

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050620\
 Data File : VL034959.D
 Acq On : 7 May 2020 7:26
 Operator : SY/AP
 Sample : L2507-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Manual Integrations
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Quant Time: May 07 10:56:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1182507	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2737255	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2566045	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2122693	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.82	43	3772676	24.132	ppbv	95
34) 2-Butanone	5.24	43	330238	1.941	ppbv	97
44) 2,2,4-Trimethylpentane	7.89	57	92060m	0.229	ppbv	
51) 2-Hexanone	10.17	43	98394m	0.519	ppbv	
53) Toluene	9.83	91	90121m	0.377	ppbv	
58) Ethyl Benzene	12.74	91	41574m	0.131	ppbv	
59) m/p-Xylene	13.00	91	134943m	0.483	ppbv	
60) o-Xylene	13.73	91	55279	0.201	ppbv	95
74) 1,2,4-Trimethylbenzene	16.81	105	83362	0.255	ppbv #	70

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

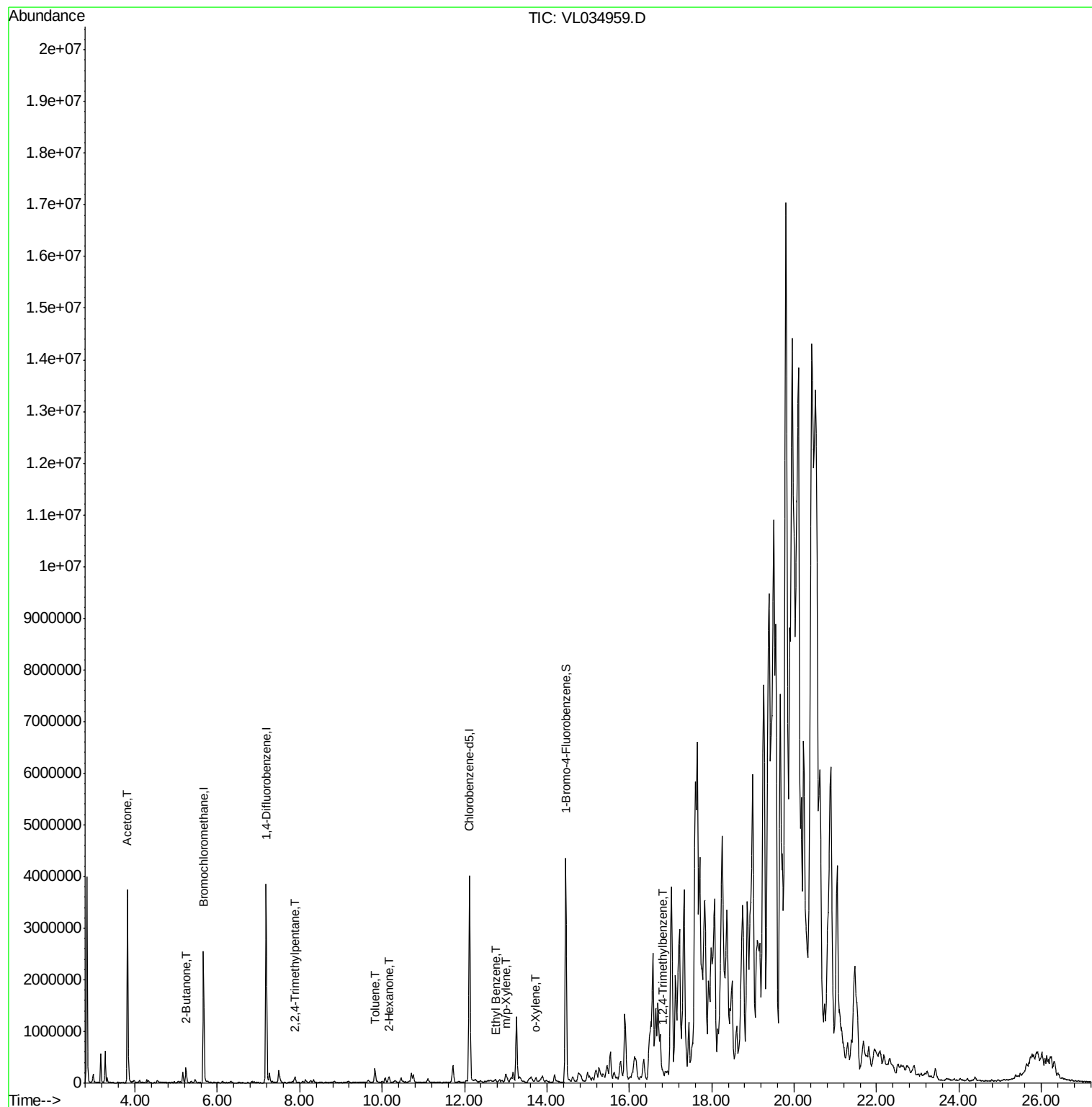
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Data File : VL034959.D
Acq On : 7 May 2020 7:26
Operator : SY/AP
Sample : L2507-03DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

