

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022620\
 Data File : VL034701.D
 Acq On : 26 Feb 2020 23:53
 Operator : SY/AP
 Sample : L1663-02DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-103DL2

Manual Integrations
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Quant Time: Feb 27 08:50:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 27 08:50:49 2020
 QLast Update : Wed Feb 26 06:58:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	981323	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	2083372	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.14	117	2072785	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.48	95	1711532	10.07	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	526219	37.628	ppbv	96
15) Acetone	3.84	43	94533	0.845	ppbv	96
17) tert-Butyl alcohol	4.30	59	15345	0.179	ppbv	97
19) Isopropyl Alcohol	3.96	45	171347	2.573	ppbv	99
20) Methylene Chloride	4.34	84	8757m	0.211	ppbv	
53) Toluene	9.85	91	18408m	0.096	ppbv	

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

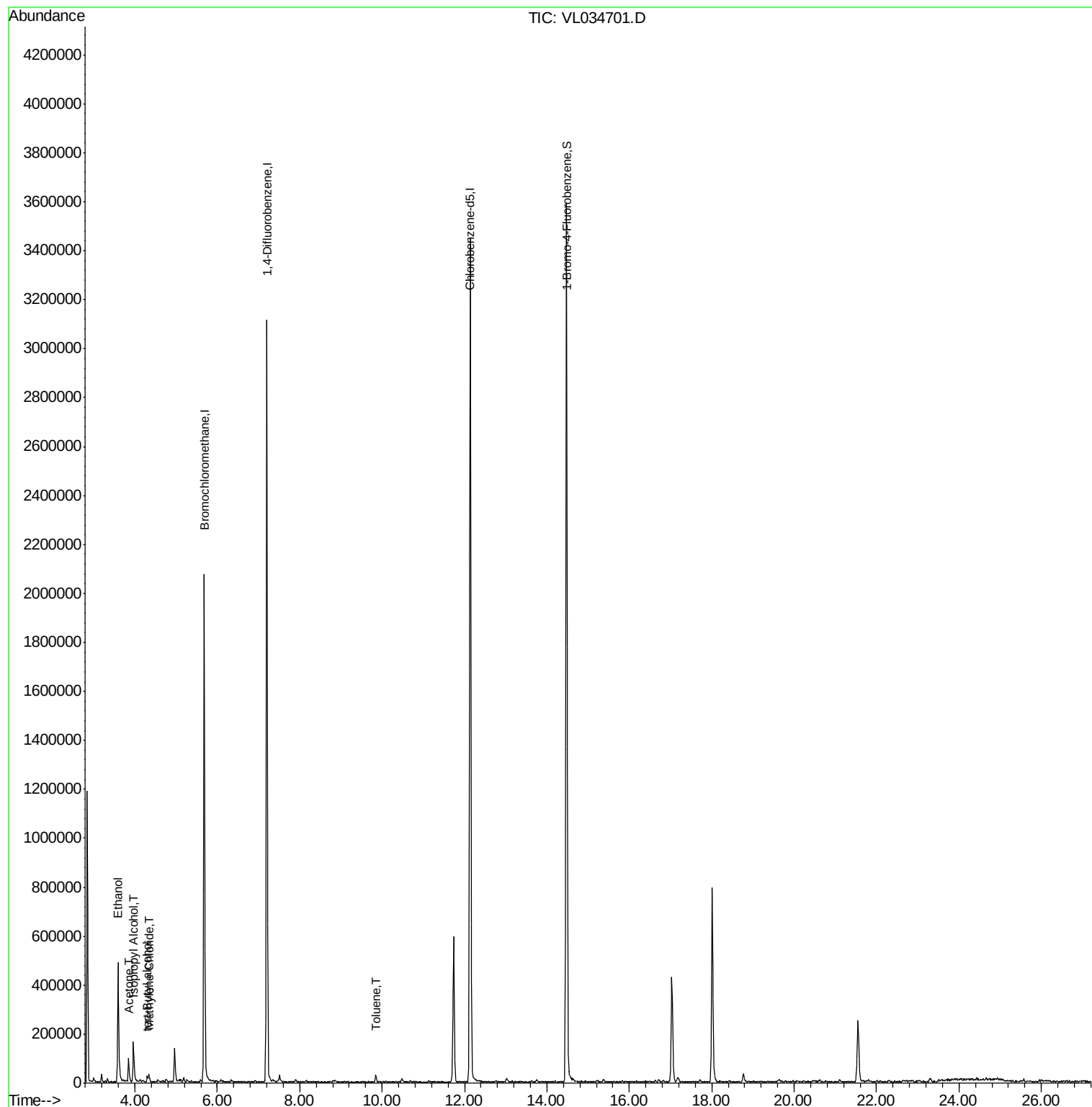
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022620\
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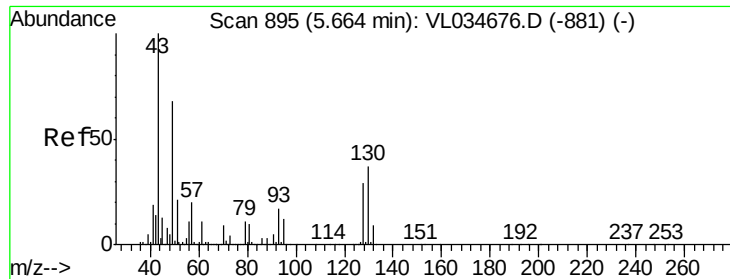
Instrument :
MSVOA_L
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QLast Update : Wed Feb 26 06:58:15 2020
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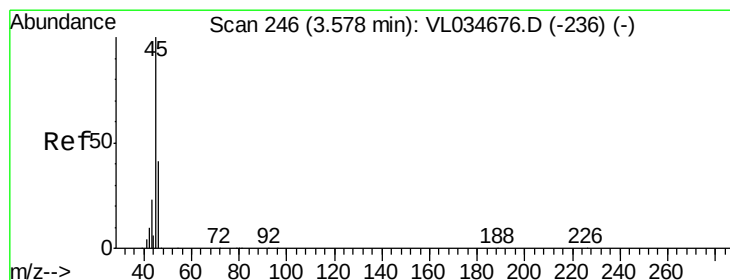
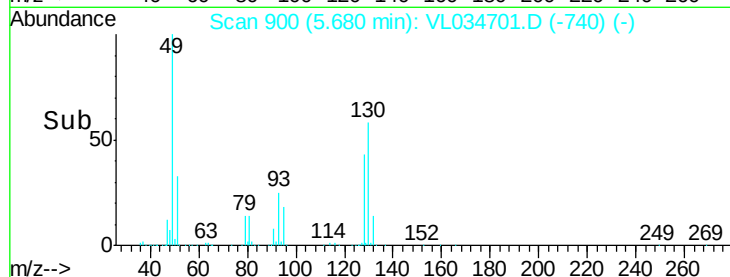
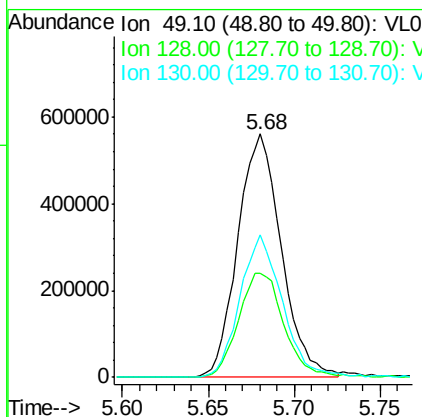
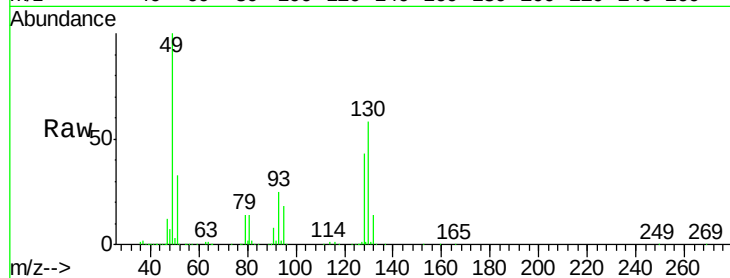
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.02 min
Lab File: VL034701.D
Acq: 26 Feb 2020 23:53

