

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101118\
 Data File : VL032616.D
 Acq On : 11 Oct 2018 22:47
 Operator : SY/AP
 Sample : J5370-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 Q2-SVI-100518DL

Manual Integrations
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 10/12/2018 2:07:40 PM

Quant Time: Oct 12 03:18:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 01 06:49:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1458247	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3251531	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3399400	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2473296	9.65	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	831130	15.796	ppbv	93
13) Ethanol	3.67	45	56567	3.577	ppbv	91
15) Acetone	3.91	43	4286664	33.489	ppbv	94
17) tert-Butyl alcohol	4.38	59	79731m	4.957	ppbv	
20) Methylene Chloride	4.44	84	21261m	0.343	ppbv	
26) Hexane	5.80	57	31034	0.221	ppbv #	1
27) Carbon Disulfide	4.64	76	50654	0.336	ppbv #	94
34) 2-Butanone	5.35	43	1906133	9.844	ppbv	98
36) Benzene	7.03	78	399134	1.519	ppbv	95
51) 2-Hexanone	10.31	43	272253	1.082	ppbv #	98

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

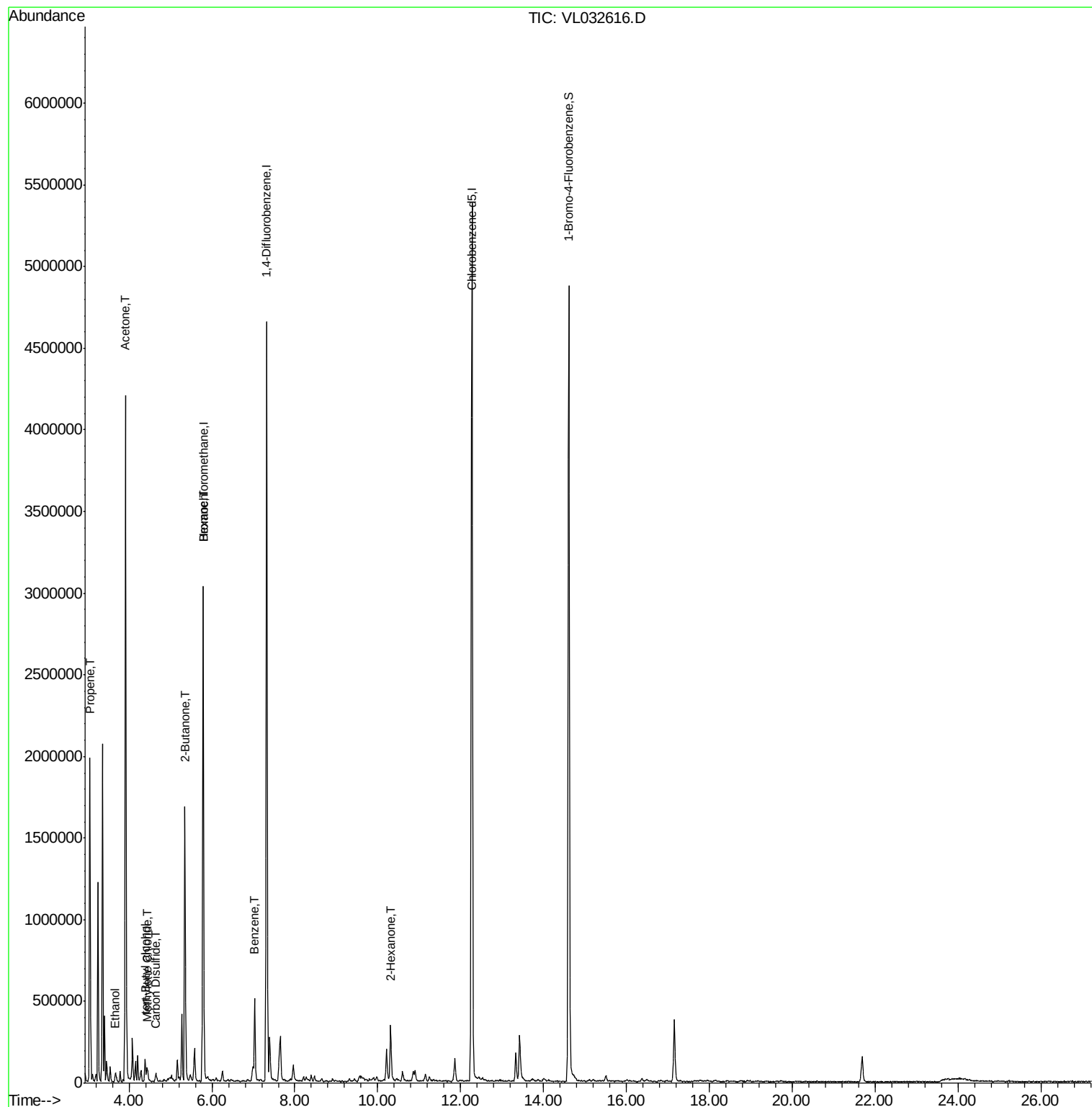
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101118\
Data File : VL032616.D
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Misc : 400ml/MSVOA L
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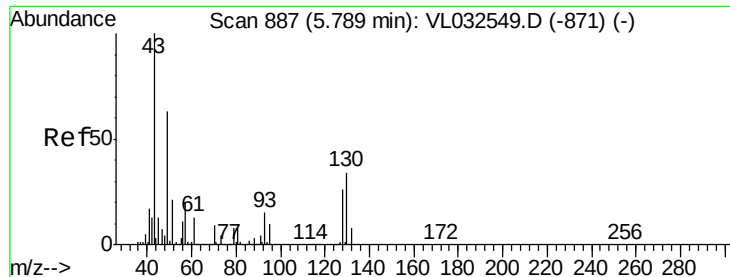
Instrument :
MSVOA_L
ClientSampleId :
Q2-SVI-100518DL

