

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031620\
 Data File : VL034895.D
 Acq On : 16 Mar 2020 18:05
 Operator : SY/AP
 Sample : L1924-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-01DL

Manual Integrations
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 3/17/2020 12:16:00 PM

Quant Time: Mar 17 11:00:51 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	877747	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1885902	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1870148	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1511226	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	11085m	0.237	ppbv	
13) Ethanol	3.58	45	52523	3.690	ppbv	96
15) Acetone	3.83	43	79675m	0.700	ppbv	
19) Isopropyl Alcohol	3.96	45	17882m	0.249	ppbv	
53) Toluene	9.82	91	41213m	0.212	ppbv	

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

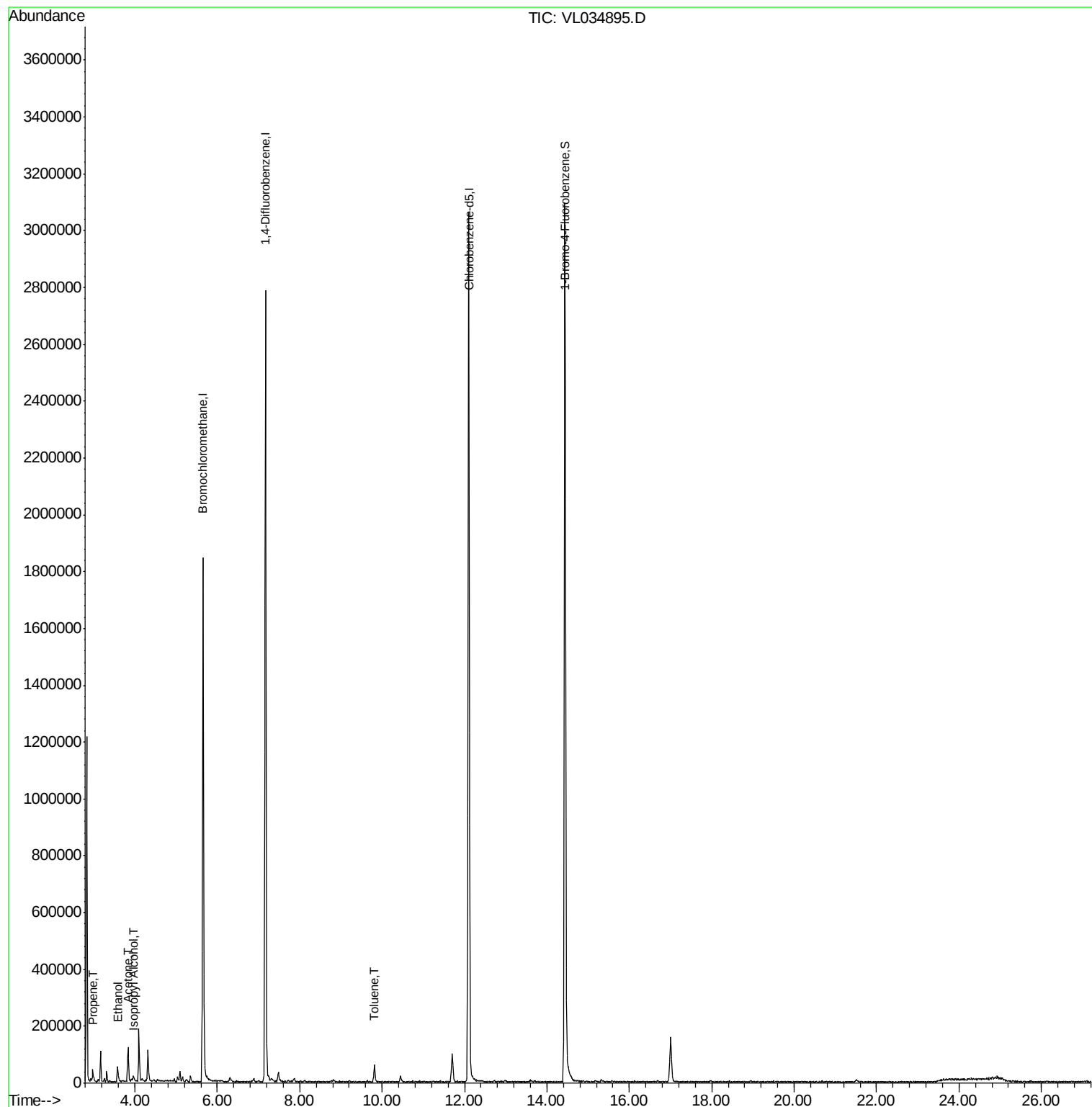
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031620\
Data File : VL034895.D
Acq On : 16 Mar 2020 18:05
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

