

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031020\
 Data File : VL034872.D
 Acq On : 10 Mar 2020 18:57
 Operator : SY/AP
 Sample : L1861-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-1DL

Manual Integrations
 APPROVED

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Quant Time: Mar 11 14:53:09 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	5.66	49	887363	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1982257	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1928899	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1580641	10.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	13618	0.288	ppbv	85
13) Ethanol	3.59	45	20104m	1.397	ppbv	
15) Acetone	3.83	43	207188	1.801	ppbv	98
53) Toluene	9.82	91	47756	0.234	ppbv	97

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

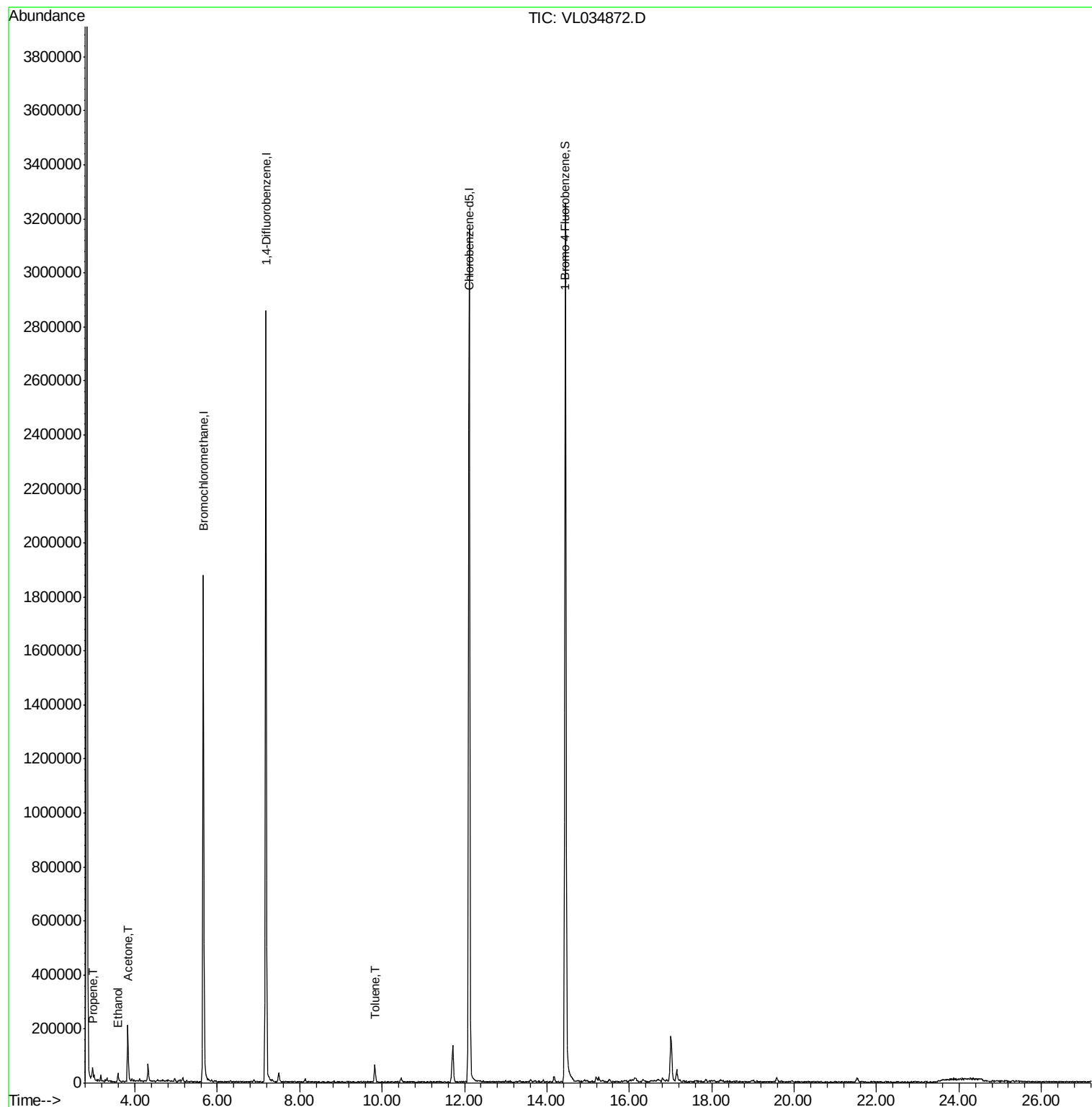
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031020\
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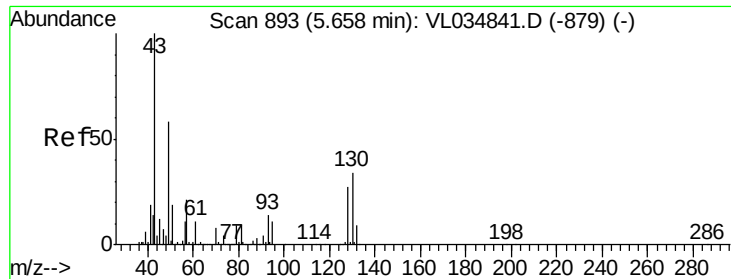
Instrument :
MSVOA_L
ClientSampleId :
NS-1DL

