

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036094.D
 Acq On : 8 Dec 2020 10:19
 Operator : SY/AP
 Sample : L4949-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Manual Integrations
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 12/10/2020 9:53:59 AM

Quant Time: Dec 08 10:53:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1230958	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2687737	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2359149	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2018331	10.77	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	9262	0.132	ppbv	95
13) Ethanol	3.62	45	12472m	1.286	ppbv	
15) Acetone	3.87	43	151169	1.022	ppbv #	88
20) Methylene Chloride	4.35	84	31488	0.519	ppbv #	83
26) Hexane	5.70	57	35155m	0.264	ppbv	
53) Toluene	9.82	91	109648	0.429	ppbv	95
58) Ethyl Benzene	12.73	91	38832m	0.120	ppbv	
59) m/p-Xylene	12.99	91	101536m	0.373	ppbv	
60) o-Xylene	13.72	91	33710m	0.131	ppbv	

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

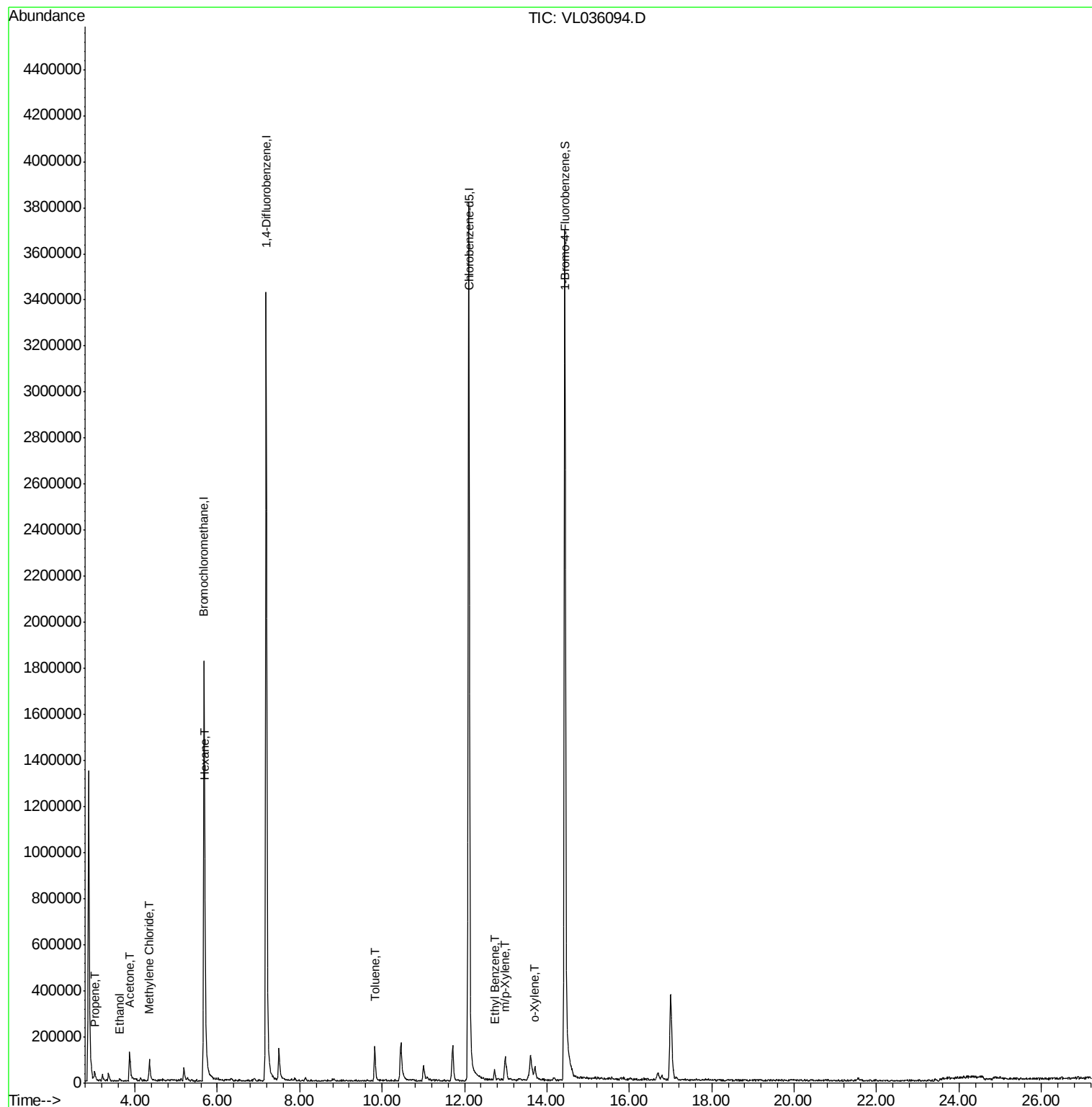
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Data File : VL036094.D
Acq On : 8 Dec 2020 10:19
Operator : SY/AP
Sample : L4949-01DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