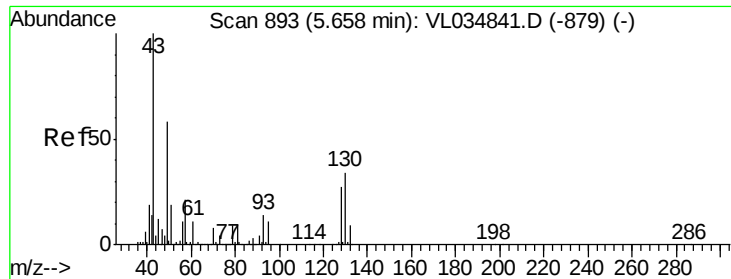
Instrument :
MSVOA_L
ClientSampleId :
IA-01DL

Manual Integrations
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3/17/2020 12:16:00 PM

Quant Time: Mar 17 11:00:51 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# 891

Delta R.T. -0.01 min

Lab File: VL034895.D

Acq: 16 Mar 2020 18:05

Instrument :

MSVOA_L

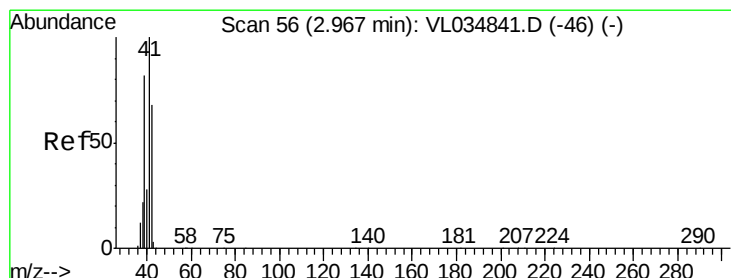
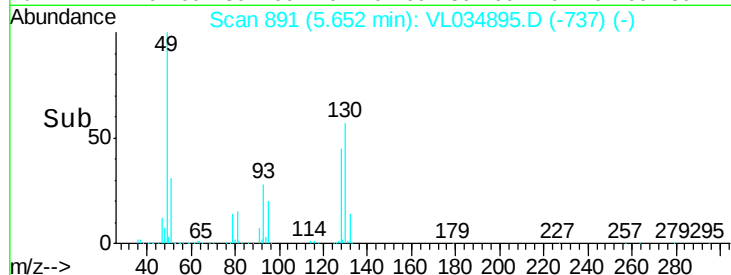
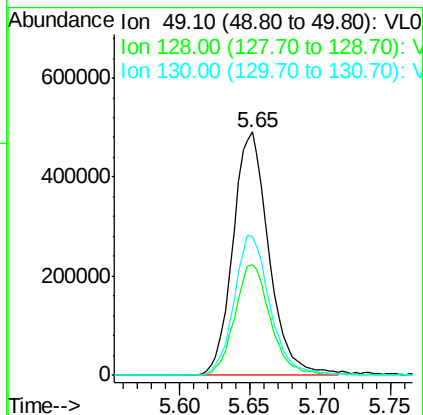
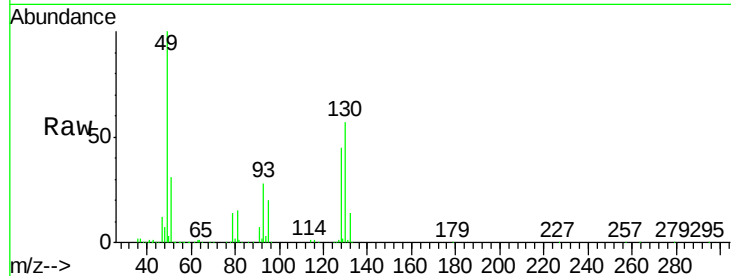
ClientSampled :

IA-01DL

Tot Ion:	49	Resp:	877747
Ion	Ratio	Lower	Upper
49	100		
128	45.9	23.4	70.3
130	57.3	30.0	90.0