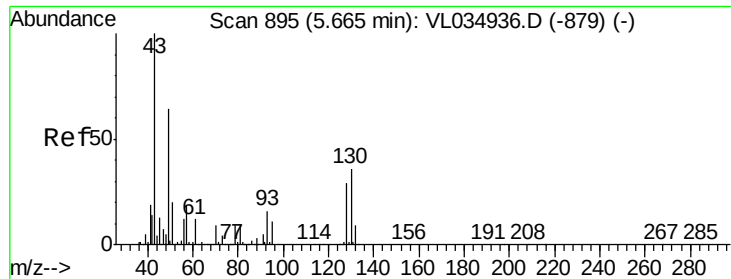
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

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Quant Time: May 07 10:56:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





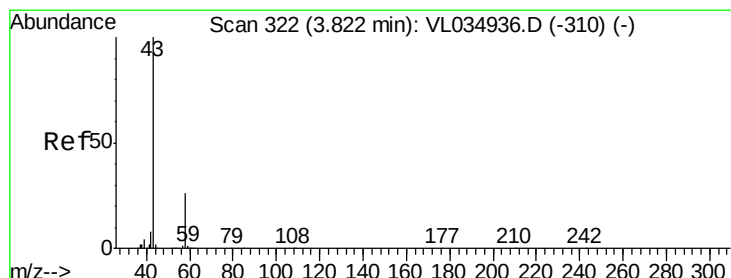
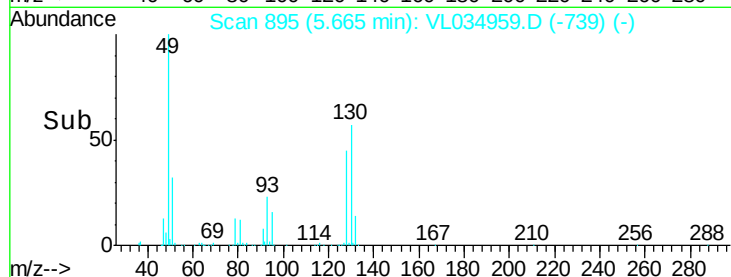
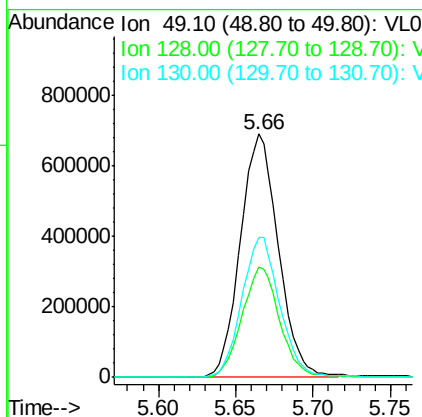
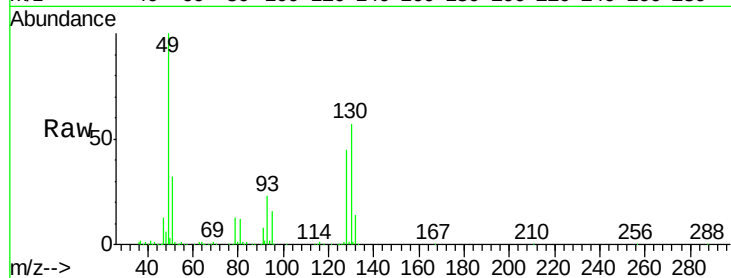
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VL034959.D
 Acq: 7 May 2020 7:26

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Tot Ion: 49 Resp: 1182507
 Ion Ratio Lower Upper
 49 100
 128 45.1 22.1 66.5
 130 57.6 29.1 87.3

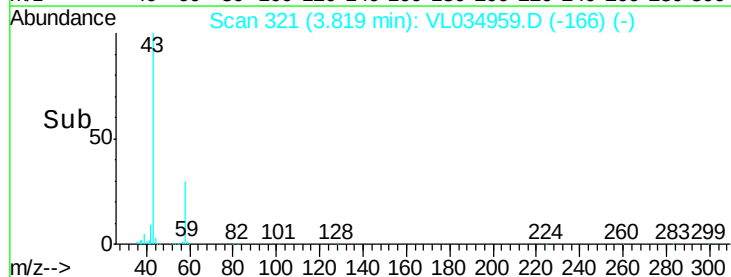
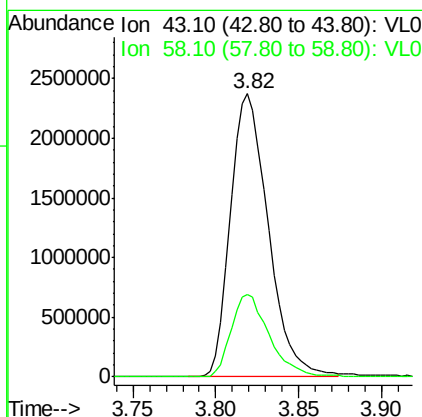
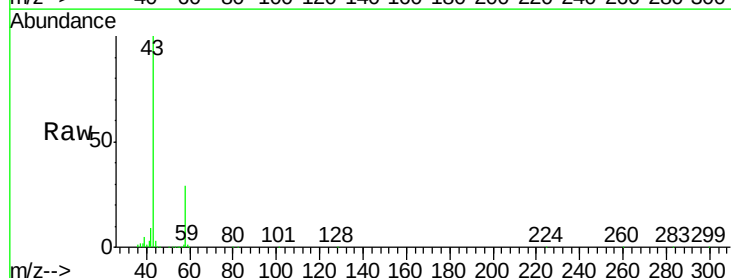
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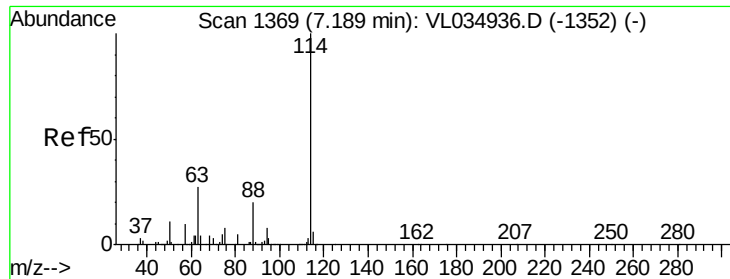
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#15
 Acetone
 Concen: 24.132 ppbv
 RT: 3.82 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VL034959.D
 Acq: 7 May 2020 7:26