Instrument :
MSVOA_L
ClientSampleId :
EP-103DL2

Tot Ion	Ratio	Lower	Upper
49	100		
128	45.3	21.6	65.0
130	57.8	27.7	83.1

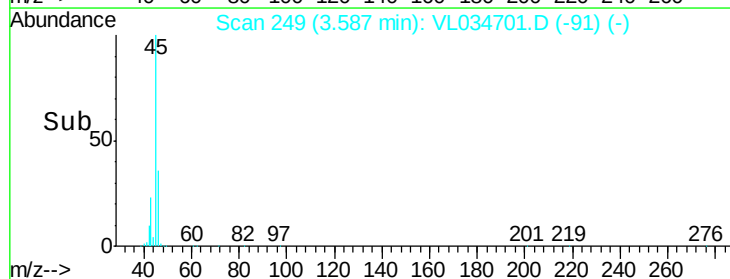
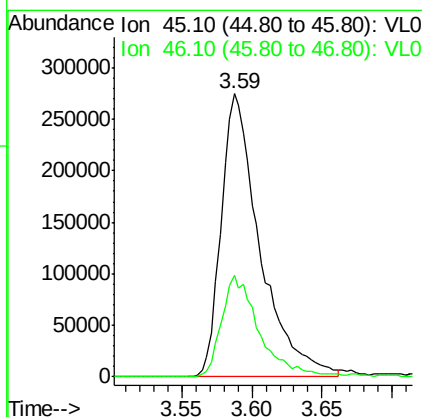
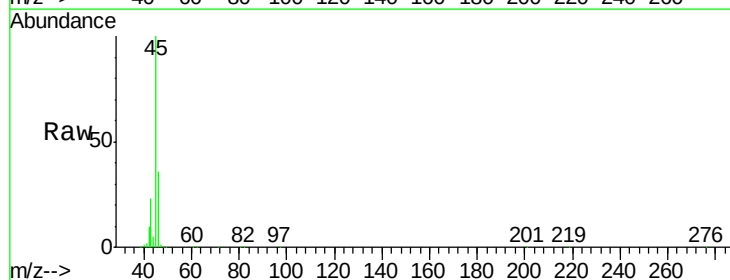
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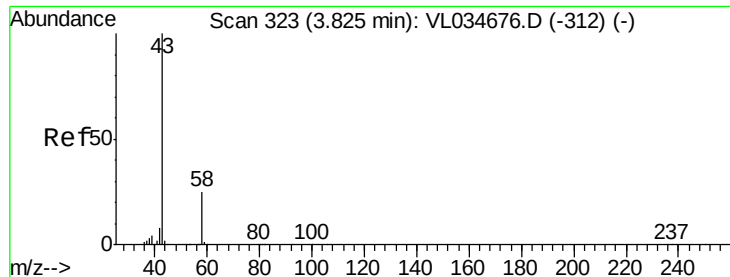
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#13
Ethanol
Concen: 37.628 ppbv
RT: 3.59 min Scan# 249
Delta R.T. 0.01 min
Lab File: VL034701.D
Acq: 26 Feb 2020 23:53

Tgt Ion	Ratio	Lower	Upper
45	100		
46	35.7	15.4	61.4





#15

Acetone

Concen: 0.845 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.02 min

Lab File: VL034701.D

Acq: 26 Feb 2020 23:53

Instrument :

MSVOA_L

ClientSampleId :

