

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL010220\
 Data File : VL034550.D
 Acq On : 2 Jan 2020 17:19
 Operator : SY/AP
 Sample : K6473-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MJ-2DL

Manual Integrations
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Quant Time: Jan 03 05:48:10 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
 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	972188	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1898291	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	1863101	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1559483	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.96	51	13015m	0.112	ppbv	
9) Propene	2.99	41	25801	0.578	ppbv #	75
13) Ethanol	3.57	45	501699	40.489	ppbv	99
15) Acetone	3.84	43	109877	0.774	ppbv	97
19) Isopropyl Alcohol	3.95	45	49141	0.535	ppbv #	89
34) 2-Butanone	5.24	43	14104	0.104	ppbv	96

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

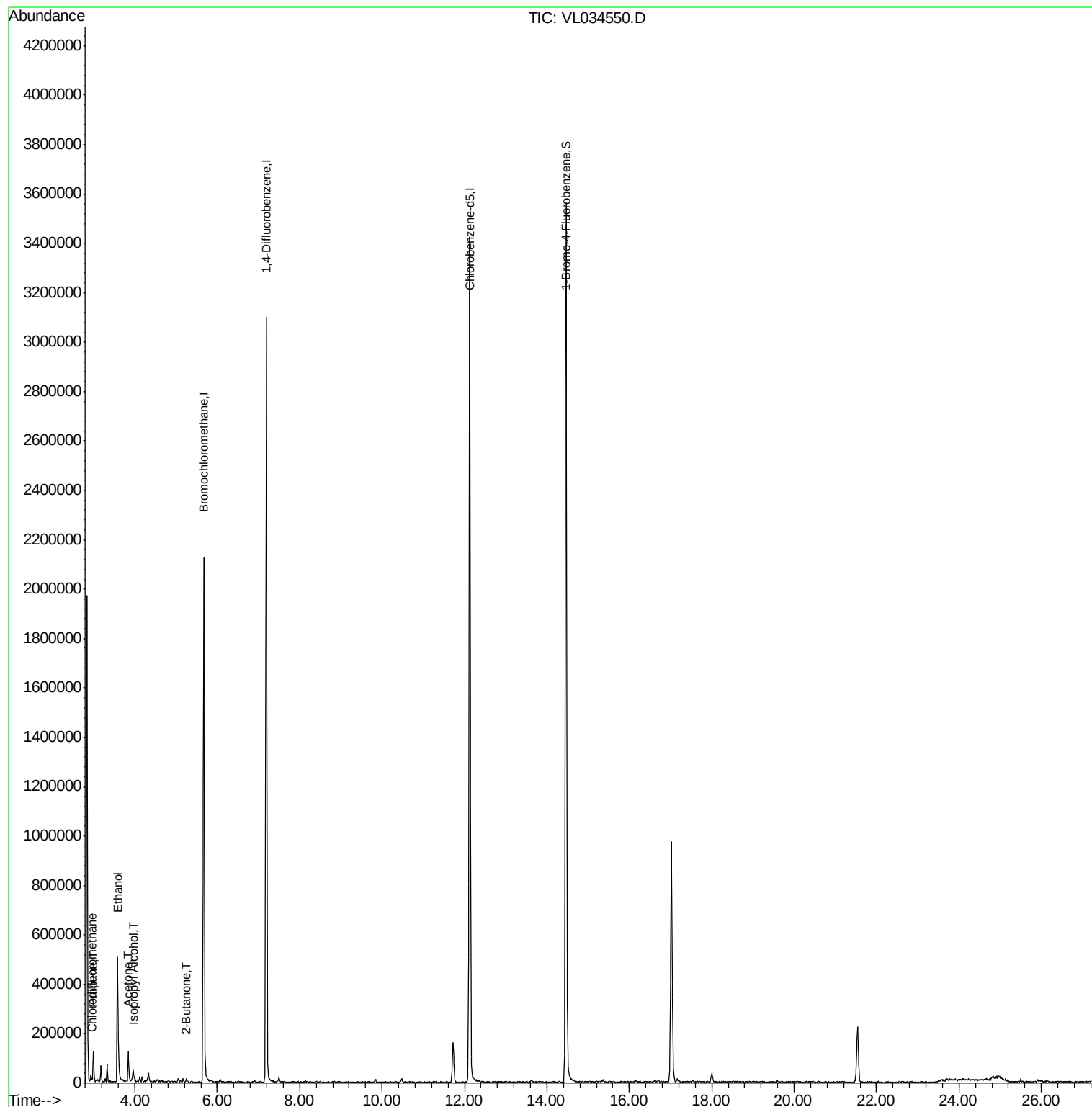
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL010220\
Data File : VL034550.D
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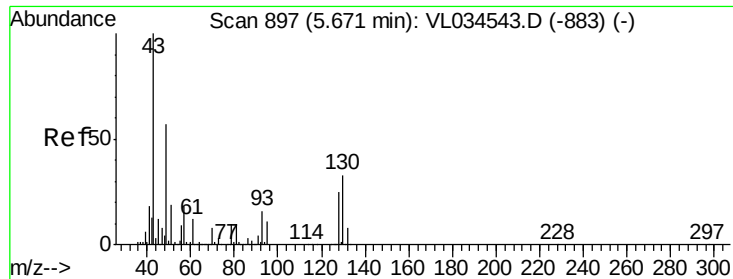
Instrument :
MSVOA_L
ClientSampleId :
MJ-2DL

