

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031020\
 Data File : VL034868.D
 Acq On : 10 Mar 2020 16:18
 Operator : SY/AP
 Sample : L1861-01DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 O-1DL2

Manual Integrations
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Quant Time: Mar 11 14:46:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 0
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	949865	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2142364	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2078334	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1662466	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	623132m	12.300	ppbv	
10) Heptane	8.13	43	173534	1.392	ppbv	96
13) Ethanol	3.57	45	172721	11.214	ppbv	94
15) Acetone	3.82	43	375659	3.051	ppbv #	59
26) Hexane	5.68	57	777869	8.236	ppbv #	41

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

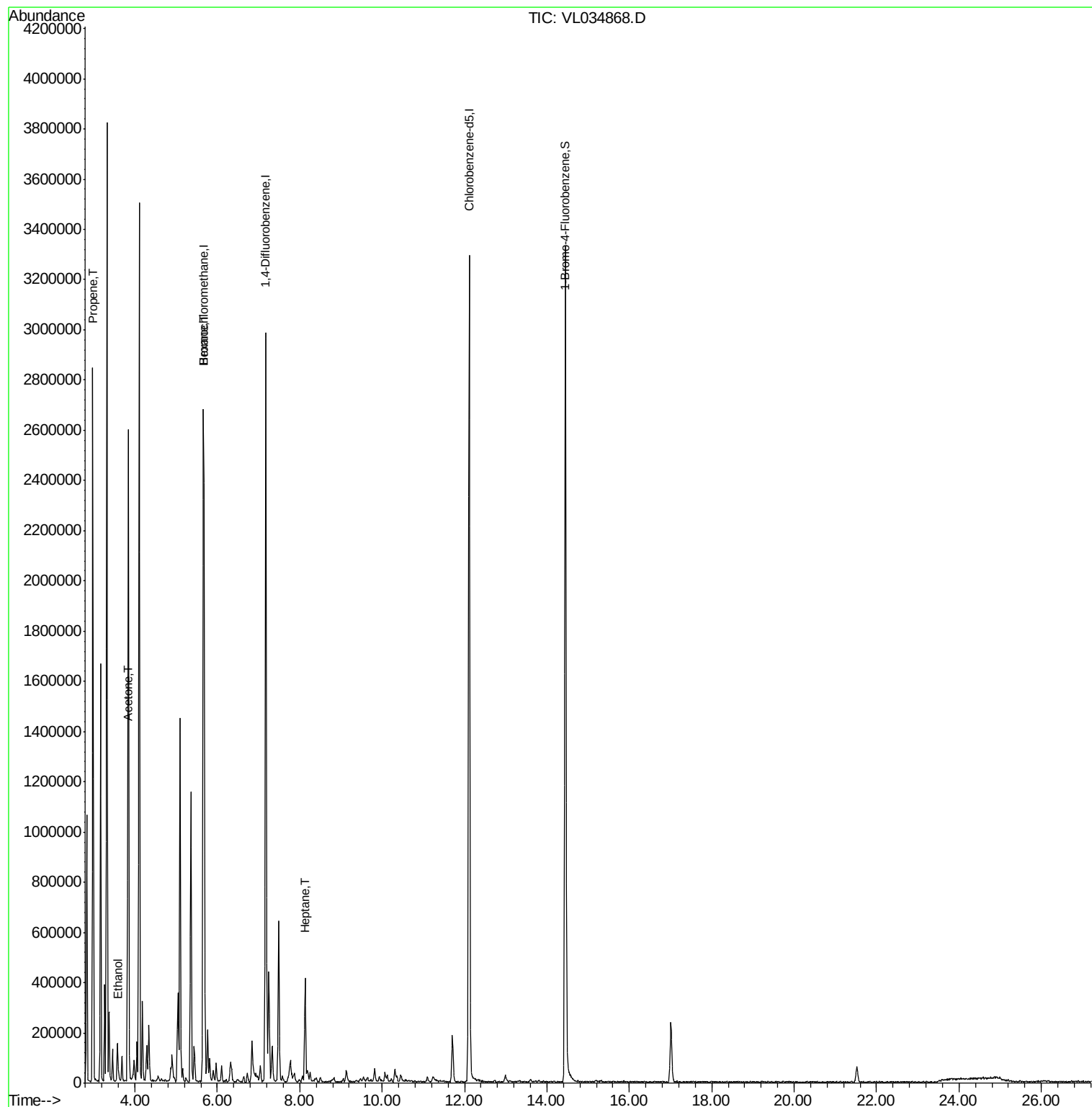
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031020\
Data File : VL034868.D
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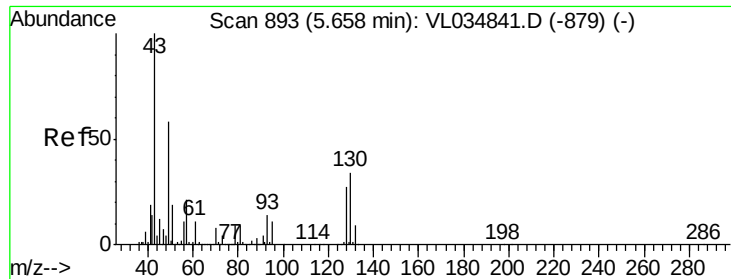
Instrument :
MSVOA_L
ClientSampleId :
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Manual Integrations
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Quant Time: Mar 11 14:46:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

