

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120919\
 Data File : VL034471.D
 Acq On : 9 Dec 2019 19:26
 Operator : SY/AP
 Sample : K6195-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 5S-TEDL

Manual Integrations
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Quant Time: Dec 11 11:29:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1003020	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.19	114	1999116	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1971084	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1654534	9.98	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.58	45	217153	14.031	ppbv	94
15) Acetone	3.84	43	136167	0.948	ppbv	95
19) Isopropyl Alcohol	3.96	45	135496	1.472	ppbv	99
26) Hexane	5.69	57	26951m	0.245	ppbv	
52) Tetrachloroethene	11.26	164	11907m	0.138	ppbv	

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

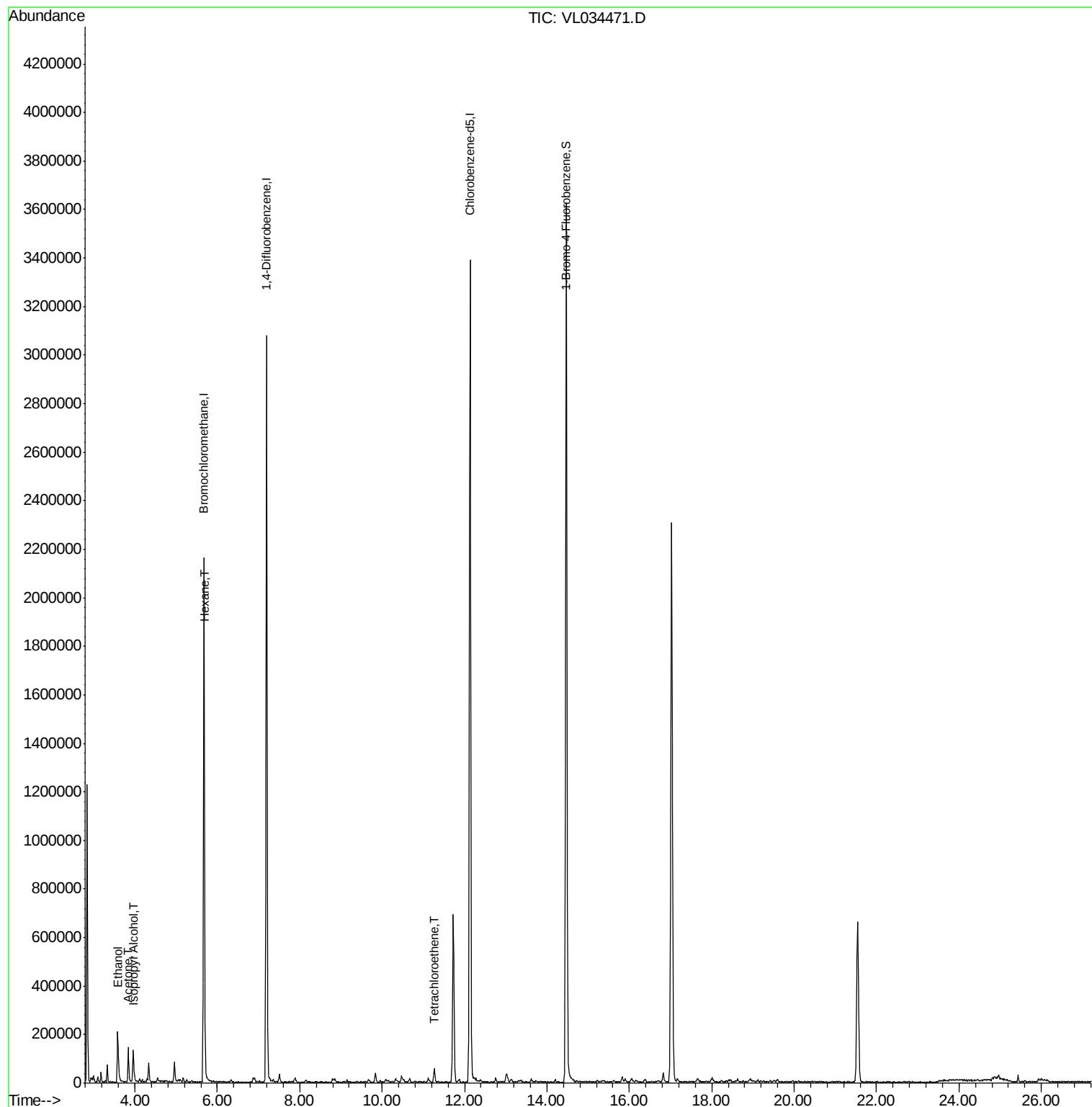
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120919\
Data File : VL034471.D
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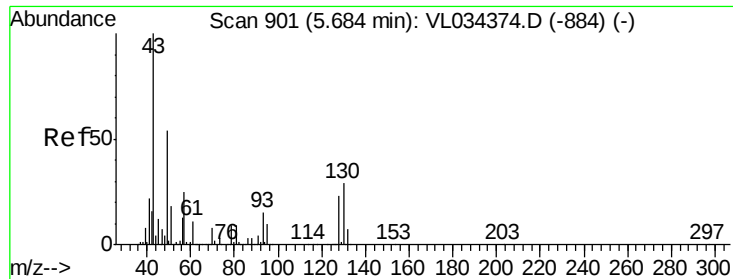
Instrument :
MSVOA_L
ClientSampleId :
5S-TEDL

