

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031020\
 Data File : VL034869.D
 Acq On : 10 Mar 2020 16:57
 Operator : SY/AP
 Sample : L1861-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-2DL

Manual Integrations
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 3/11/2020 3:17:24 PM

Quant Time: Mar 11 07:24:35 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	930501	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2073997	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2054799	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1674514	10.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	78526m	1.582	ppbv	
10) Heptane	8.13	43	21843	0.179	ppbv	90
13) Ethanol	3.57	45	179232	11.879	ppbv	94
15) Acetone	3.83	43	241130	1.999	ppbv	96
19) Isopropyl Alcohol	3.94	45	28363m	0.372	ppbv	
26) Hexane	5.67	57	59182	0.640	ppbv #	42
44) 2,2,4-Trimethylpentane	7.87	57	49417	0.158	ppbv #	85
53) Toluene	9.82	91	98144	0.460	ppbv	97

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

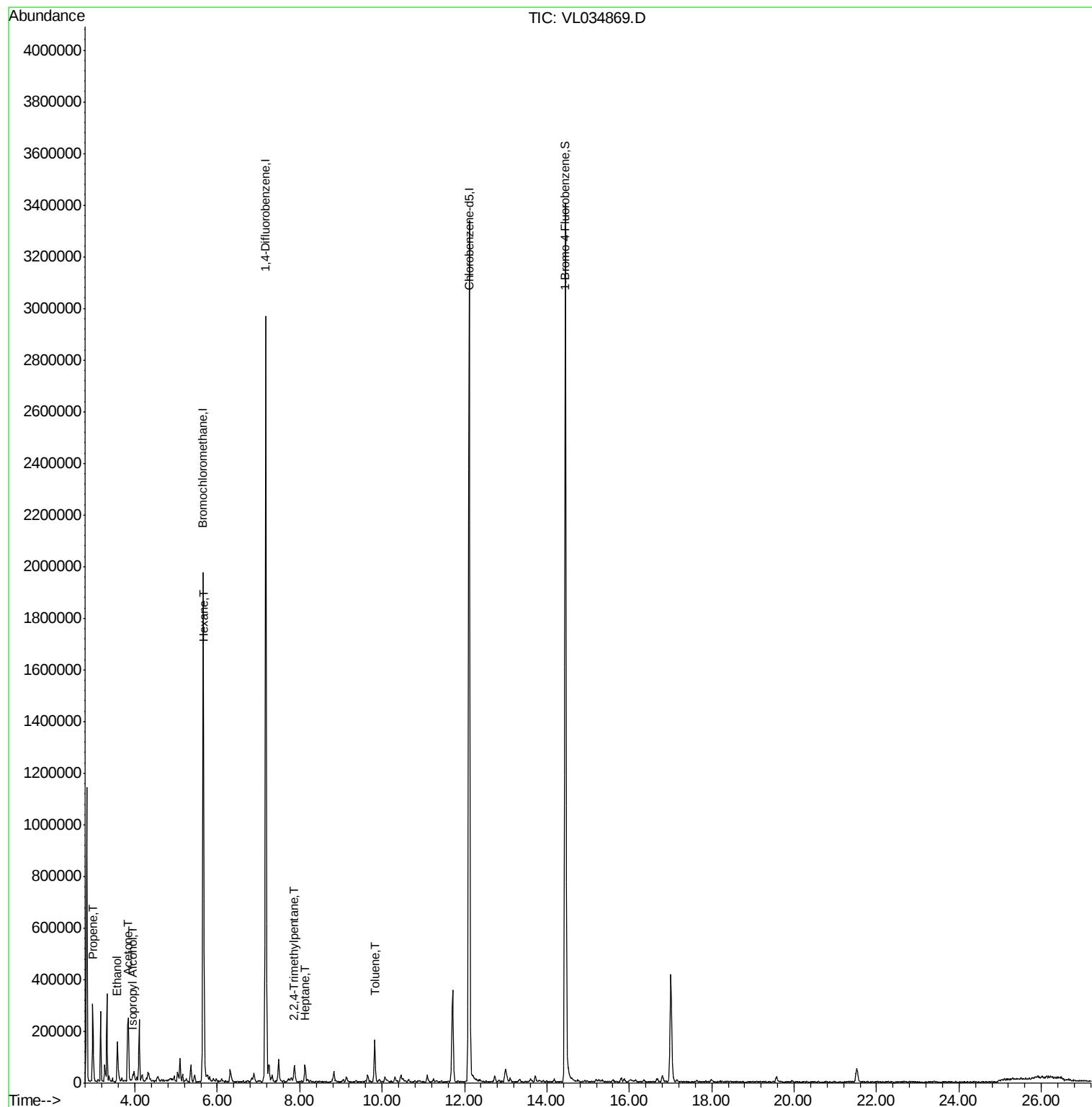
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031020\
Data File : VL034869.D
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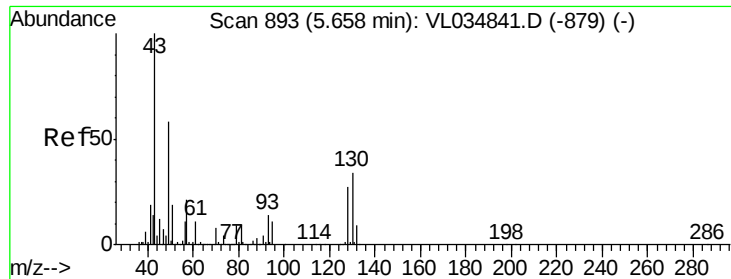
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Mar 11 07:24:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