EP-103DL2

Tot Ion: 43 Resp: 94533

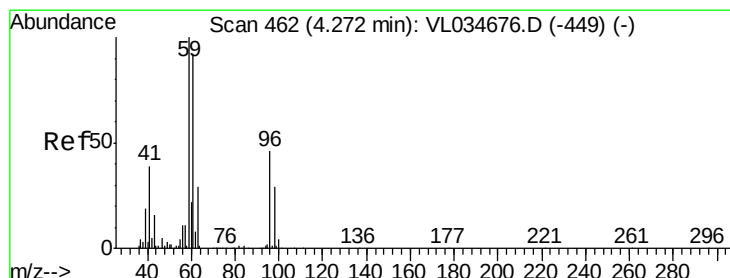
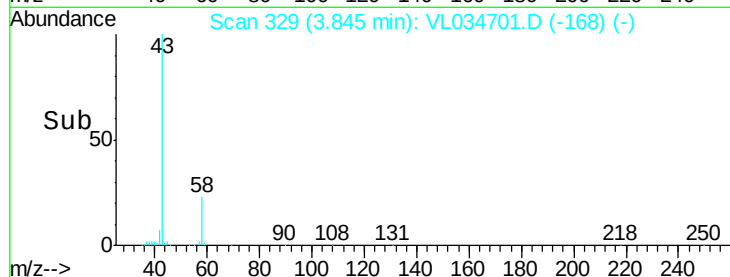
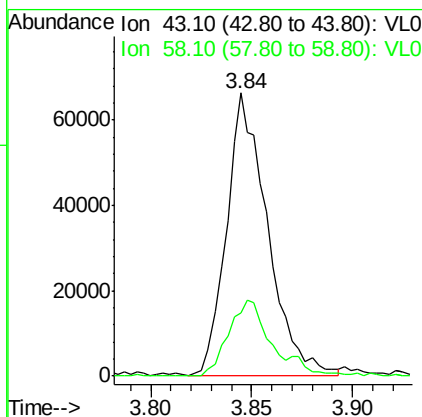
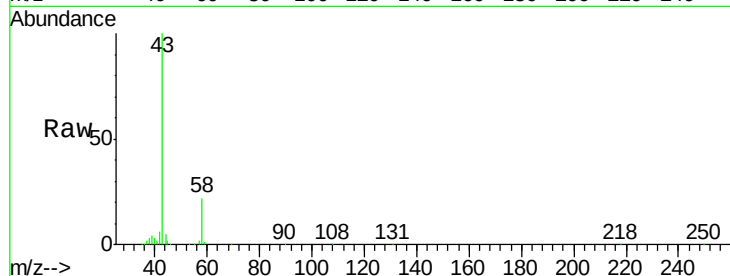
Ion Ratio Lower Upper

43 100

58 29.0 21.4 32.0

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#17

tert-Butyl alcohol

Concen: 0.179 ppbv

RT: 4.30 min Scan# 471

Delta R.T. 0.03 min

Lab File: VL034701.D

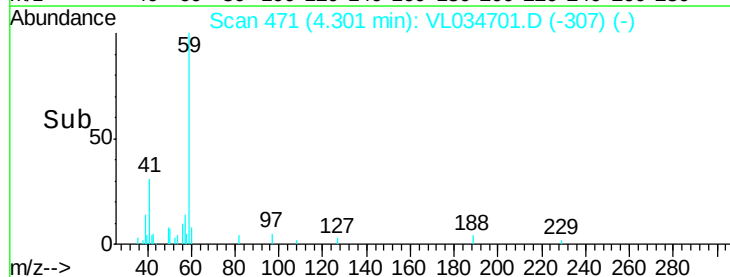
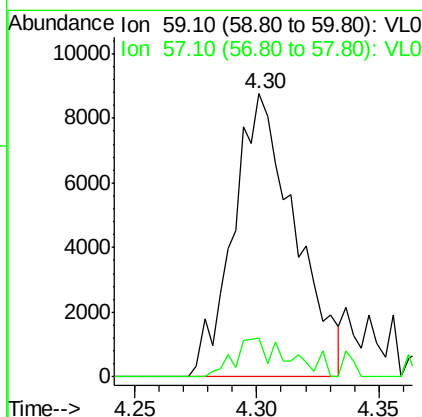
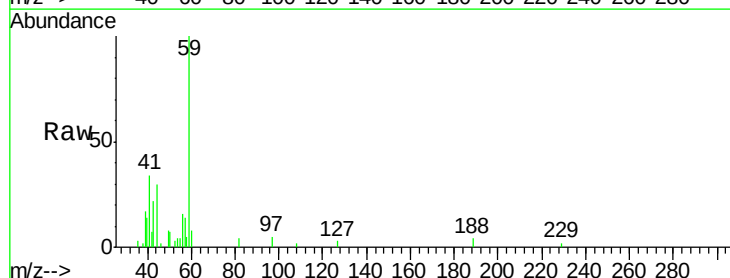
Acq: 26 Feb 2020 23:53