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Quant Time: Dec 11 11:29:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

Lab File: VL034471.D

Acq: 9 Dec 2019 19:26

Instrument :

MSVOA_L

ClientSampled :

5S-TEDL

Tot Ion: 49 Resp: 1003020

Ion Ratio Lower Upper

49 100

128 43.5 21.8 65.3

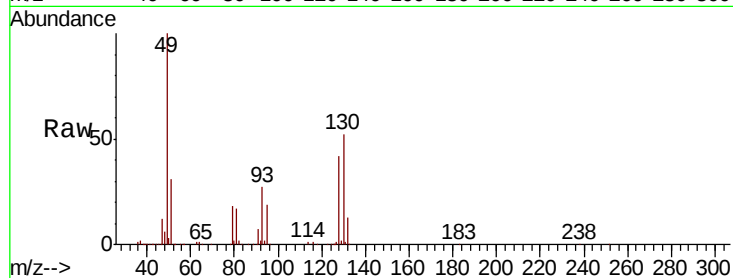
130 55.7 28.0 84.0

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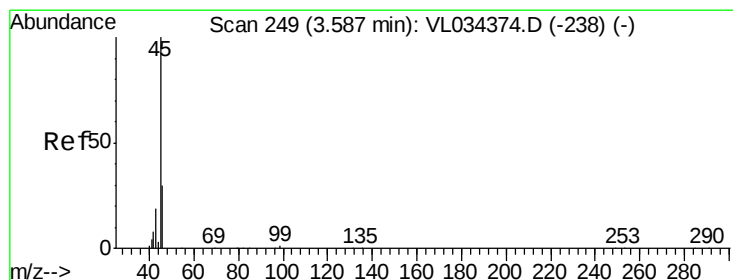
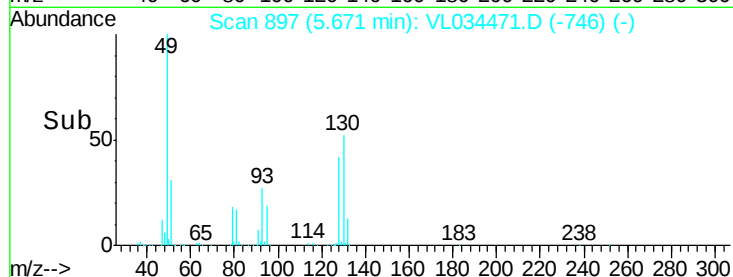
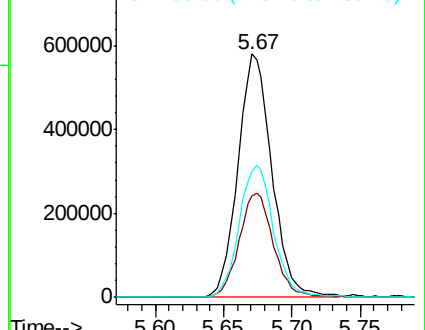
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 14.031 ppbv