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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# 896

Delta R.T. -0.01 min

Lab File: VL034550.D

Acq: 2 Jan 2020 17:19

Instrument :

MSVOA_L

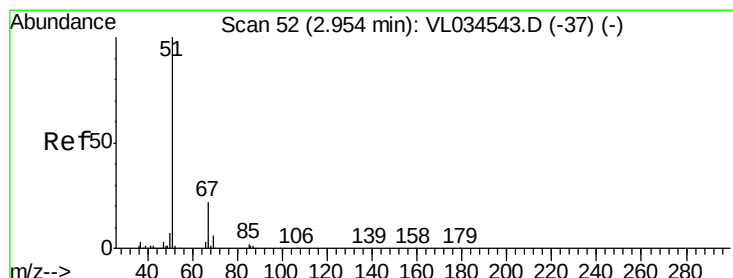
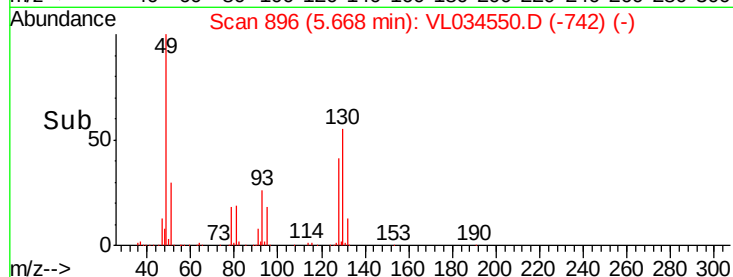
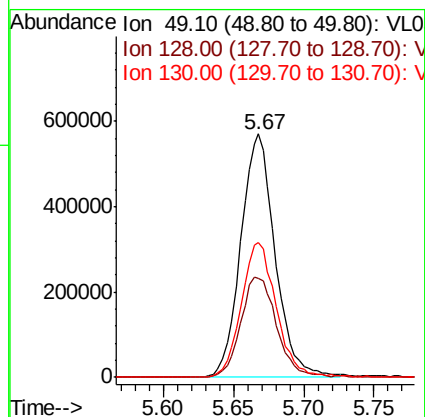
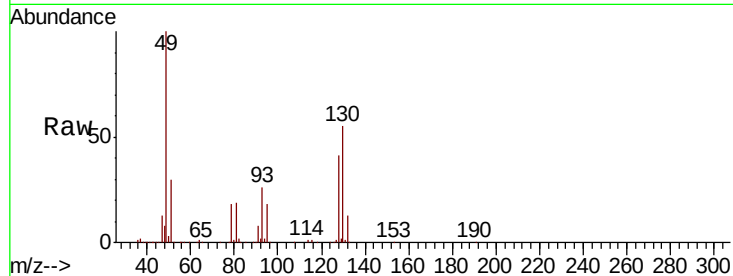
ClientSampled :