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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: 5.66 min Scan# 893

Delta R.T. -0.00 min

Lab File: VL034872.D

Acq: 10 Mar 2020 18:57

Instrument :

MSVOA_L

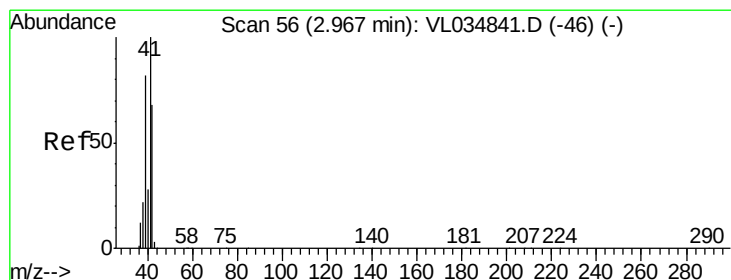
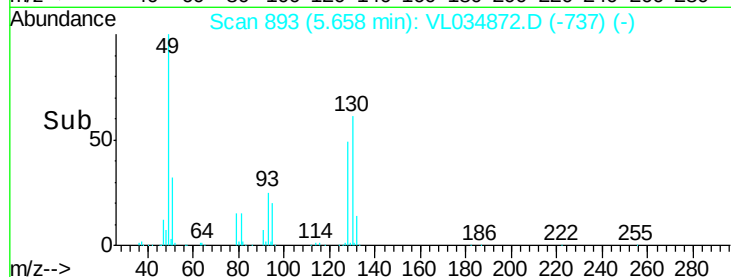
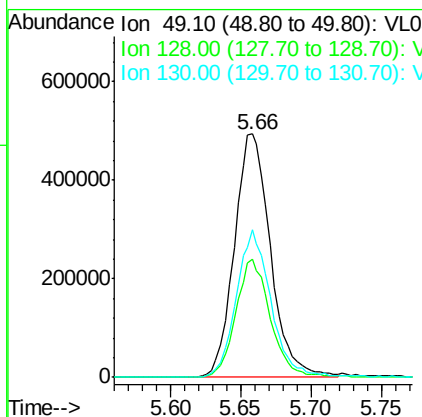
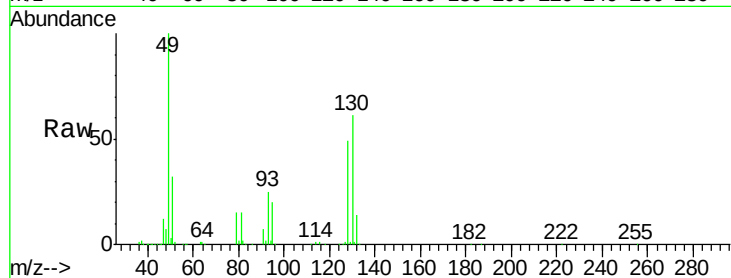
ClientSampled :

NS-1DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	47.4	23.4	70.3
130	59.0	30.0	90.0