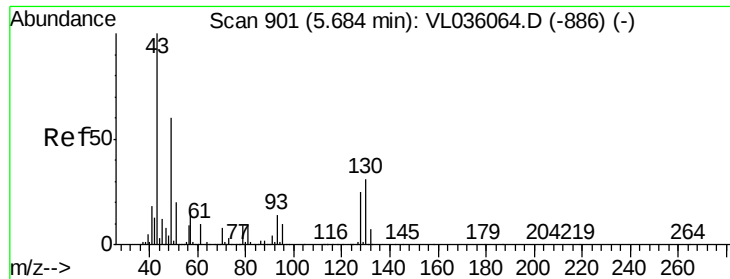
Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

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Quant Time: Dec 08 10:53:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
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Response via : Initial Calibration





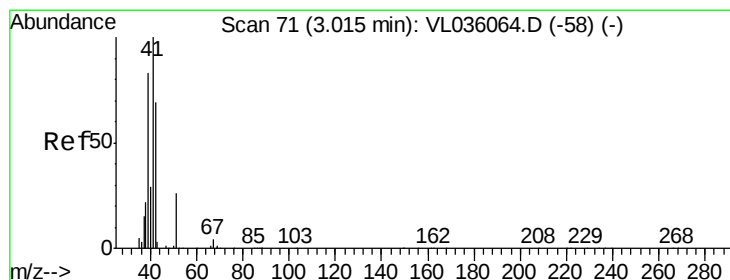
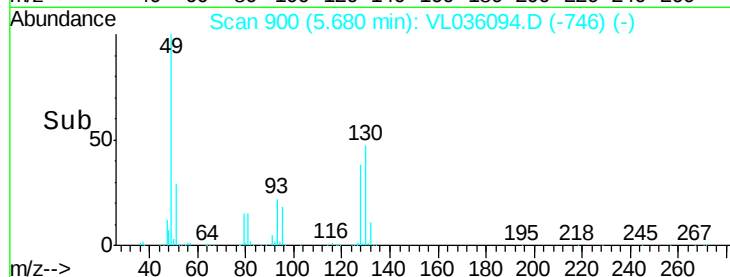
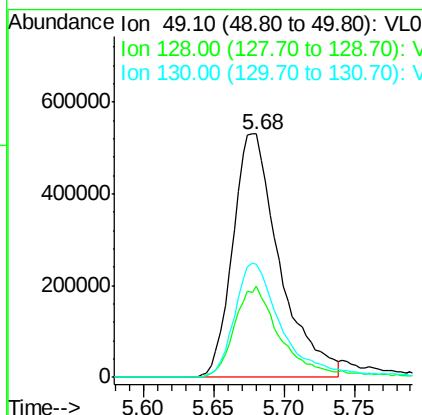
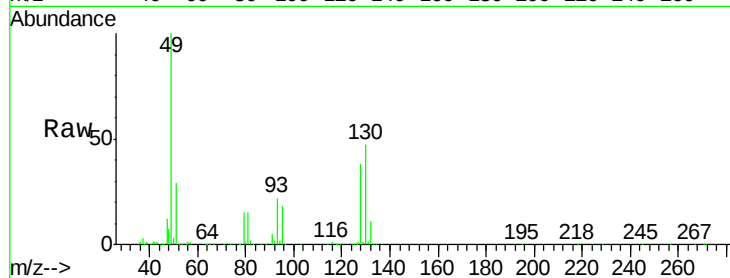
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL036094.D
Acq: 8 Dec 2020 10:19

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tot Ion: 49 Resp: 1230958
Ion Ratio Lower Upper
49 100
128 38.8 21.1 63.1
130 49.3 27.1 81.3

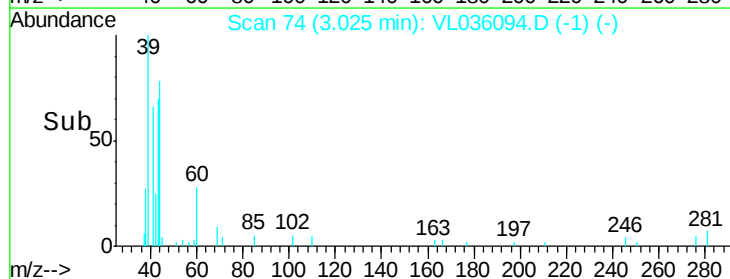
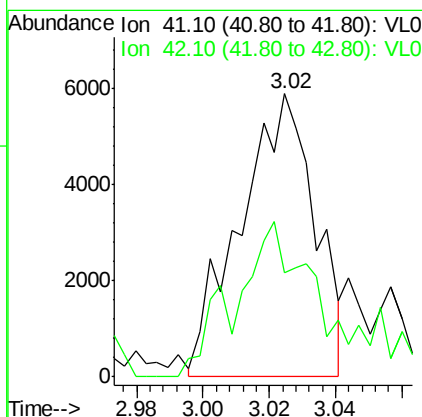
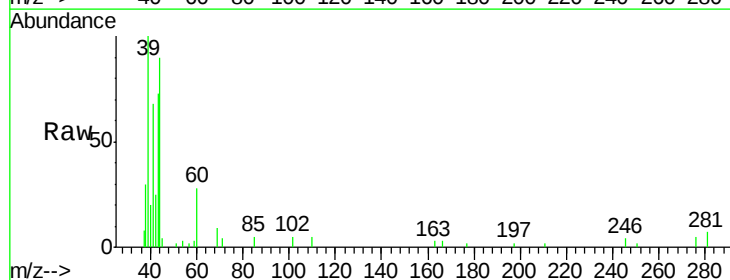
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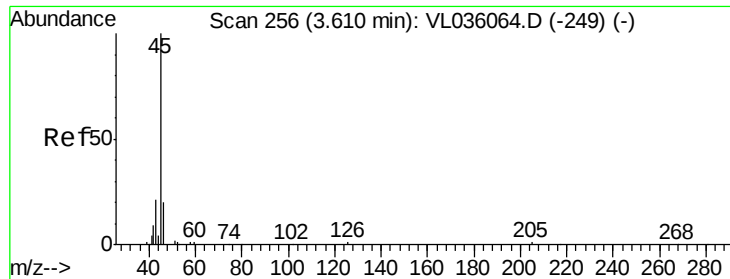
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#9
Propene
Concen: 0.132 ppbv
RT: 3.02 min Scan# 74
Delta R.T. 0.01 min
Lab File: VL036094.D
Acq: 8 Dec 2020 10:19