MJ-2DL

Tot Ion:	49	Resp:	972188
Ion	Ratio	Lower	Upper
49	100		
128	43.9	22.4	67.2
130	57.5	28.3	85.0

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#3

Chlorodifluoromethane

Concen: 0.112 ppbv m

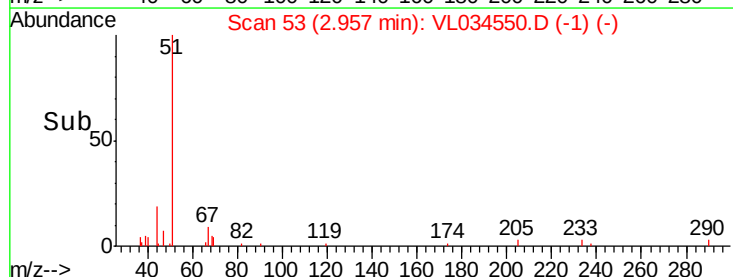
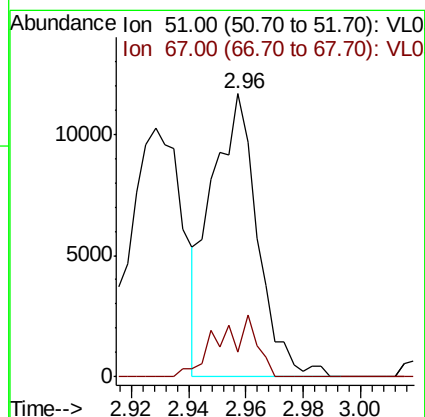
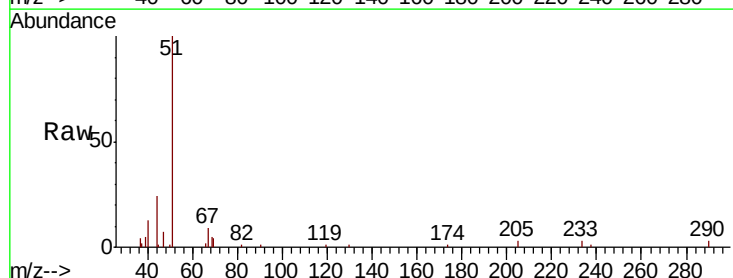
RT: 2.96 min Scan# 53

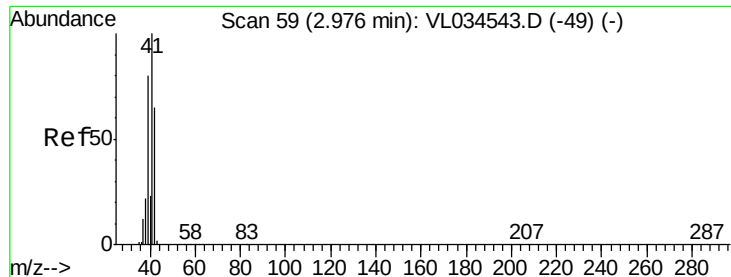
Delta R.T. 0.00 min

Lab File: VL034550.D

Acq: 2 Jan 2020 17:19

Tgt Ion:	51	Resp:	13015
Ion	Ratio	Lower	Upper
51	100		
67	18.1	16.8	25.2





#9

Propene

Concen: 0.578 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.01 min

Lab File: VL034550.D

Acq: 2 Jan 2020 17:19

Instrument :

MSVOA_L

ClientSampled :

