

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\
 Data File : VL034352.D
 Acq On : 24 Oct 2019 18:50
 Operator : SY/AP
 Sample : K5516-01 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 9:43:39 AM

Quant Time: Oct 25 02:54:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Oct 1
 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	984009	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2163575	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	2151213	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1710277	9.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.90%

Target Compounds					Qvalue
9) Propene	3.00	41	8263m	0.162	ppbv
13) Ethanol	3.59	45	170741	14.916	ppbv 97
15) Acetone	3.85	43	63158	0.449	ppbv 96
20) Methylene Chloride	4.34	84	17553m	0.345	ppbv
26) Hexane	5.70	57	29070	0.287	ppbv # 44
52) Tetrachloroethene	11.28	164	14329m	0.176	ppbv
53) Toluene	9.85	91	59737	0.261	ppbv 98

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

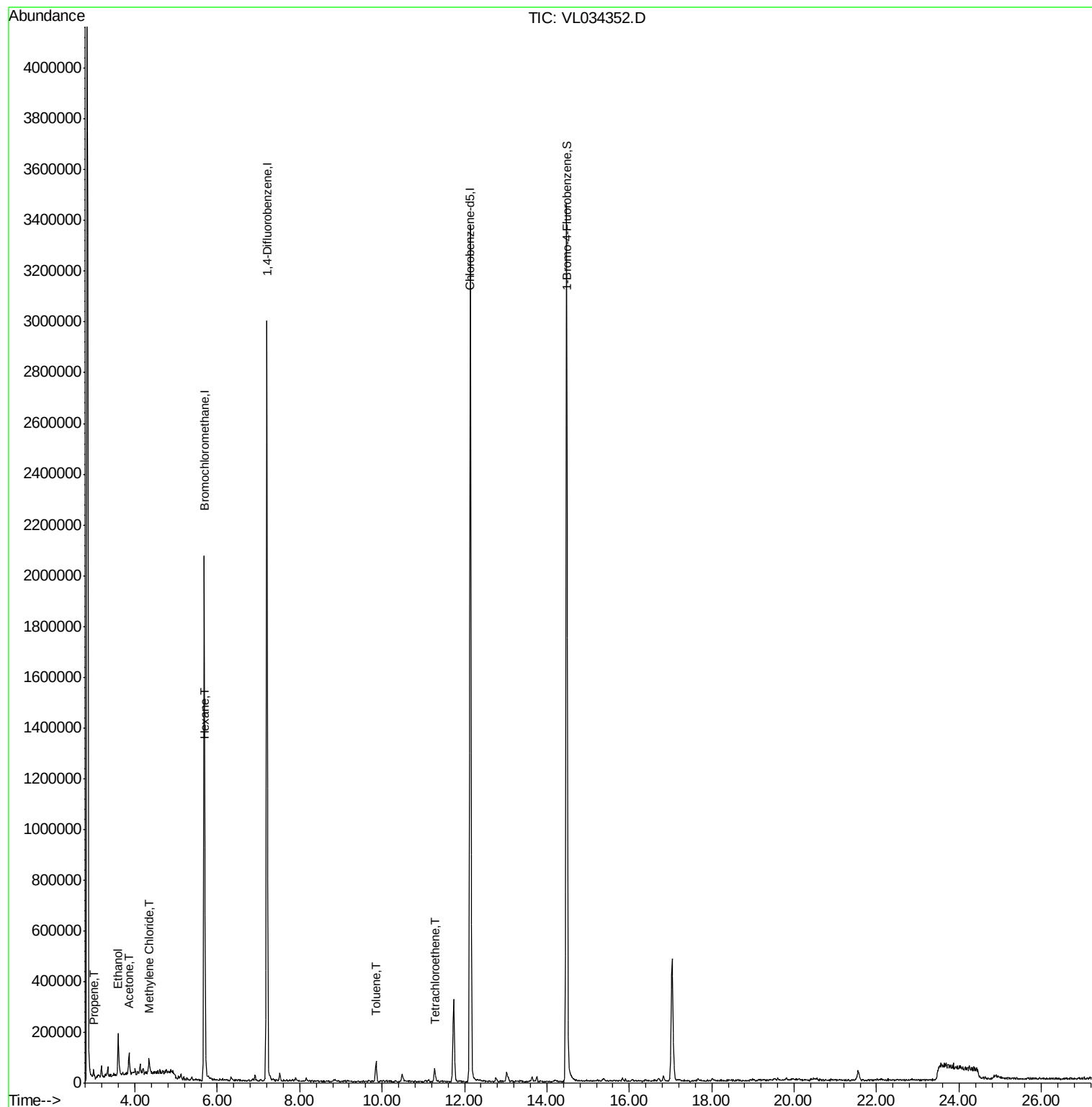
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\
Data File : VL034352.D
Acq On : 24 Oct 2019 18:50
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Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

