

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031620\
 Data File : VL034910.D
 Acq On : 17 Mar 2020 3:54
 Operator : SY/AP
 Sample : L1924-08DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FD-01DL

Manual Integrations
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Quant Time: Mar 17 12:09:38 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	835153	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1822686	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1751580	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1415637	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.57	45	68985	5.094	ppbv	99
15) Acetone	3.82	43	212934	1.967	ppbv	100
19) Isopropyl Alcohol	3.96	45	17420	0.255	ppbv #	1
38) Trichloroethene	7.83	130	35898	0.582	ppbv	92
53) Toluene	9.81	91	17872m	0.095	ppbv	

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

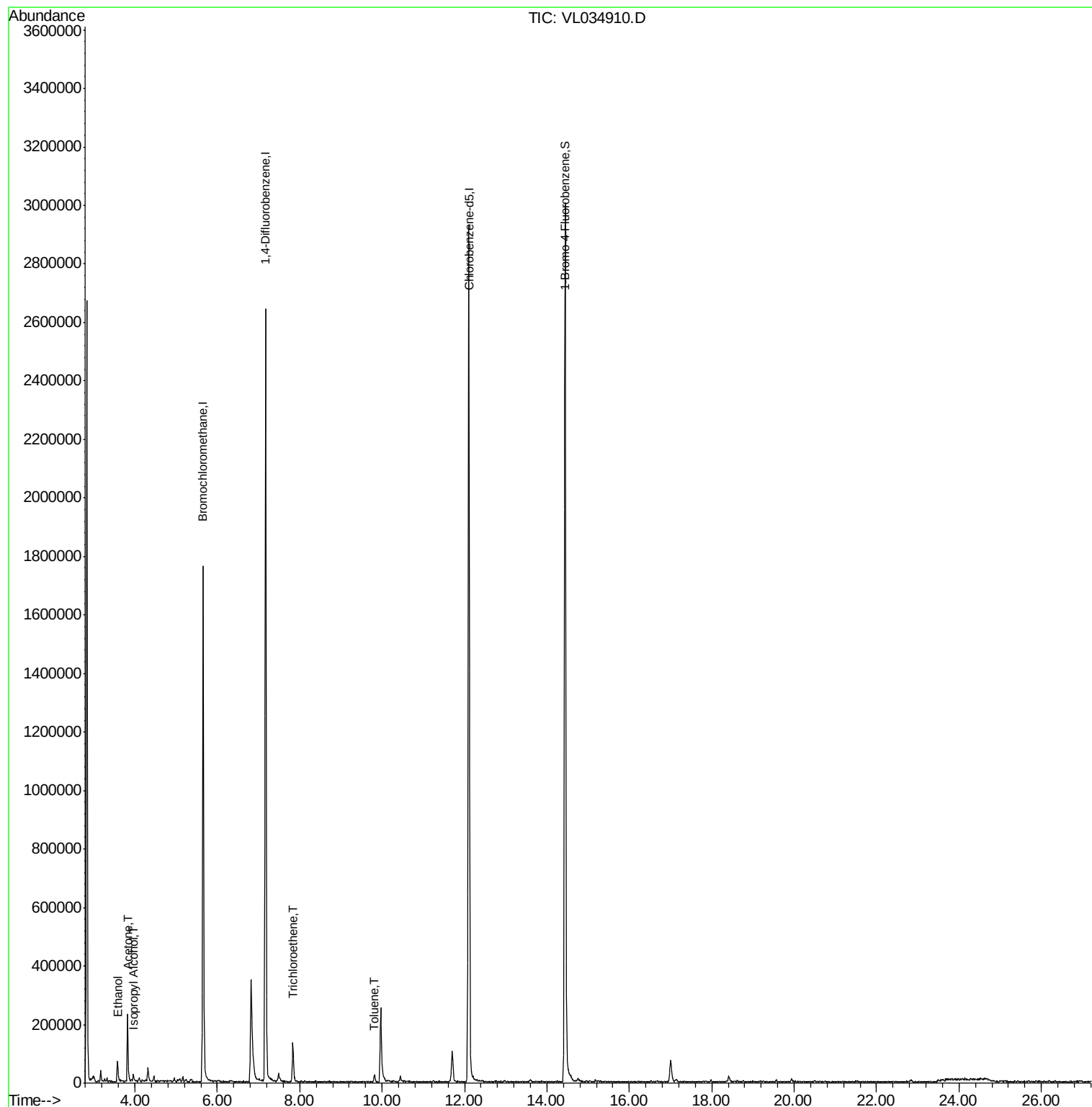
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031620\
Data File : VL034910.D
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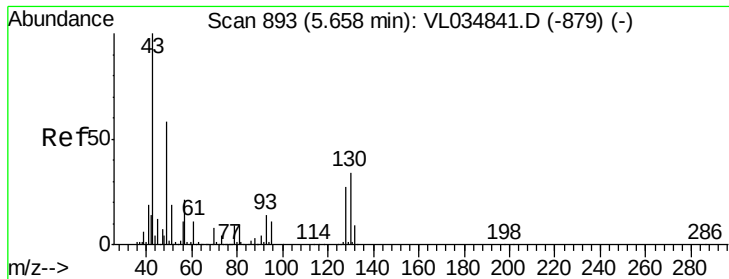
Instrument :
MSVOA_L
ClientSampleId :
FD-01DL

