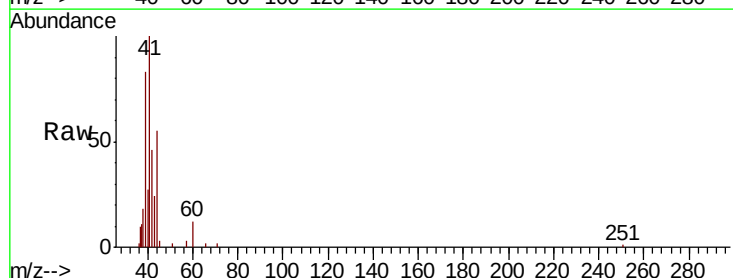
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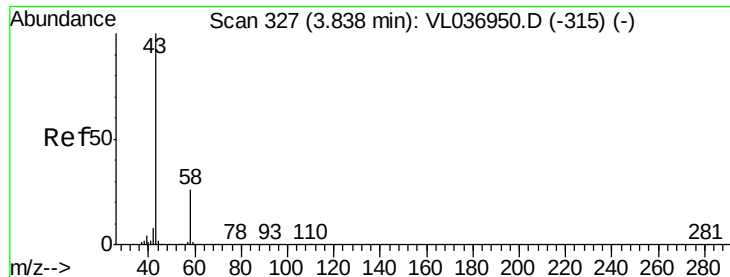
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#9
 Propene
 Concen: 0.350 ppbv m
 RT: 2.99 min Scan# 62
 Delta R.T. -0.01 min
 Lab File: VL037016.D
 Acq: 20 May 2021 6:52

Tgt Ion	Ratio	Lower	Upper
41	100		
42	63.9	53.9	80.9





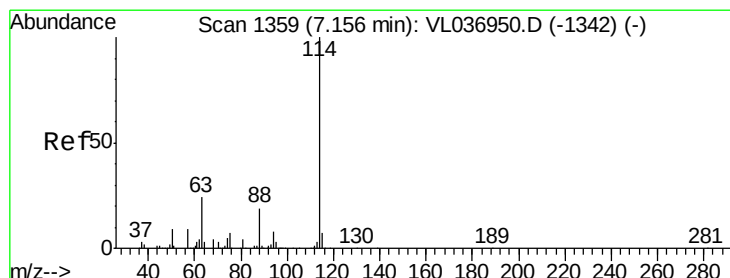
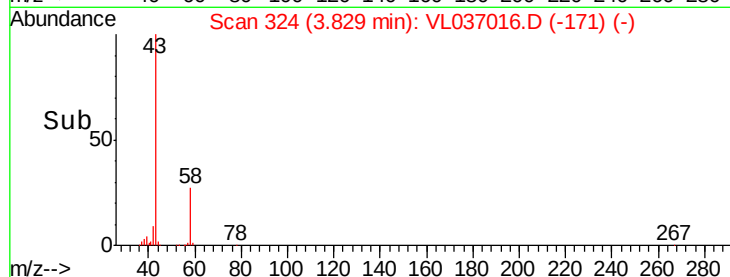
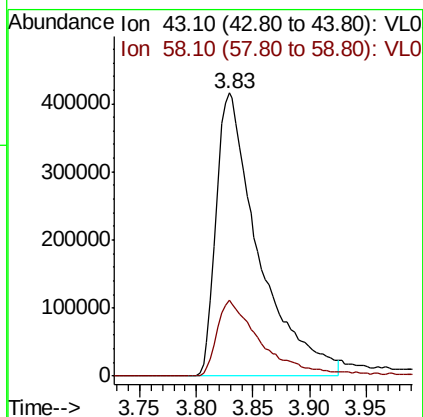
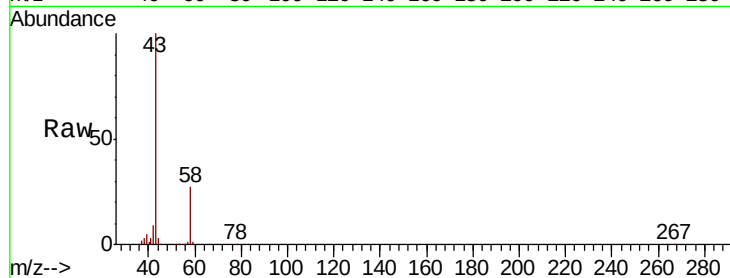
#15
Acetone
Concen: 11.152 ppbv
RT: 3.83 min Scan# 324
Delta R.T. -0.01 min
Lab File: VL037016.D
Acq: 20 May 2021 6:52