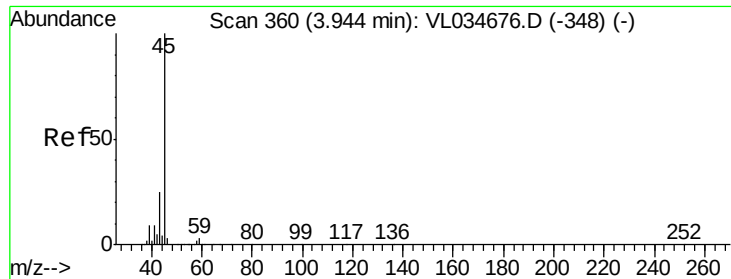
Tgt Ion: 59 Resp: 15345

Ion Ratio Lower Upper

59 100

57 12.0 8.8 13.2





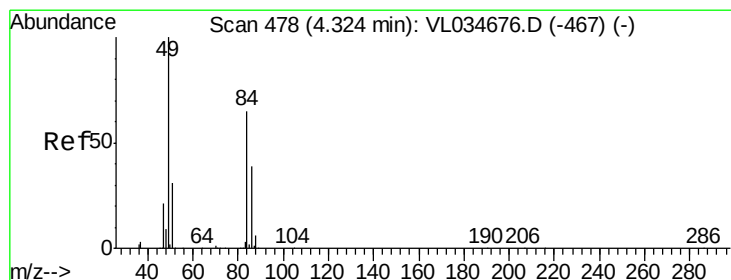
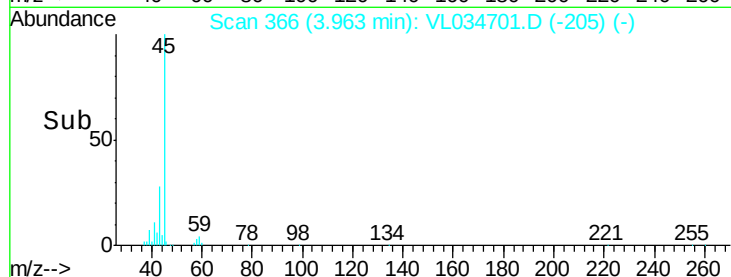
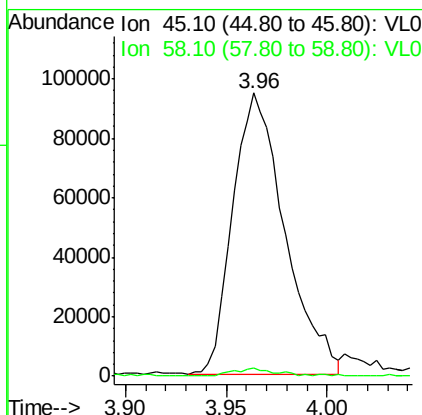
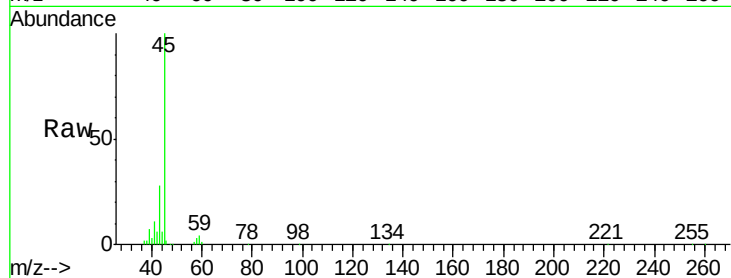
#19
Isopropyl Alcohol
Concen: 2.573 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.02 min
Lab File: VL034701.D
Acq: 26 Feb 2020 23:53