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Quant Time: Mar 17 12:09:38 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: VL034910.D

Acq: 17 Mar 2020 3:54

Instrument :

MSVOA_L

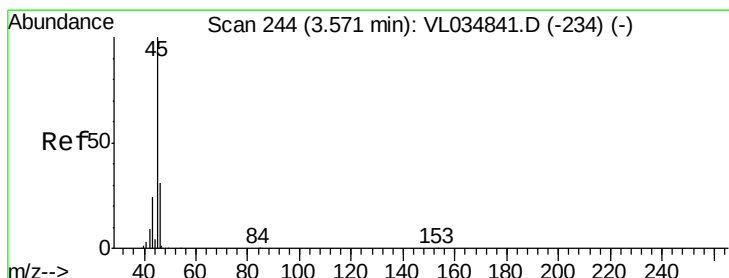
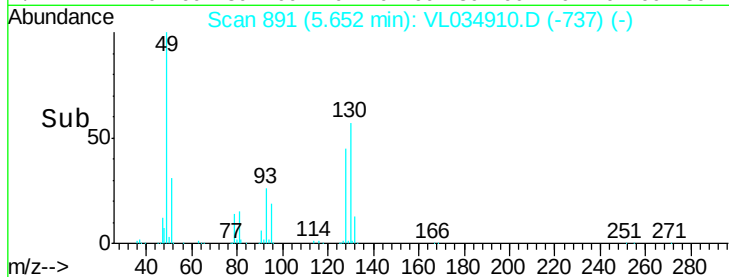
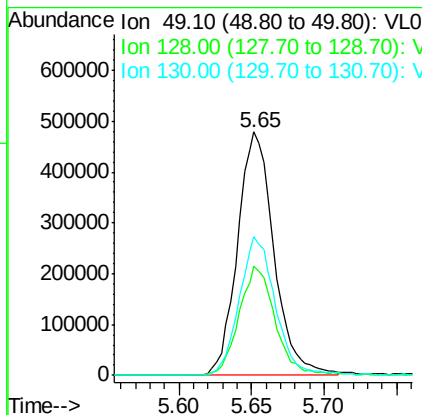
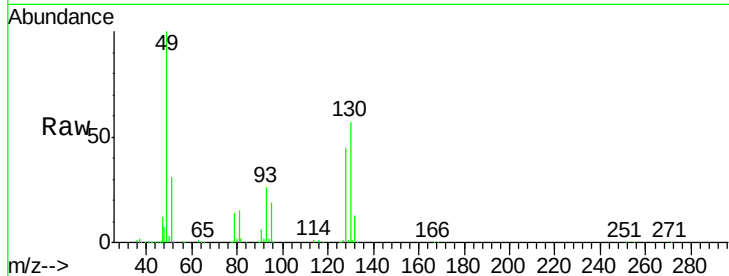
ClientSampled :

FD-01DL

Tot Ion: 49 Resp: 835153
 Ion Ratio Lower Upper
 49 100
 128 44.6 23.4 70.3
 130 56.7 30.0 90.0