Tgt Ion: 43 Resp: 3772676
 Ion Ratio Lower Upper
 43 100
 58 29.5 21.7 32.5





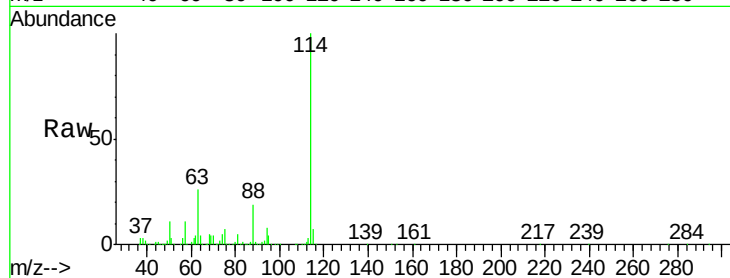
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VL034959.D
 Acq: 7 May 2020 7:26

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

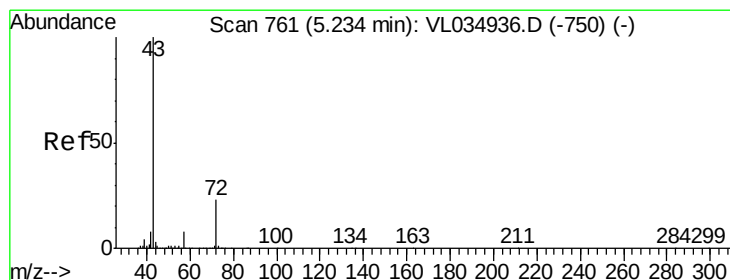
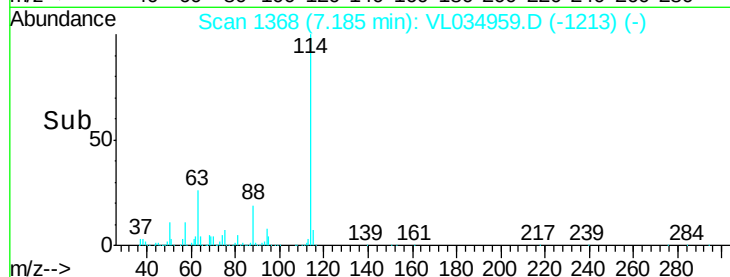
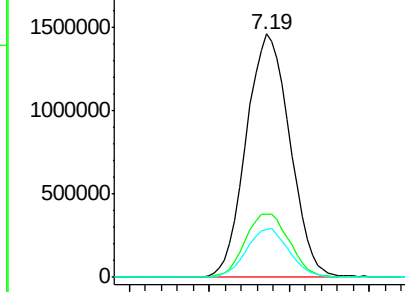
Tot Ion	Ratio	Lower	Upper
114	100		
63	26.6	22.2	33.4
88	19.4	15.5	23.3

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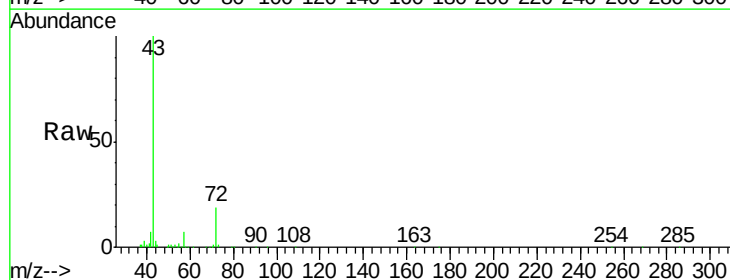