Instrument :
MSVOA_L
ClientSampleId :
KSV-10DL

Tot Ion: 43 Resp: 1084614
Ion Ratio Lower Upper
43 100
58 29.6 24.0 36.0

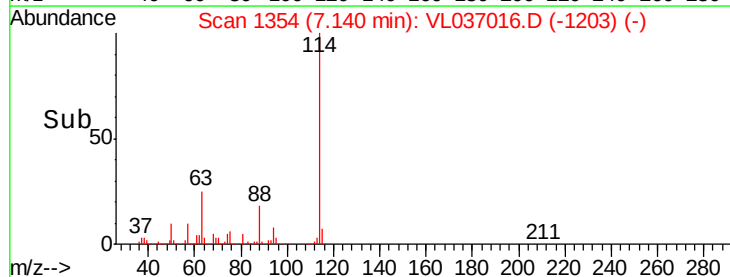
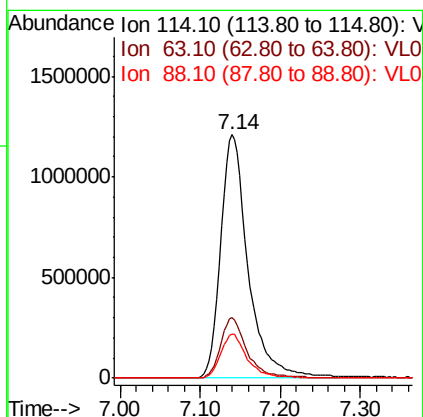
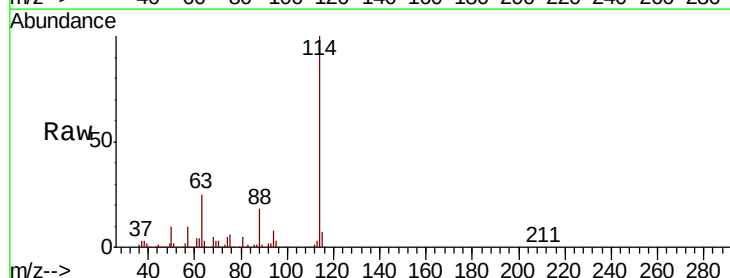
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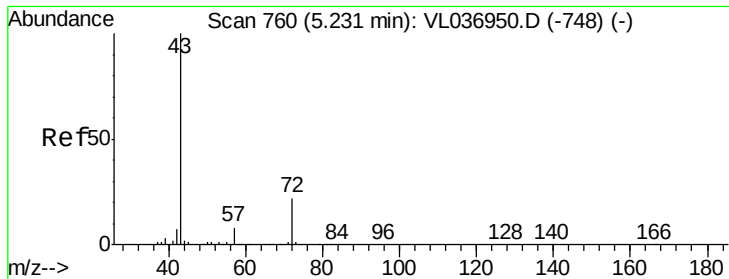
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.02 min
Lab File: VL037016.D
Acq: 20 May 2021 6:52

Tgt Ion: 114 Resp: 2863248
Ion Ratio Lower Upper
114 100
63 24.4 19.6 29.4
88 17.7 14.6 21.8





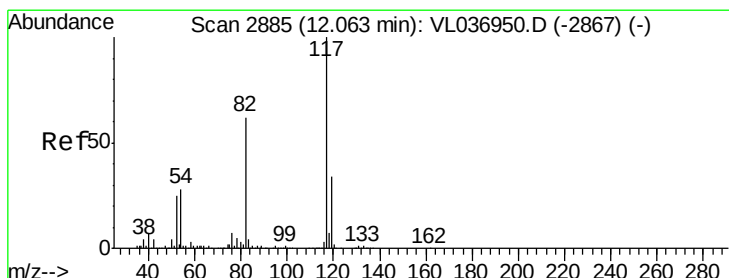
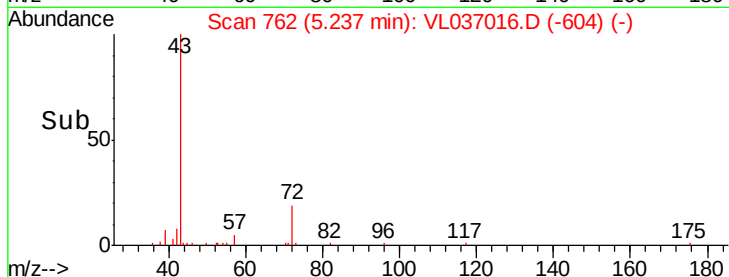
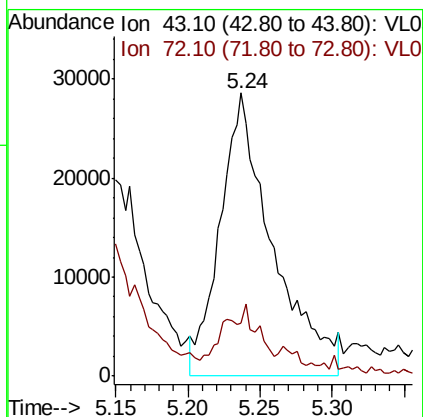
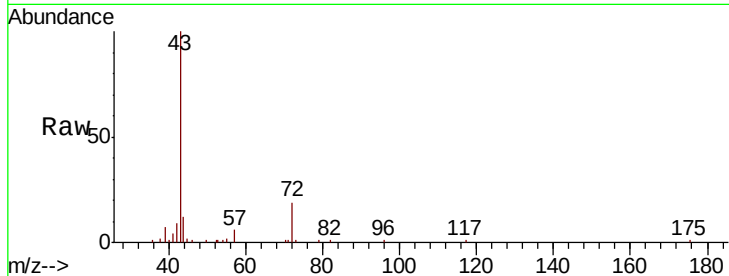
#34
2-Butanone
Concen: 0.695 ppbv m
RT: 5.24 min Scan# 762
Delta R.T. 0.01 min
Lab File: VL037016.D
Acq: 20 May 2021 6:52