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#13

Ethanol

Concen: 5.094 ppbv

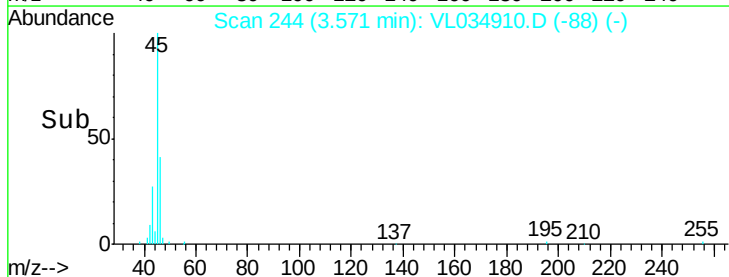
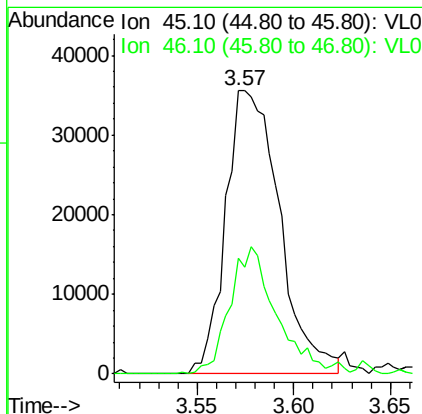
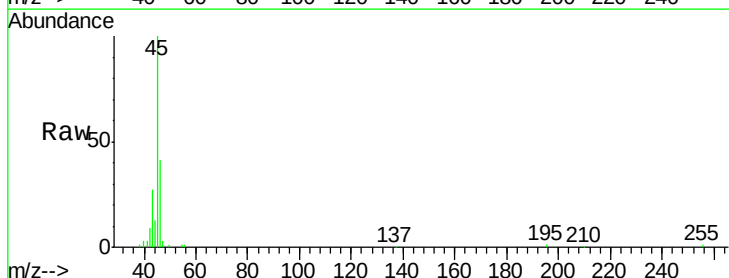
RT: 3.57 min Scan# 244