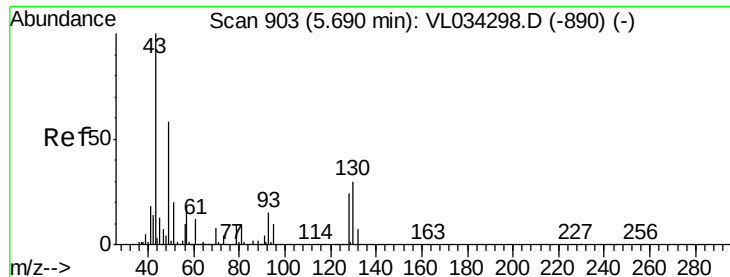
Instrument :
MSVOA_L
ClientSampleId :
SV-2

Manual Integrations
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Quant Time: Oct 25 02:54:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

Lab File: VL034352.D

Acq: 24 Oct 2019 18:50

Instrument :

MSVOA_L

ClientSampled :

SV-2

Tgt Ion: 49 Resp: 984009
Ion Ratio Lower Upper

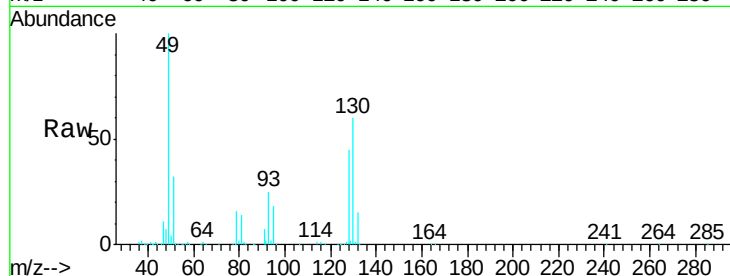
49 100

128 45.8 20.6 61.8

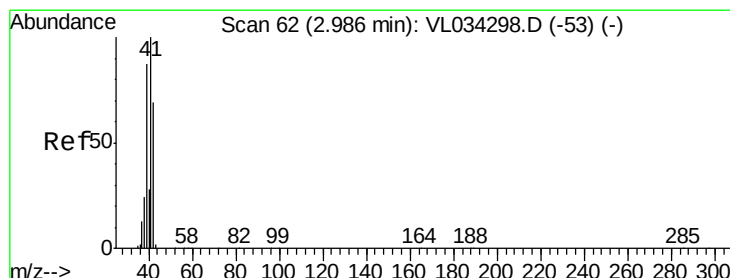
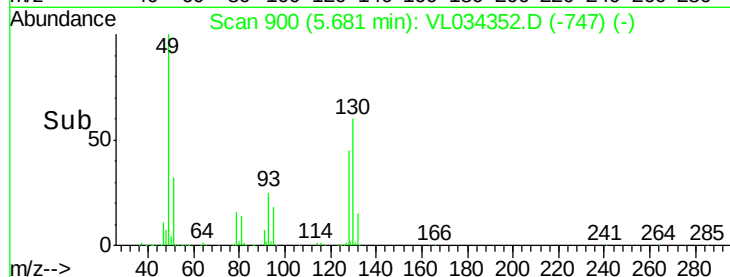
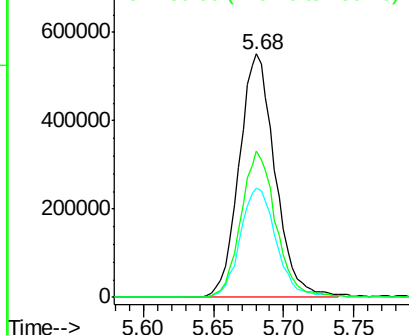
130 59.0 26.2 78.5

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Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.162 ppbv m