RT: 3.58 min Scan# 247

Delta R.T. -0.01 min

Lab File: VL034471.D

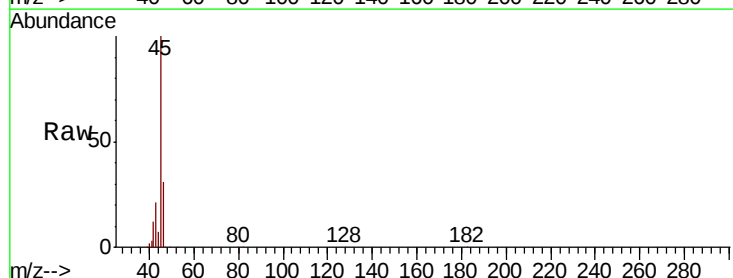
Acq: 9 Dec 2019 19:26

Tgt Ion: 45 Resp: 217153

Ion Ratio Lower Upper

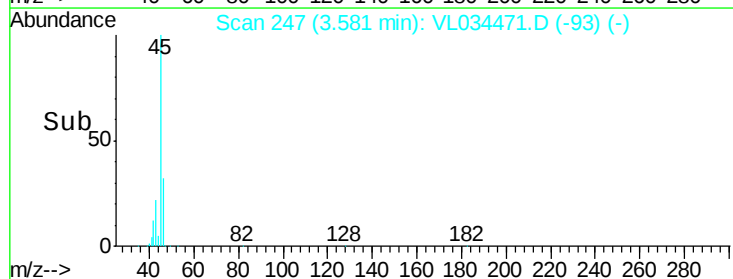
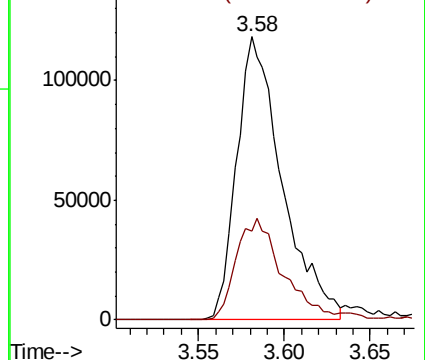
45 100

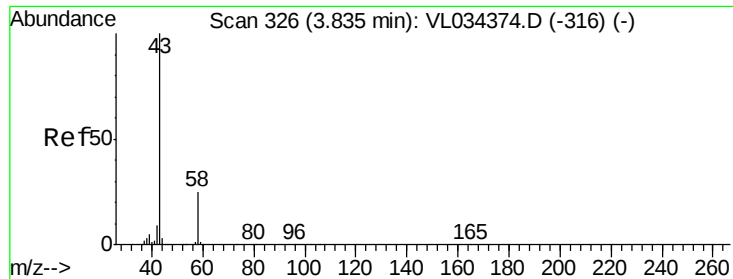
46 37.8 13.8 55.4



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.948 ppbv

RT: 3.84 min Scan# 327

Delta R.T. 0.00 min

Lab File: VL034471.D

Acq: 9 Dec 2019 19:26

Instrument :

MSVOA_L

ClientSampleId :