Lab File: VL034869.D

Acq: 10 Mar 2020 16:57

Instrument :

MSVOA_L

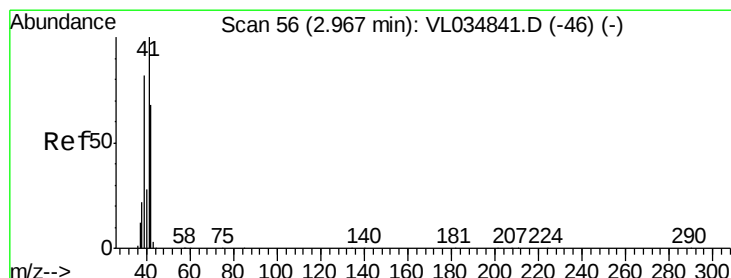
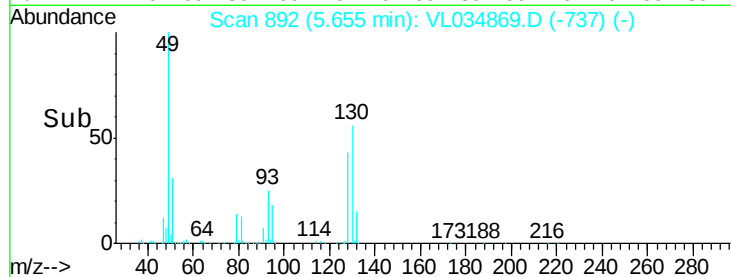
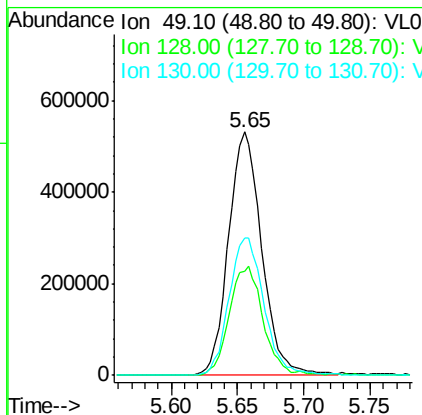
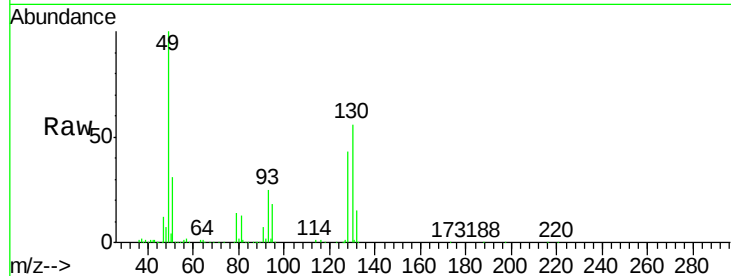
ClientSampleId :

AA-2DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	45.9	23.4	70.3
130	59.6	30.0	90.0

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#9

Propene

Concen: 1.582 ppbv m

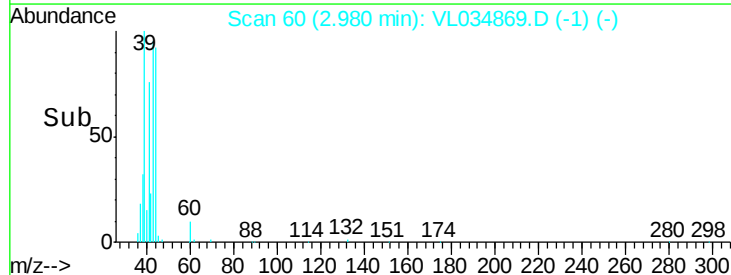
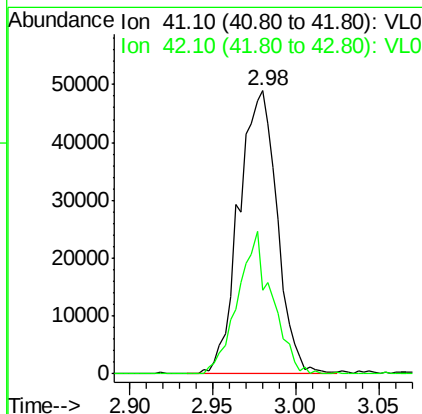
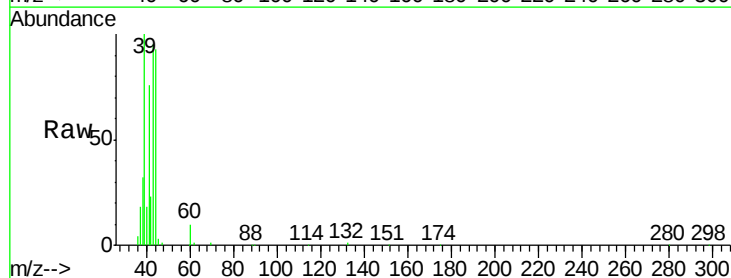
RT: 2.98 min Scan# 60