Manual Integrations
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#9

Propene

Concen: 0.288 ppbv

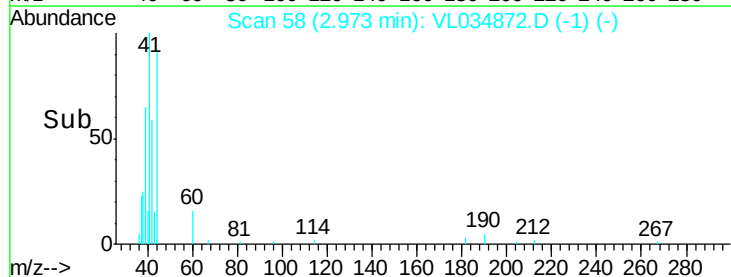
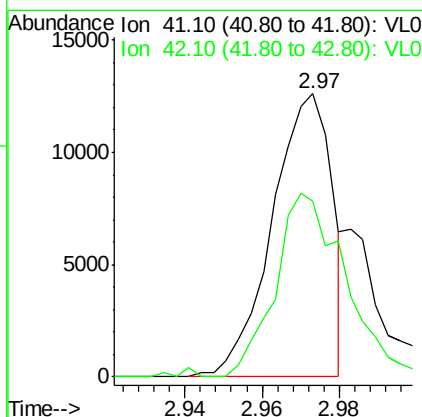
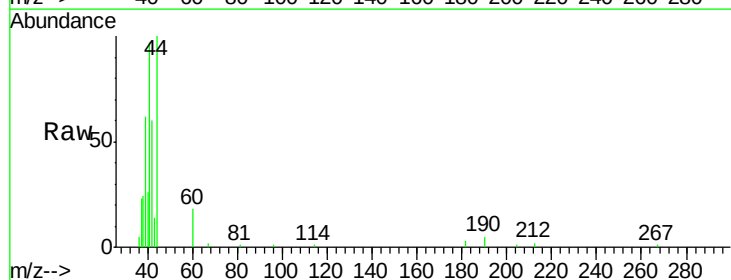
RT: 2.97 min Scan# 58

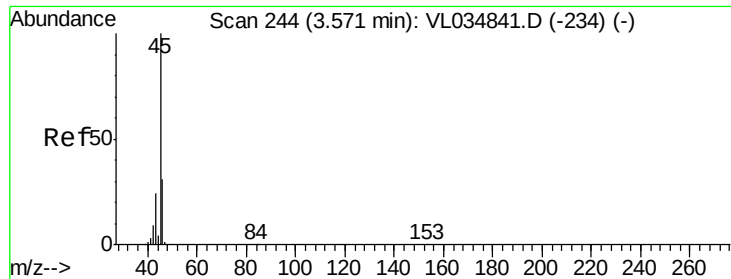
Delta R.T. 0.01 min

Lab File: VL034872.D

Acq: 10 Mar 2020 18:57

Tgt Ion	Ratio	Lower	Upper
41	100		
42	81.2	55.2	82.8





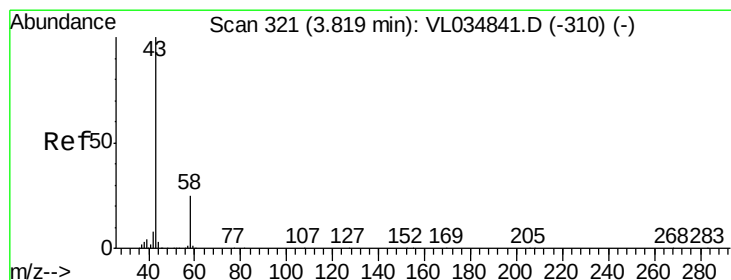
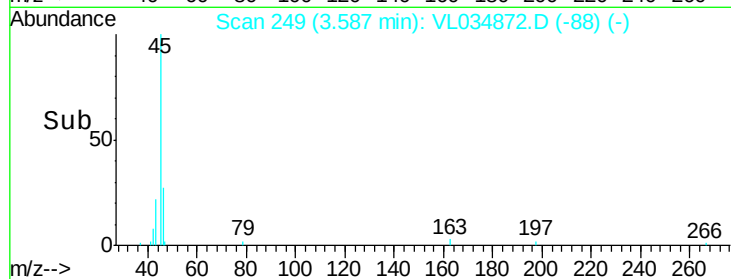
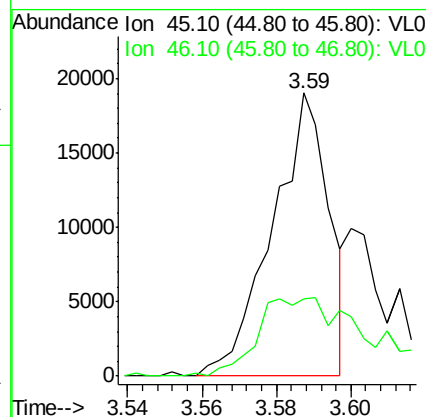
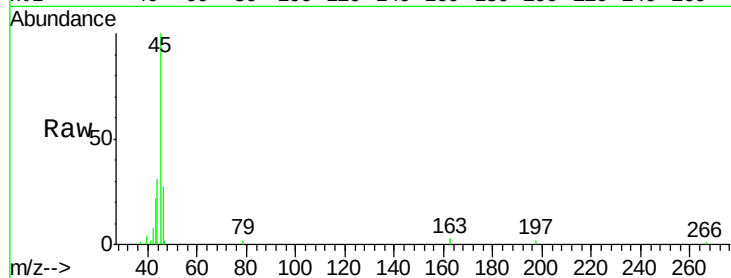
#13
Ethanol
Concen: 1.397 ppbv m
RT: 3.59 min Scan# 249
Delta R.T. 0.02 min
Lab File: VL034872.D
Acq: 10 Mar 2020 18:57