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Quant Time: Oct 12 03:18:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL032616.D

Acq: 11 Oct 2018 22:47

Instrument :

MSVOA_L

ClientSampleId :

Q2-SVI-100518DL

Tot Ion: 49 Resp: 1458247

Ion Ratio Lower Upper

49 100

128 44.0 20.7 62.1

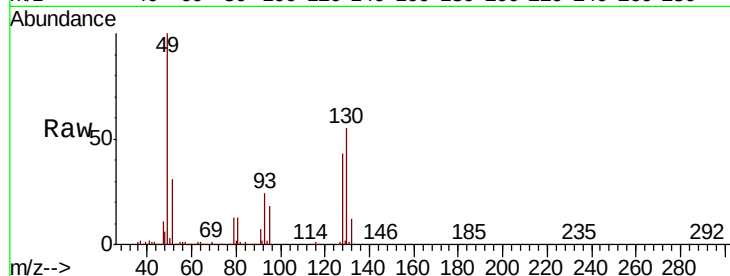
130 56.0 26.6 79.7

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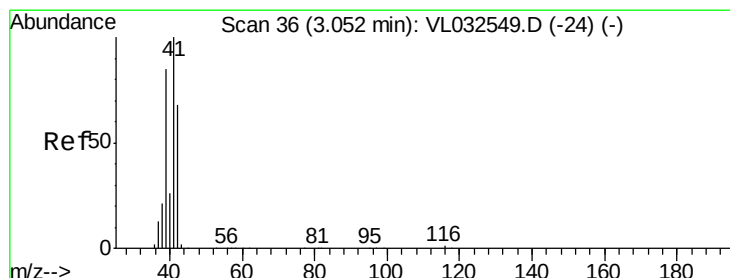
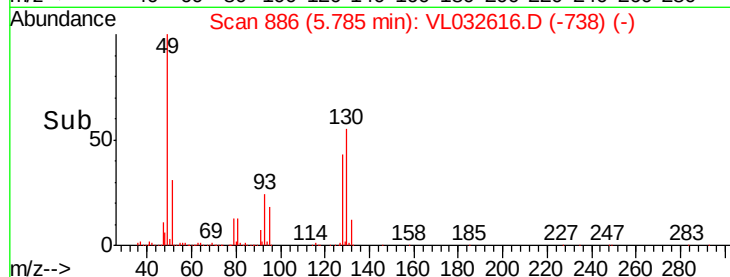
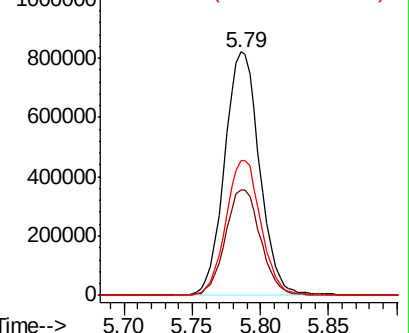
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 15.796 ppbv

RT: 3.05 min Scan# 35

Delta R.T. -0.02 min

Lab File: VL032616.D

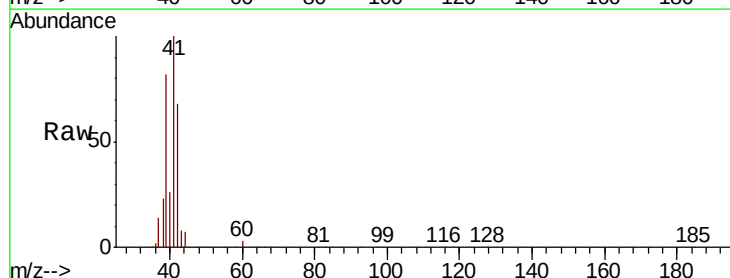
Acq: 11 Oct 2018 22:47

Tgt Ion: 41 Resp: 831130

Ion Ratio Lower Upper

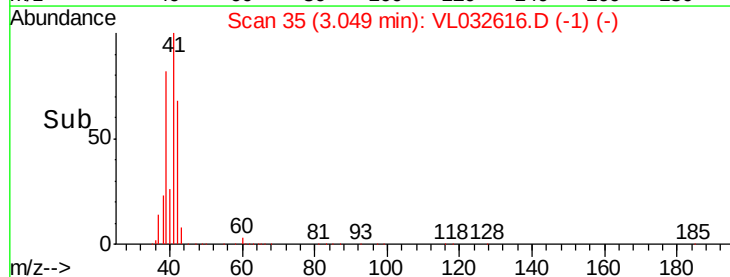
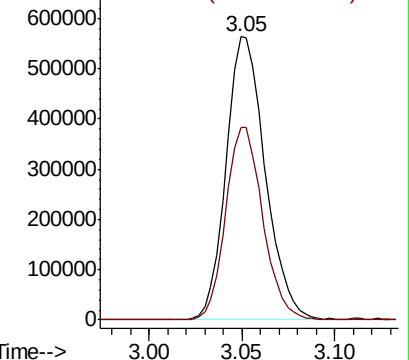
41 100