RT: 3.00 min Scan# 65

Delta R.T. 0.01 min

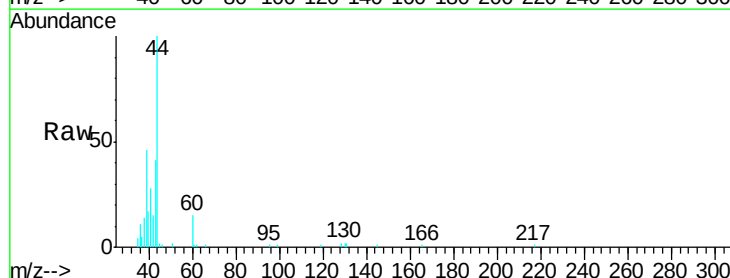
Lab File: VL034352.D

Acq: 24 Oct 2019 18:50

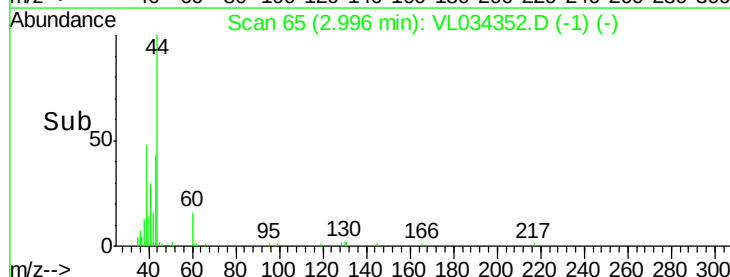
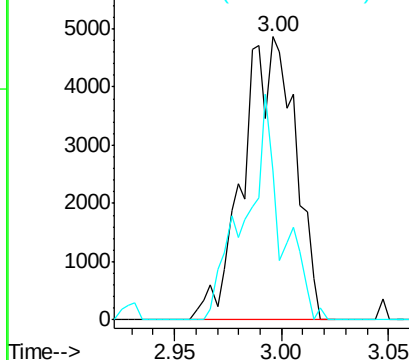
Tgt Ion: 41 Resp: 8263
Ion Ratio Lower Upper

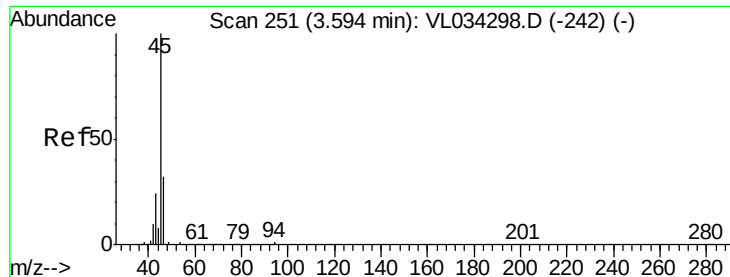
41 100

42 0.0 53.9 80.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0





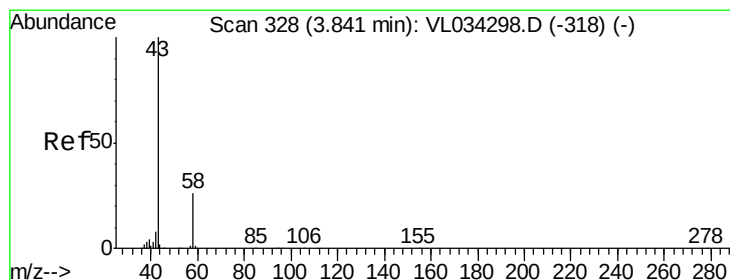
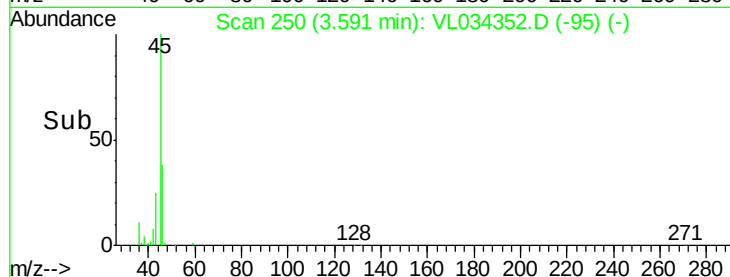
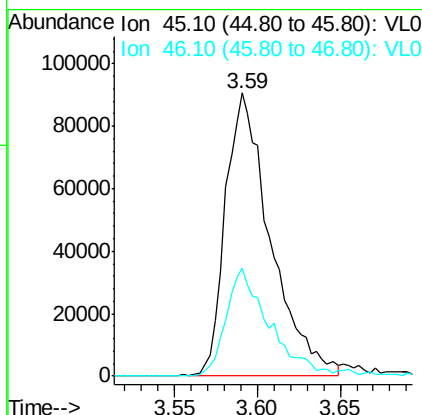
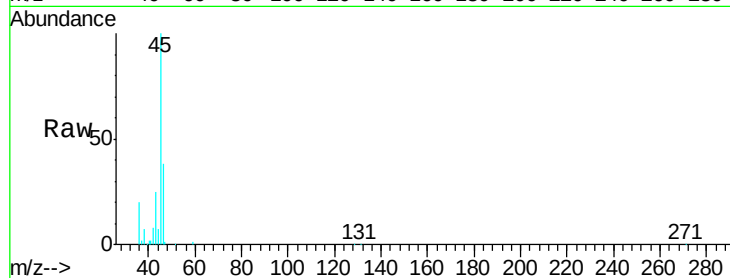
#13
Ethanol
Concen: 14.916 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.00 min
Lab File: VL034352.D
Acq: 24 Oct 2019 18:50