5S-TEDL

Tot Ion: 43 Resp: 136167

Ion Ratio Lower Upper

43 100

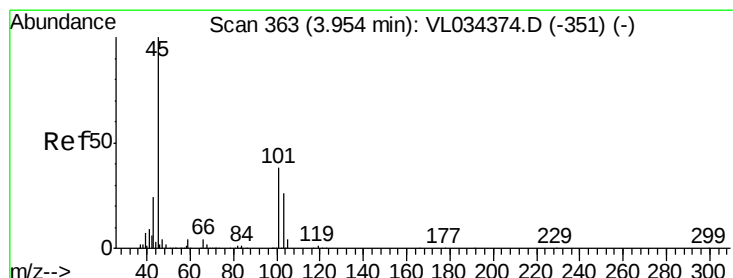
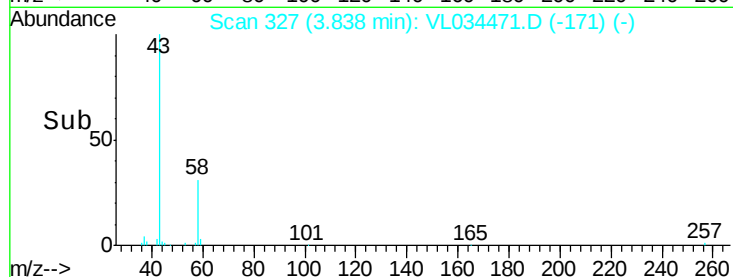
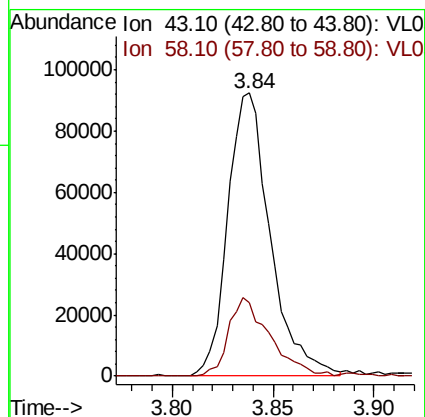
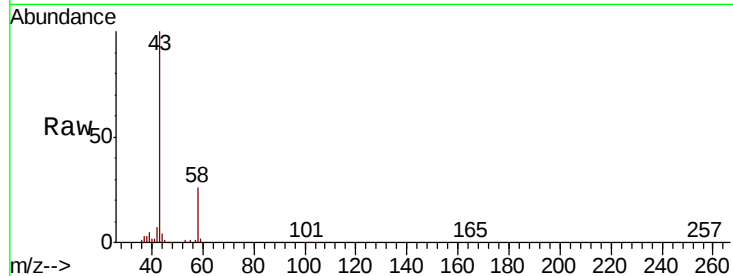
58 27.7 20.2 30.4

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#19

Isopropyl Alcohol

Concen: 1.472 ppbv

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VL034471.D

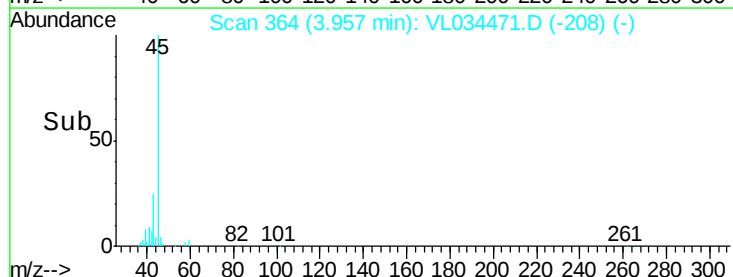
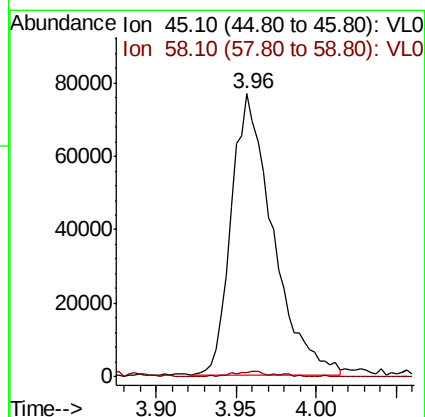
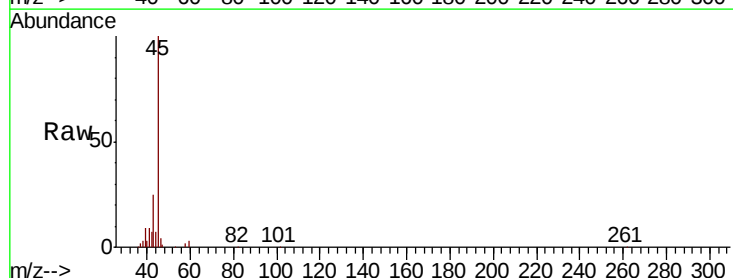
Acq: 9 Dec 2019 19:26