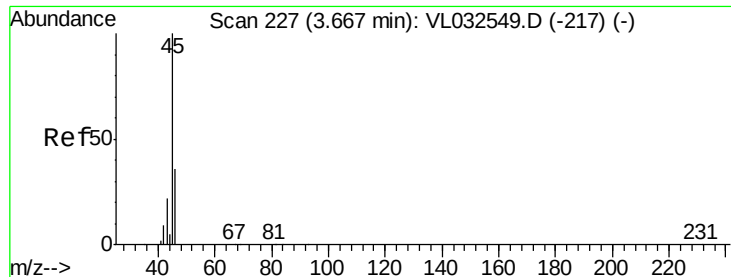
42 64.7 56.6 84.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





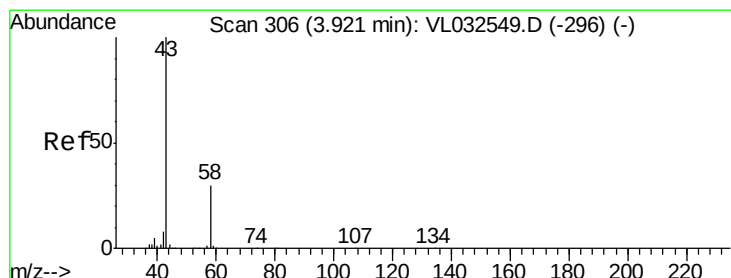
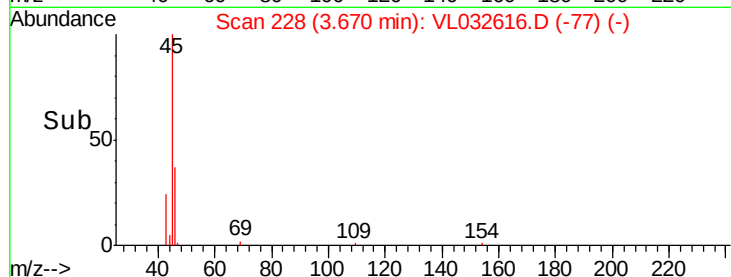
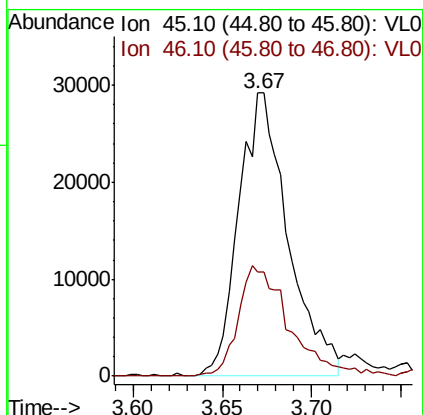
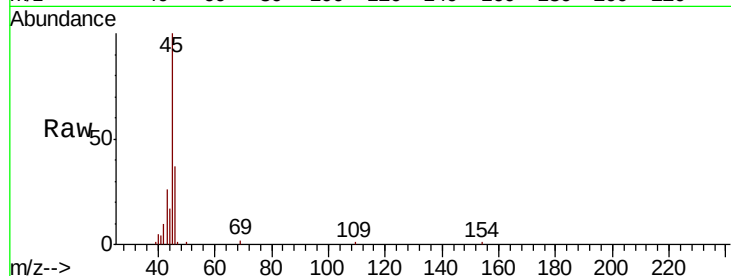
#13
Ethanol
Concen: 3.577 ppbv
RT: 3.67 min Scan# 228
Delta R.T. -0.01 min
Lab File: VL032616.D
Acq: 11 Oct 2018 22:47

Instrument :
MSVOA_L
ClientSampleId :
Q2-SVI-100518DL

Tot Ion	45	46	Ratio	Lower	Upper
45	100				
46	40.8		14.2	56.8	

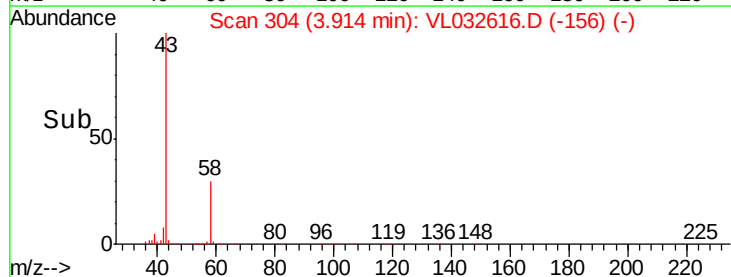
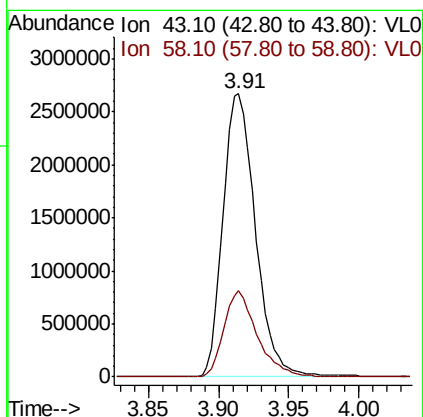
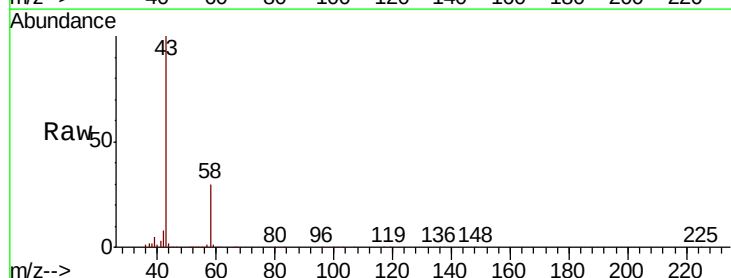
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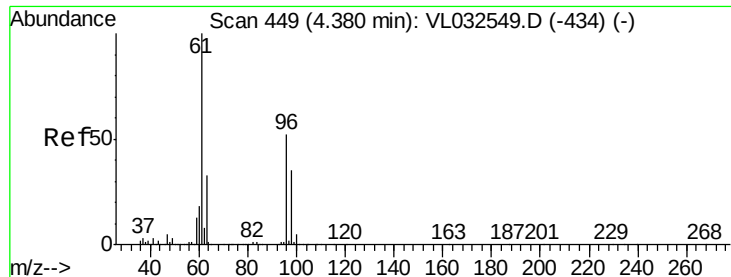
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#15
Acetone
Concen: 33.489 ppbv
RT: 3.91 min Scan# 304
Delta R.T. -0.02 min
Lab File: VL032616.D
Acq: 11 Oct 2018 22:47