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

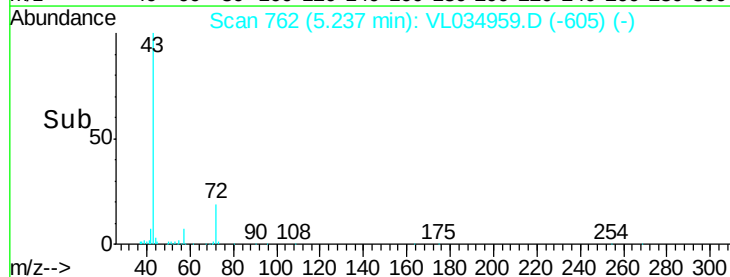
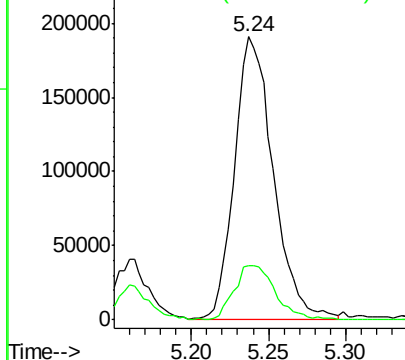


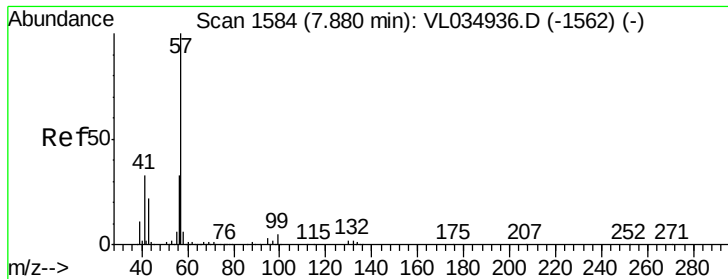
#34
 2-Butanone
 Concen: 1.941 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VL034959.D
 Acq: 7 May 2020 7:26

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.2	18.0	27.0



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





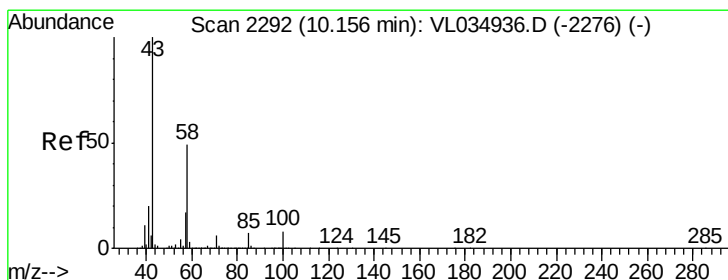
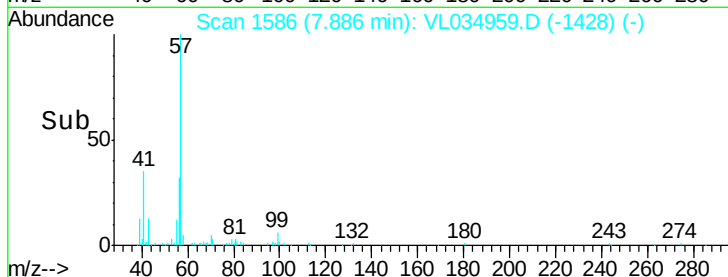
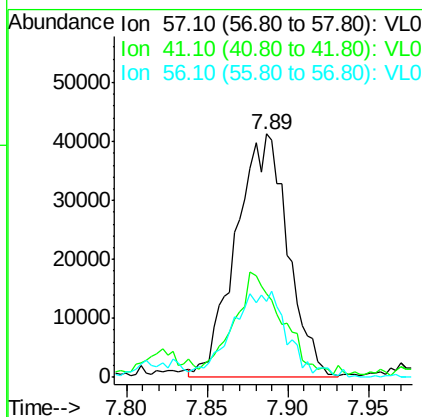
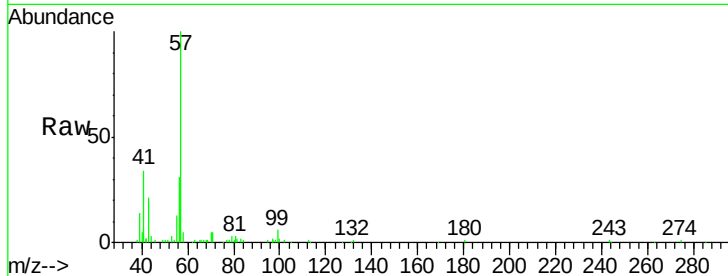
#44
 2,2,4-Trimethylpentane
 Concen: 0.229 ppbv m
 RT: 7.89 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VL034959.D
 Acq: 7 May 2020 7:26

Instrument :
 MSVOA_L
 ClientSampled :
 SV-1DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	40.0	26.4	39.6#
56	0.0	25.5	38.3#

