

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL123019\
 Data File : VL034534.D
 Acq On : 31 Dec 2019 5:44
 Operator : SY/AP
 Sample : K6470-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 29-1DL

Manual Integrations
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Quant Time: Jan 01 13:02:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 30 14:58:50 2019
 QLast Update : Mon Dec 30 14:58:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1039302	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2097242	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2025691	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1694961	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	27651m	0.579	ppbv	
13) Ethanol	3.58	45	394181	29.757	ppbv	98
15) Acetone	3.83	43	471396	3.108	ppbv	98
17) tert-Butyl alcohol	4.30	59	49851m	0.410	ppbv	
19) Isopropyl Alcohol	3.96	45	58194	0.593	ppbv #	1

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

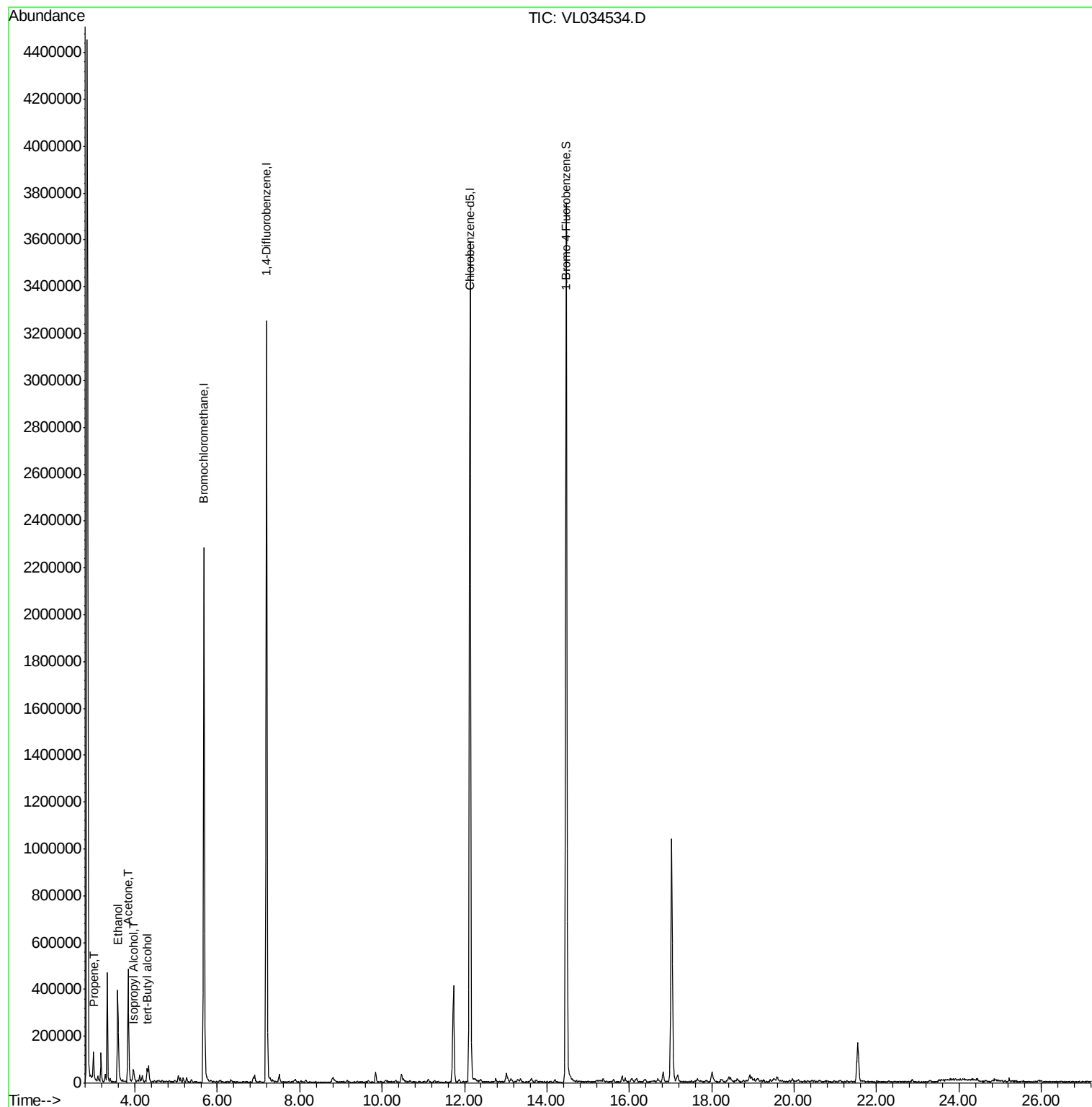
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL123019\
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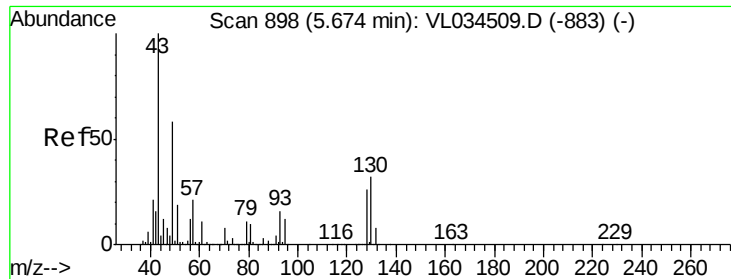
Instrument :
MSVOA_L
ClientSampleId :
29-1DL