Tgt Ion	43	58	Ratio	Lower	Upper
43	100				
58	31.5		22.6	33.8	





#17

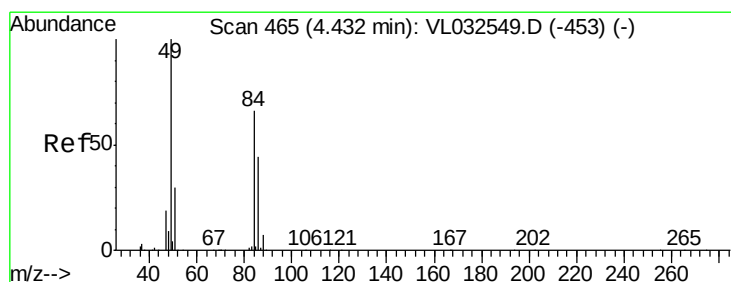
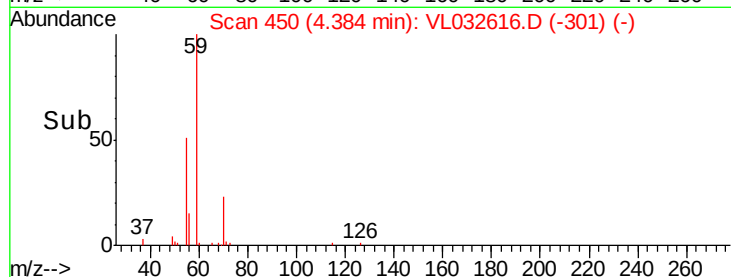
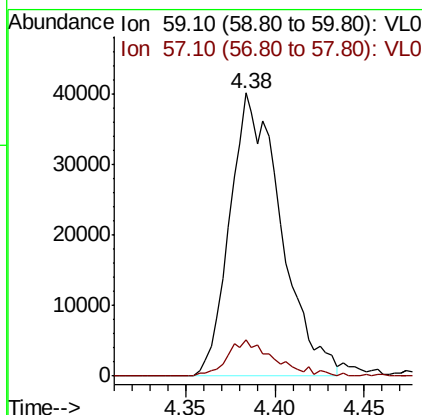
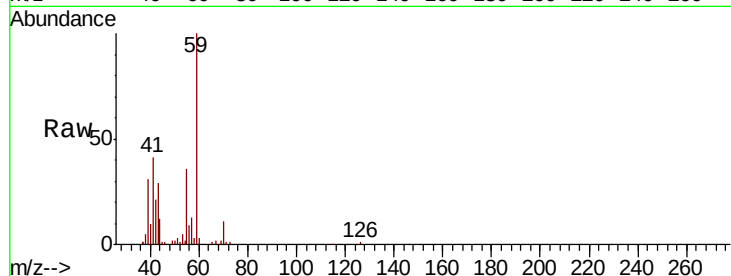
tert-Butyl alcohol
Concen: 4.957 ppbv m
RT: 4.38 min Scan# 450
Delta R.T. -0.02 min
Lab File: VL032616.D
Acq: 11 Oct 2018 22:47

Instrument :
MSVOA_L
ClientSampleId :
Q2-SVI-100518DL

Tot Ion: 59 Resp: 79731
Ion Ratio Lower Upper
59 100
57 12.0 0.0 0.0#

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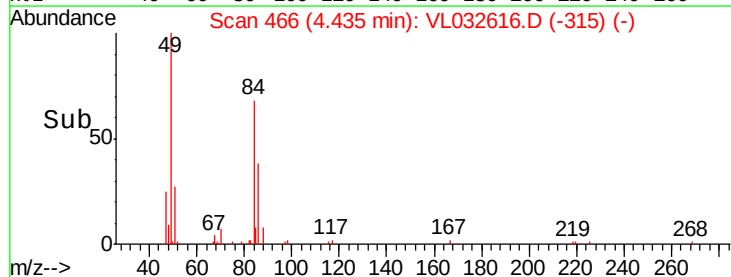
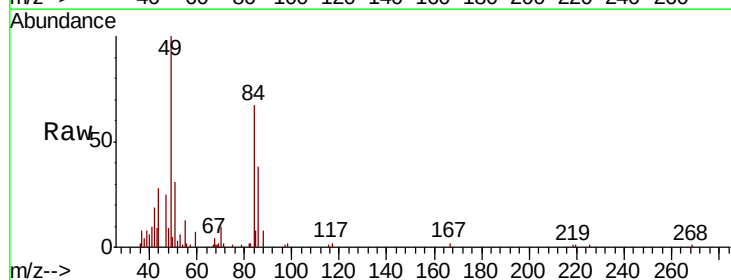
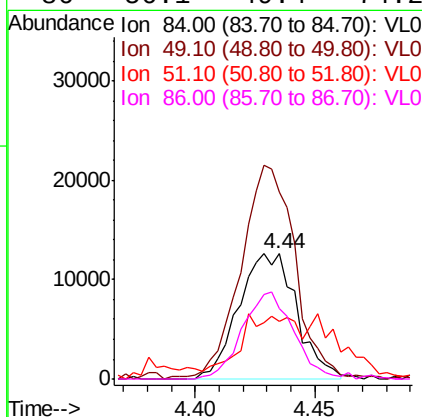
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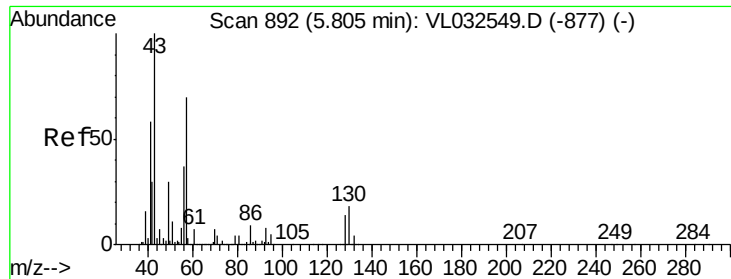