Lab File: VL034868.D

Acq: 10 Mar 2020 16:18

Instrument :

MSVOA_L

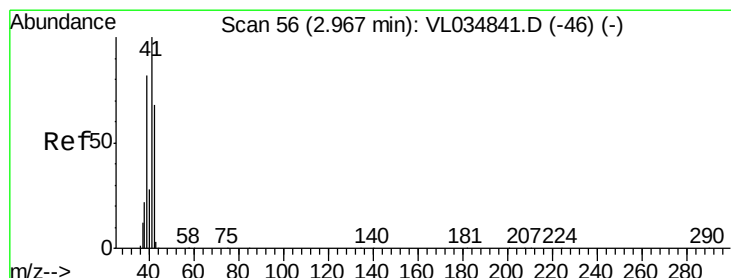
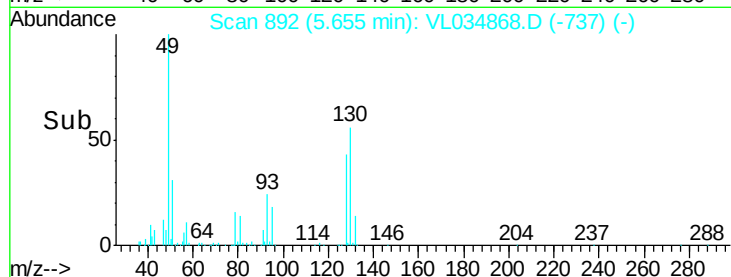
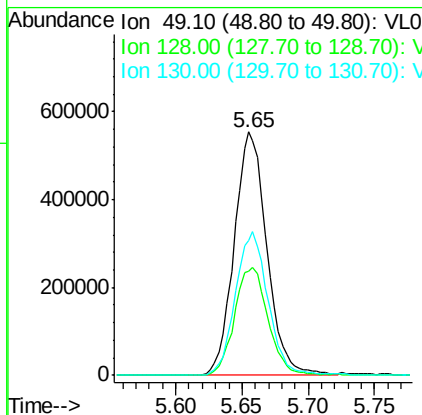
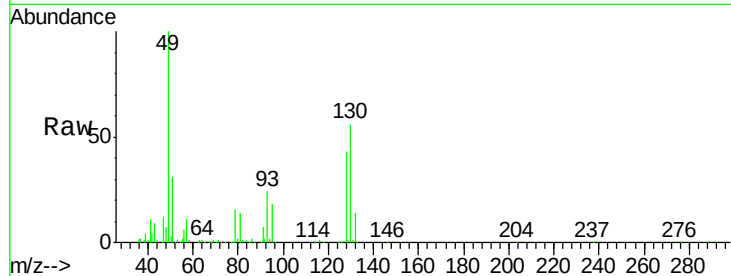
ClientSampled :

O-1DL2

Tot Ion:	49	Resp:	949865
Ion Ratio	Lower	Upper	
49	100		
128	46.2	23.4	70.3
130	59.6	30.0	90.0