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1/2/2020 10:50:17 AM

Quant Time: Jan 01 13:02:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 30 14:58:50 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL034534.D

Acq: 31 Dec 2019 5:44

Instrument :

MSVOA_L

ClientSampled :

29-1DL

Tot Ion: 49 Resp: 1039302

Ion Ratio Lower Upper

49 100

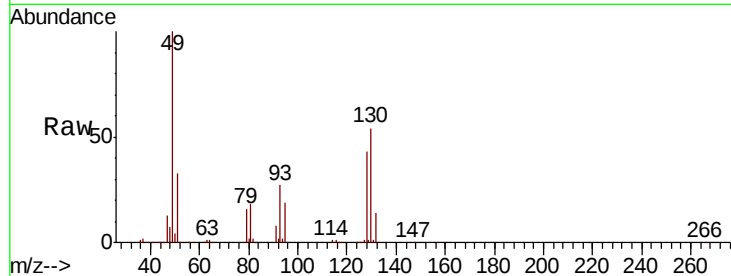
128 44.5 22.4 67.2

130 57.2 28.3 85.0

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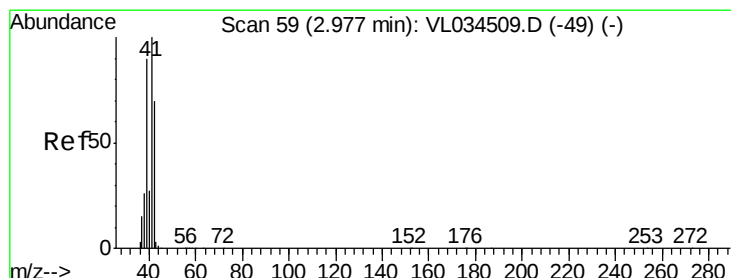
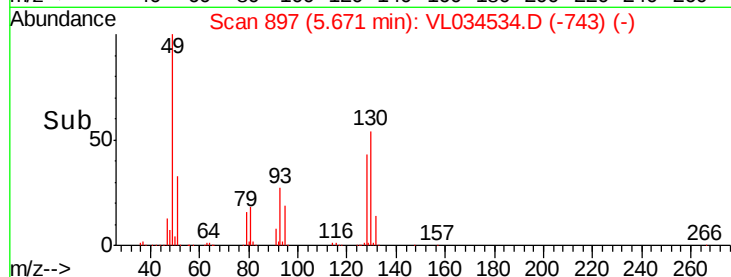
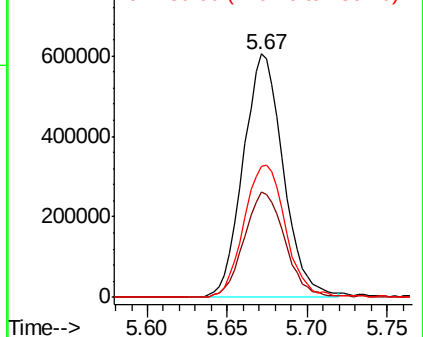
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.579 ppbv m