#20

Methylene Chloride
Concen: 0.343 ppbv m
RT: 4.44 min Scan# 466
Delta R.T. -0.01 min
Lab File: VL032616.D
Acq: 11 Oct 2018 22:47

Tgt Ion: 84 Resp: 21261
Ion Ratio Lower Upper
84 100
49 149.4 119.1 178.7
51 46.6 35.2 52.8
86 56.1 49.4 74.2





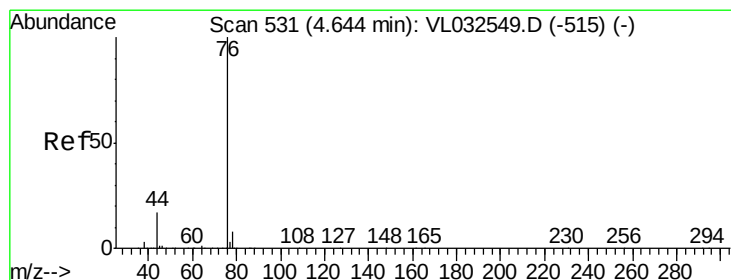
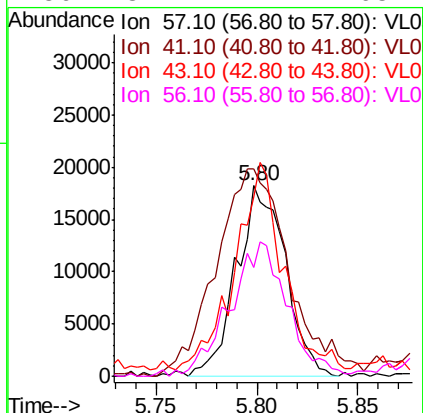
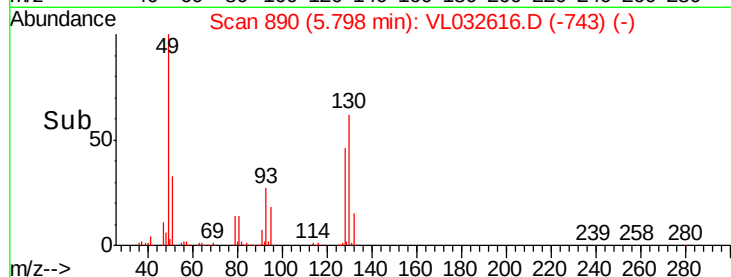
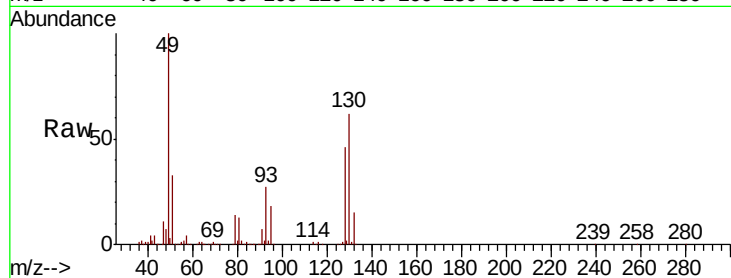
#26
Hexane
Concen: 0.221 ppbv
RT: 5.80 min Scan# 890
Delta R.T. -0.03 min
Lab File: VL032616.D
Acq: 11 Oct 2018 22:47

Instrument :
MSVOA_L
ClientSampleId :
Q2-SVI-100518DL

Tot Ion	57	Resp	31034
Ion	Ratio	Lower	Upper
57	100		
41	154.6	69.0	103.4#
43	0.0	172.1	258.1#
56	82.2	42.2	63.2#