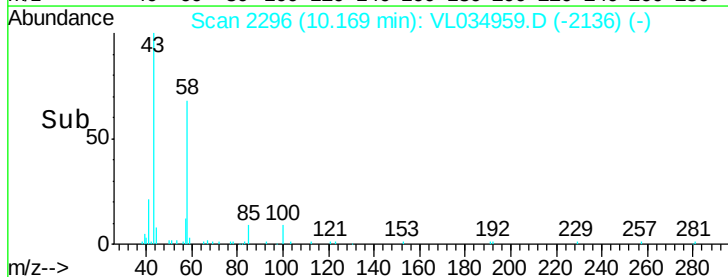
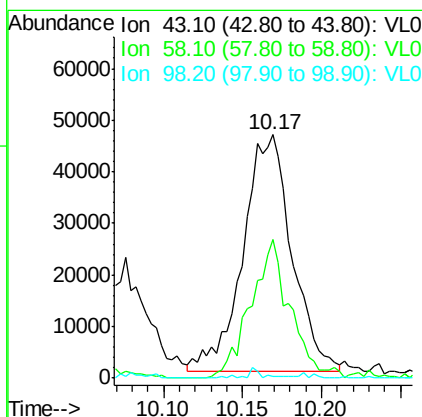
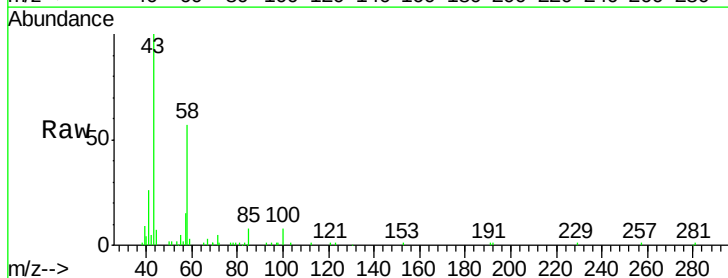
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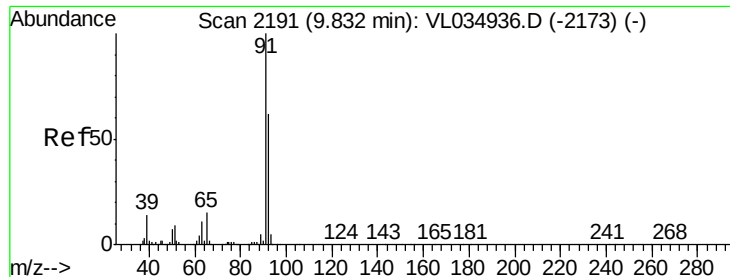
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#51
 2-Hexanone
 Concen: 0.519 ppbv m
 RT: 10.17 min Scan# 2296
 Delta R.T. 0.01 min
 Lab File: VL034959.D
 Acq: 7 May 2020 7:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.1	58.7#
98	1.0	0.3	0.5#





#53

Toluene

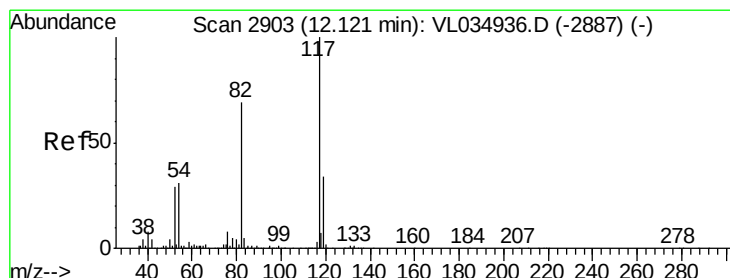
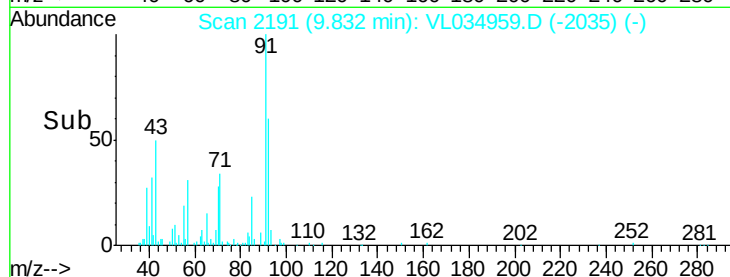
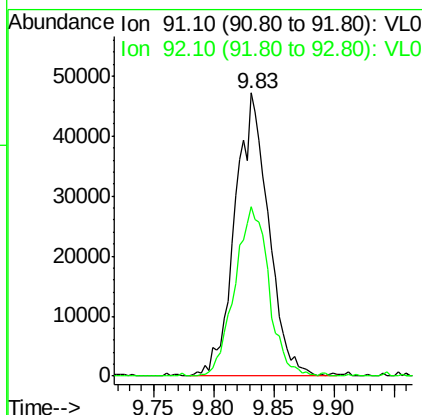
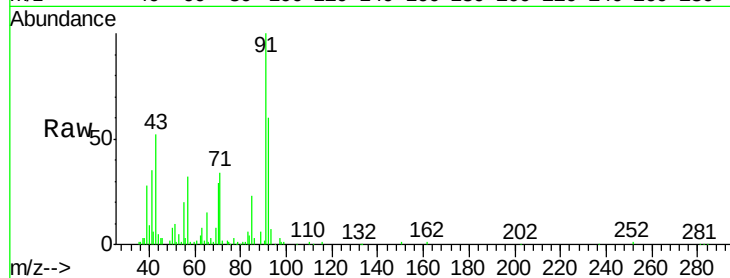
Concen: 0.377 ppbv m
RT: 9.83 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VL034959.D
Acq: 7 May 2020 7:26