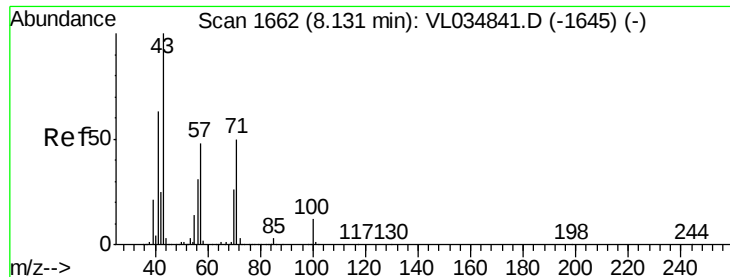
Delta R.T. 0.01 min

Lab File: VL034869.D

Acq: 10 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
41	100		
42	54.1	55.2	82.8#





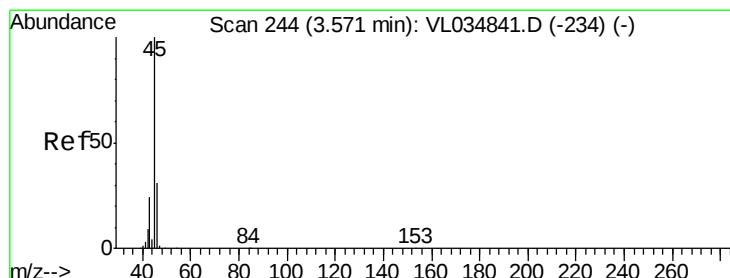
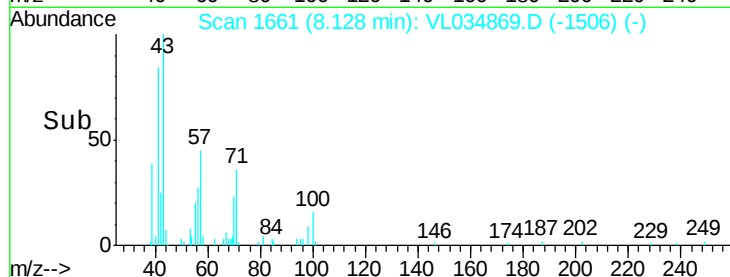
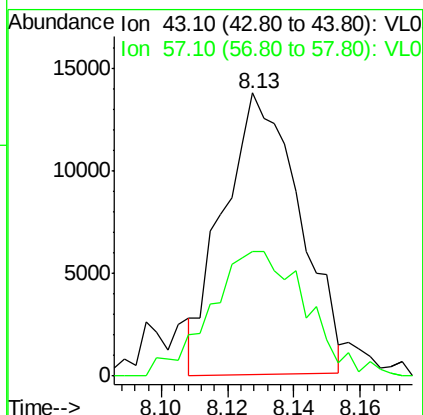
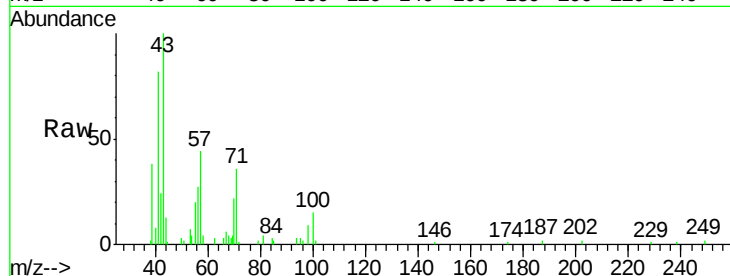
#10
Heptane
Concen: 0.179 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VL034869.D
Acq: 10 Mar 2020 16:57