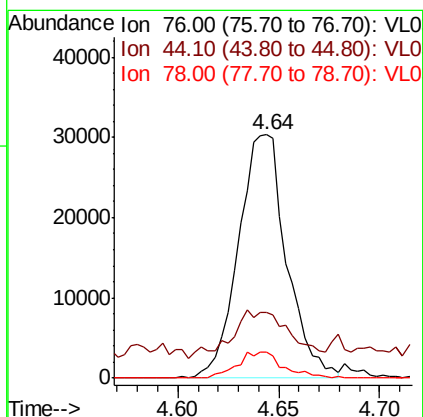
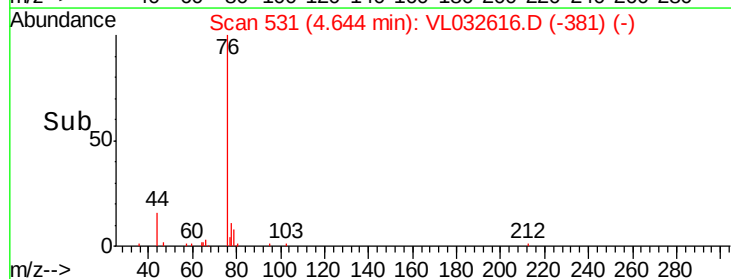
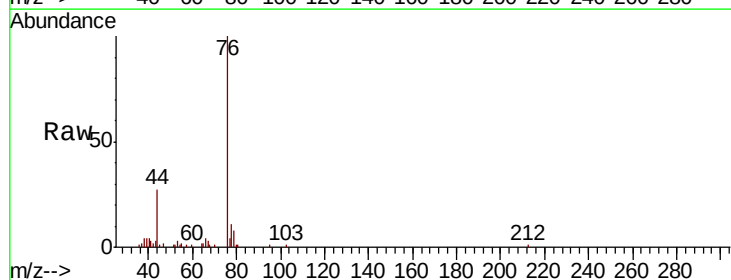
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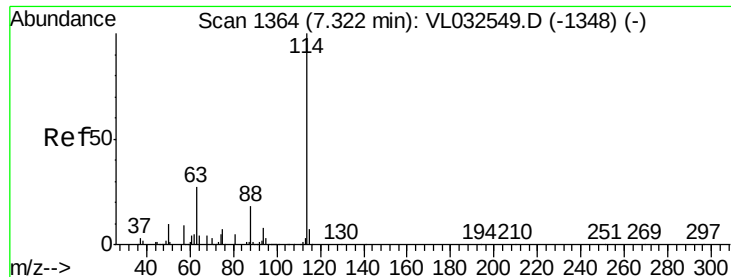
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#27
Carbon Disulfide
Concen: 0.336 ppbv
RT: 4.64 min Scan# 531
Delta R.T. -0.02 min
Lab File: VL032616.D
Acq: 11 Oct 2018 22:47

Tgt Ion	76	Resp	50654
Ion	Ratio	Lower	Upper
76	100		
44	21.2	14.0	21.0#
78	10.2	7.5	11.3





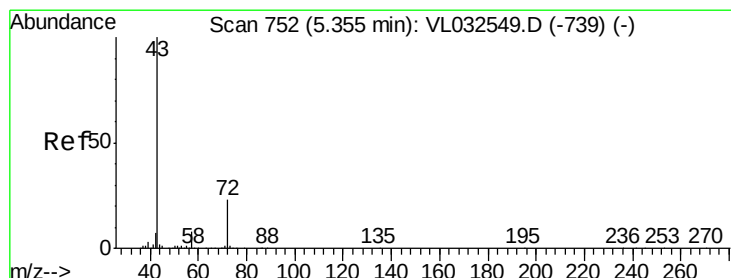
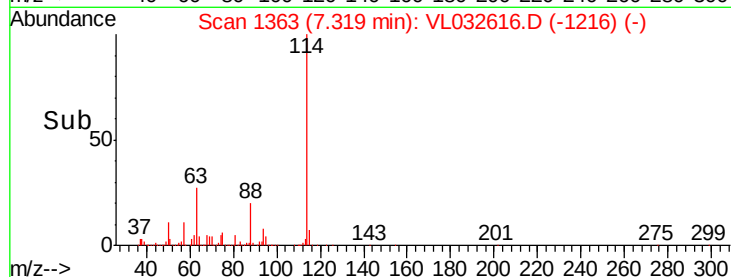
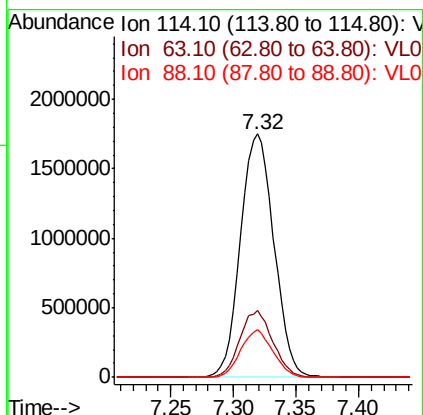
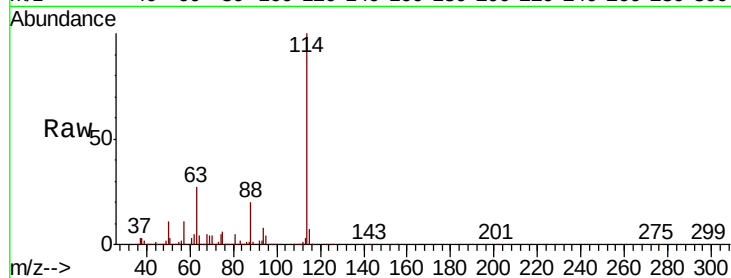
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.32 min Scan# 1363
 Delta R.T. -0.03 min
 Lab File: VL032616.D
 Acq: 11 Oct 2018 22:47

Instrument :
 MSVOA_L
 ClientSampleId :
 Q2-SVI-100518DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.2	33.4
88	18.7	15.0	22.4