Instrument :
MSVOA_L
ClientSampled :
NS-1DL

Tot Ion: 45 Resp: 20104
Ion Ratio Lower Upper
45 100
46 54.1 16.0 64.0

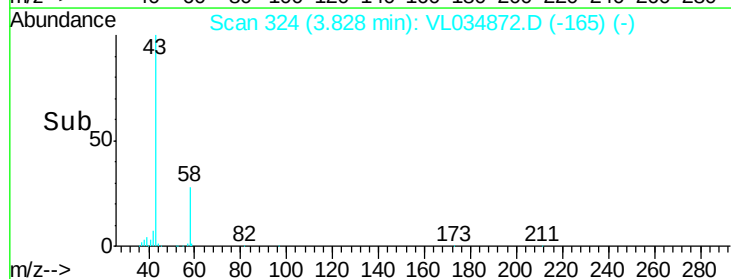
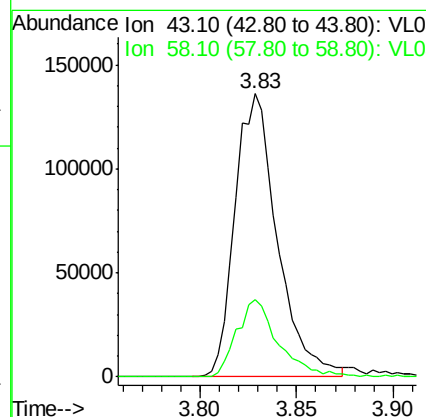
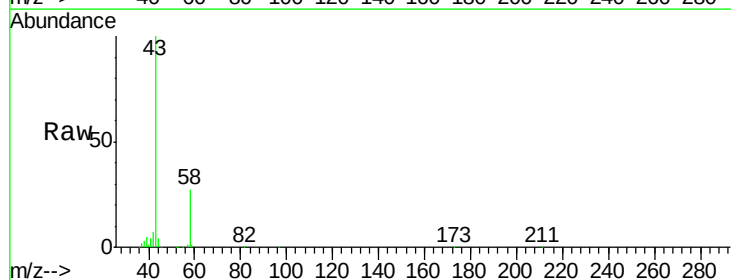
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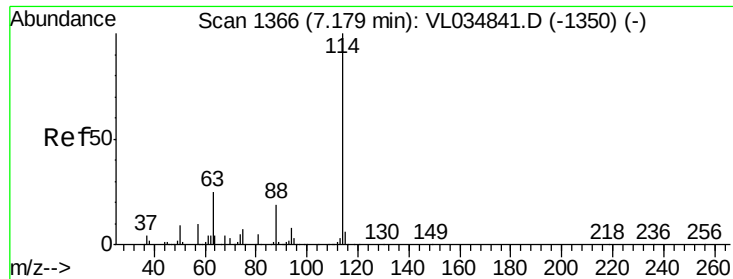
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#15
Acetone
Concen: 1.801 ppbv
RT: 3.83 min Scan# 324
Delta R.T. 0.01 min
Lab File: VL034872.D
Acq: 10 Mar 2020 18:57