Instrument :
MSVOA_L
ClientSampled :
EP-103DL2

Tot Ion	Ratio	Lower	Upper
45	100		
58	2.6	1.8	2.6

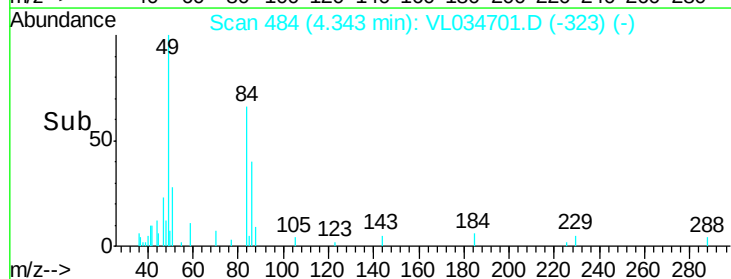
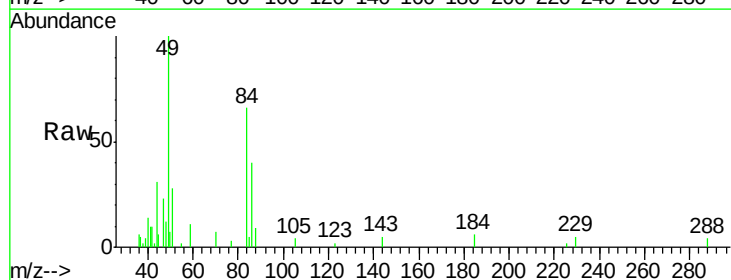
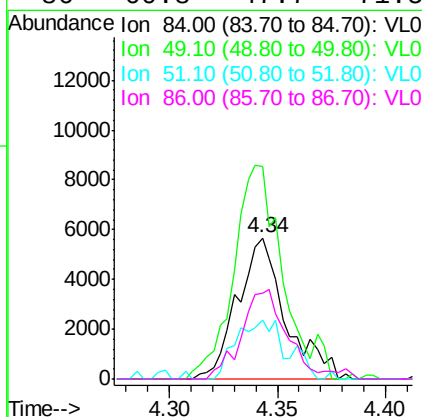
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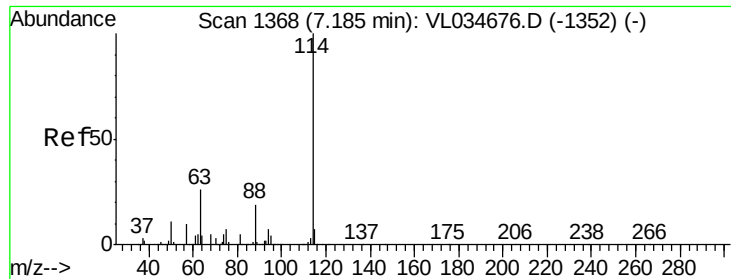
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#20
Methylene Chloride
Concen: 0.211 ppbv m
RT: 4.34 min Scan# 484
Delta R.T. 0.02 min
Lab File: VL034701.D
Acq: 26 Feb 2020 23:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	151.1	122.8	184.2
51	41.7	38.6	58.0
86	60.8	47.7	71.5