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#9

Propene

Concen: 12.300 ppbv m

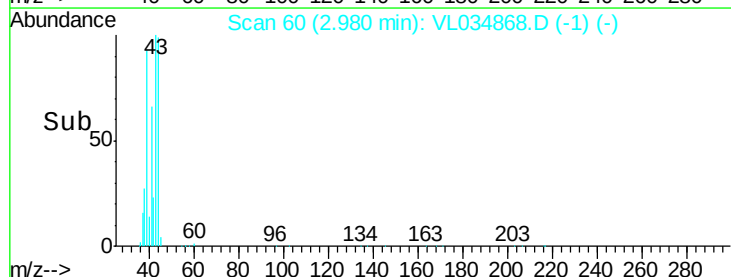
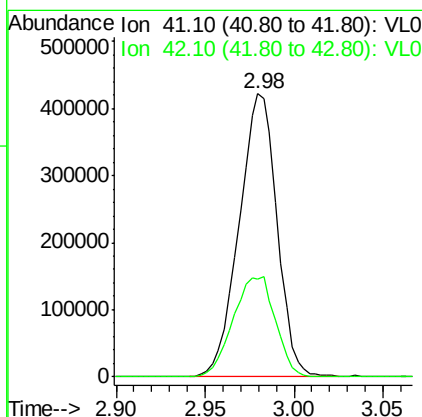
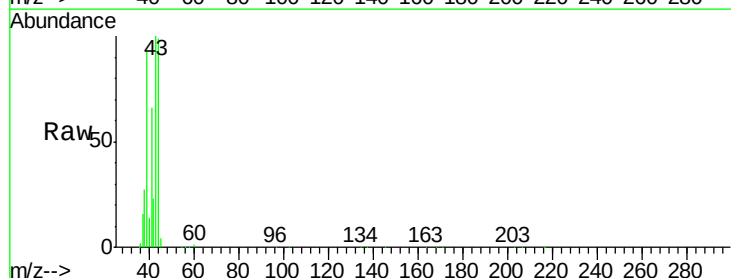
RT: 2.98 min Scan# 60

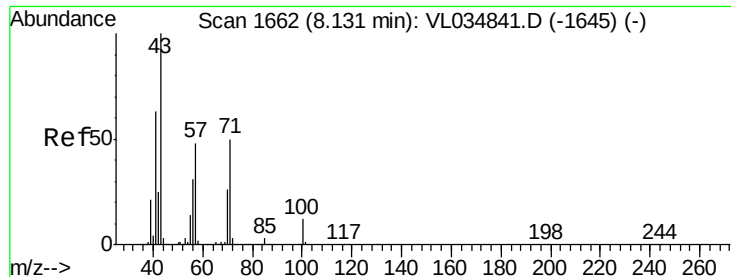
Delta R.T. 0.01 min

Lab File: VL034868.D

Acq: 10 Mar 2020 16:18

Tgt Ion:	41	Resp:	623132
Ion Ratio	Lower	Upper	
41	100		
42	46.8	55.2	82.8#





#10

Heptane

Concen: 1.392 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VL034868.D

Acq: 10 Mar 2020 16:18

Instrument :

MSVOA_L

ClientSampled :