Instrument :
MSVOA_L
ClientSampled :
SV-2

Tgt Ion: 45 Resp: 170741
Ion Ratio Lower Upper
45 100
46 37.6 15.8 63.2

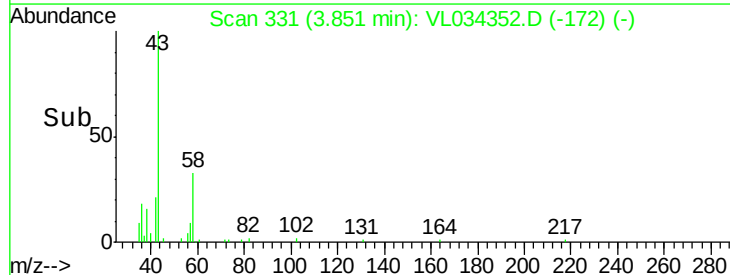
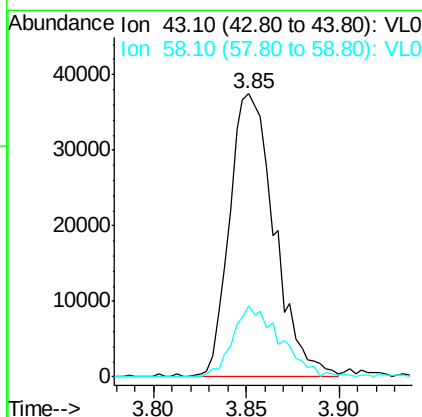
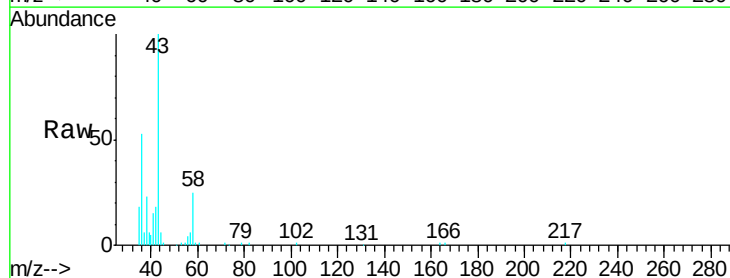
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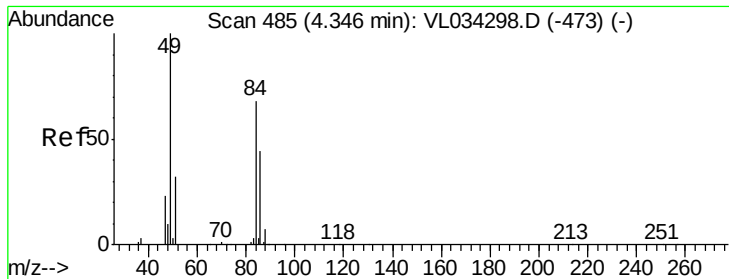
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#15
Acetone
Concen: 0.449 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL034352.D
Acq: 24 Oct 2019 18:50