MJ-2DL

Tot Ion: 41 Resp: 25801

Ion Ratio Lower Upper

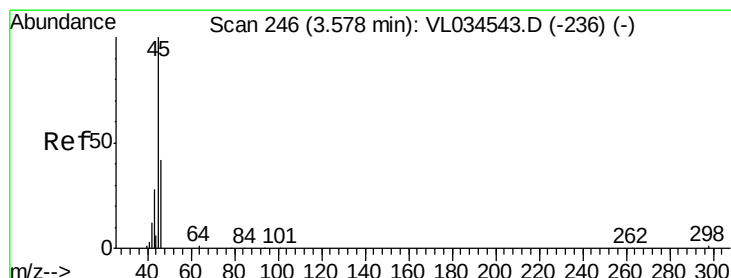
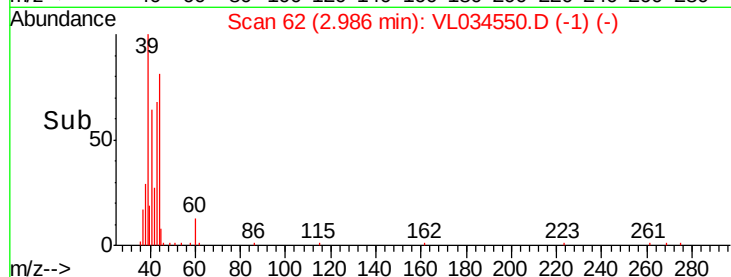
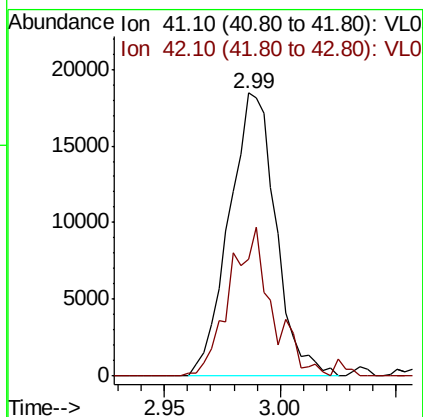
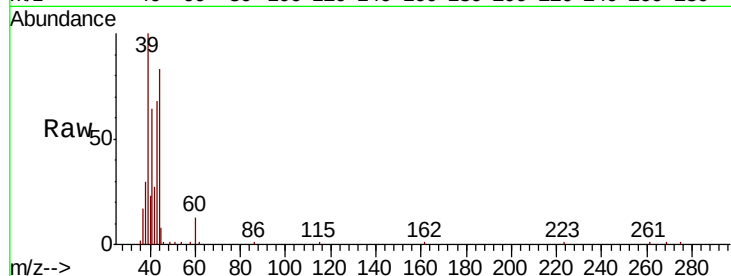
41 100

42 49.3 55.8 83.6#

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#13

Ethanol

Concen: 40.489 ppbv

RT: 3.57 min Scan# 245

Delta R.T. -0.01 min

Lab File: VL034550.D

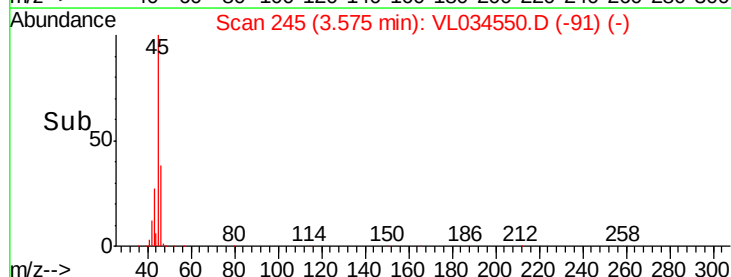
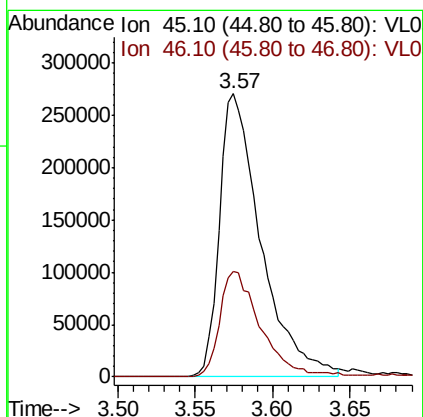
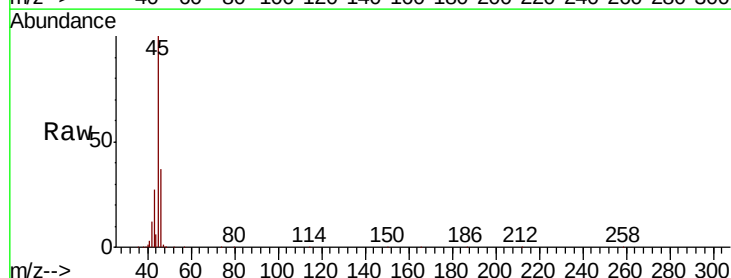
Acq: 2 Jan 2020 17:19