O-1DL2

Tot Ion: 43 Resp: 173534

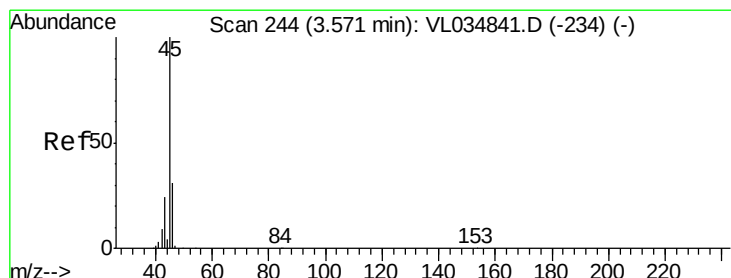
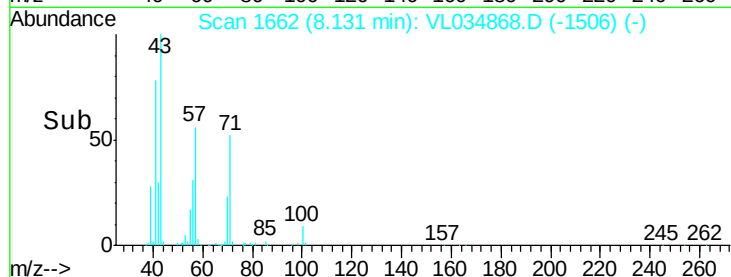
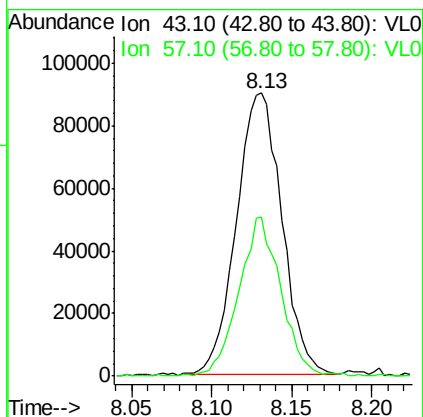
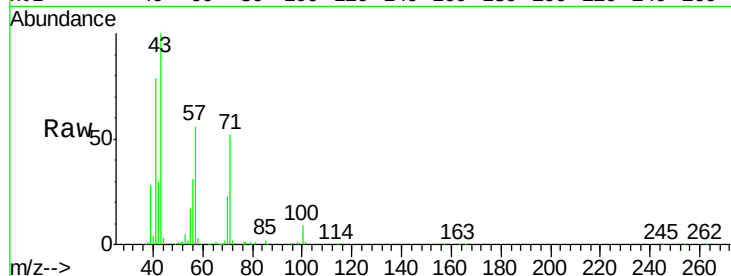
Ion Ratio Lower Upper

43 100

57 52.5 39.7 59.5

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#13

Ethanol

Concen: 11.214 ppbv

RT: 3.57 min Scan# 244

Delta R.T. 0.00 min

Lab File: VL034868.D

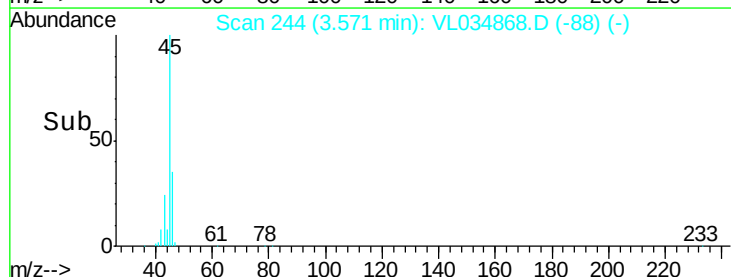
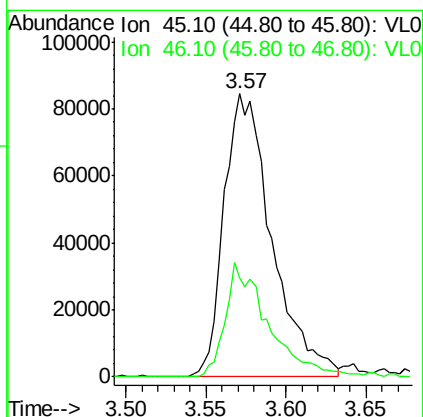
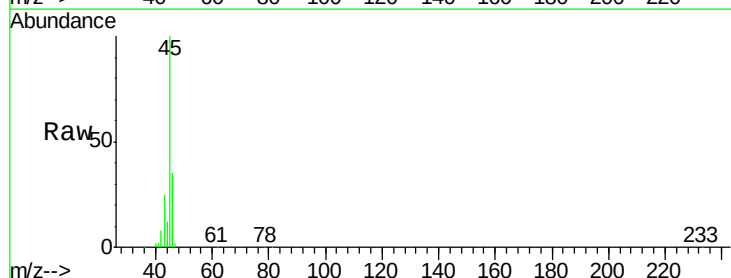
Acq: 10 Mar 2020 16:18