Instrument :
MSVOA_L
ClientSampleId :
AA-2DL

Tot Ion	43	Resp	21843
Ion Ratio	100	Lower	Upper
43	100		
57	56.5	39.7	59.5

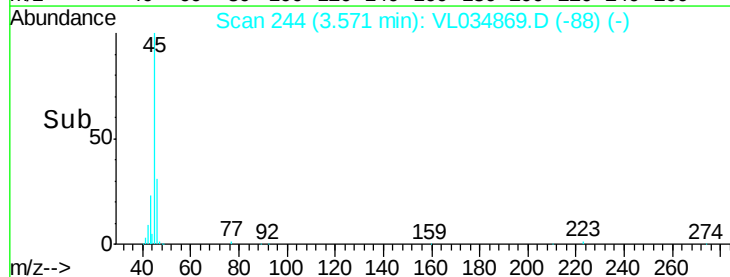
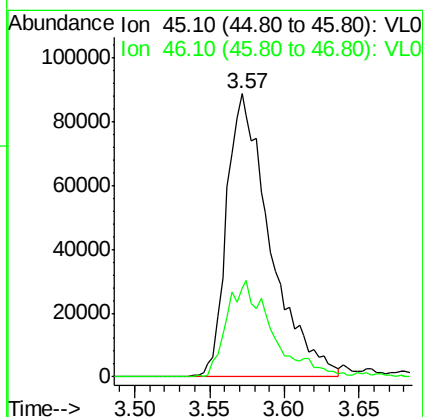
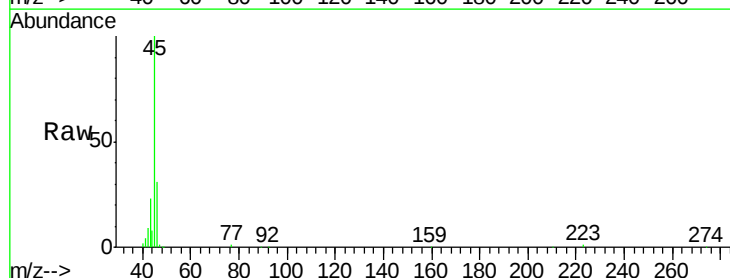
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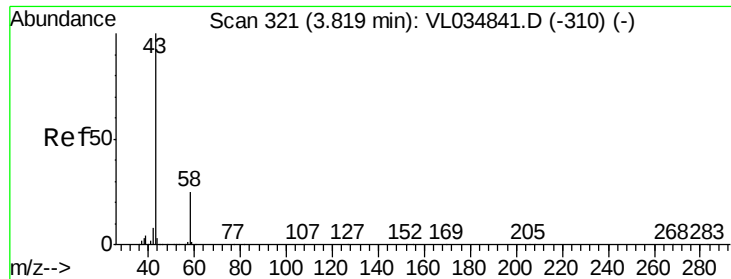
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#13
Ethanol
Concen: 11.879 ppbv
RT: 3.57 min Scan# 244
Delta R.T. 0.00 min
Lab File: VL034869.D
Acq: 10 Mar 2020 16:57

Tgt Ion	45	Resp	179232
Ion Ratio	100	Lower	Upper
45	100		
46	36.6	16.0	64.0





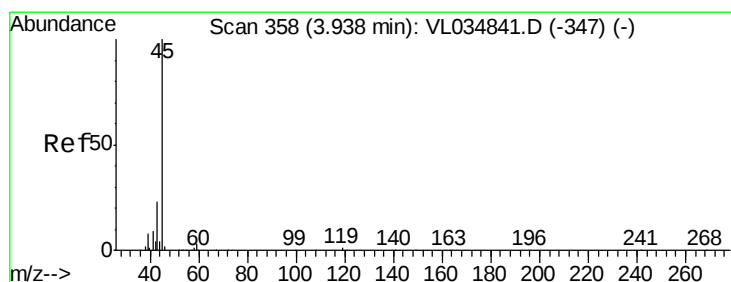
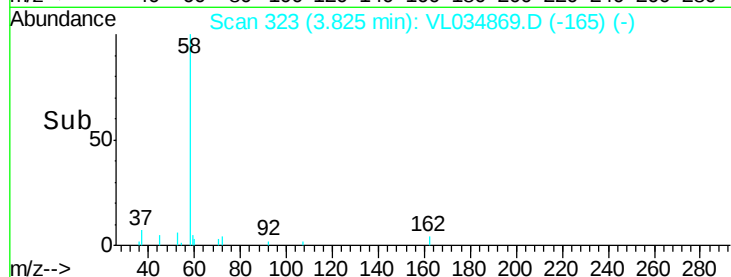
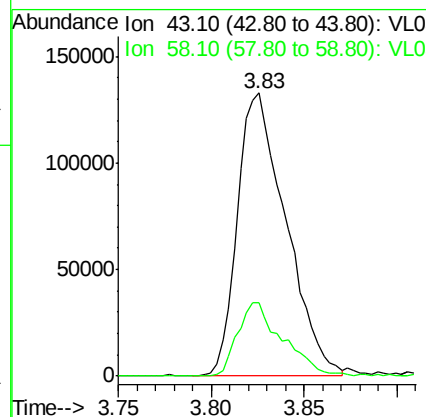
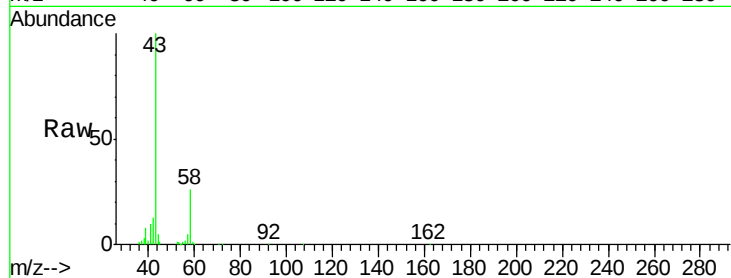
#15
Acetone
Concen: 1.999 ppbv
RT: 3.83 min Scan# 323
Delta R.T. 0.01 min
Lab File: VL034869.D
Acq: 10 Mar 2020 16:57