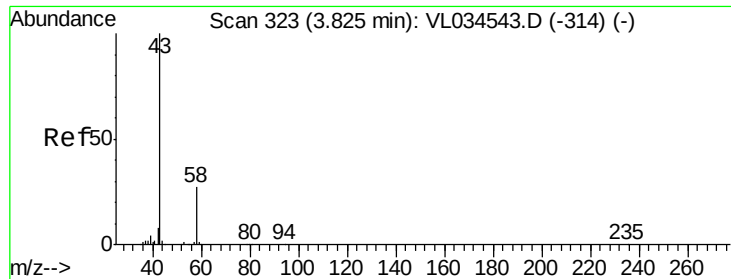
Tgt Ion: 45 Resp: 501699

Ion Ratio Lower Upper

45 100

46 37.9 14.9 59.7





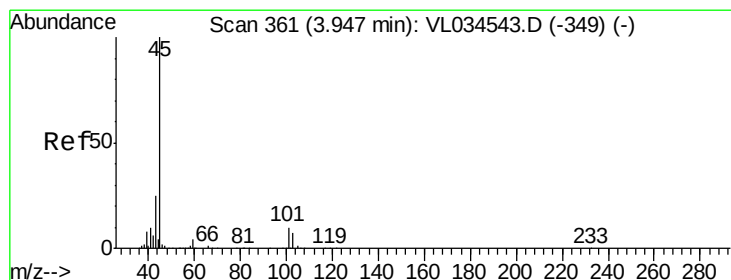
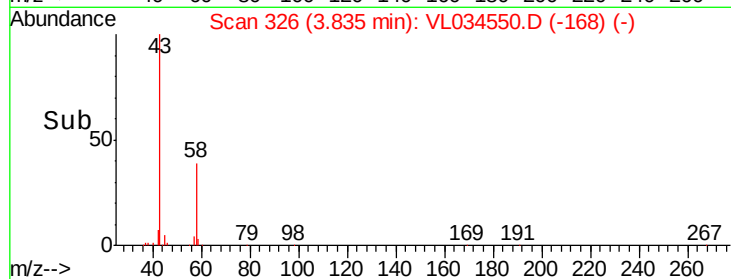
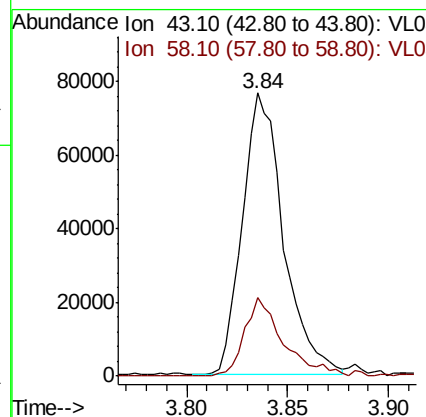
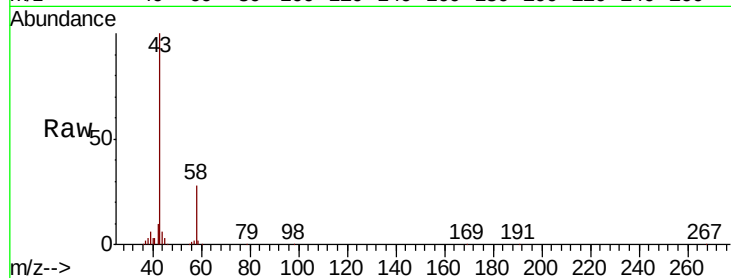
#15
Acetone
Concen: 0.774 ppbv
RT: 3.84 min Scan# 326
Delta R.T. 0.01 min
Lab File: VL034550.D
Acq: 2 Jan 2020 17:19