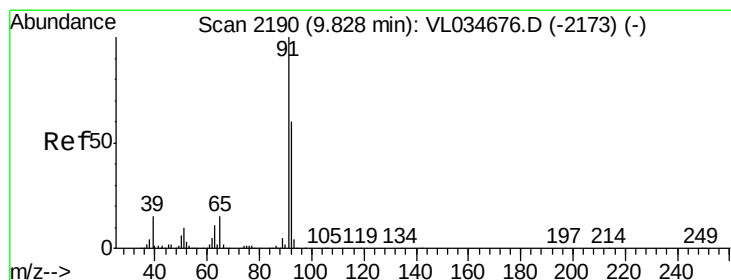
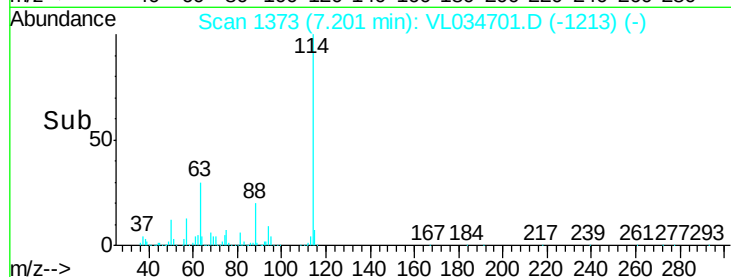
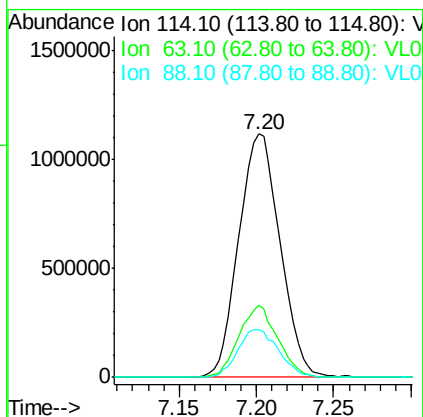
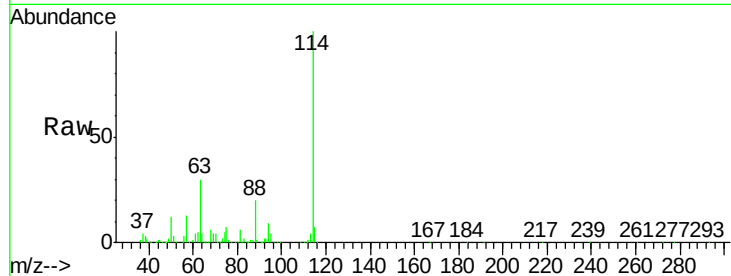
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. 0.02 min
 Lab File: VL034701.D
 Acq: 26 Feb 2020 23:53

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-103DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.9	34.3
88	19.5	15.8	23.6

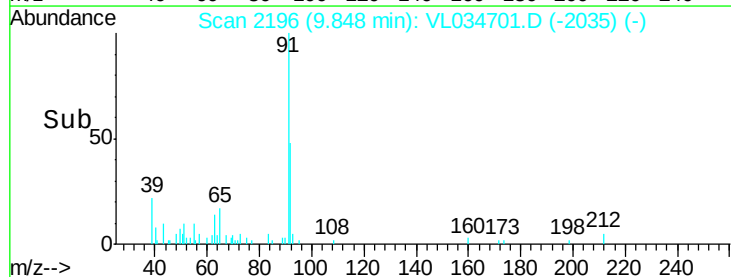
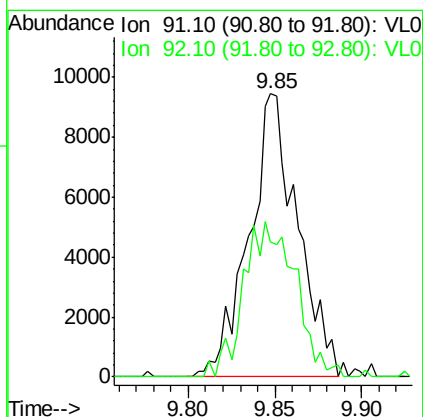
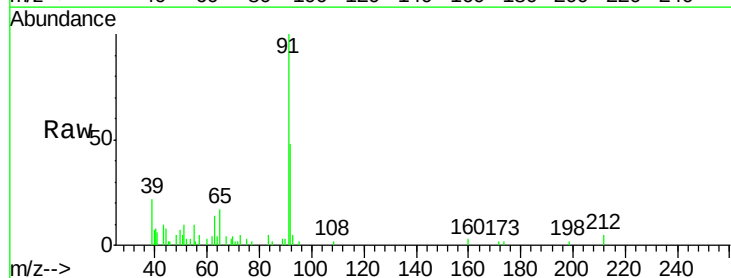
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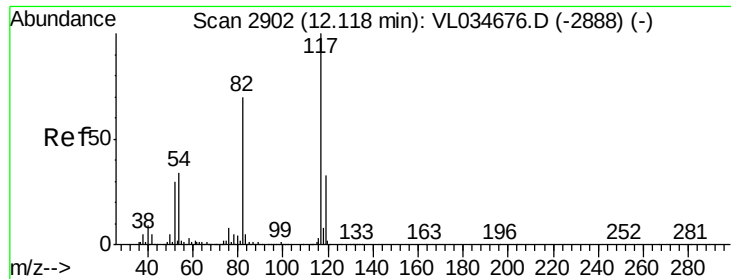
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#53
 Toluene
 Concen: 0.096 ppbv m
 RT: 9.85 min Scan# 2196
 Delta R.T. 0.02 min
 Lab File: VL034701.D
 Acq: 26 Feb 2020 23:53