Tgt Ion: 41 Resp: 9262
Ion Ratio Lower Upper
41 100
42 75.2 57.0 85.6





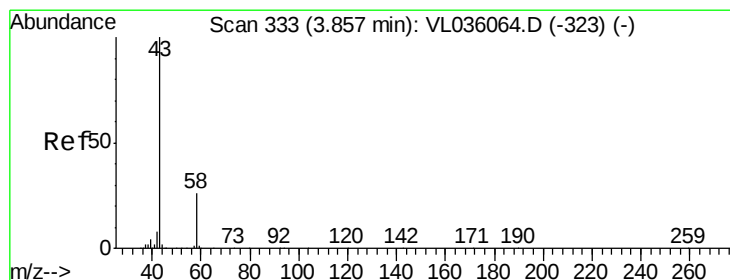
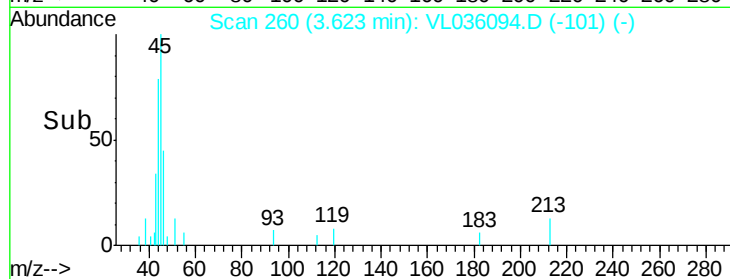
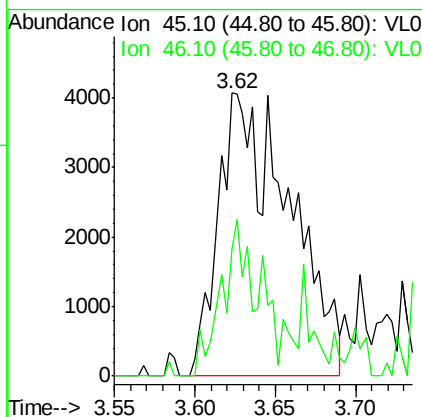
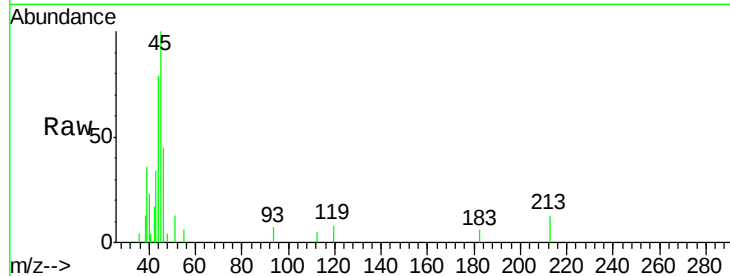
#13
Ethanol
Concen: 1.286 ppbv m
RT: 3.62 min Scan# 260
Delta R.T. 0.01 min
Lab File: VL036094.D
Acq: 8 Dec 2020 10:19

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tot Ion: 45 Resp: 12472
Ion Ratio Lower Upper
45 100
46 0.0 19.0 75.8#