Instrument :
MSVOA_L
ClientSampled :
MJ-2DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	26.9	20.4	30.6

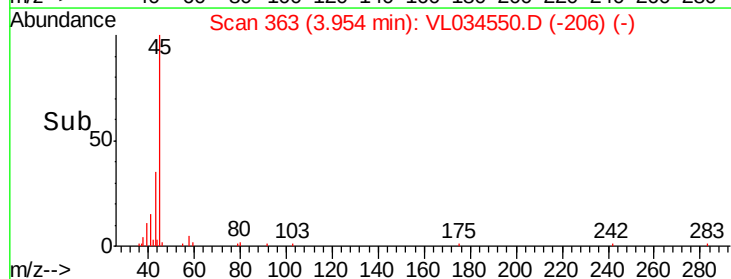
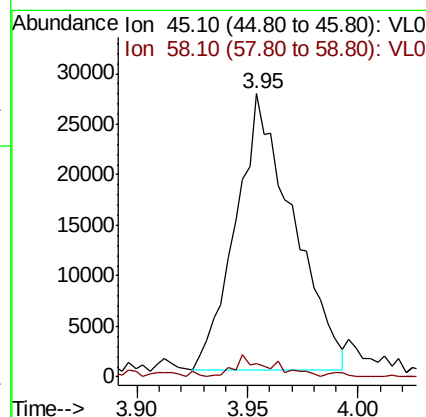
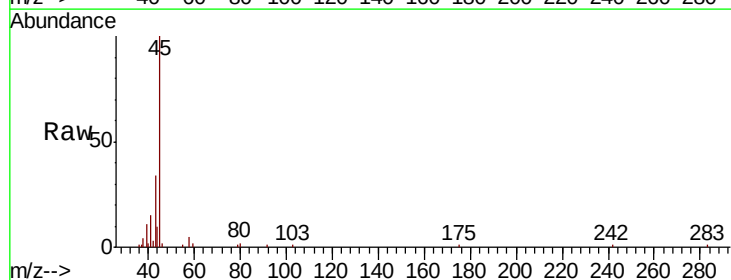
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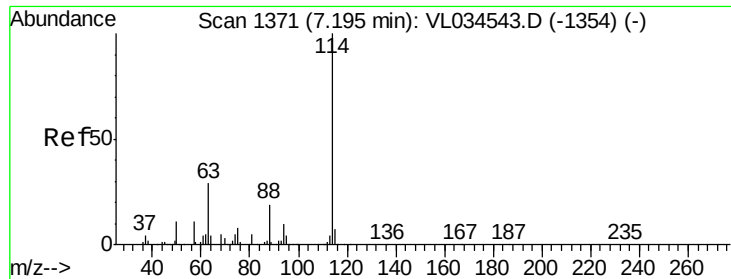
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#19
Isopropyl Alcohol
Concen: 0.535 ppbv
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VL034550.D
Acq: 2 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
45	100		
58	5.6	1.4	2.0#





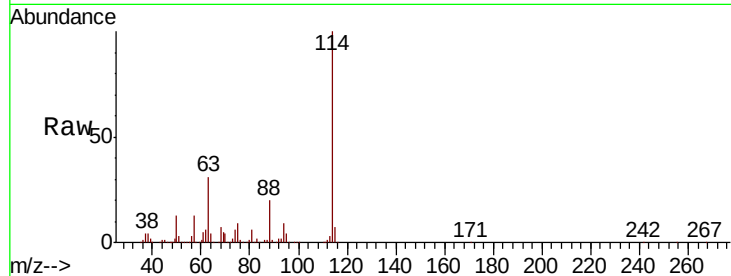
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: VL034550.D
 Acq: 2 Jan 2020 17:19