RT: 2.99 min Scan# 64

Delta R.T. 0.02 min

Lab File: VL034534.D

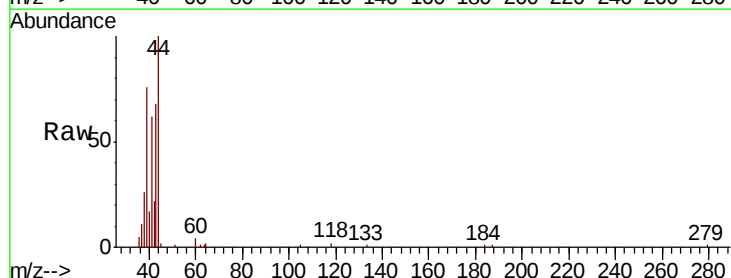
Acq: 31 Dec 2019 5:44

Tgt Ion: 41 Resp: 27651

Ion Ratio Lower Upper

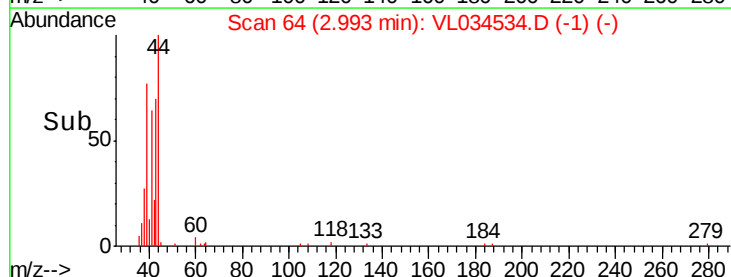
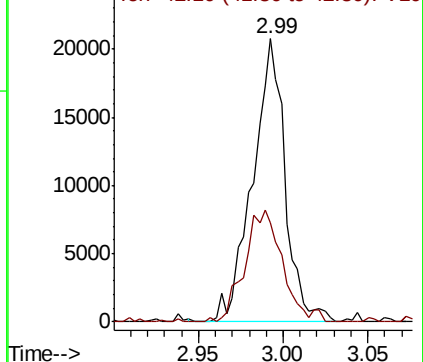
41 100

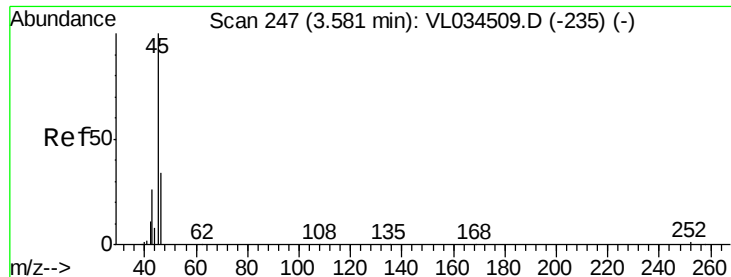
42 76.4 55.8 83.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