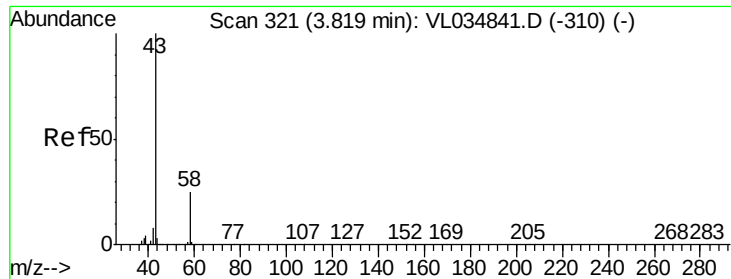
Tgt Ion: 45 Resp: 172721

Ion Ratio Lower Upper

45 100

46 36.2 16.0 64.0





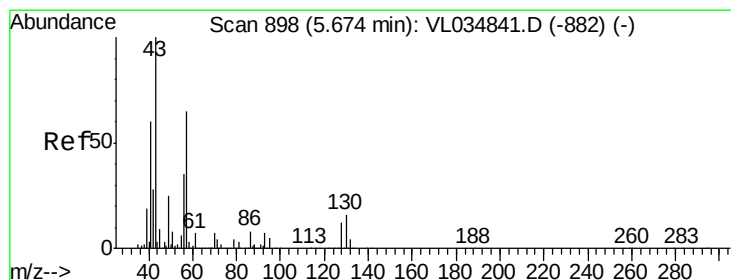
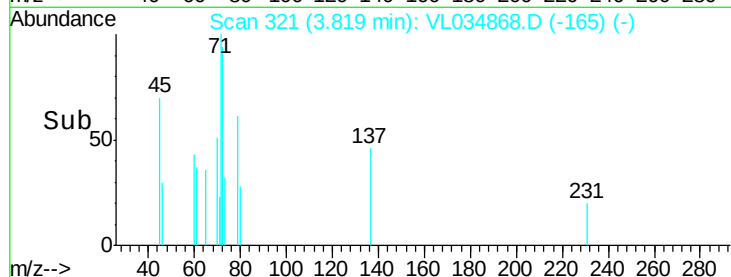
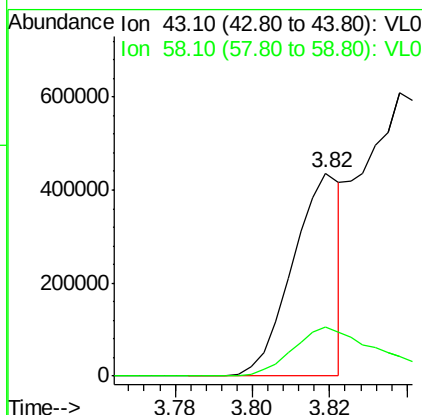
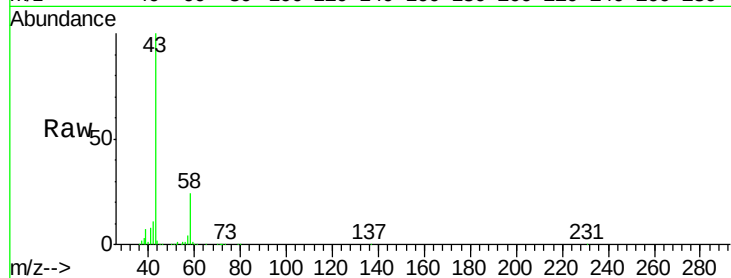
#15
Acetone
Concen: 3.051 ppbv
RT: 3.82 min Scan# 321
Delta R.T. 0.00 min
Lab File: VL034868.D
Acq: 10 Mar 2020 16:18