Instrument :
MSVOA_L
ClientSampleId :
AA-2DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	24.4	21.0	31.6

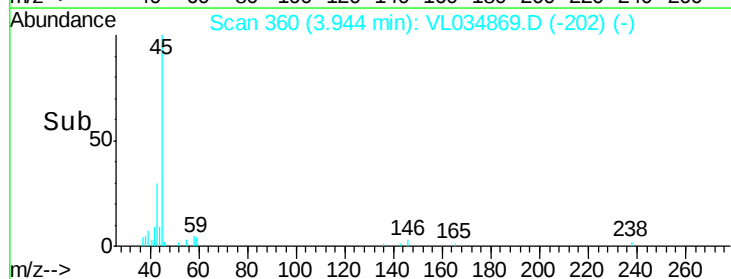
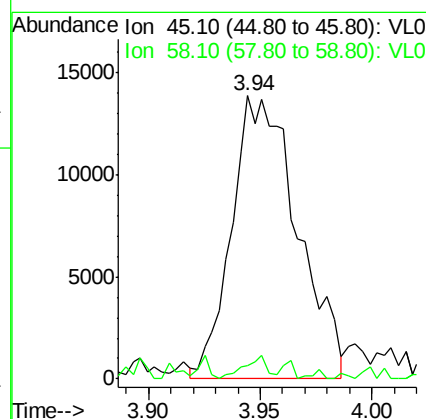
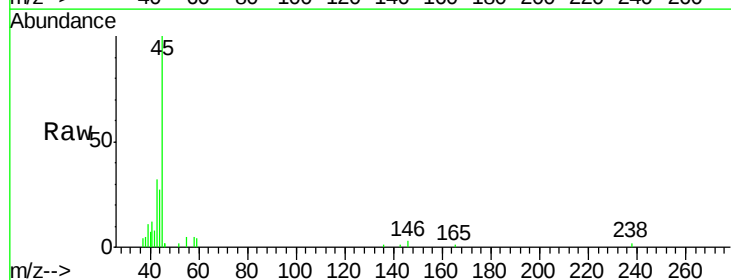
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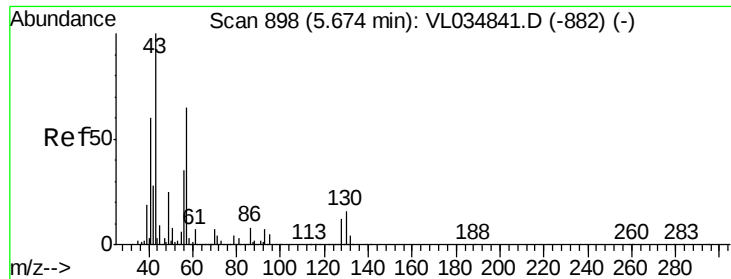
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#19
Isopropyl Alcohol
Concen: 0.372 ppbv m
RT: 3.94 min Scan# 360
Delta R.T. 0.01 min
Lab File: VL034869.D
Acq: 10 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
45	100		
58	0.0	30.5	45.7#