Tgt Ion: 43 Resp: 63158
Ion Ratio Lower Upper
43 100
58 27.4 20.4 30.6





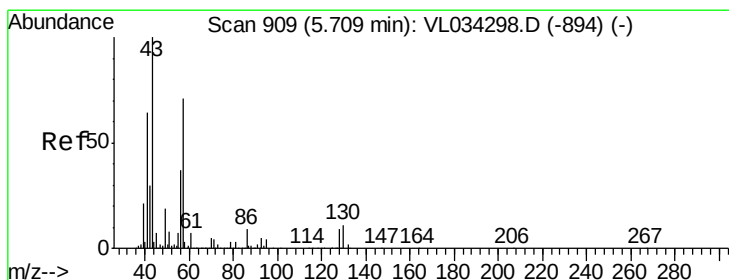
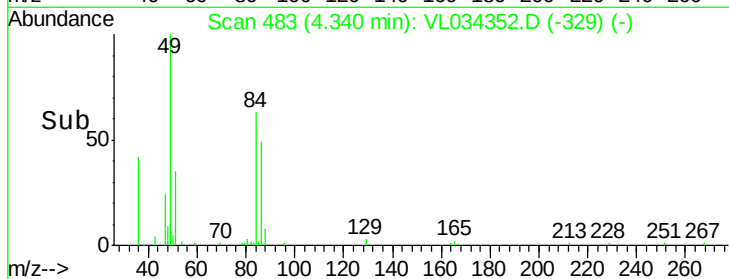
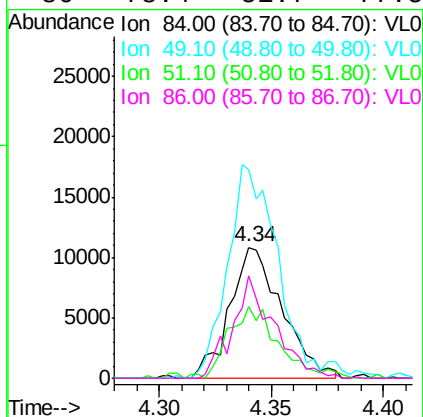
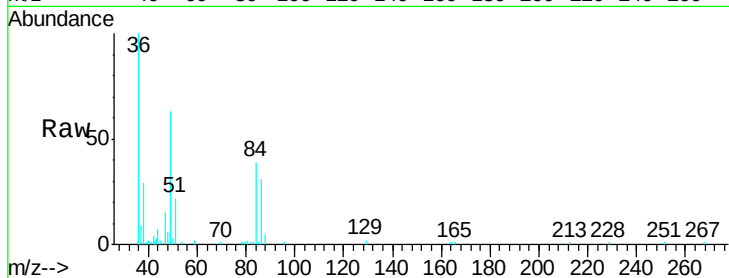
#20
Methylene Chloride
Concen: 0.345 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL034352.D
Acq: 24 Oct 2019 18:50

Instrument :
MSVOA_L
ClientSampled :
SV-2

Tgt Ion	Ratio	Lower	Upper
84	100		
49	159.1	118.5	177.7
51	55.2	38.8	58.2
86	78.4	51.7	77.5#

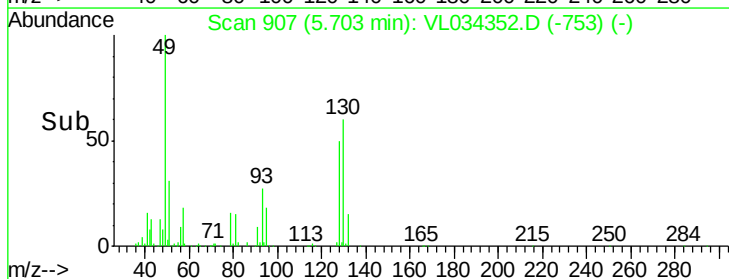
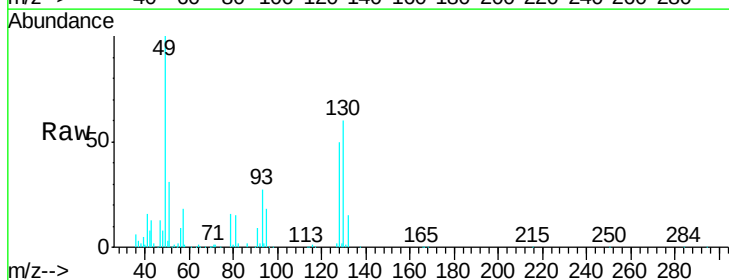
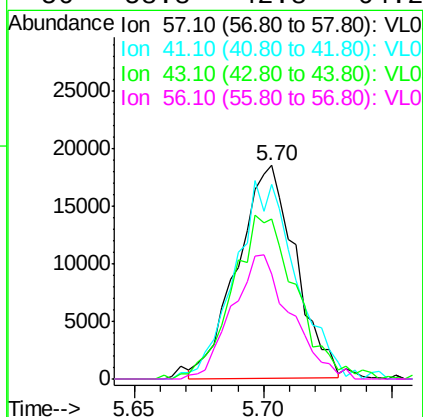
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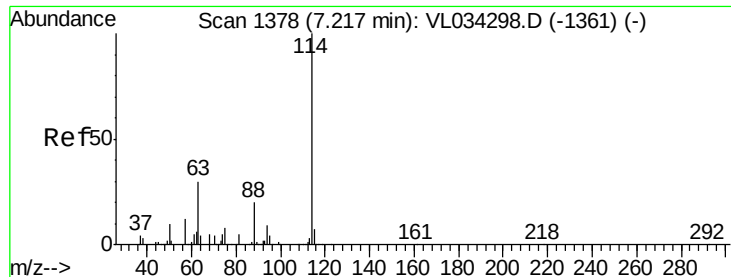
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#26
Hexane
Concen: 0.287 ppbv
RT: 5.70 min Scan# 907
Delta R.T. -0.01 min
Lab File: VL034352.D
Acq: 24 Oct 2019 18:50