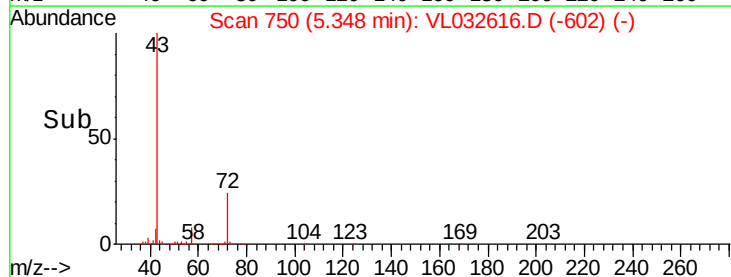
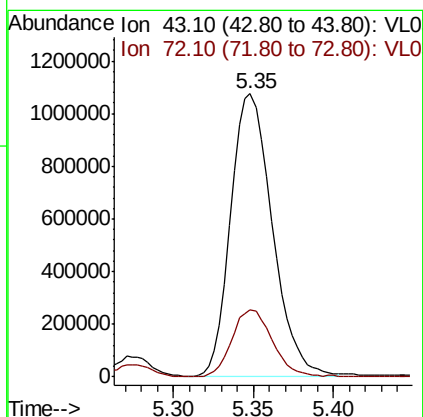
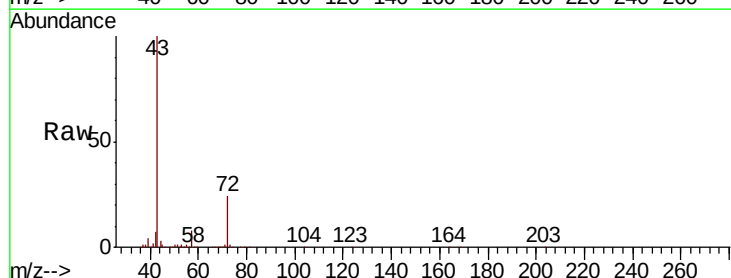
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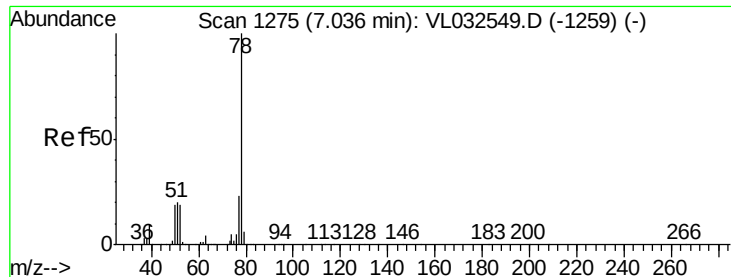
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#34
 2-Butanone
 Concen: 9.844 ppbv
 RT: 5.35 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: VL032616.D
 Acq: 11 Oct 2018 22:47

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.1	17.8	26.6





#36

Benzene

Concen: 1.519 ppbv

RT: 7.03 min Scan# 1273

Delta R.T. -0.03 min

Lab File: VL032616.D

Acq: 11 Oct 2018 22:47

Instrument :

MSVOA_L

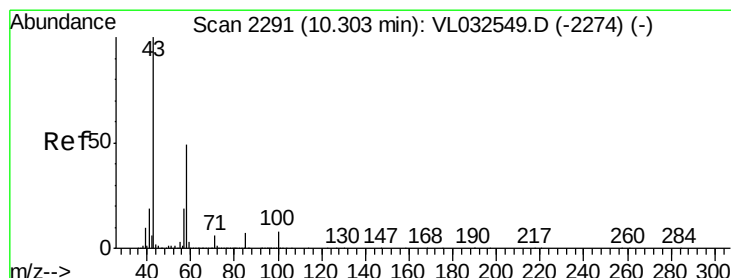
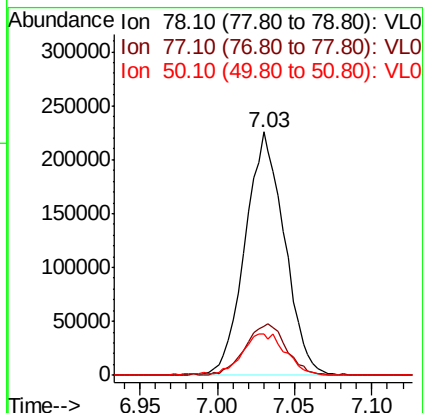
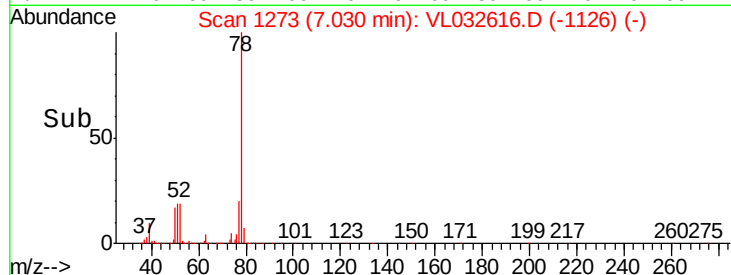
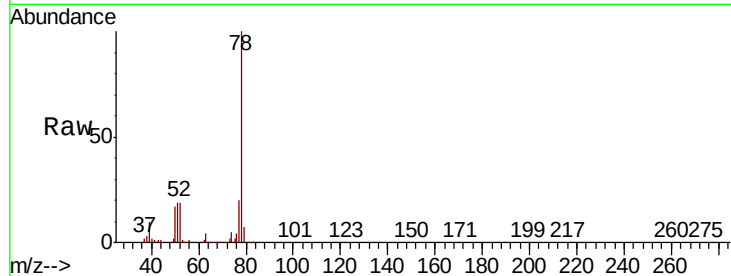
ClientSampleId :