Instrument :
MSVOA_L
ClientSampleId :
O-1DL2

Tot Ion: 43 Resp: 375659
Ion Ratio Lower Upper
43 100
58 47.4 21.0 31.6#

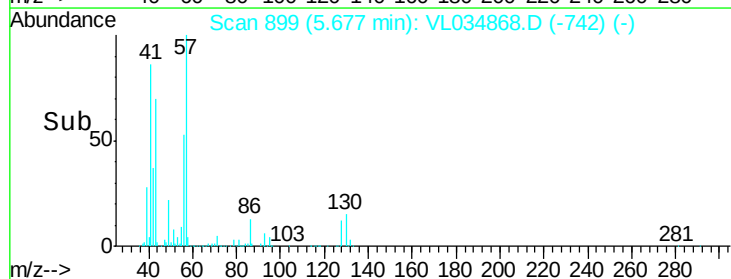
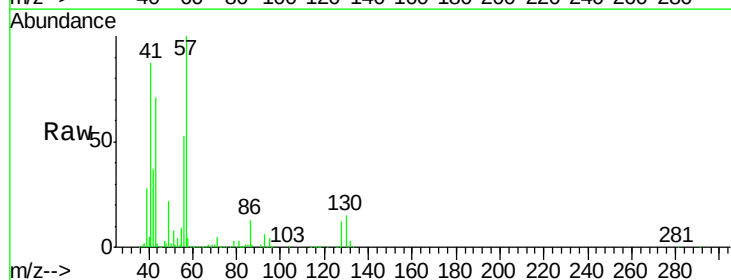
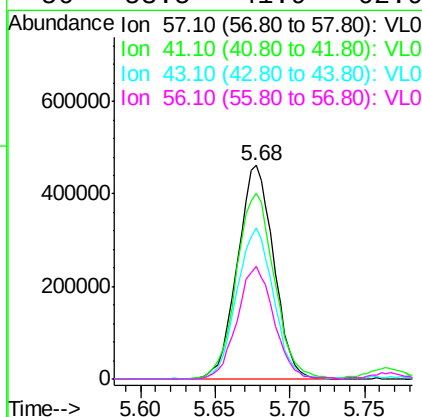
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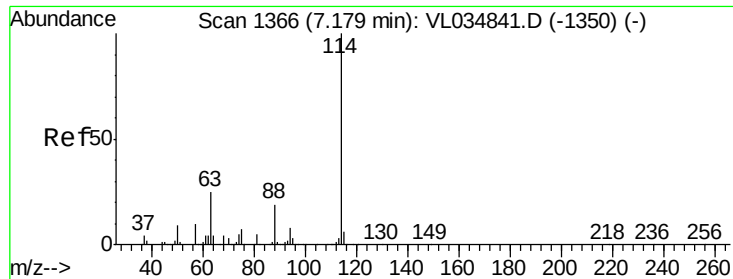
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#26
Hexane
Concen: 8.236 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL034868.D
Acq: 10 Mar 2020 16:18

Tgt Ion: 57 Resp: 777869
Ion Ratio Lower Upper
57 100
41 91.7 72.6 109.0
43 71.9 183.8 275.6#
56 53.5 41.9 62.9





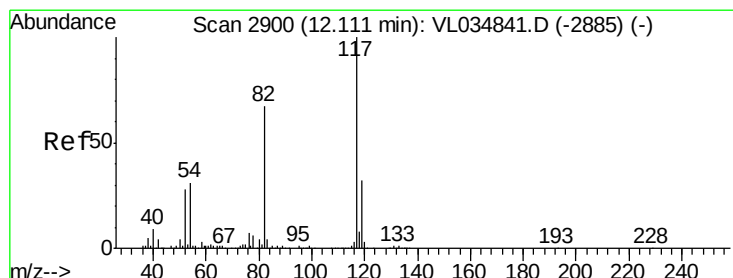
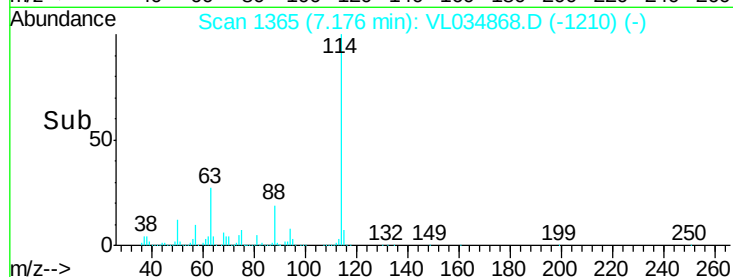
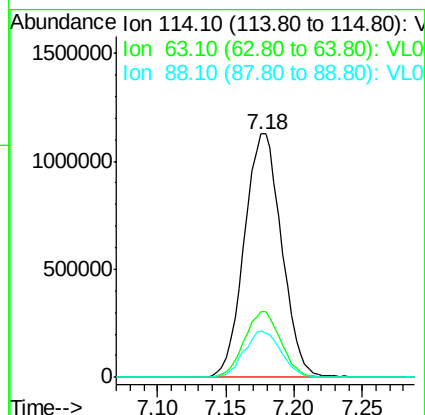
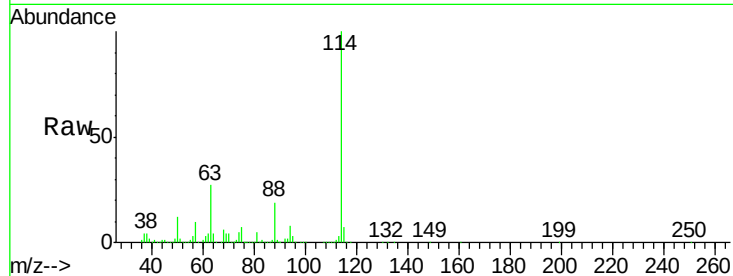
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL034868.D
 Acq: 10 Mar 2020 16:18