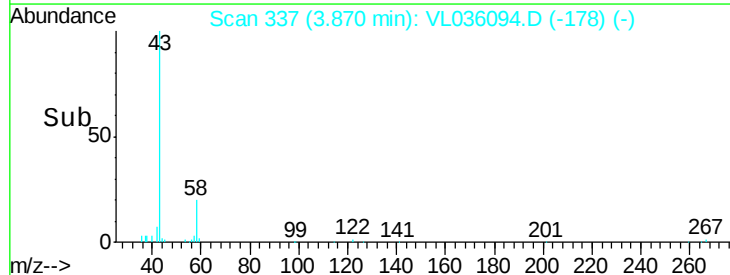
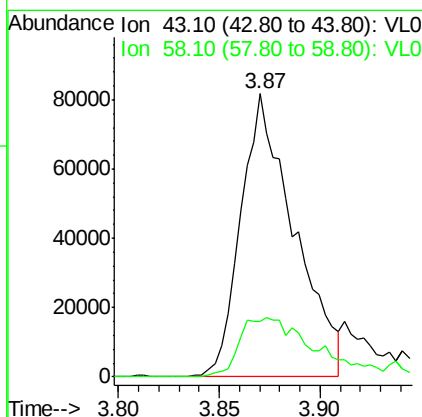
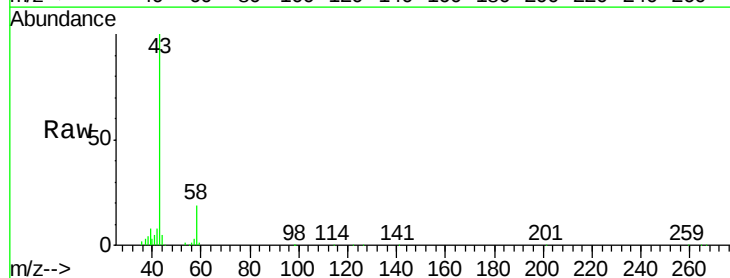
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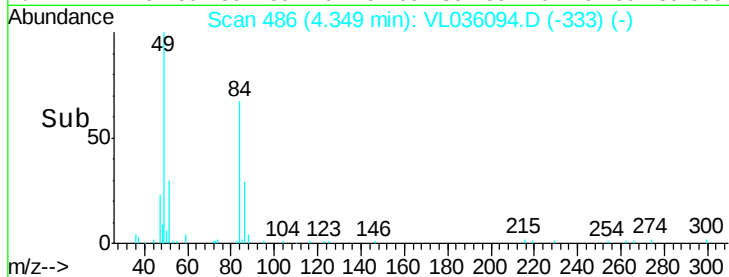
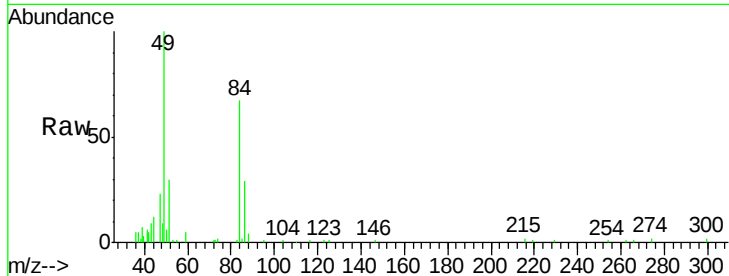
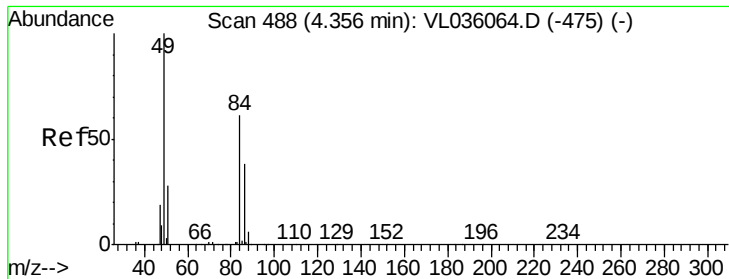
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#15
Acetone
Concen: 1.022 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.01 min
Lab File: VL036094.D
Acq: 8 Dec 2020 10:19

Tgt Ion: 43 Resp: 151169
Ion Ratio Lower Upper
43 100
58 32.2 20.9 31.3#





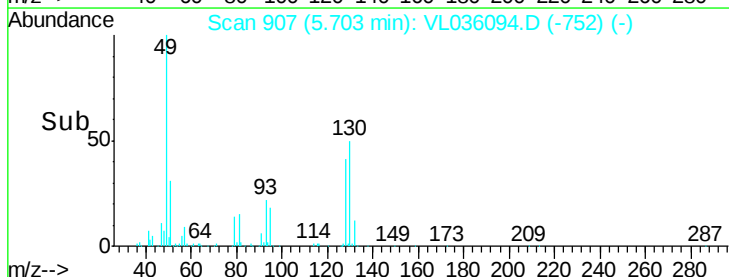
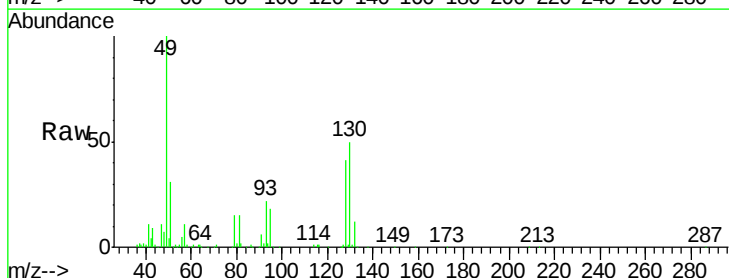
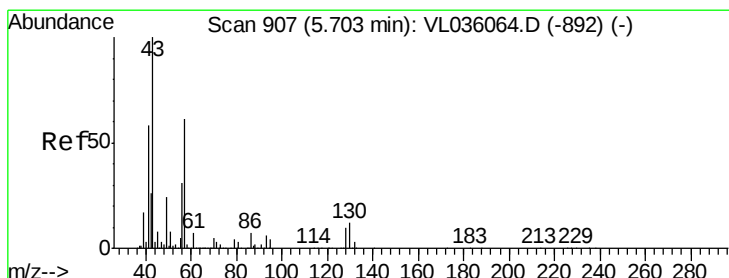
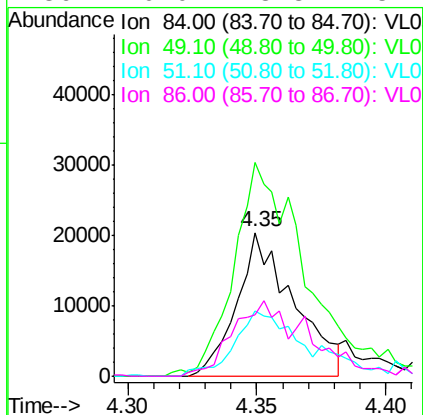
#20
Methvlene Chloride
Concen: 0.519 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL036094.D
Acq: 8 Dec 2020 10:19