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#9

Propene

Concen: 0.237 ppbv m

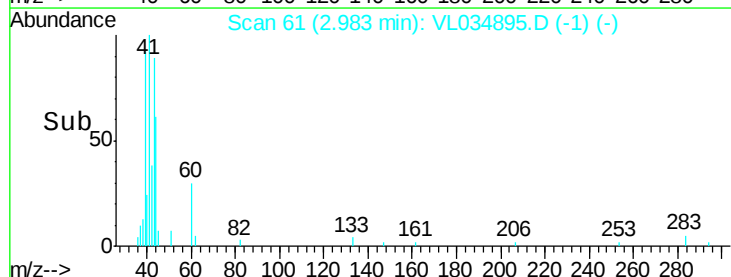
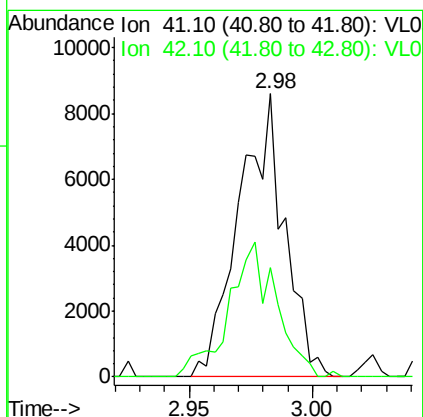
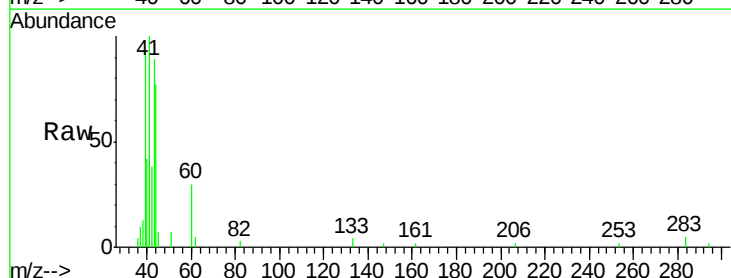
RT: 2.98 min Scan# 61