Instrument :
MSVOA_L
ClientSampled :
SV-1DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	91	100	90121		
92	92	0.0	48.6	73.0	

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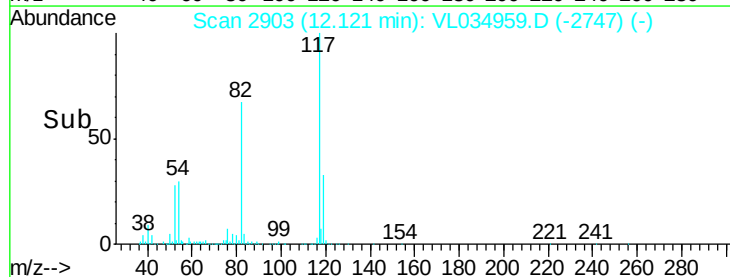
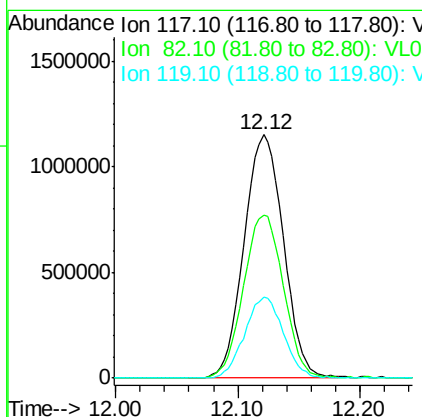
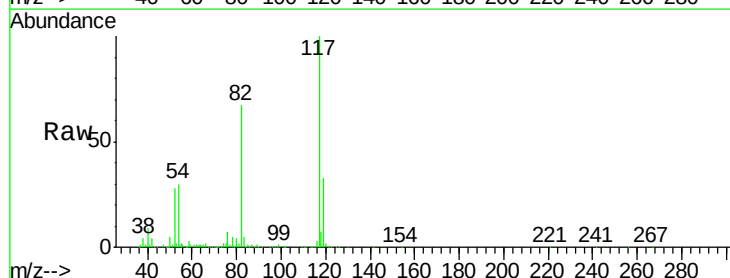


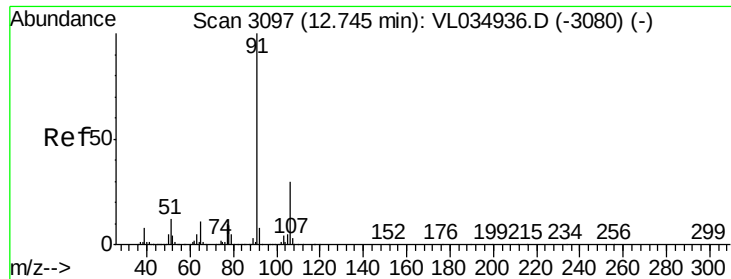
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL034959.D
Acq: 7 May 2020 7:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	2566045		
82	82	68.1	53.1	79.7	
119	119	32.9	26.7	40.1	





#58

Ethyl Benzene

Concen: 0.131 ppbv m

RT: 12.74 min Scan# 3097

Delta R.T. 0.00 min

Lab File: VL034959.D

Acq: 7 May 2020 7:26

Instrument :

MSVOA_L

ClientSampled :

SV-1DL

Tot Ion: 91 Resp: 41574

Ion Ratio Lower Upper

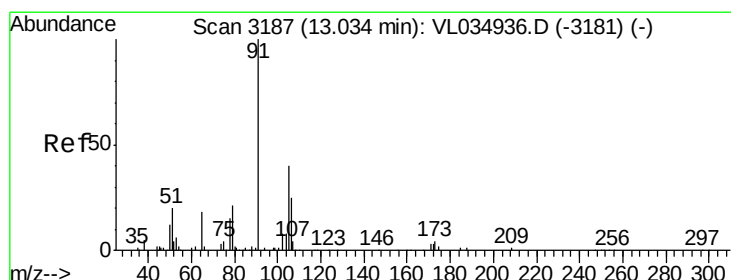
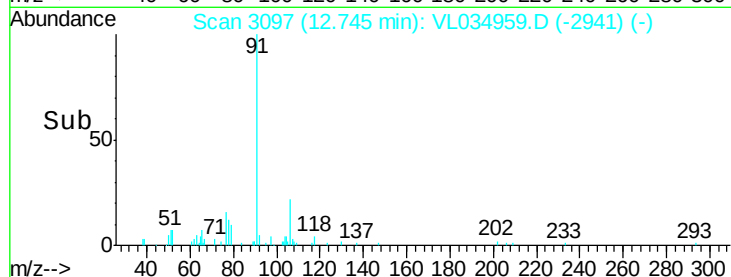
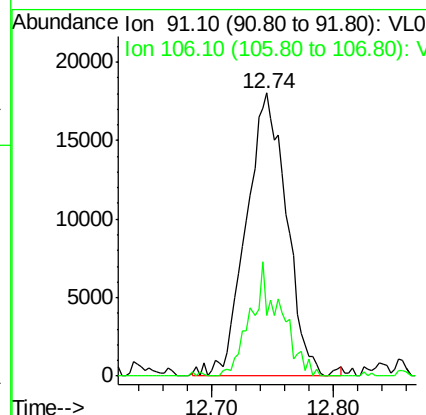
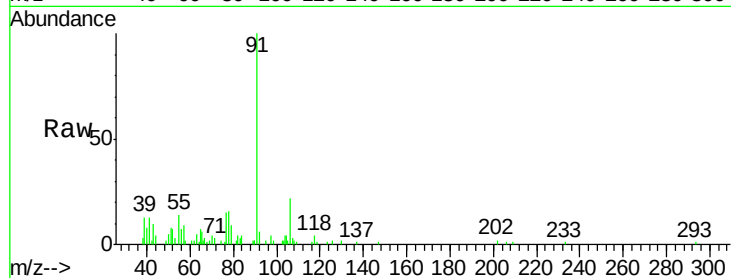
91 100