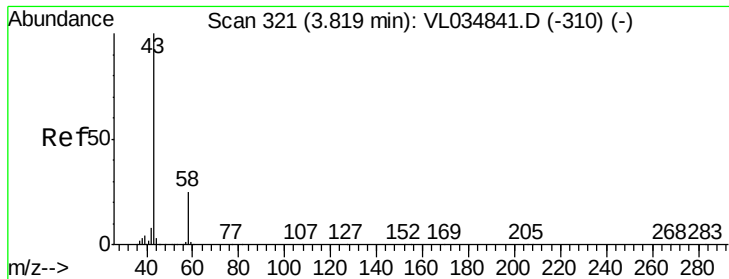
Delta R.T. 0.00 min

Lab File: VL034910.D

Acq: 17 Mar 2020 3:54

Tgt Ion: 45 Resp: 68985
 Ion Ratio Lower Upper
 45 100
 46 39.3 16.0 64.0





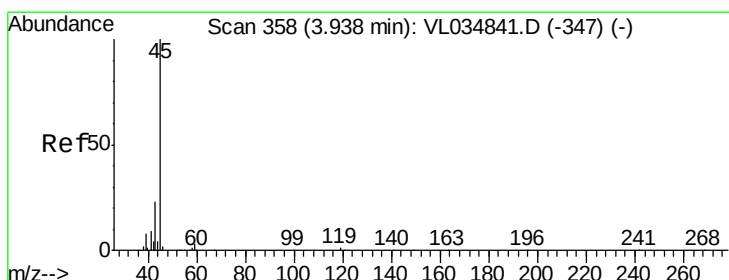
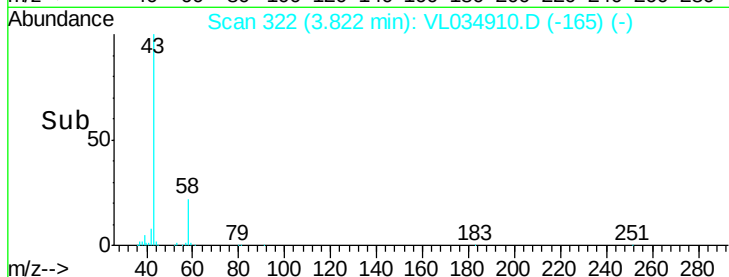
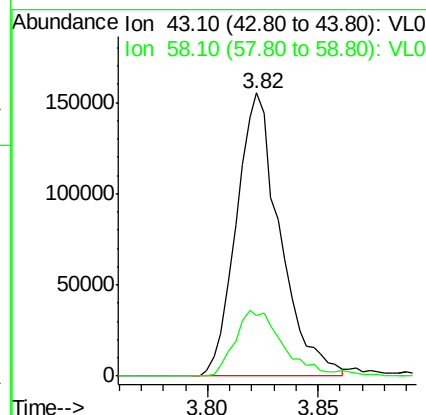
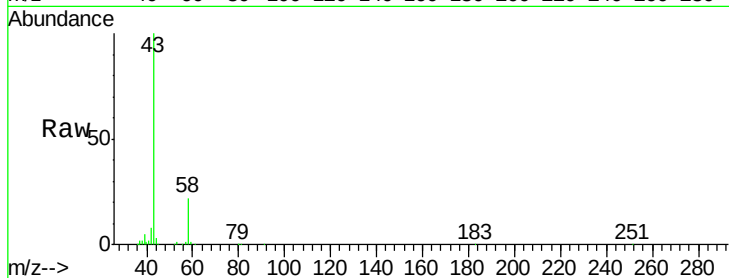
#15
Acetone
Concen: 1.967 ppbv
RT: 3.82 min Scan# 322
Delta R.T. 0.00 min
Lab File: VL034910.D
Acq: 17 Mar 2020 3:54

Instrument :
MSVOA_L
ClientSampled :
FD-01DL

Tot Ion: 43 Resp: 212934
Ion Ratio Lower Upper
43 100
58 26.4 21.0 31.6

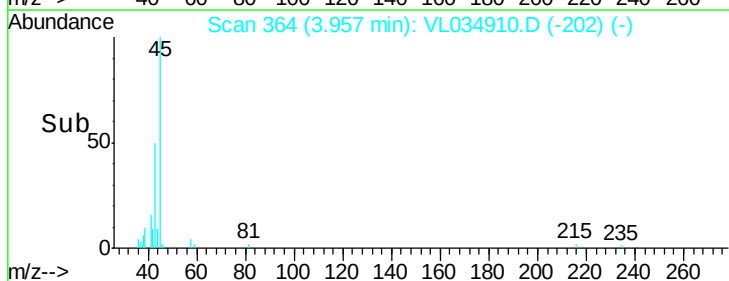
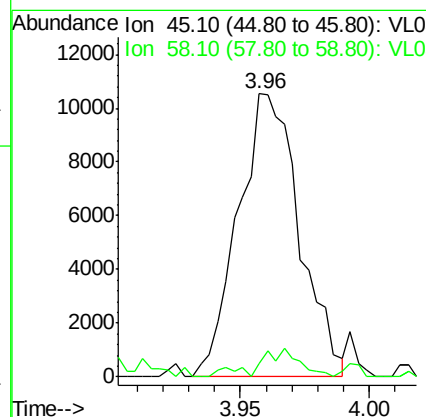
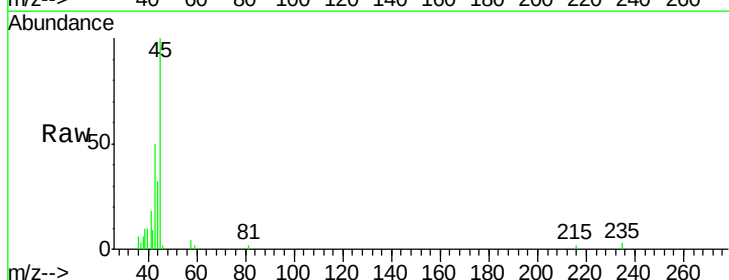
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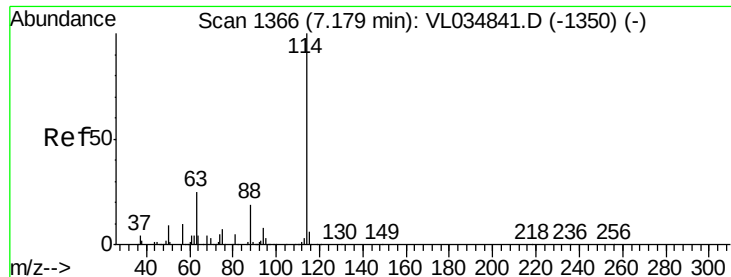
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#19
Isopropyl Alcohol
Concen: 0.255 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.02 min
Lab File: VL034910.D
Acq: 17 Mar 2020 3:54