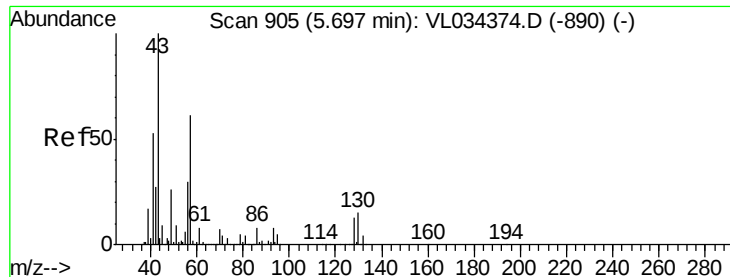
Tgt Ion: 45 Resp: 135496

Ion Ratio Lower Upper

45 100

58 1.9 1.3 1.9





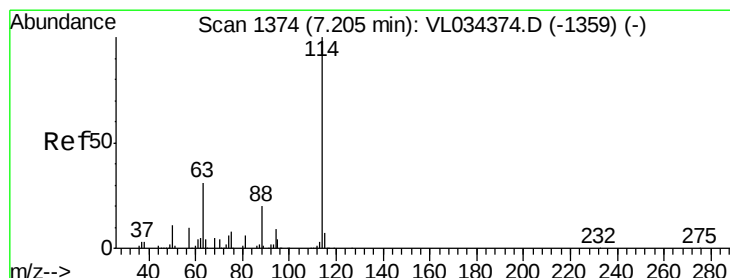
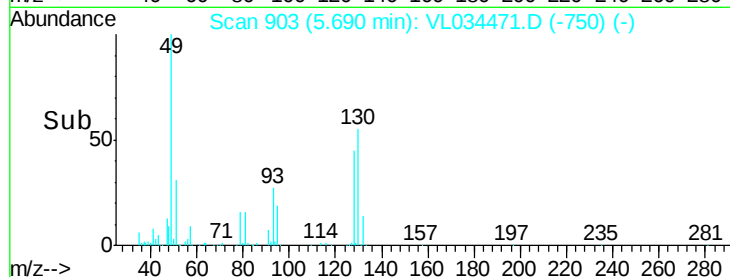
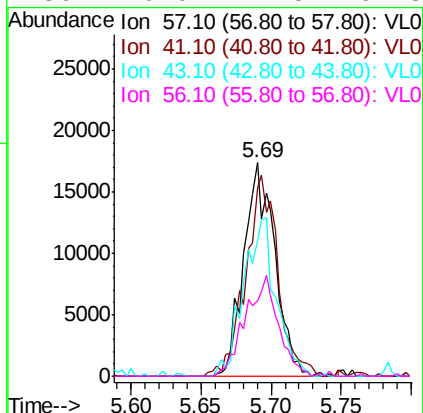
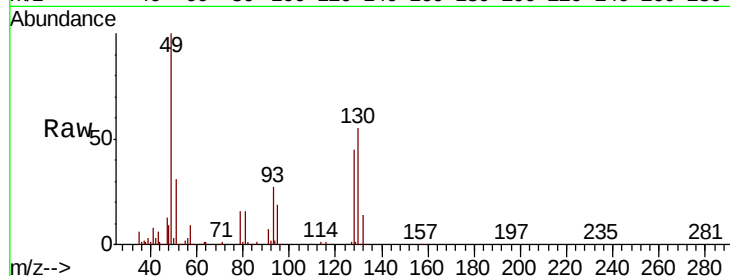
#26
Hexane
Concen: 0.245 ppbv m
RT: 5.69 min Scan# 903
Delta R.T. -0.01 min
Lab File: VL034471.D
Acq: 9 Dec 2019 19:26

Instrument :
MSVOA_L
ClientSampled :
5S-TEDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	0.0	75.0	112.4#
43	0.0	186.6	279.8#
56	0.0	41.5	62.3#