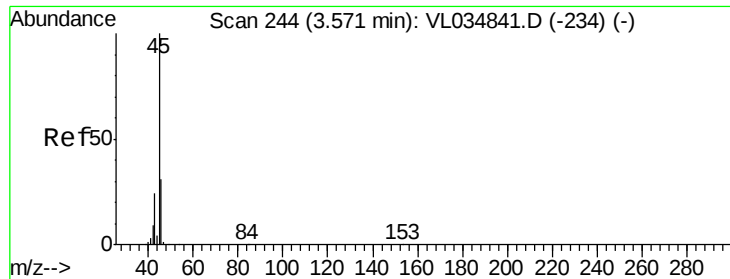
Delta R.T. 0.02 min

Lab File: VL034895.D

Acq: 16 Mar 2020 18:05

Tgt Ion:	41	Resp:	11085
Ion	Ratio	Lower	Upper
41	100		
42	170.8	55.2	82.8#





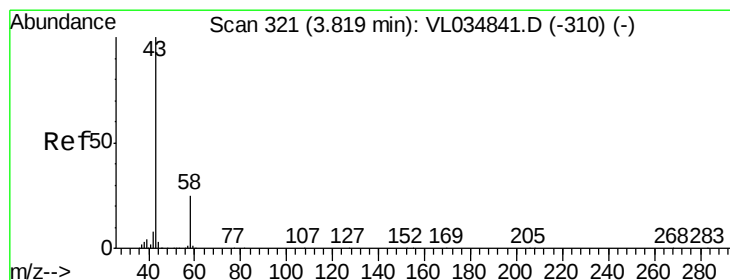
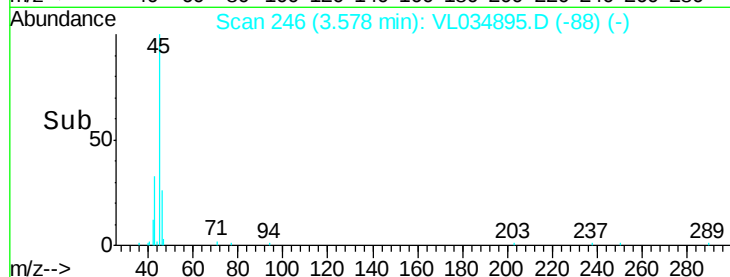
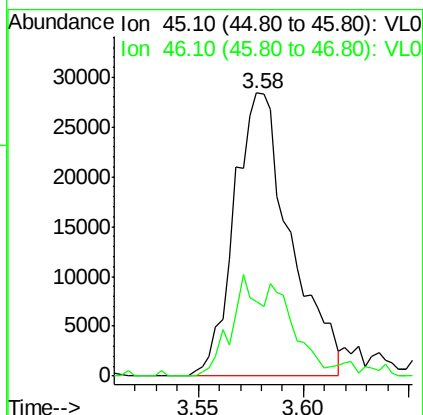
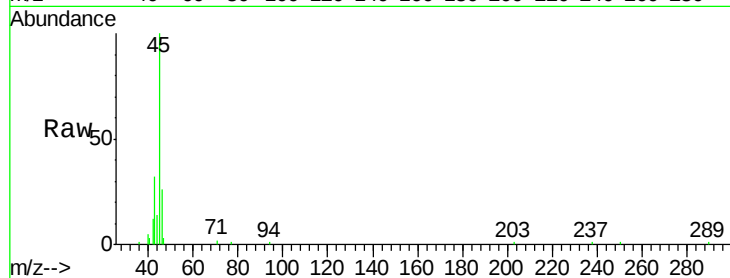
#13
Ethanol
Concen: 3.690 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.01 min
Lab File: VL034895.D
Acq: 16 Mar 2020 18:05

Instrument :
MSVOA_L
ClientSampleId :
IA-01DL

Tot Ion: 45 Resp: 52523
Ion Ratio Lower Upper
45 100
46 37.6 16.0 64.0

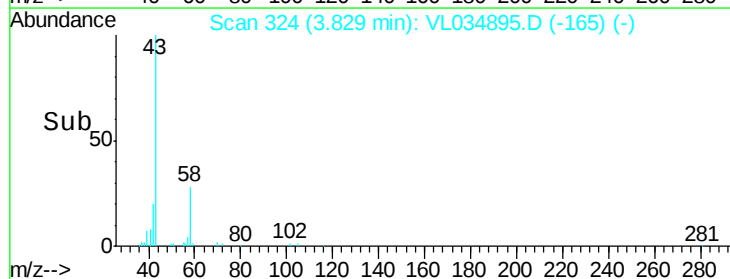
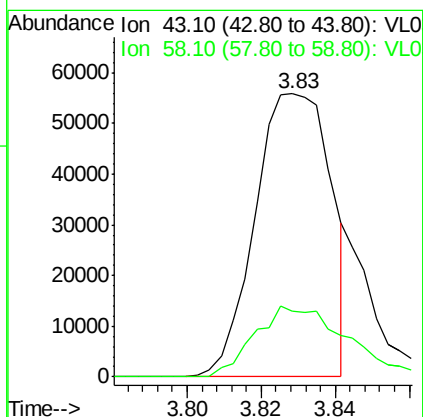
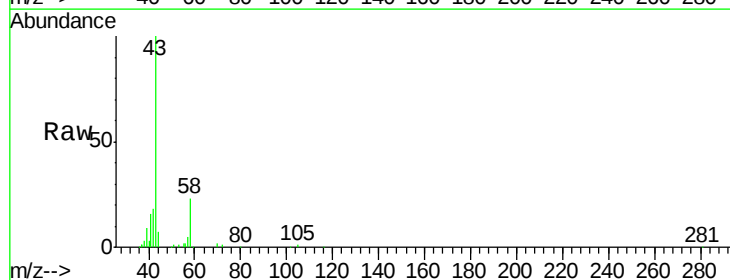
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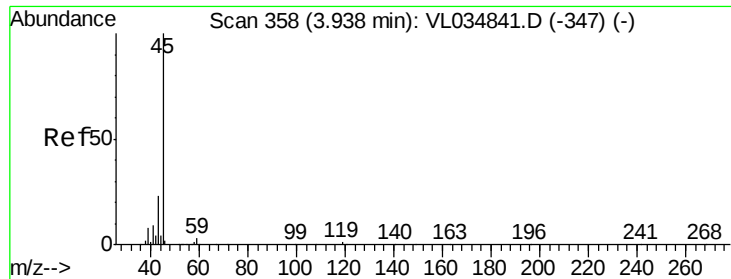
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#15
Acetone
Concen: 0.700 ppbv m
RT: 3.83 min Scan# 324
Delta R.T. 0.01 min
Lab File: VL034895.D
Acq: 16 Mar 2020 18:05