106 21.7 24.2 36.4#

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#59

m/p-Xylene

Concen: 0.483 ppbv m

RT: 13.00 min Scan# 3176

Delta R.T. -0.04 min

Lab File: VL034959.D

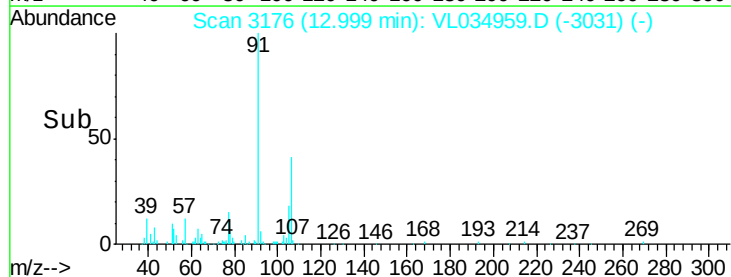
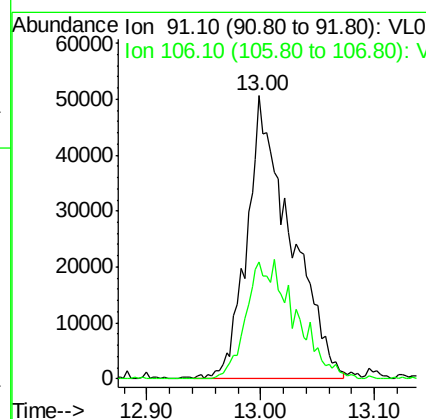
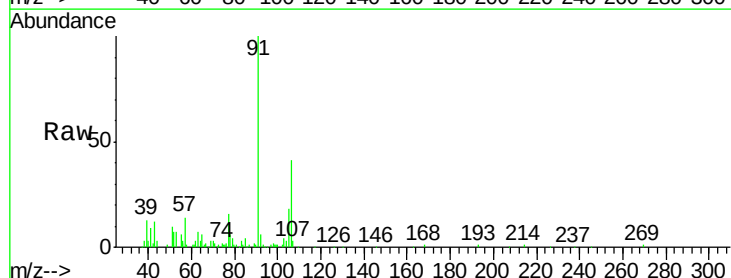
Acq: 7 May 2020 7:26