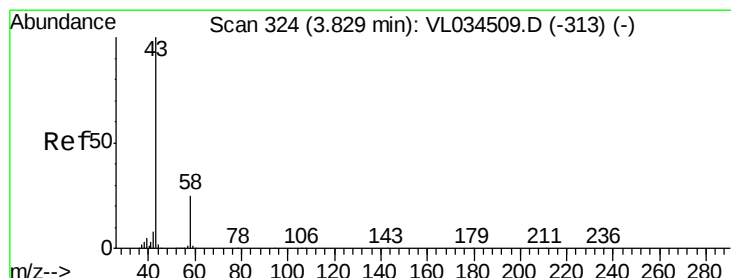
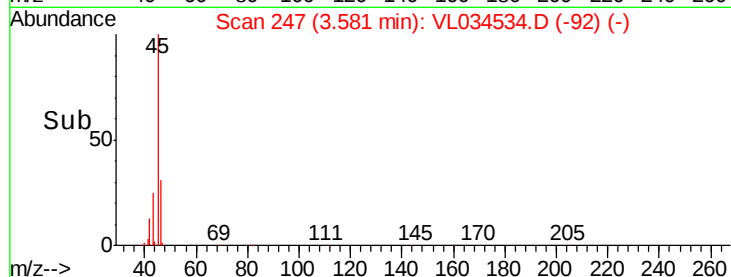
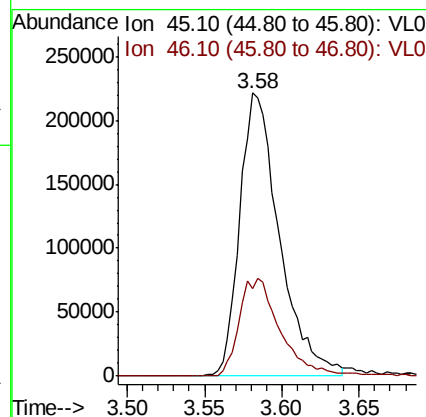
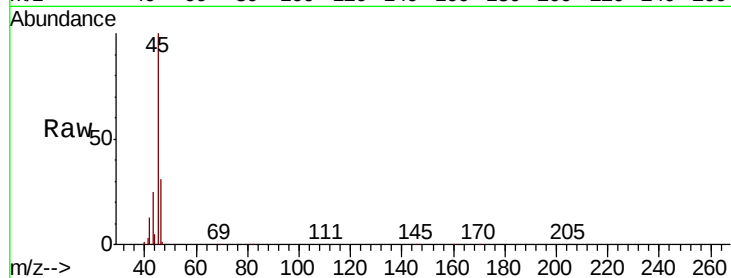
#13
Ethanol
Concen: 29.757 ppbv
RT: 3.58 min Scan# 247
Delta R.T. -0.00 min
Lab File: VL034534.D
Acq: 31 Dec 2019 5:44

Instrument :
MSVOA_L
ClientSampleId :
29-1DL

Tot Ion	45	46	Ratio	Lower	Upper
394181	100	36.3		14.9	59.7

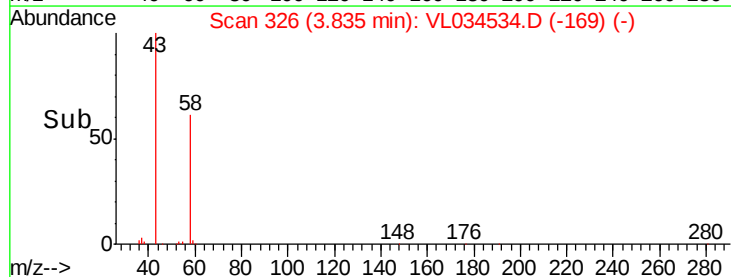
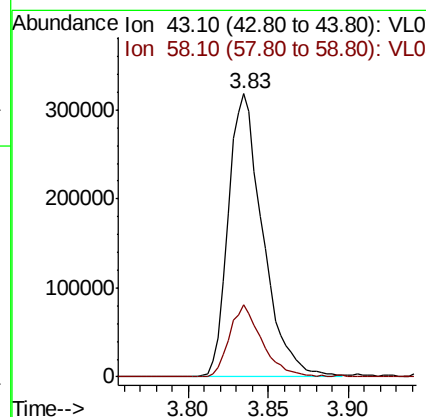
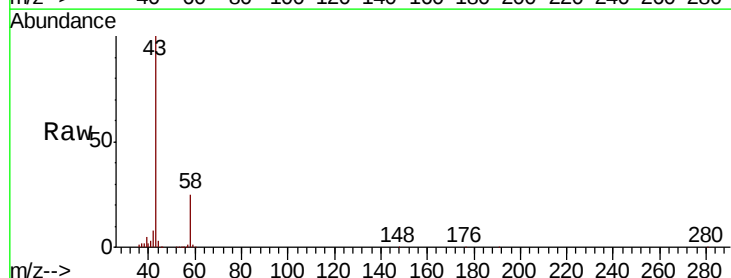
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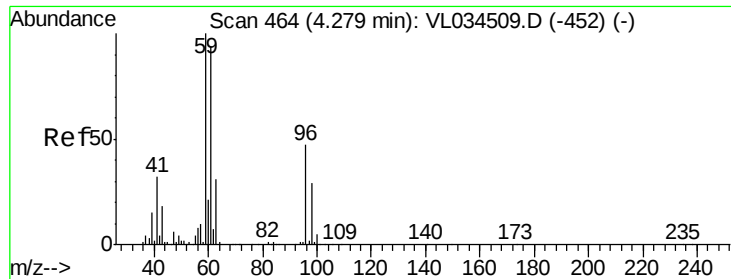
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#15
Acetone
Concen: 3.108 ppbv
RT: 3.83 min Scan# 326
Delta R.T. 0.01 min
Lab File: VL034534.D
Acq: 31 Dec 2019 5:44