Tgt Ion: 45 Resp: 17420
Ion Ratio Lower Upper
45 100
58 327.2 30.5 45.7#





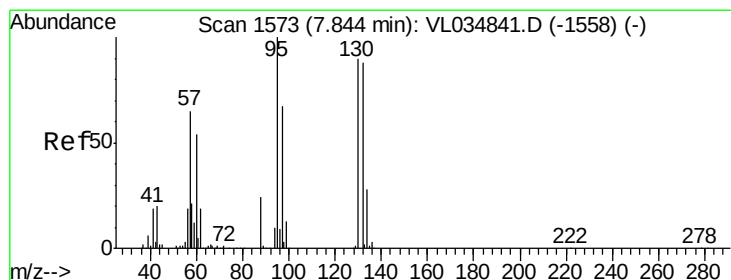
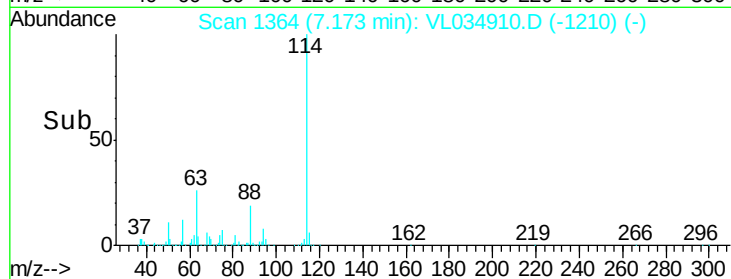
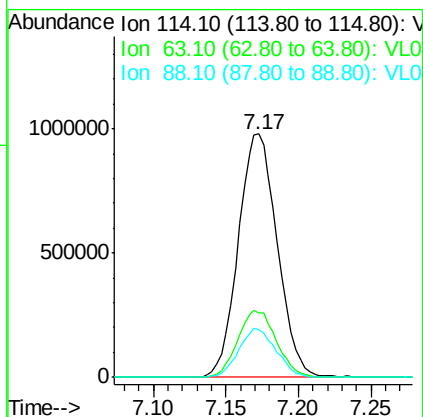
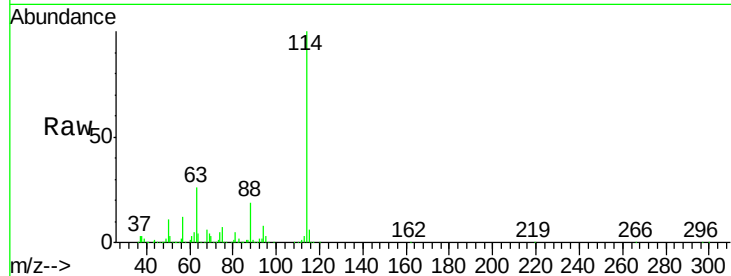
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL034910.D
Acq: 17 Mar 2020 3:54

Instrument :
MSVOA_L
ClientSampleId :
FD-01DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.4	20.6	31.0
88	19.3	15.0	22.6