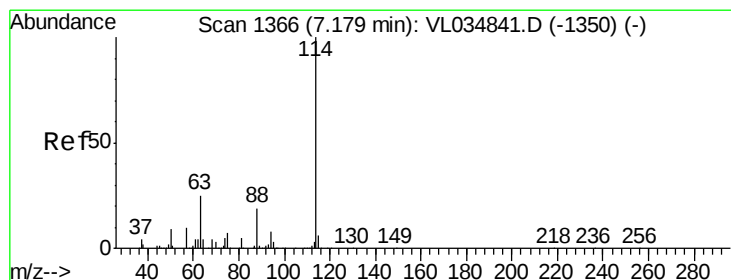
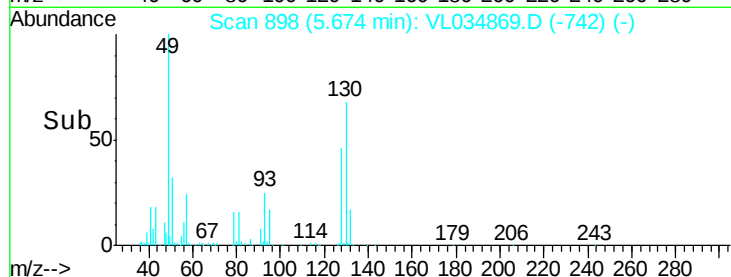
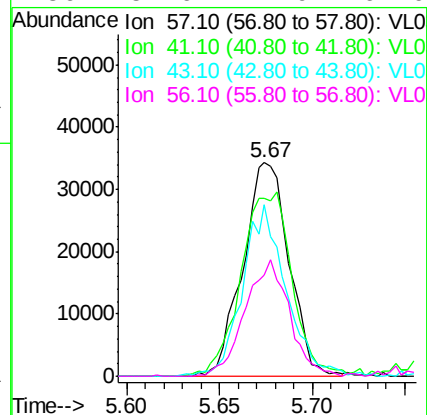
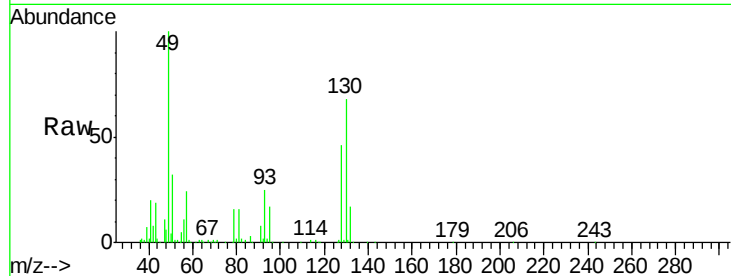
#26
Hexane
Concen: 0.640 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL034869.D
Acq: 10 Mar 2020 16:57

Instrument :
MSVOA_L
ClientSampled :
AA-2DL

Tot Ion	57	Resp	59182
Ion	Ratio	Lower	Upper
57	100		
41	95.7	72.6	109.0
43	76.6	183.8	275.6#
56	52.6	41.9	62.9

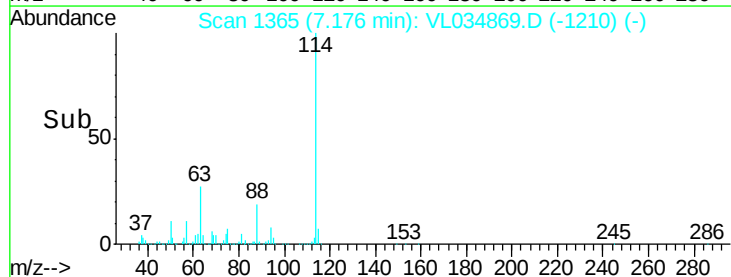
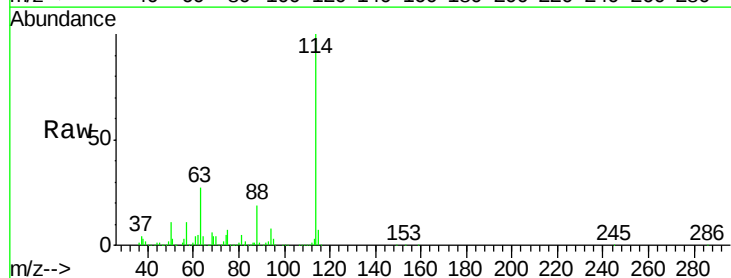
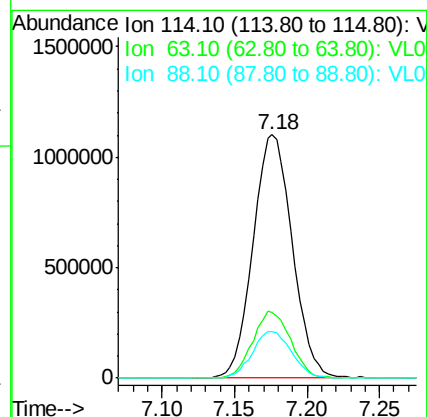
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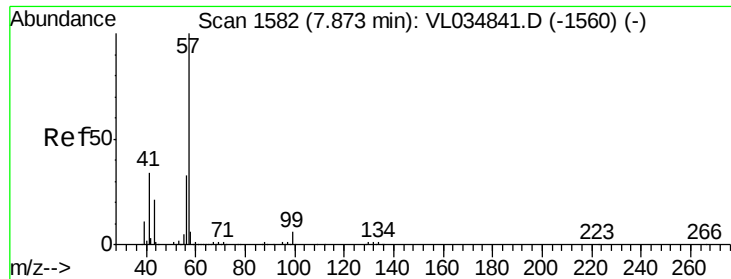
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL034869.D
Acq: 10 Mar 2020 16:57