Q2-SVI-100518DL

Tot Ion	Ratio	Lower	Upper
78	100		
77	19.9	18.4	27.6
50	17.1	14.4	21.6

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#51

2-Hexanone

Concen: 1.082 ppbv

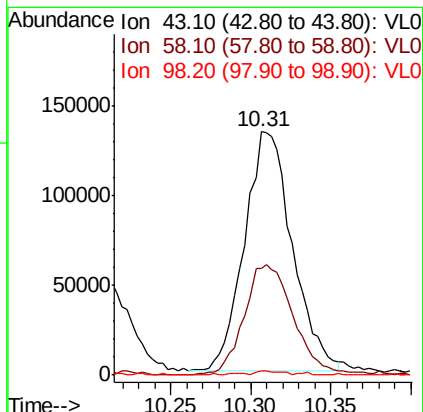
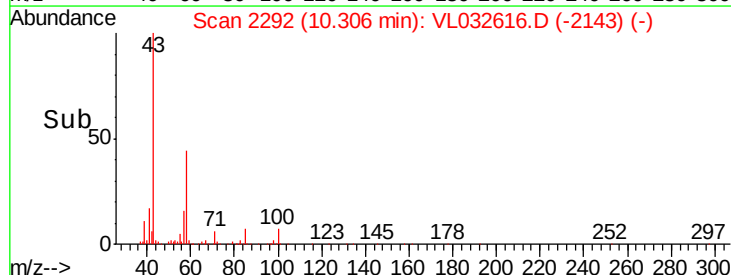
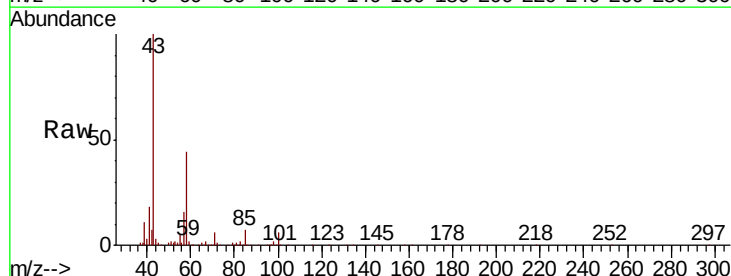
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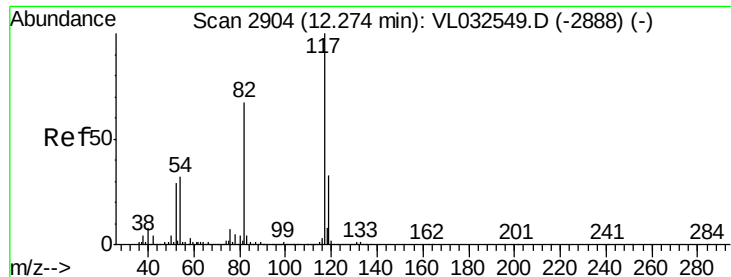
Delta R.T. -0.02 min

Lab File: VL032616.D

Acq: 11 Oct 2018 22:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.9	39.2	58.8
98	1.6	0.4	0.6#





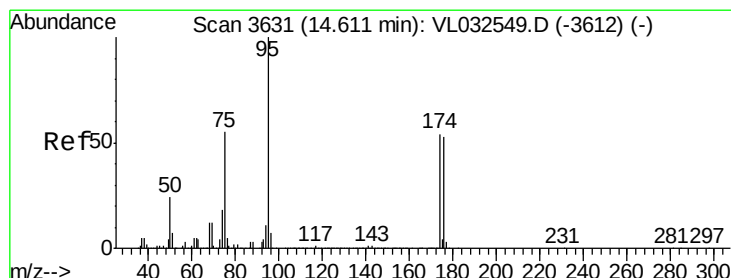
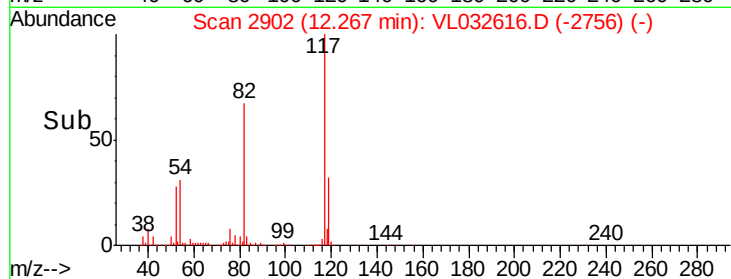
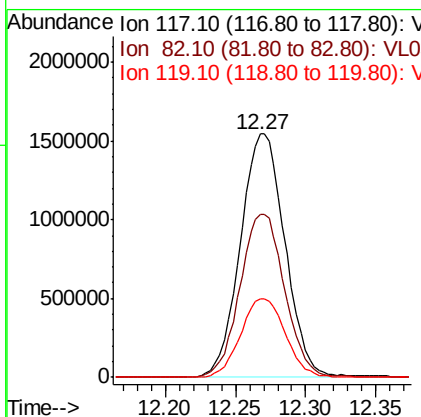
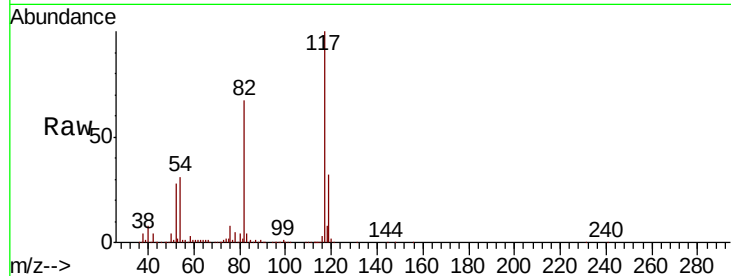
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032616.D
Acq: 11 Oct 2018 22:47

Instrument :
MSVOA_L
ClientSampleId :
Q2-SVI-100518DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.1	53.0	79.6
119	32.7	45.9	68.9#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.648 ppbv
RT: 14.61 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL032616.D
Acq: 11 Oct 2018 22:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	58.1	46.3	69.5
175	4.2	3.4	5.0