Tgt Ion: 43 Resp: 207188
Ion Ratio Lower Upper
43 100
58 27.3 21.0 31.6





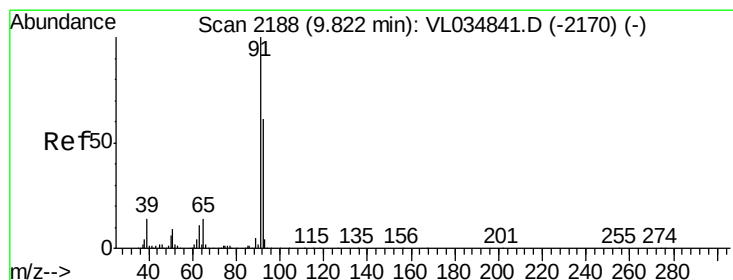
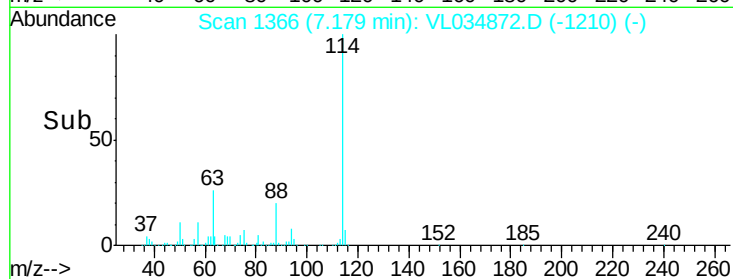
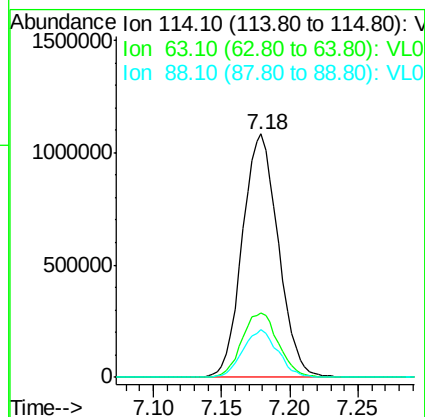
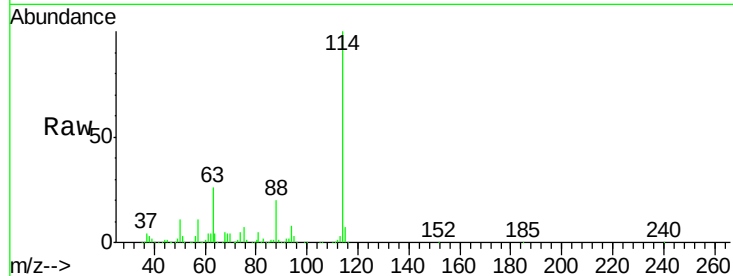
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: VL034872.D
 Acq: 10 Mar 2020 18:57

Instrument :
 MSVOA_L
 ClientSampled :
 NS-1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.9	20.6	31.0
88	19.0	15.0	22.6

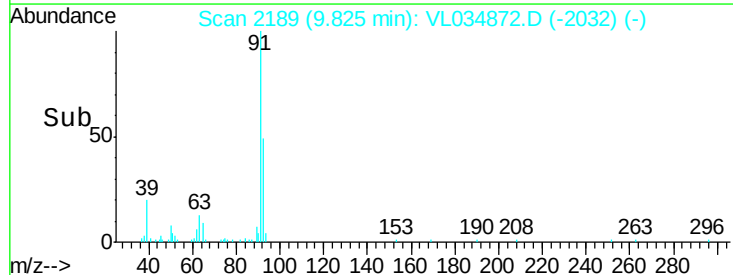
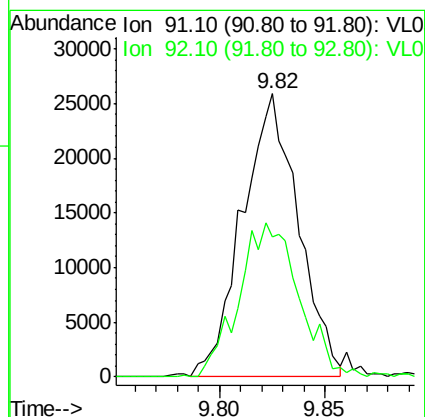
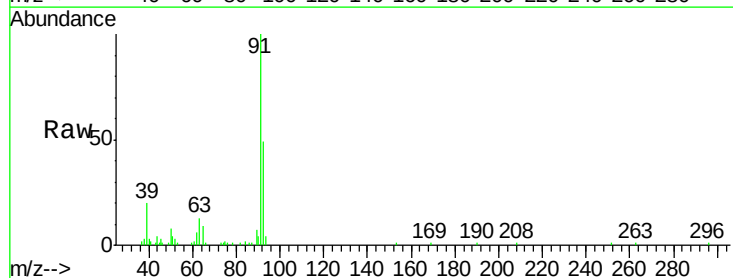
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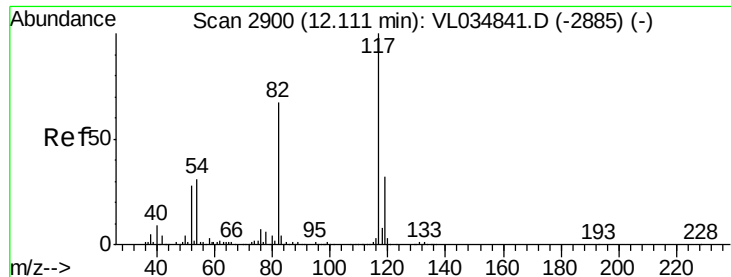
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#53
 Toluene
 Concen: 0.234 ppbv
 RT: 9.82 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: VL034872.D
 Acq: 10 Mar 2020 18:57