Tgt Ion: 43 Resp: 79675
Ion Ratio Lower Upper
43 100
58 30.9 21.0 31.6





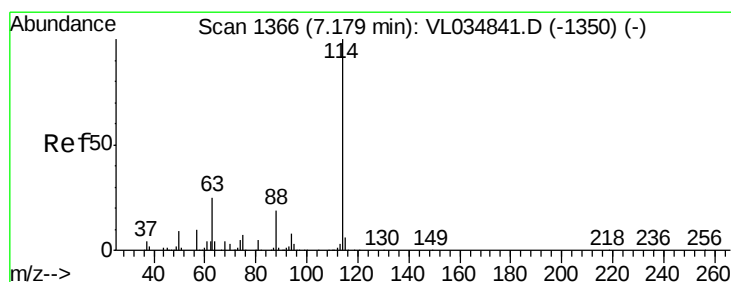
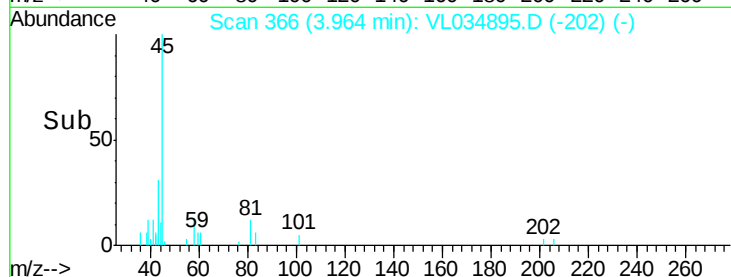
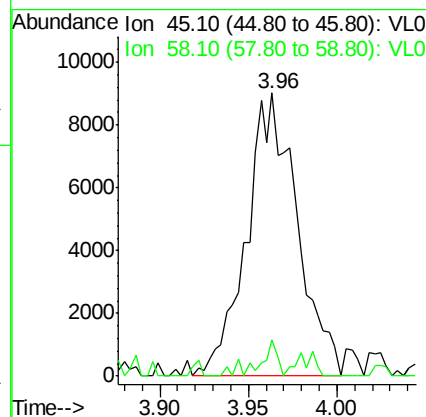
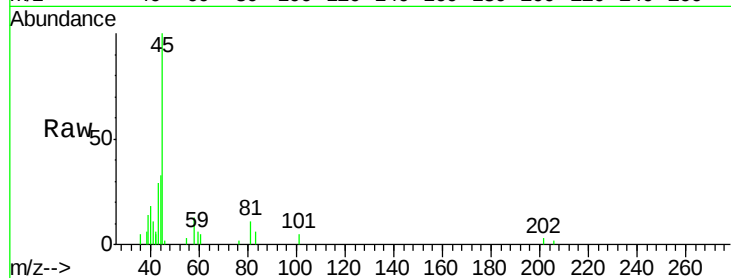
#19
Isopropyl Alcohol
Concen: 0.249 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.03 min
Lab File: VL034895.D
Acq: 16 Mar 2020 18:05

Instrument :
MSVOA_L
ClientSampled :
IA-01DL

Tot Ion	45	58	Ratio	100	0.0	Resp	17882	Lower	Upper	45.7#
Ion	45	58	Ratio	100	0.0	Resp	17882	Lower	Upper	45.7#