Tot Ion	84	Resp	31488
Ion Ratio	Lower	Upper	
84	100		
49	146.0	133.0	199.4
51	41.1	38.9	58.3
86	40.0	48.8	73.2#

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

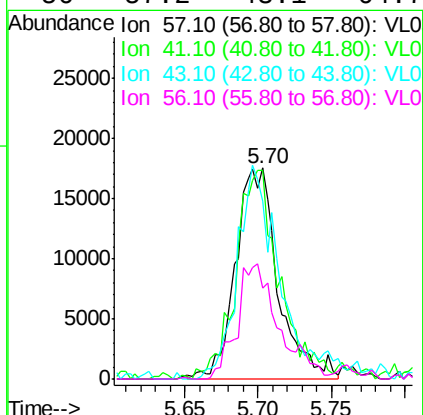
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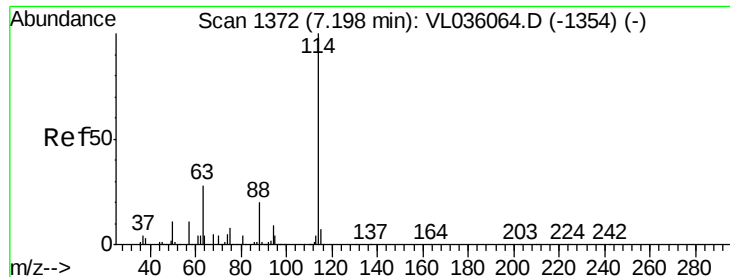
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#26
Hexane
Concen: 0.264 ppbv m
RT: 5.70 min Scan# 907
Delta R.T. -0.00 min
Lab File: VL036094.D
Acq: 8 Dec 2020 10:19

Tgt Ion	57	Resp	35155
Ion Ratio	Lower	Upper	
57	100		
41	104.6	82.9	124.3
43	0.0	199.9	299.9#
56	57.2	43.1	64.7





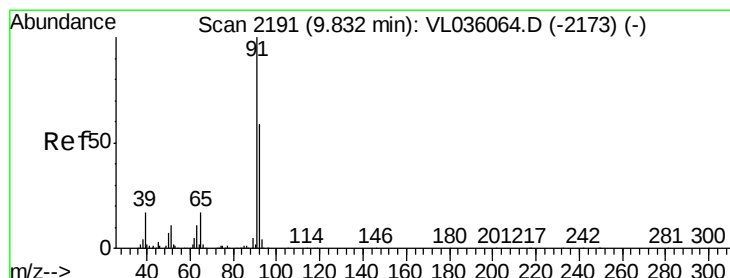
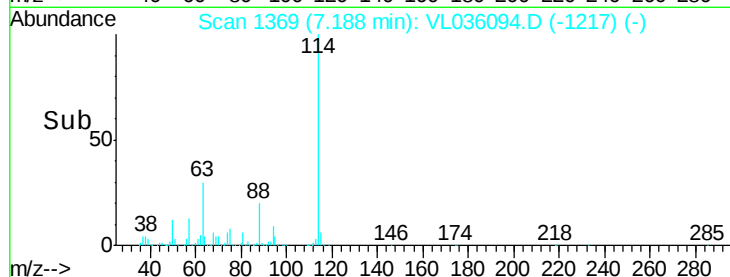
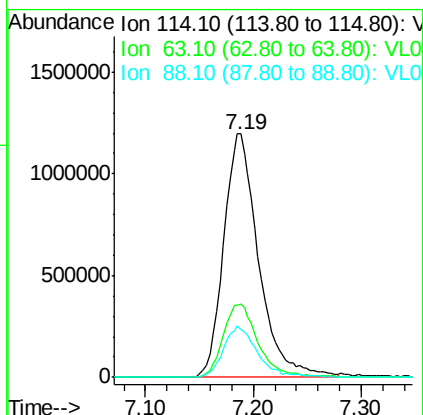
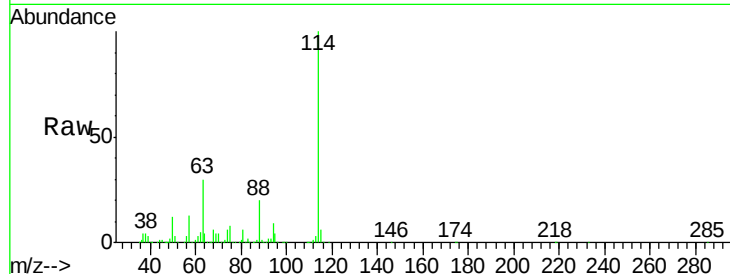
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: VL036094.D
 Acq: 8 Dec 2020 10:19