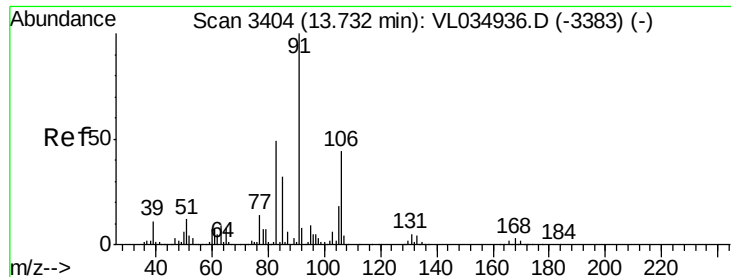
Tgt Ion: 91 Resp: 134943

Ion Ratio Lower Upper

91 100

106 0.0 66.0 99.0#





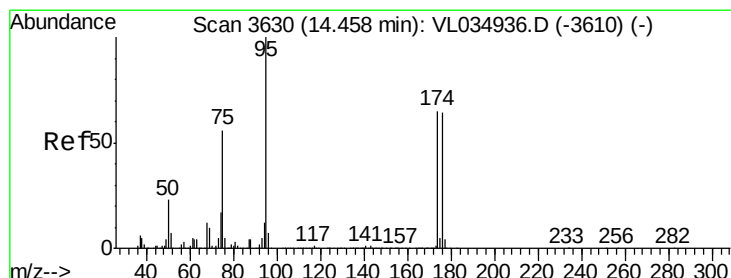
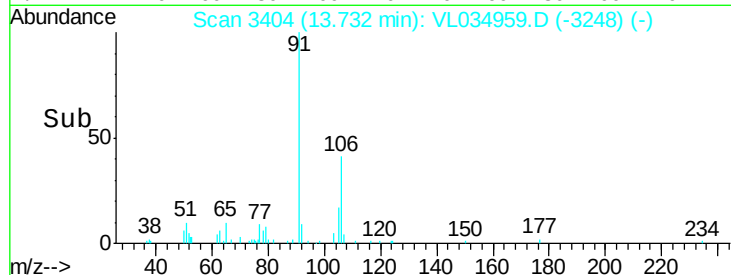
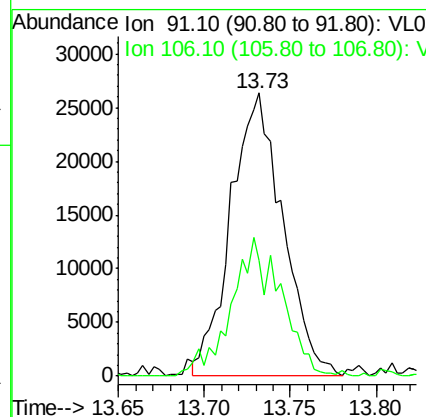
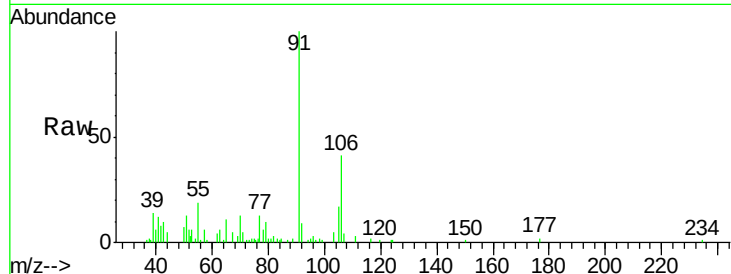
#60
o-Xylene
Concen: 0.201 ppbv
RT: 13.73 min Scan# 3404
Delta R.T. 0.00 min
Lab File: VL034959.D
Acq: 7 May 2020 7:26

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tot Ion: 91 Resp: 55279
Ion Ratio Lower Upper
91 100
106 46.9 21.9 65.5

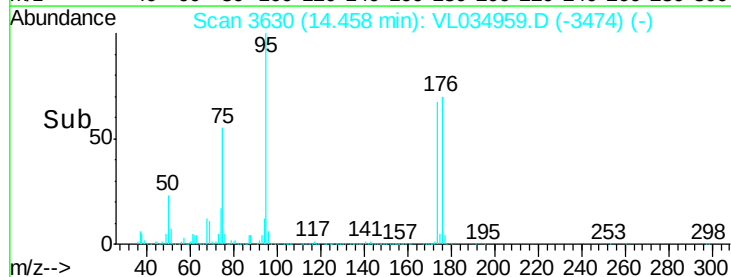
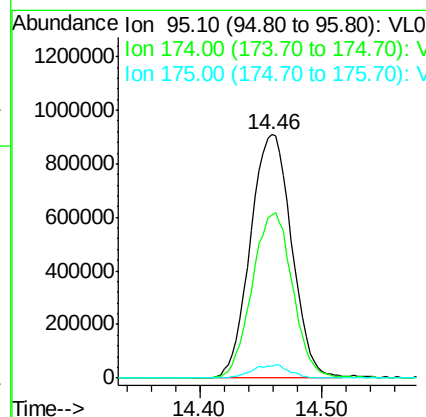
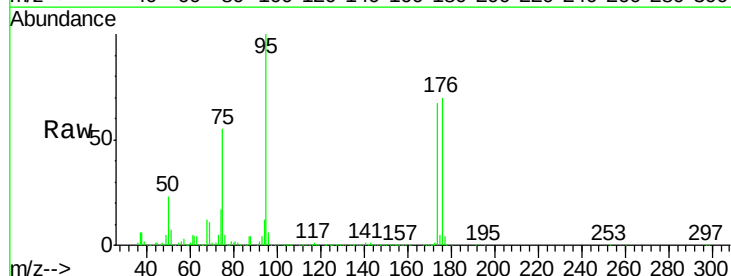
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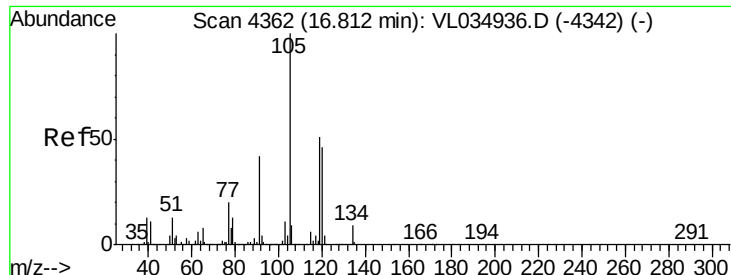
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.220 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.00 min
Lab File: VL034959.D
Acq: 7 May 2020 7:26

Tgt Ion: 95 Resp: 2122693
Ion Ratio Lower Upper
95 100
174 66.9 51.5 77.3
175 5.0 3.8 5.8





#74
 1,2,4-Trimethylbenzene
 Concen: 0.255 ppbv
 RT: 16.81 min Scan# 4362
 Delta R.T. 0.00 min
 Lab File: VL034959.D
 Acq: 7 May 2020 7:26

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Tot Ion:	105	Resp:	83362
Ion Ratio	Lower	Upper	
105	100		
120	35.6	36.8	55.2#
91	10.5	35.4	53.0#
77	12.9	16.2	24.2#

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