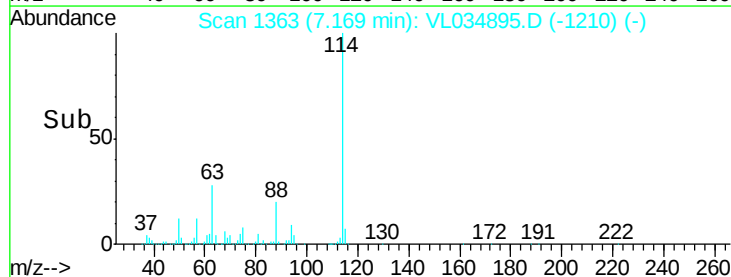
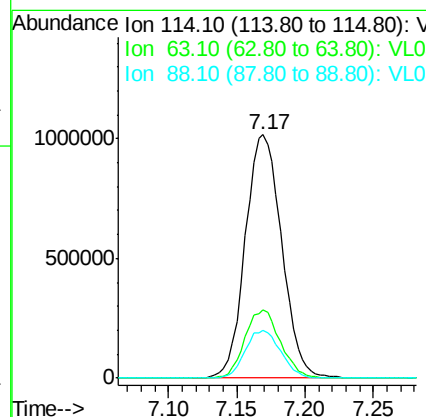
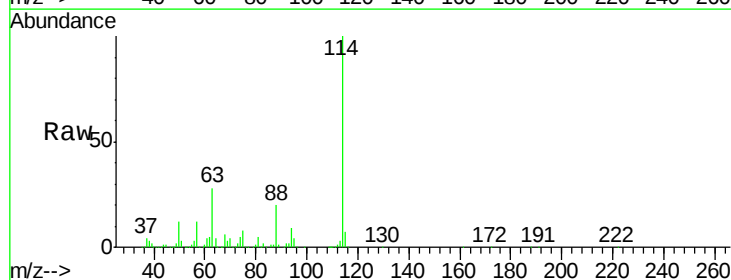
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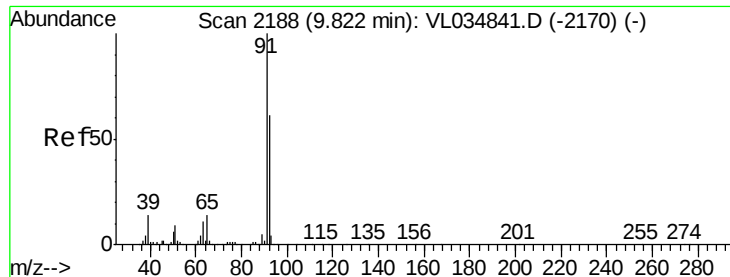
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL034895.D
Acq: 16 Mar 2020 18:05

Tgt Ion	114	63	88	Ratio	100	27.4	19.4	Resp	1885902	Lower	Upper	20.6	31.0	22.6
Ion	114	63	88	Ratio	100	27.4	19.4	Resp	1885902	Lower	Upper	20.6	31.0	22.6





#53

Toluene

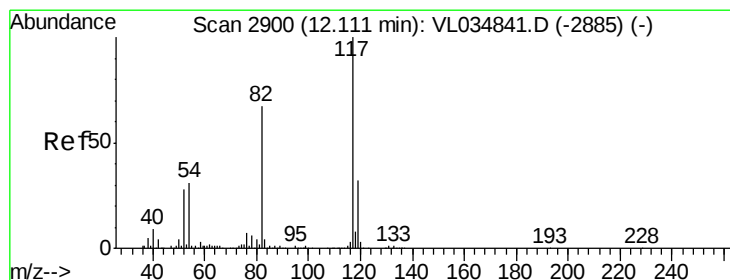
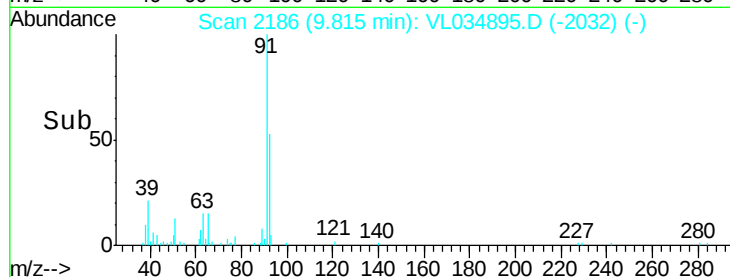
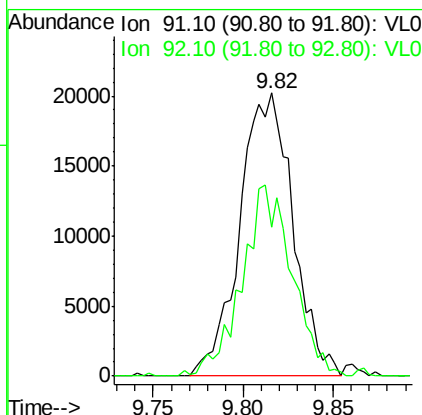
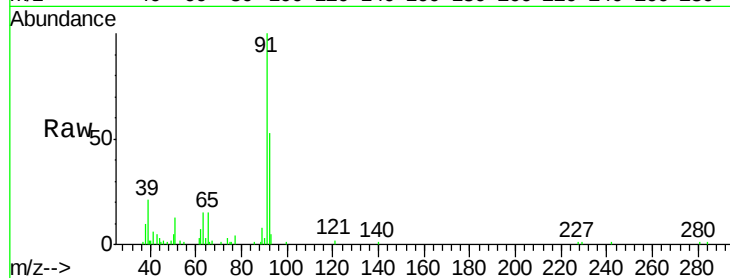
Concen: 0.212 ppbv m
 RT: 9.82 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VL034895.D
 Acq: 16 Mar 2020 18:05