Tgt Ion	43	58	Ratio	Lower	Upper
471396	100	24.4		20.4	30.6





#17

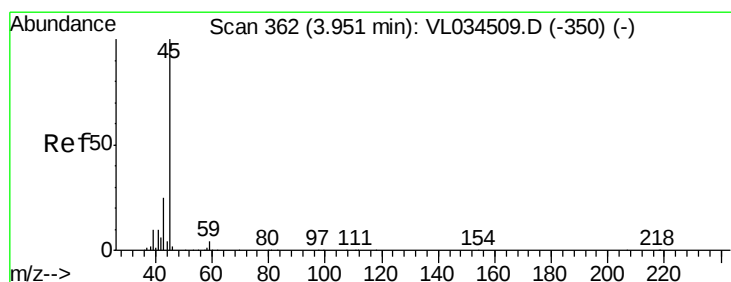
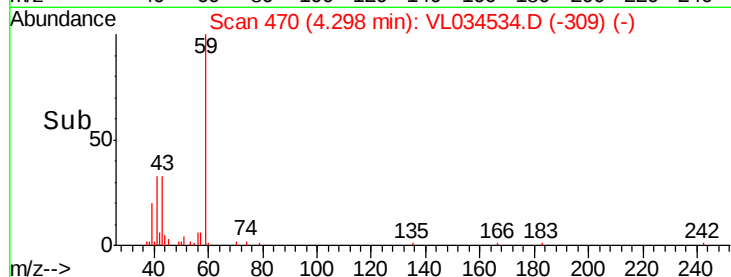
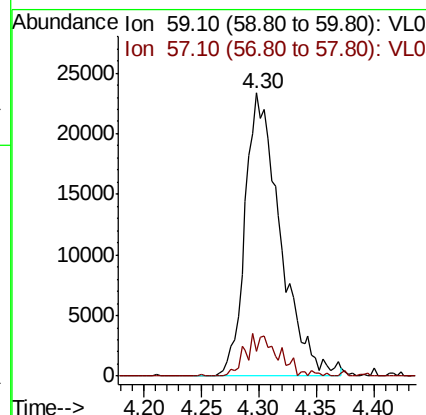
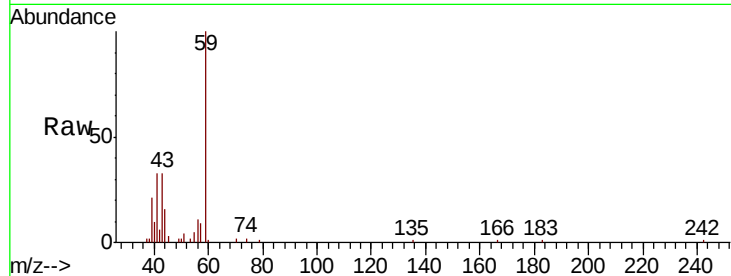
tert-Butyl alcohol
 Concen: 0.410 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.02 min
 Lab File: VL034534.D
 Acq: 31 Dec 2019 5:44