Tgt Ion	114	Resp	2073997
Ion	Ratio	Lower	Upper
114	100		
63	26.9	20.6	31.0
88	19.2	15.0	22.6





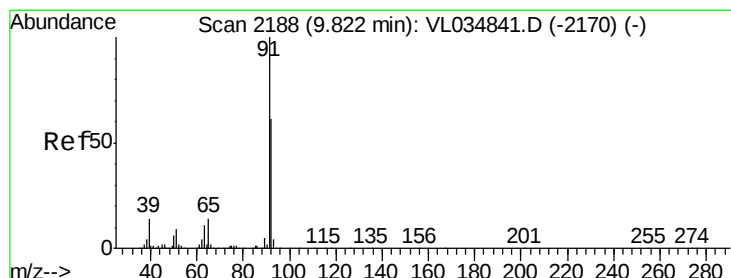
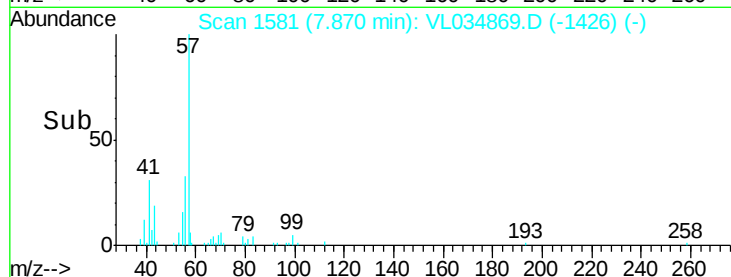
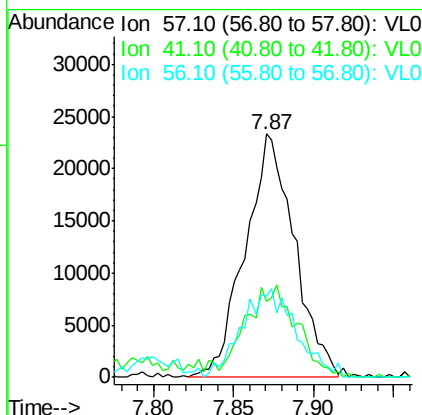
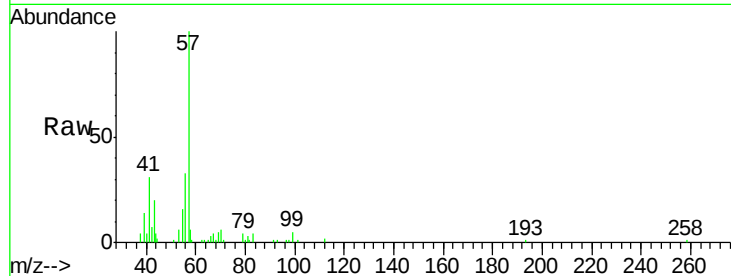
#44
 2,2,4-Trimethylpentane
 Concen: 0.158 ppbv
 RT: 7.87 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VL034869.D
 Acq: 10 Mar 2020 16:57

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-2DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	40.4	26.2	39.4#
56	39.8	25.0	37.4#