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-01DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	64.1	48.6	72.8

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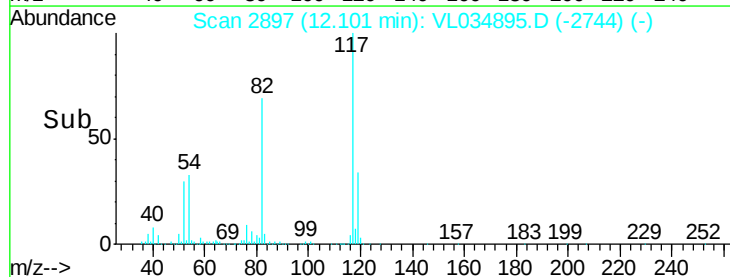
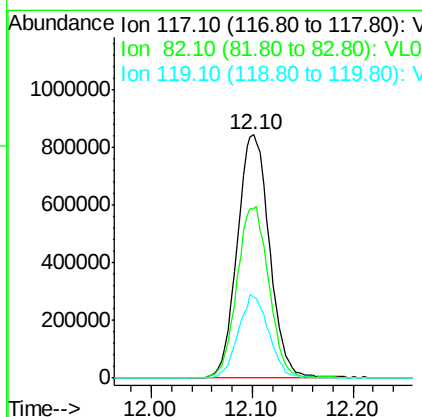
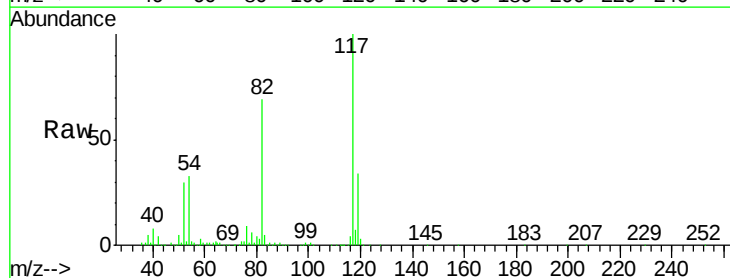


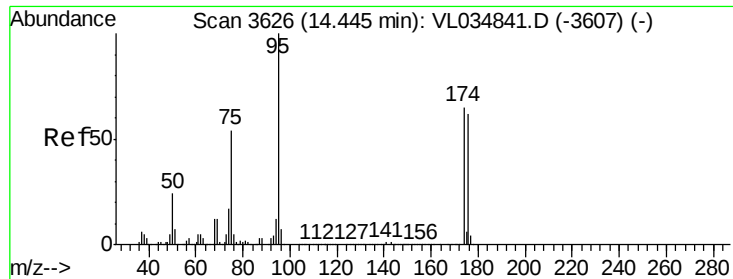
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2897
 Delta R.T. -0.01 min
 Lab File: VL034895.D
 Acq: 16 Mar 2020 18:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	70.4	51.1	76.7
119	32.6	27.3	40.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.362 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. -0.01 min
 Lab File: VL034895.D
 Acq: 16 Mar 2020 18:05

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-01DL

Tot Ion: 95 Resp: 1511226
 Ion Ratio Lower Upper
 95 100
 174 64.2 55.2 82.8
 175 4.9 4.3 6.5

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