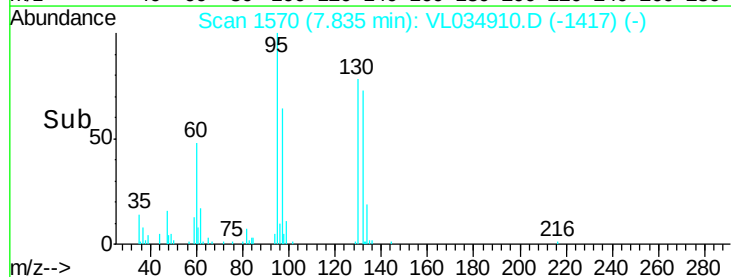
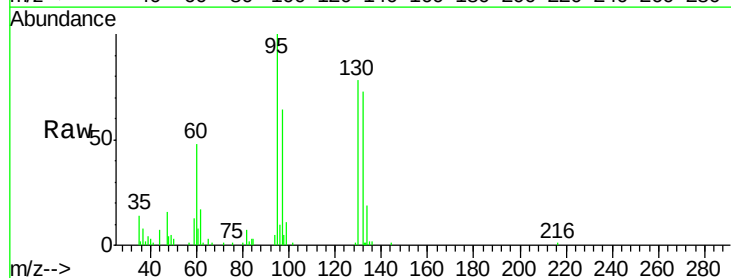
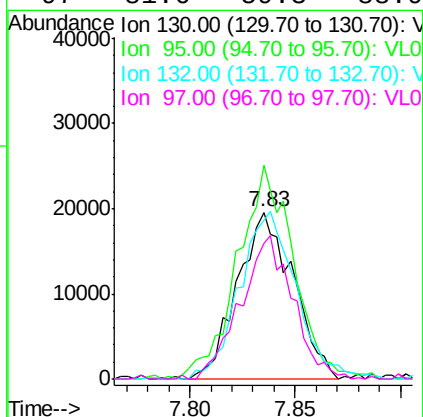
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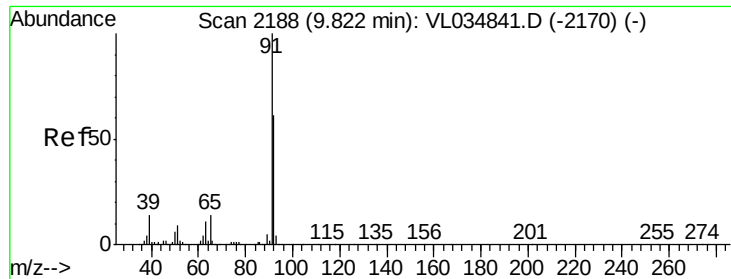
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#38
Trichloroethene
Concen: 0.582 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VL034910.D
Acq: 17 Mar 2020 3:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	123.8	88.5	132.7
132	95.0	78.0	117.0
97	81.6	59.3	88.9





#53

Toluene

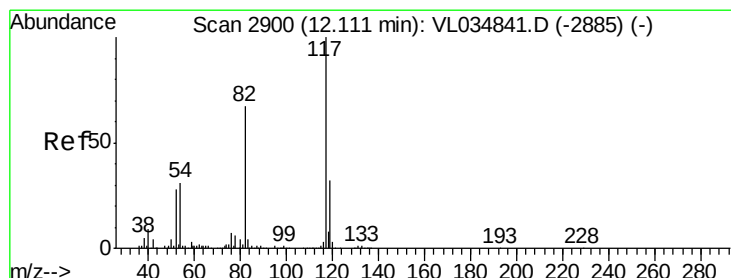
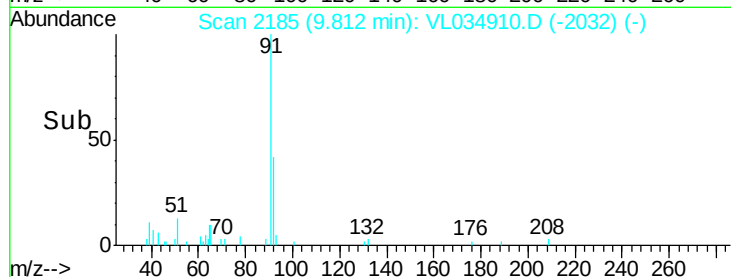
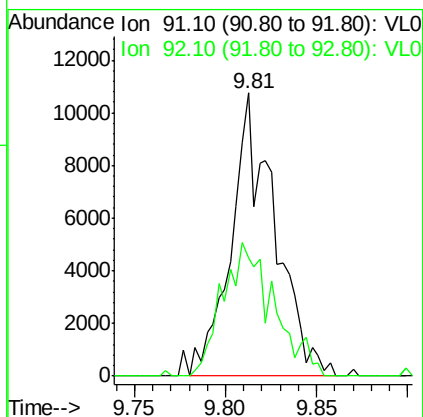
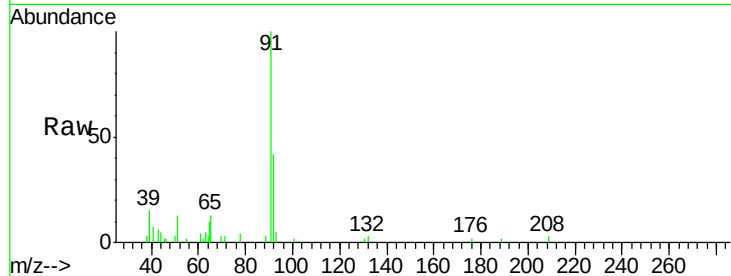
Concen: 0.095 ppbv m
RT: 9.81 min Scan# 2185
Delta R.T. -0.01 min
Lab File: VL034910.D
Acq: 17 Mar 2020 3:54