Instrument :
 MSVOA_L
 ClientSampleId :
 O-1DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.7	20.6	31.0
88	18.8	15.0	22.6

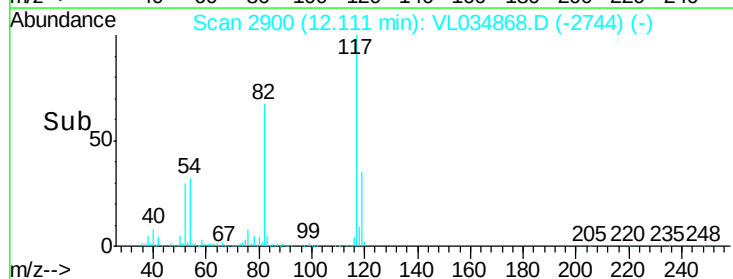
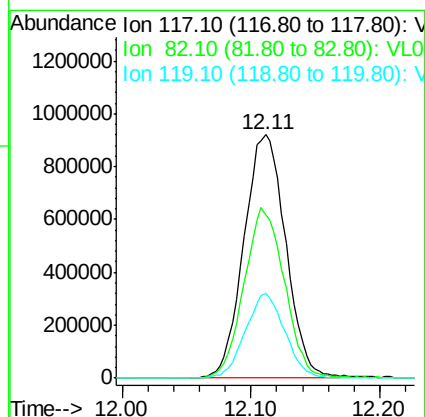
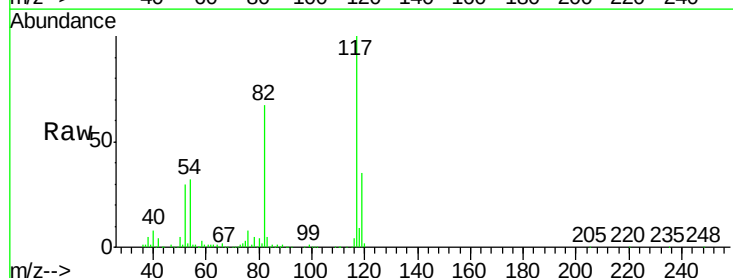
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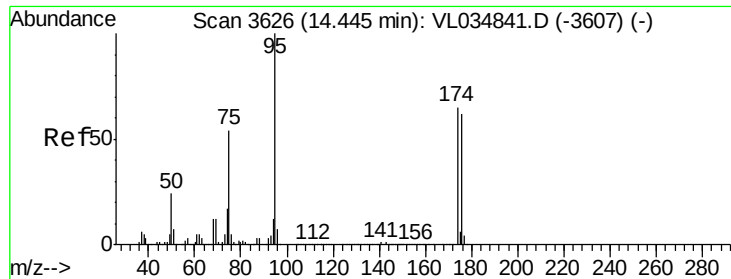
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: VL034868.D
 Acq: 10 Mar 2020 16:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.6	51.1	76.7
119	33.1	27.3	40.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.257 ppbv
 RT: 14.45 min Scan# 3628
 Delta R.T. 0.01 min
 Lab File: VL034868.D
 Acq: 10 Mar 2020 16:18

Instrument :
 MSVOA_L
 ClientSampleId :
 O-1DL2

Tot Ion	Ratio	Lower	Upper
95	100		
174	67.8	55.2	82.8
175	5.2	4.3	6.5

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