Tgt Ion	Ratio	Lower	Upper
57	100		
41	98.9	76.5	114.7
43	85.9	188.5	282.7#
56	58.8	42.8	64.2





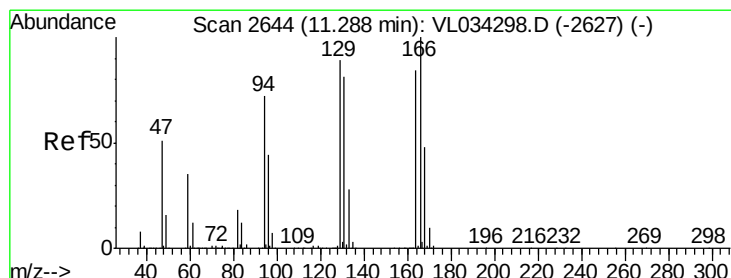
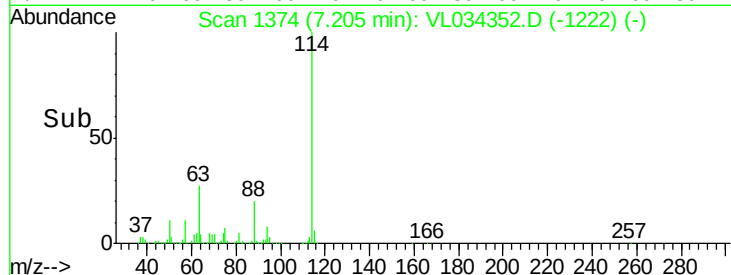
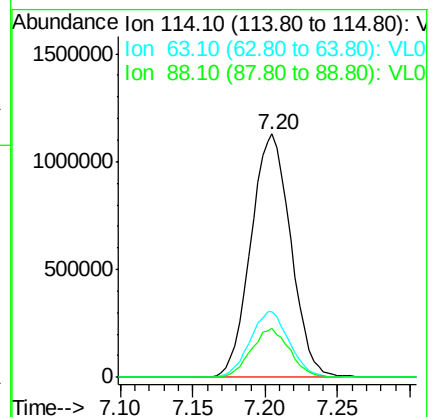
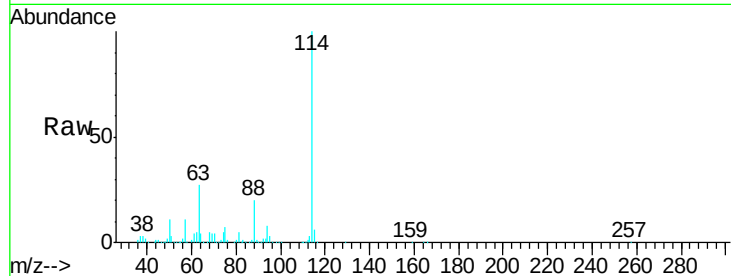
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: VL034352.D
 Acq: 24 Oct 2019 18:50

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.7	25.2	37.8
88	19.4	16.0	24.0