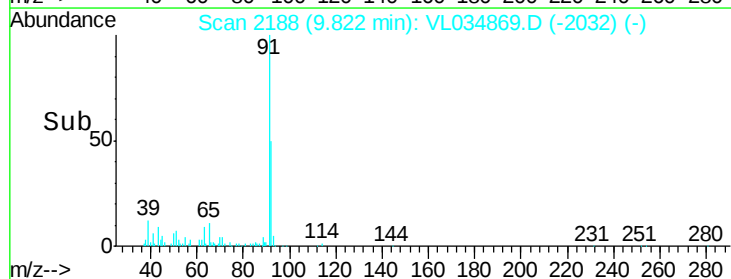
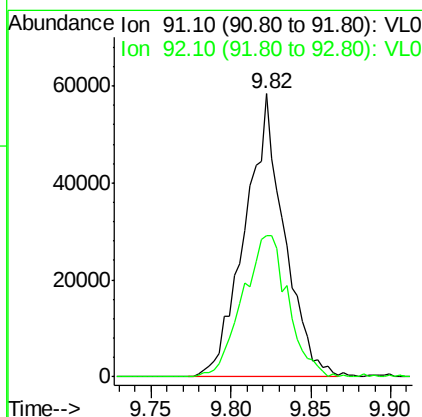
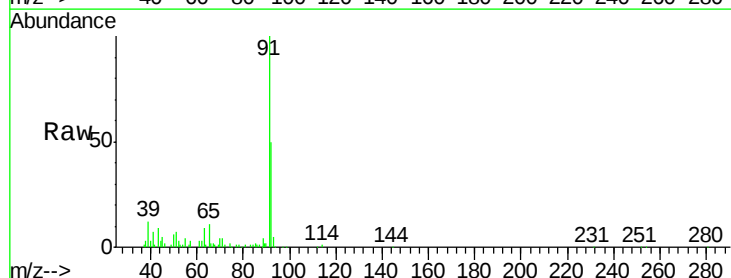
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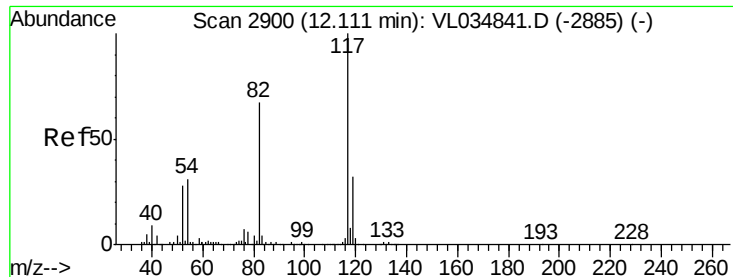
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#53
 Toluene
 Concen: 0.460 ppbv
 RT: 9.82 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VL034869.D
 Acq: 10 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.2	48.6	72.8





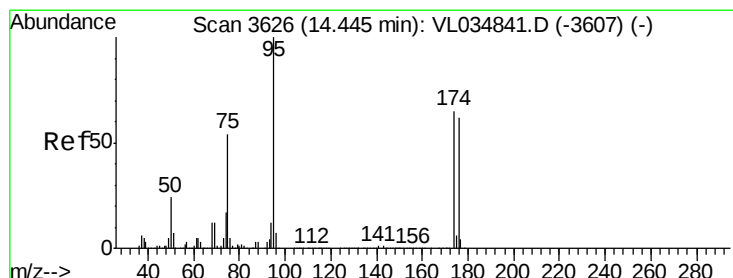
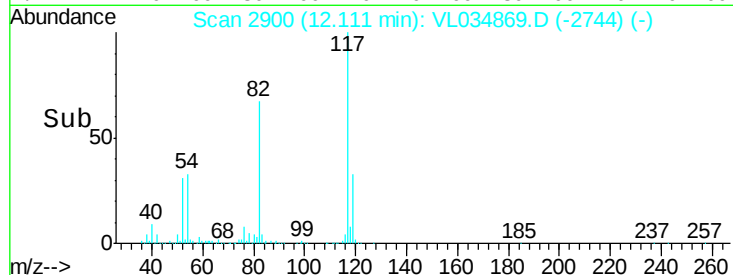
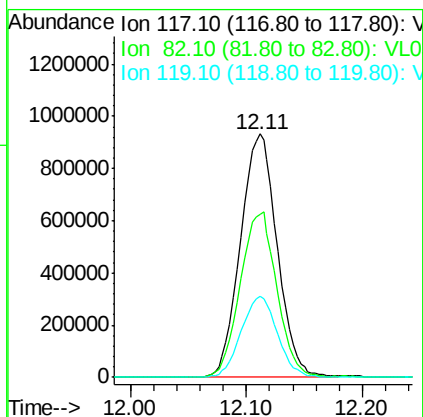
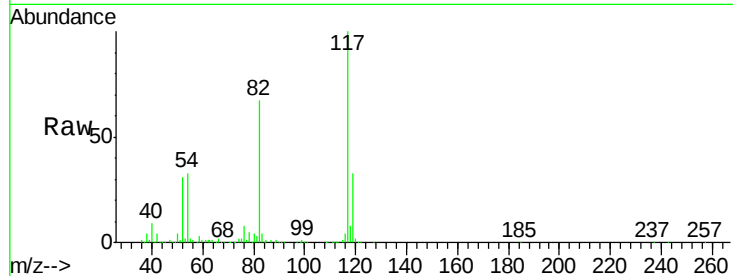
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Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL034869.D
Acq: 10 Mar 2020 16:57

Instrument :
MSVOA_L
ClientSampleId :
AA-2DL

Tot Ion:117 Resp: 2054799
Ion Ratio Lower Upper
117 100
82 68.0 51.1 76.7
119 33.1 27.3 40.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.449 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL034869.D
Acq: 10 Mar 2020 16:57

Tgt Ion: 95 Resp: 1674514
Ion Ratio Lower Upper
95 100
174 66.8 55.2 82.8
175 4.8 4.3 6.5