Instrument :
 MSVOA_L
 ClientSampled :
 MJ-2DL

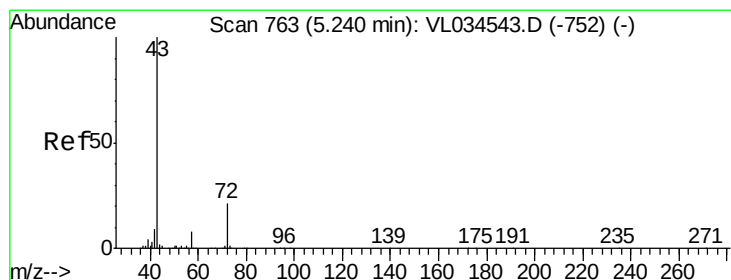
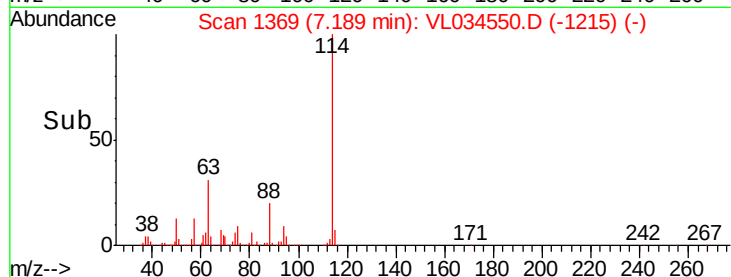
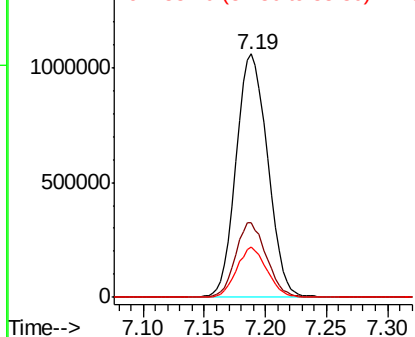
Tot Ion	Ratio	Lower	Upper
114	100		
63	29.9	24.1	36.1
88	19.7	15.7	23.5

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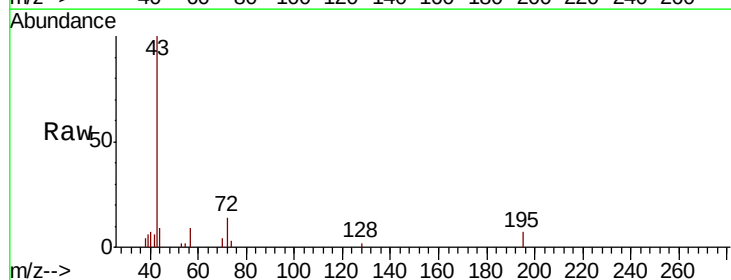


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

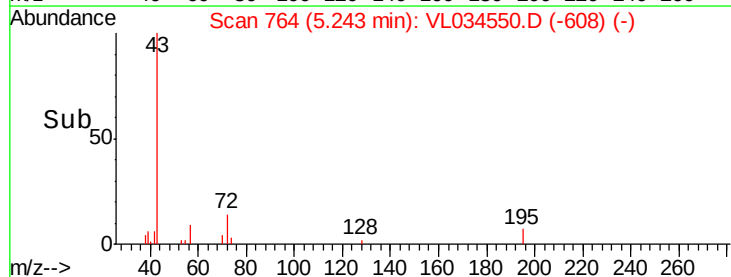
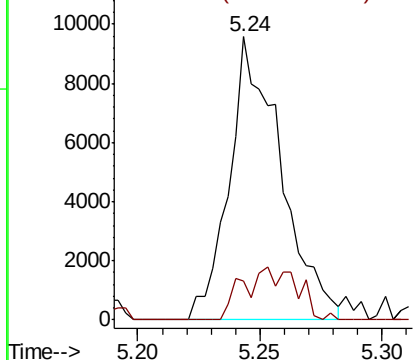