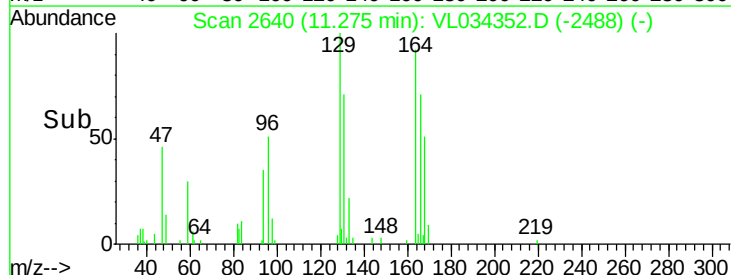
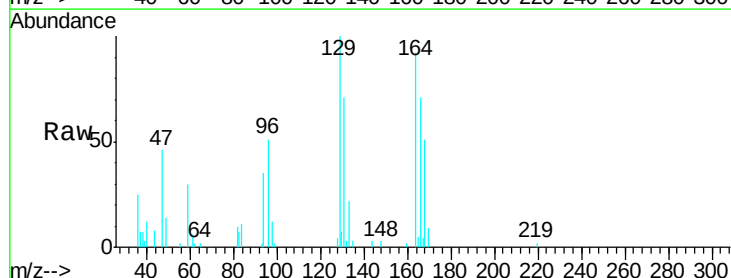
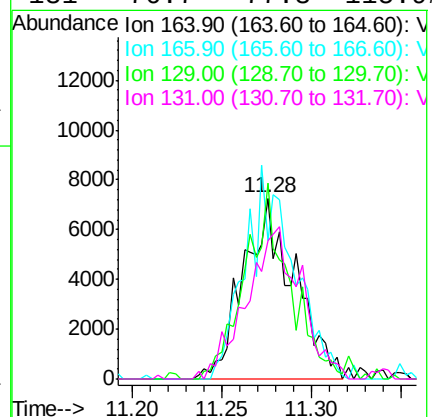
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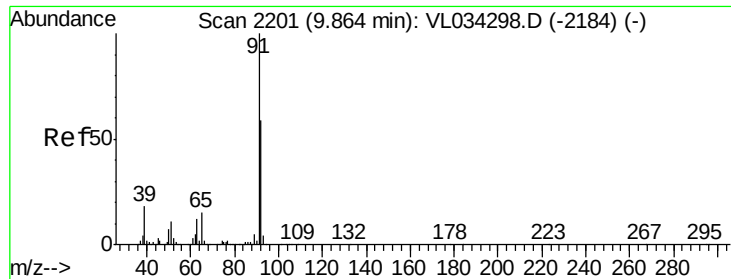
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#52
 Tetrachloroethene
 Concen: 0.176 ppbv m
 RT: 11.28 min Scan# 2640
 Delta R.T. -0.01 min
 Lab File: VL034352.D
 Acq: 24 Oct 2019 18:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	76.6	95.3	142.9#
129	108.4	84.5	126.7
131	76.7	77.3	115.9#





#53

Toluene

Concen: 0.261 ppbv

RT: 9.85 min Scan# 2197

Delta R.T. -0.01 min

Lab File: VL034352.D

Acq: 24 Oct 2019 18:50

Instrument :

MSVOA_L

ClientSampled :

SV-2

Tgt Ion: 91 Resp: 59737

Ion Ratio Lower Upper

91 100

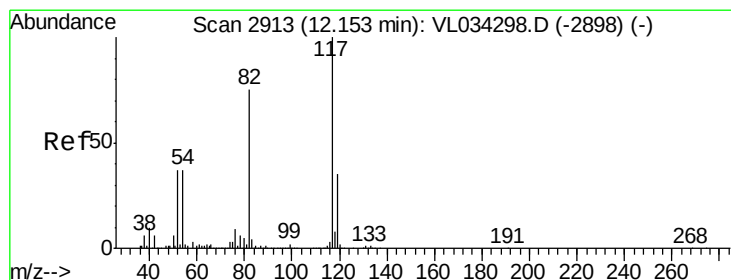
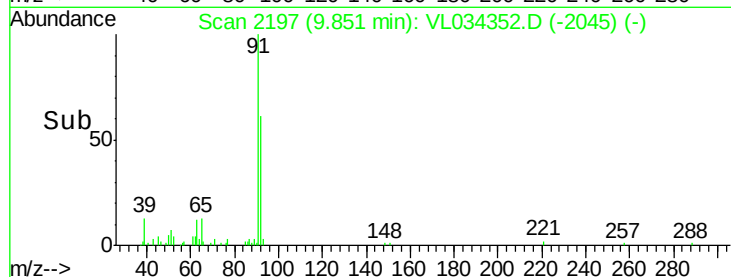
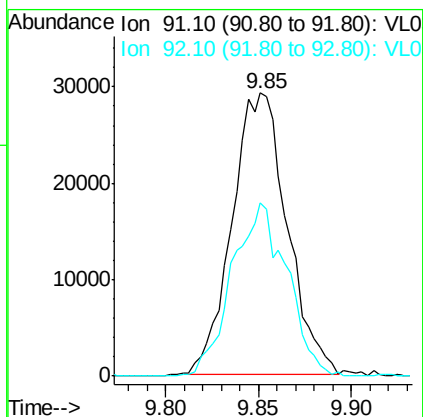
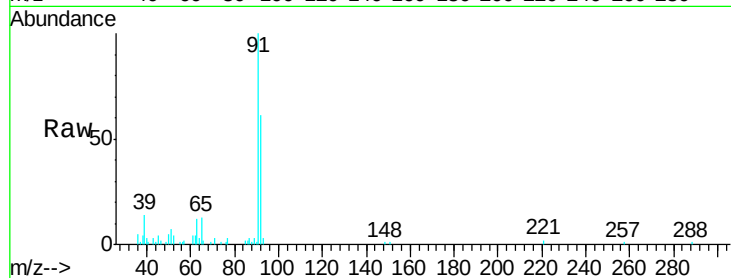
92 61.8 48.4 72.6