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	30.9	23.6	35.4
88	20.7	15.8	23.6

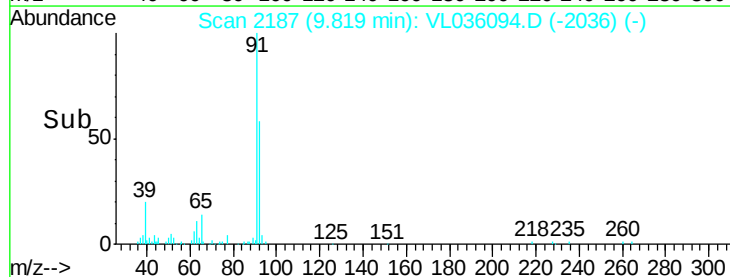
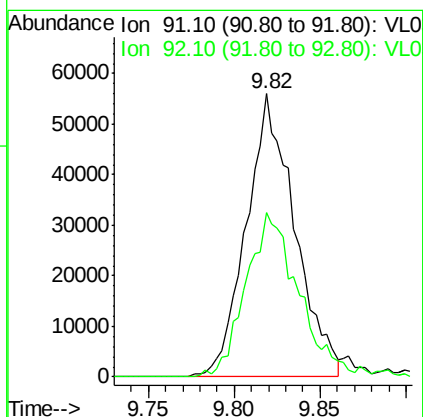
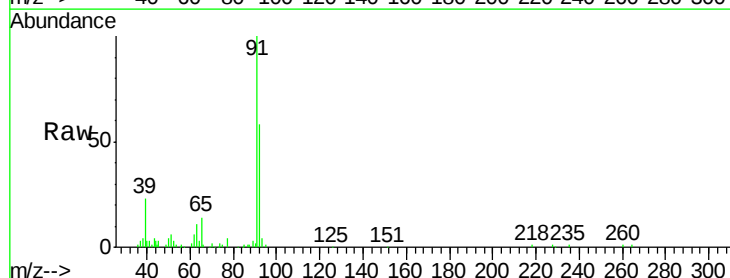
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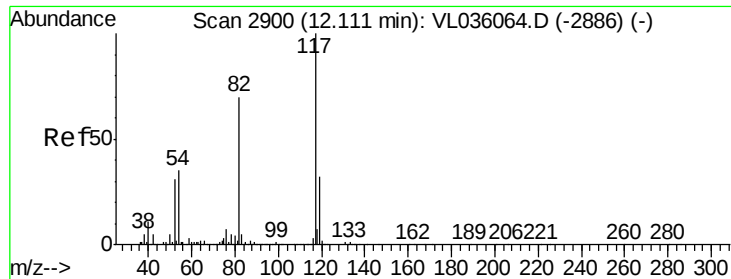
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#53
 Toluene
 Concen: 0.429 ppbv
 RT: 9.82 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VL036094.D
 Acq: 8 Dec 2020 10:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.9	48.2	72.2





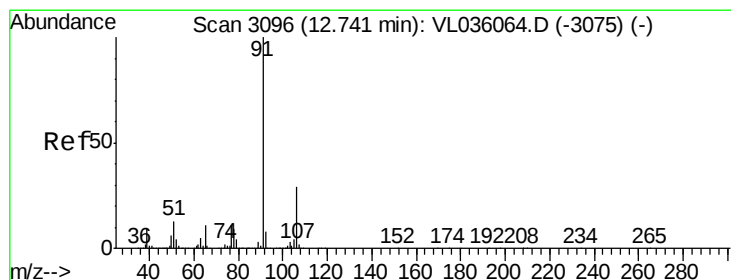
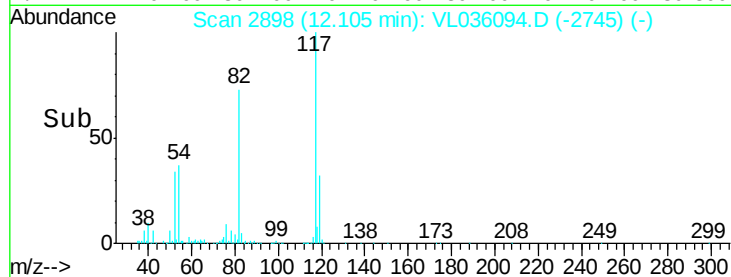
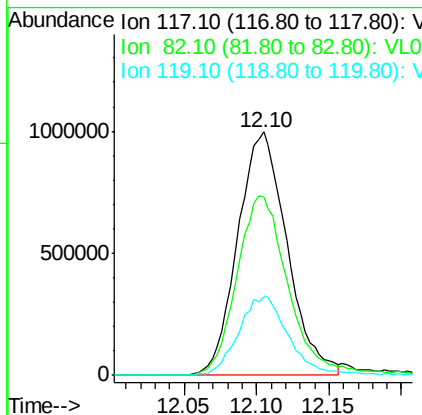
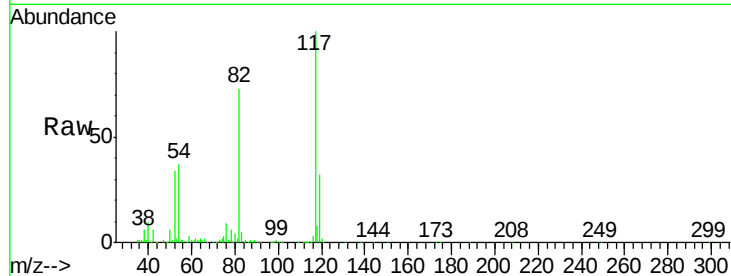
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL036094.D
Acq: 8 Dec 2020 10:19