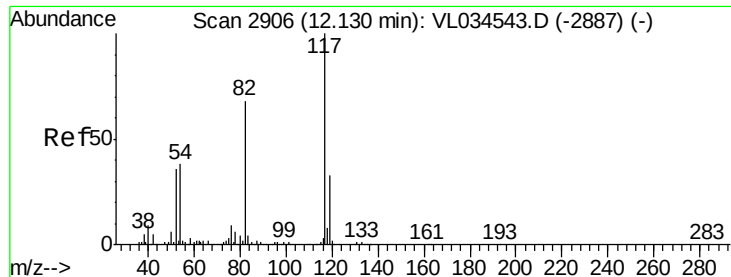
#34
 2-Butanone
 Concen: 0.104 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: VL034550.D
 Acq: 2 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
43	100		
72	19.5	17.0	25.4



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





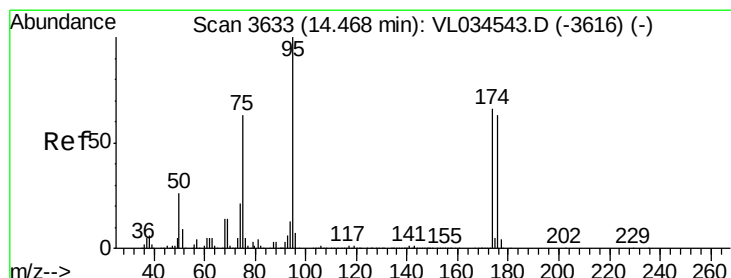
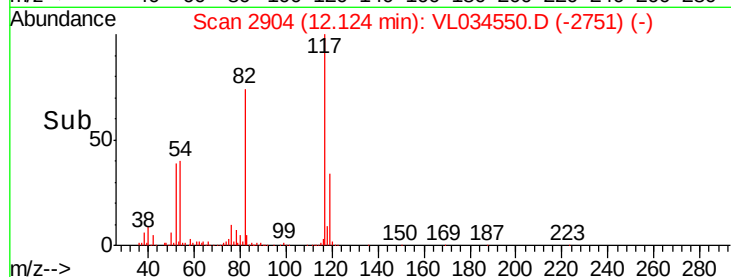
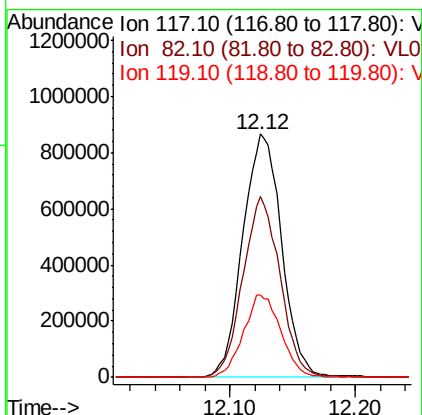
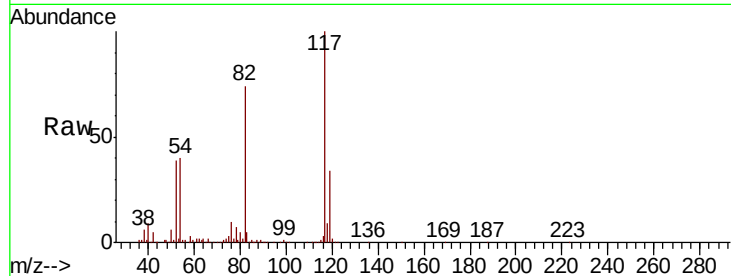
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL034550.D
Acq: 2 Jan 2020 17:19

Instrument :
MSVOA_L
ClientSampled :
MJ-2DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	71.2	56.2	84.4
119	33.0	27.1	40.7

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.031 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. -0.01 min
Lab File: VL034550.D
Acq: 2 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.5	52.4	78.6
175	4.5	3.9	5.9