Instrument :
MSVOA_L
ClientSampleId :
KSV-10DL

Tot Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.0	28.4#

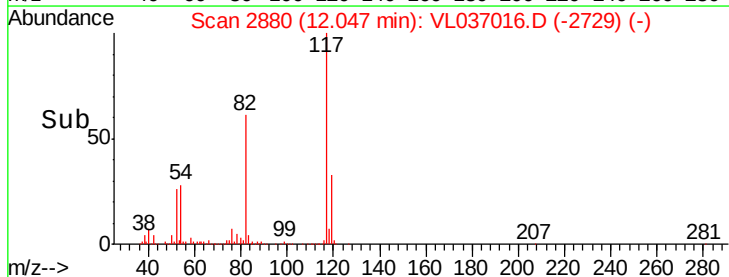
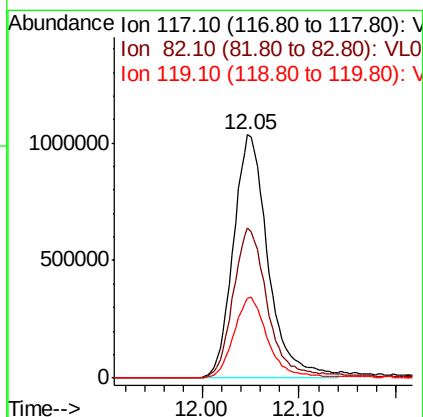
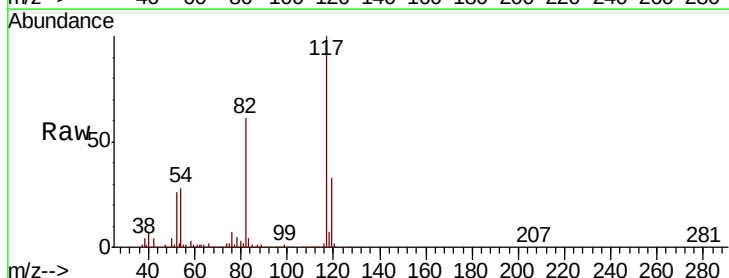
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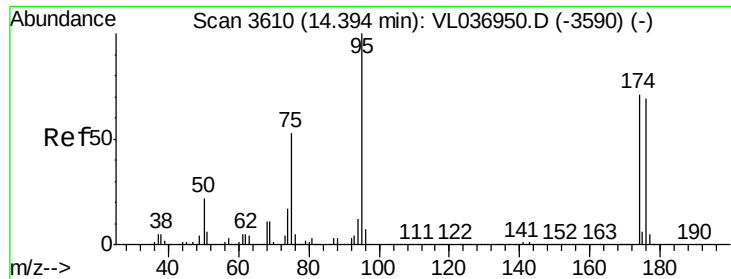
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2880
Delta R.T. -0.02 min
Lab File: VL037016.D
Acq: 20 May 2021 6:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.8	52.6	79.0
119	33.2	46.6	70.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.172 ppbv
 RT: 14.38 min Scan# 3605
 Delta R.T. -0.02 min
 Lab File: VL037016.D
 Acq: 20 May 2021 6:52

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-10DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	74.7	58.4	87.6
175	5.5	4.4	6.6

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