Instrument :
MSVOA_L
ClientSampled :
AA-1DL

Tot Ion: 117 Resp: 2359149
Ion Ratio Lower Upper
117 100
82 78.3 0.0 0.0#
119 33.5 0.0 0.0#

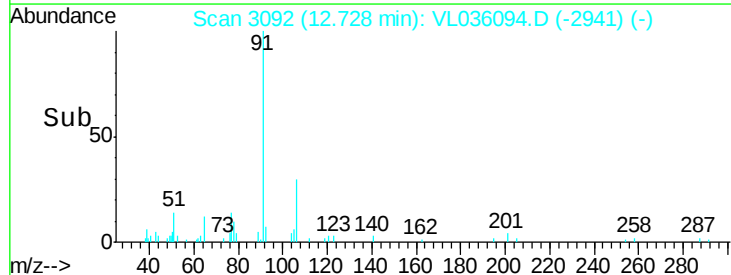
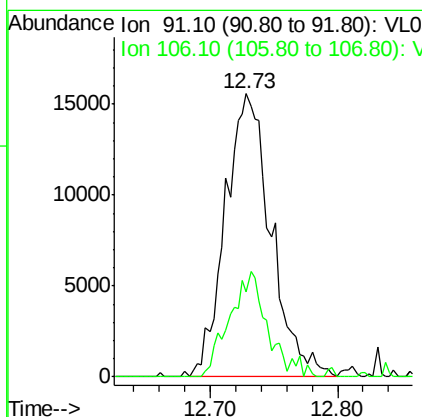
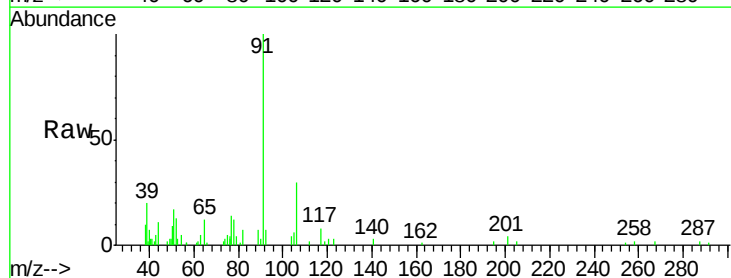
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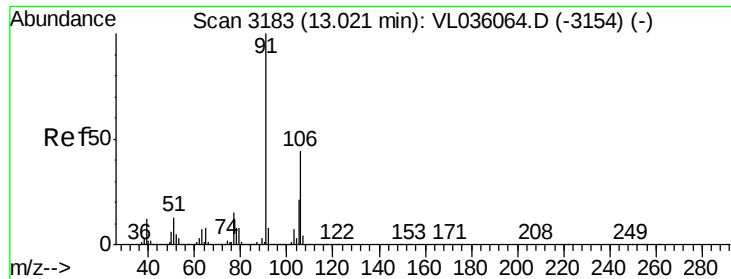
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#58
Ethyl Benzene
Concen: 0.120 ppbv m
RT: 12.73 min Scan# 3092
Delta R.T. -0.01 min
Lab File: VL036094.D
Acq: 8 Dec 2020 10:19