Instrument :
 MSVOA_L
 ClientSampled :
 29-1DL

Tot Ion	Ratio	Lower	Upper
59	100		
57	13.9	8.6	12.8#

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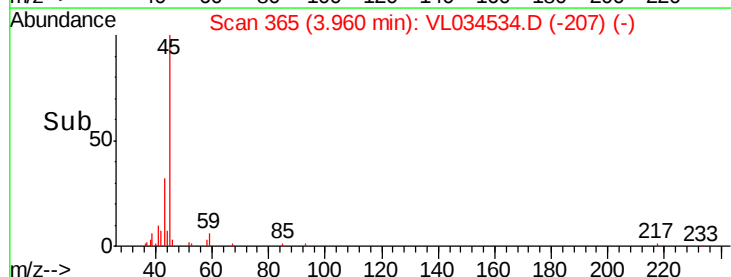
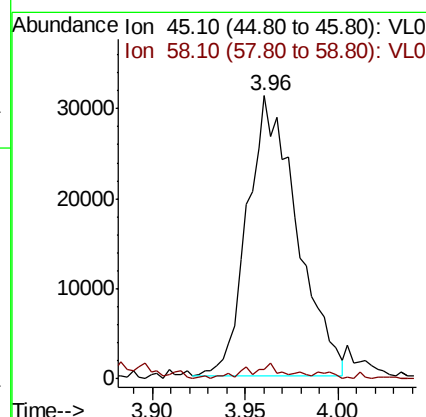
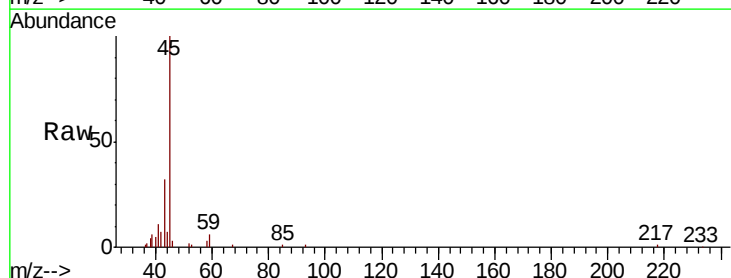
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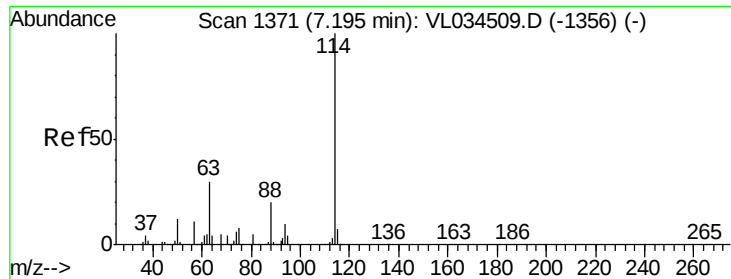


#19

Isopropyl Alcohol
 Concen: 0.593 ppbv
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VL034534.D
 Acq: 31 Dec 2019 5:44

Tgt Ion	Ratio	Lower	Upper
45	100		
58	197.3	1.4	2.0#





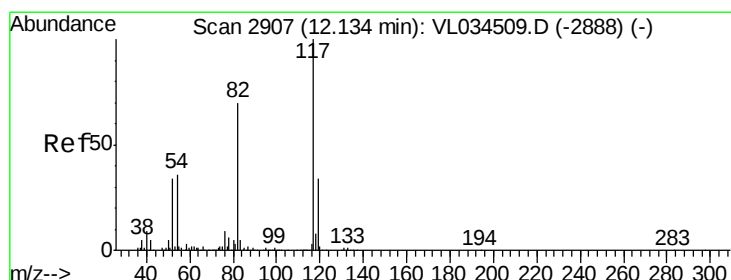
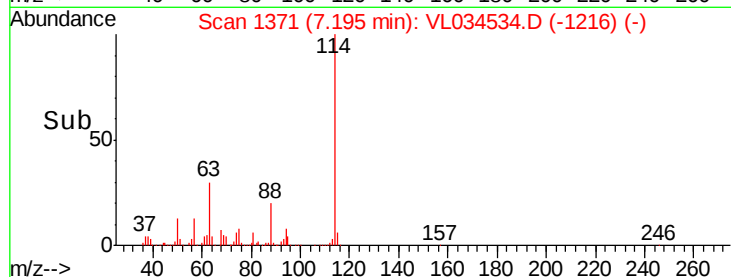
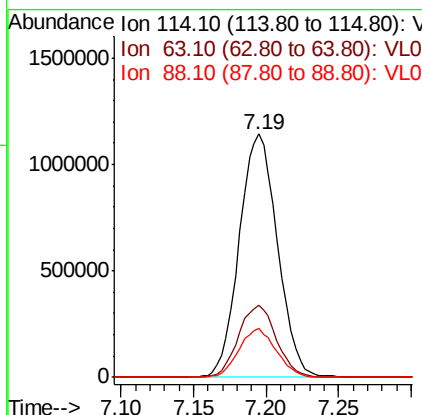
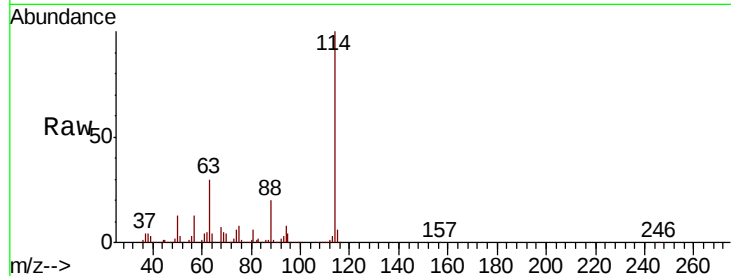
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: VL034534.D
 Acq: 31 Dec 2019 5:44