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.14 min Scan# 2910

Delta R.T. -0.01 min

Lab File: VL034352.D

Acq: 24 Oct 2019 18:50

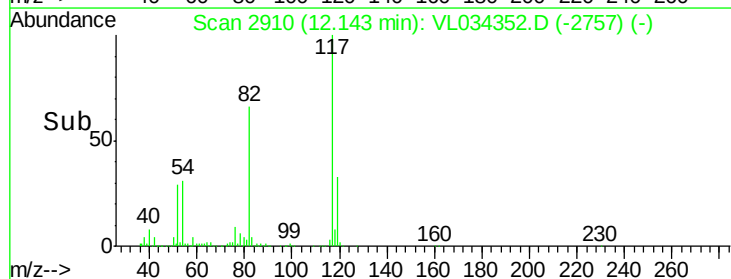
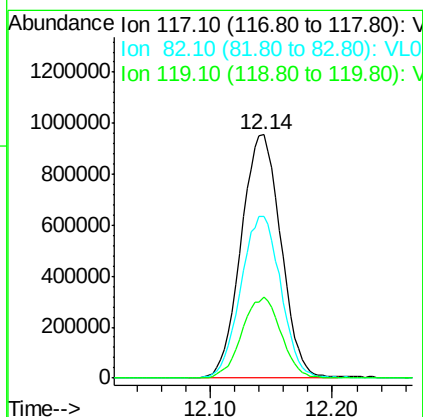
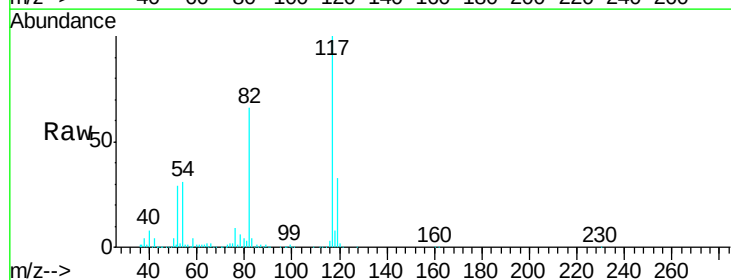
Tgt Ion: 117 Resp: 2151213

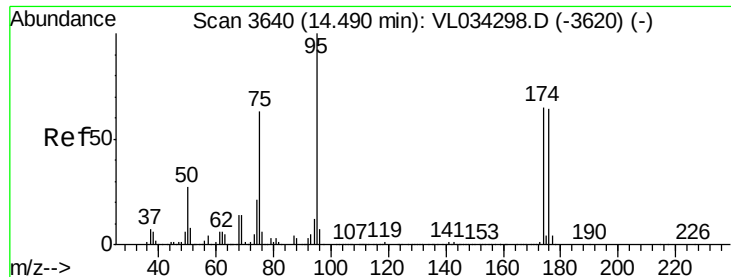
Ion Ratio Lower Upper

117 100

82 67.3 55.5 83.3

119 32.9 26.5 39.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.387 ppbv
 RT: 14.48 min Scan# 3637
 Delta R.T. -0.01 min
 Lab File: VL034352.D
 Acq: 24 Oct 2019 18:50

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Tgt Ion: 95 Resp: 1710277
 Ion Ratio Lower Upper
 95 100
 174 71.2 52.6 78.8
 175 5.4 3.8 5.6

Manual Integrations
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