Tgt Ion: 91 Resp: 38832
Ion Ratio Lower Upper
91 100
106 30.2 23.0 34.4





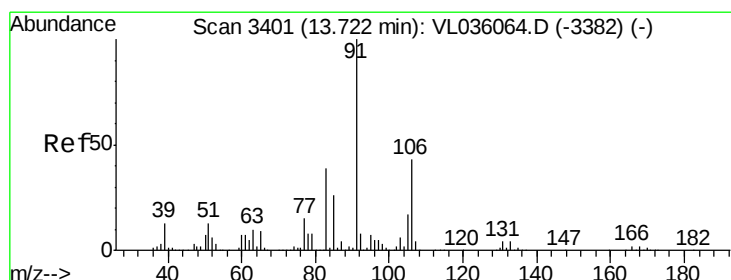
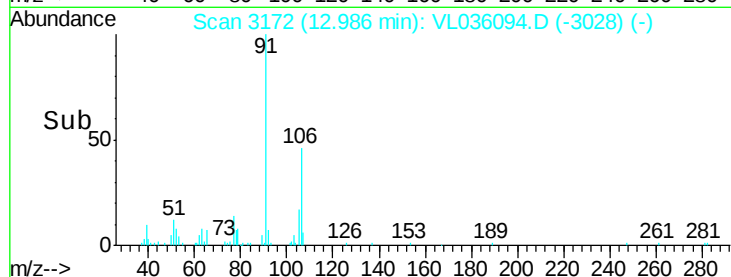
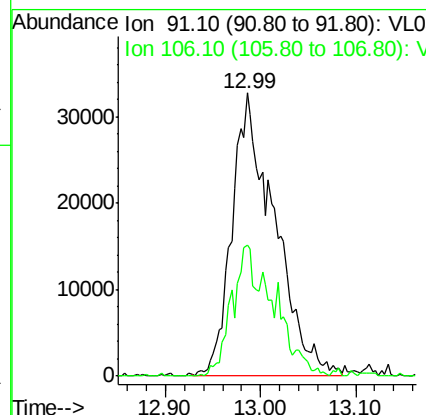
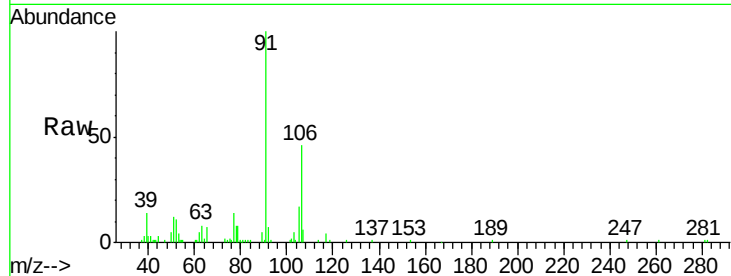
#59
m/p-Xylene
Concen: 0.373 ppbv m
RT: 12.99 min Scan# 3172
Delta R.T. -0.04 min
Lab File: VL036094.D
Acq: 8 Dec 2020 10:19

Instrument :
MSVOA_L
ClientSampled :
AA-1DL

Tot Ion: 91 Resp: 101536
Ion Ratio Lower Upper
91 100
106 0.0 33.6 50.4#

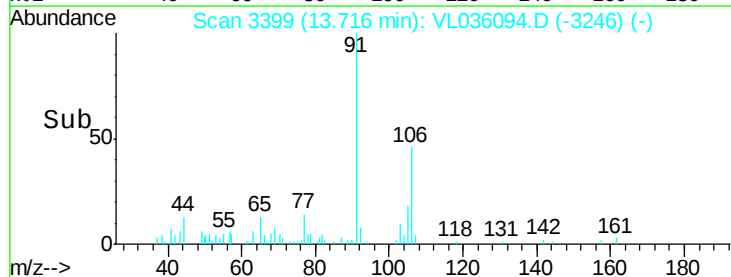
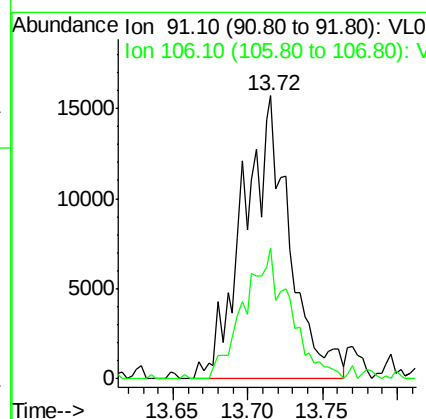
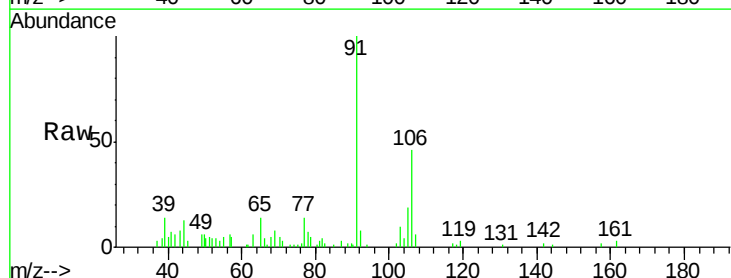
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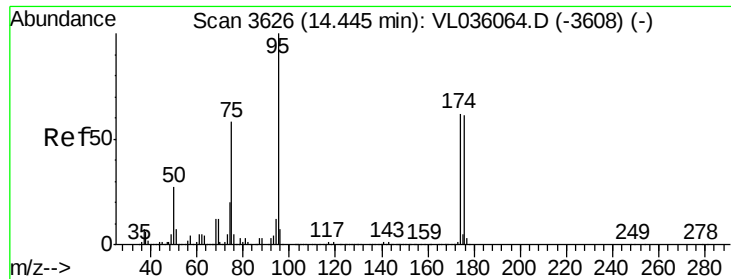
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#60
o-Xylene
Concen: 0.131 ppbv m
RT: 13.72 min Scan# 3399
Delta R.T. -0.01 min
Lab File: VL036094.D
Acq: 8 Dec 2020 10:19

Tgt Ion: 91 Resp: 33710
Ion Ratio Lower Upper
91 100
106 1.4 21.6 64.6#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.774 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. -0.01 min
 Lab File: VL036094.D
 Acq: 8 Dec 2020 10:19

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Tot Ion: 95 Resp: 2018331
 Ion Ratio Lower Upper
 95 100
 174 58.9 50.7 76.1
 175 4.3 4.0 6.0

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 12/10/2020 9:53:59 AM