Instrument :
MSVOA_L
ClientSampleId :
FD-01DL

Tot Ion: 91 Resp: 17872
Ion Ratio Lower Upper
91 100
92 55.6 48.6 72.8

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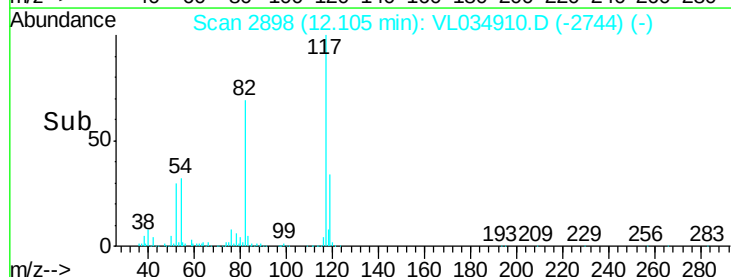
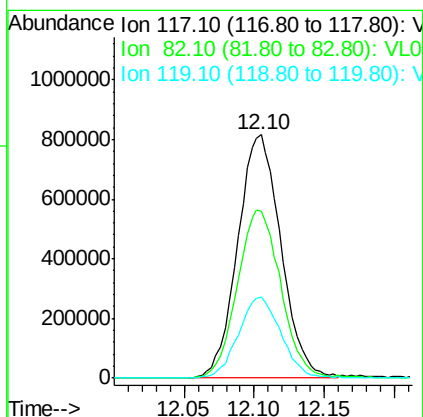
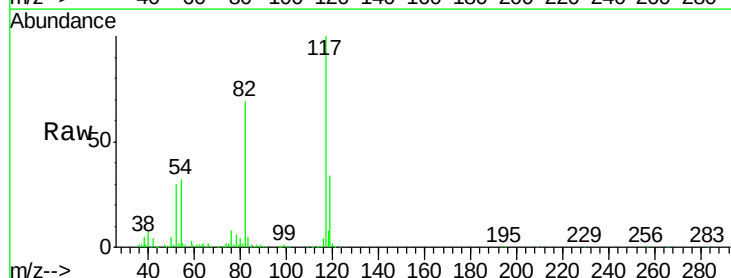


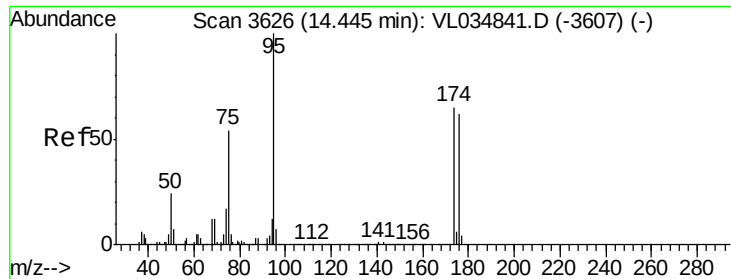
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034910.D
Acq: 17 Mar 2020 3:54

Tgt Ion: 117 Resp: 1751580
Ion Ratio Lower Upper
117 100
82 70.0 51.1 76.7
119 33.0 27.3 40.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.363 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. -0.01 min
 Lab File: VL034910.D
 Acq: 17 Mar 2020 3:54

Instrument :
 MSVOA_L
 ClientSampleId :
 FD-01DL

Tot Ion: 95 Resp: 1415637
 Ion Ratio Lower Upper
 95 100
 174 64.7 55.2 82.8
 175 4.7 4.3 6.5

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