Instrument :
 MSVOA_L
 ClientSampleId :
 29-1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.5	24.1	36.1
88	19.5	15.7	23.5

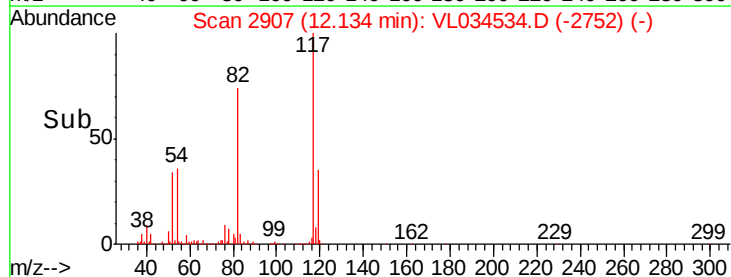
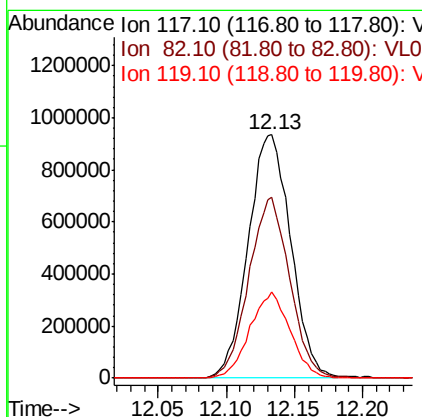
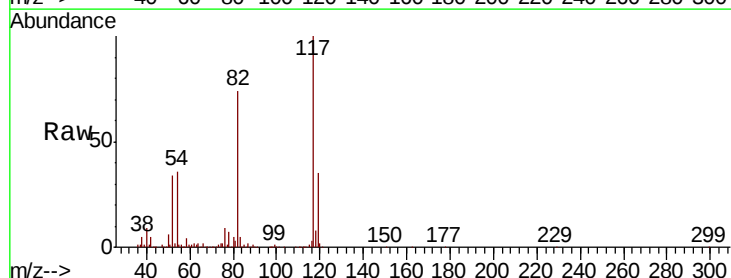
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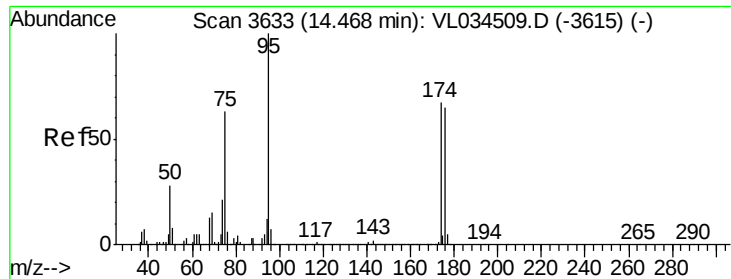
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.13 min Scan# 2907
 Delta R.T. -0.00 min
 Lab File: VL034534.D
 Acq: 31 Dec 2019 5:44

Tgt Ion	Ratio	Lower	Upper
117	100		
82	71.6	56.2	84.4
119	33.6	27.1	40.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.027 ppbv
 RT: 14.47 min Scan# 3633
 Delta R.T. -0.00 min
 Lab File: VL034534.D
 Acq: 31 Dec 2019 5:44

Instrument :
 MSVOA_L
 ClientSampleId :
 29-1DL

Tot Ion: 95 Resp: 1694961
 Ion Ratio Lower Upper
 95 100
 174 65.2 52.4 78.6
 175 4.8 3.9 5.9

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