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.6	48.5	72.7





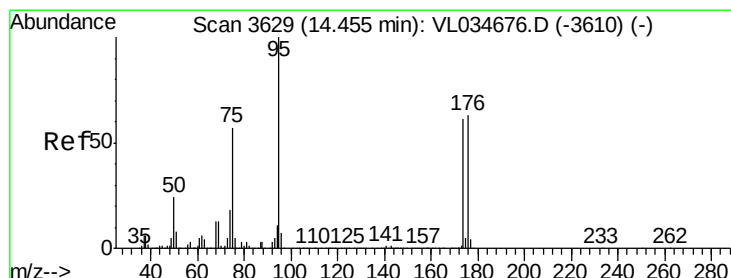
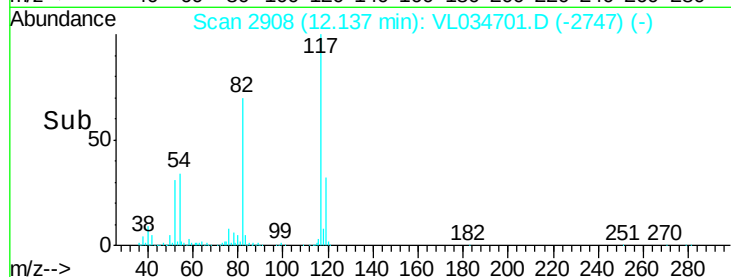
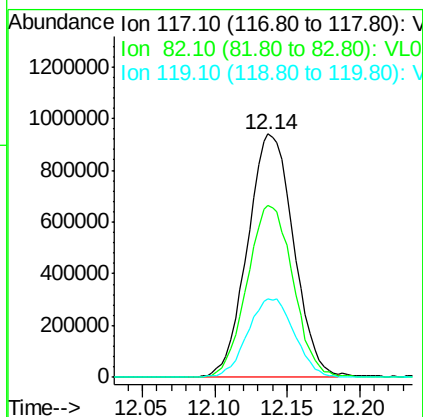
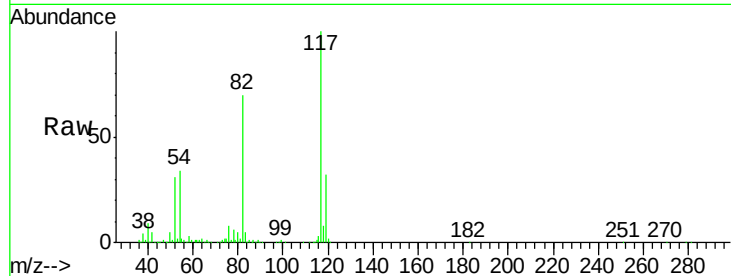
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. 0.02 min
Lab File: VL034701.D
Acq: 26 Feb 2020 23:53

Instrument :
MSVOA_L
ClientSampleId :
EP-103DL2

Tot Ion:117 Resp: 2072785
Ion Ratio Lower Upper
117 100
82 71.3 54.1 81.1
119 33.1 27.6 41.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.070 ppbv
RT: 14.48 min Scan# 3636
Delta R.T. 0.02 min
Lab File: VL034701.D
Acq: 26 Feb 2020 23:53

Tgt Ion: 95 Resp: 1711532
Ion Ratio Lower Upper
95 100
174 63.9 50.7 76.1
175 4.8 3.9 5.9