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.4	48.6	72.8





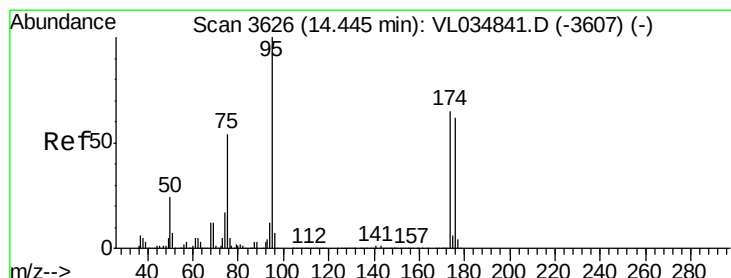
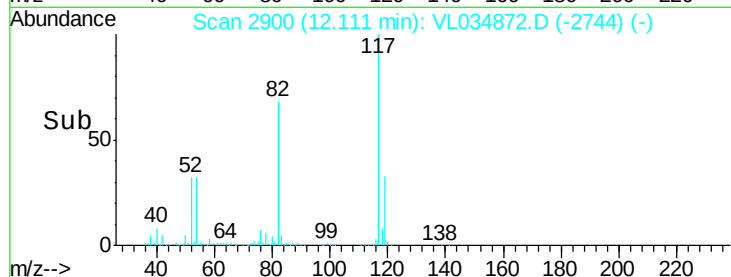
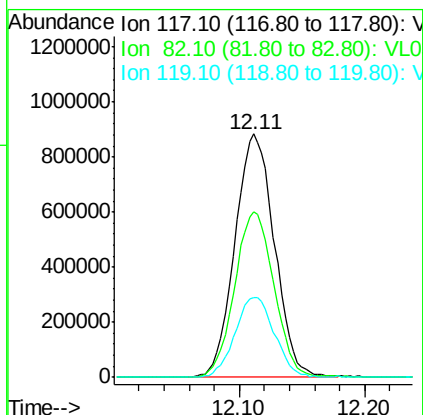
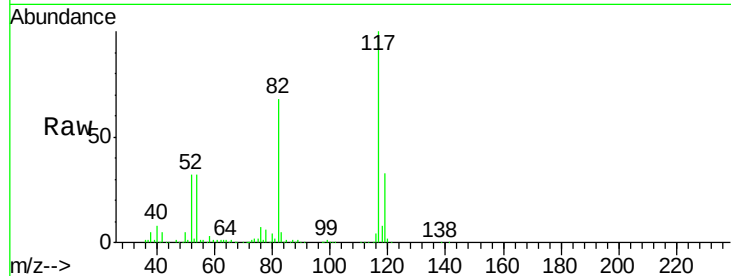
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL034872.D
Acq: 10 Mar 2020 18:57

Instrument :
MSVOA_L
ClientSampleId :
NS-1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.2	51.1	76.7
119	33.0	27.3	40.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.507 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL034872.D
Acq: 10 Mar 2020 18:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.1	55.2	82.8
175	5.1	4.3	6.5