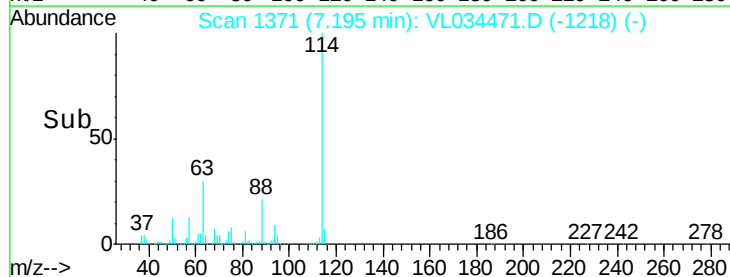
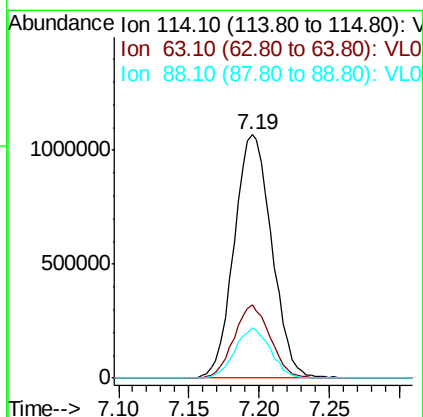
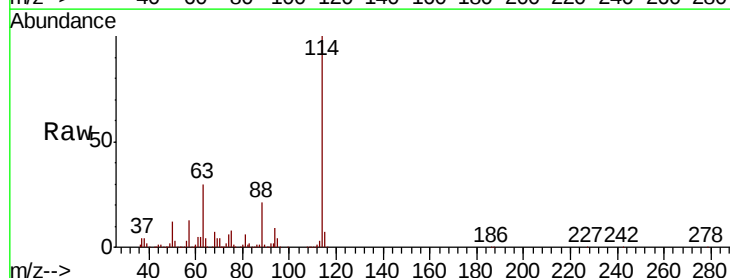
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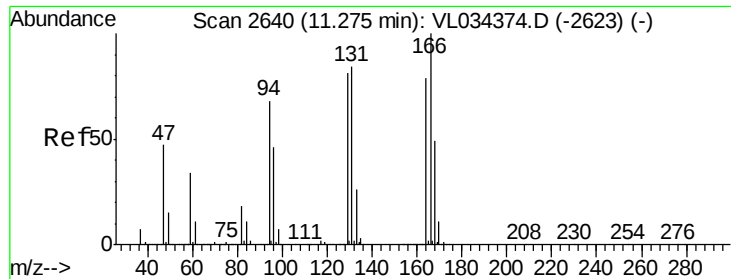
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1371
Delta R.T. -0.01 min
Lab File: VL034471.D
Acq: 9 Dec 2019 19:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.1	24.2	36.4
88	19.4	15.9	23.9





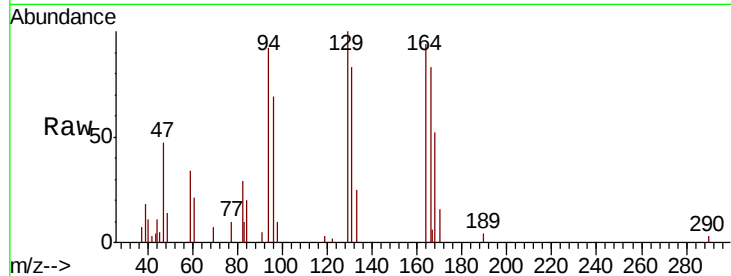
#52
Tetrachloroethene
Concen: 0.138 ppbv m
RT: 11.26 min Scan# 2636
Delta R.T. -0.01 min
Lab File: VL034471.D
Acq: 9 Dec 2019 19:26

Instrument :
MSVOA_L
ClientSampleId :
5S-TEDL

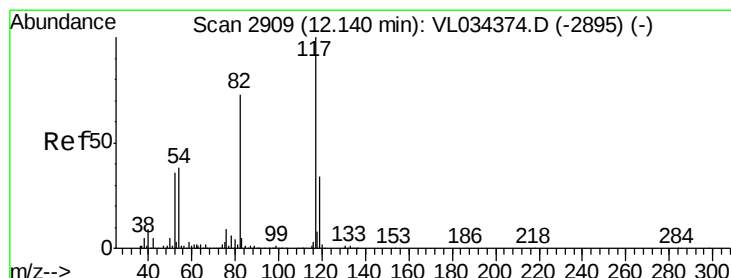
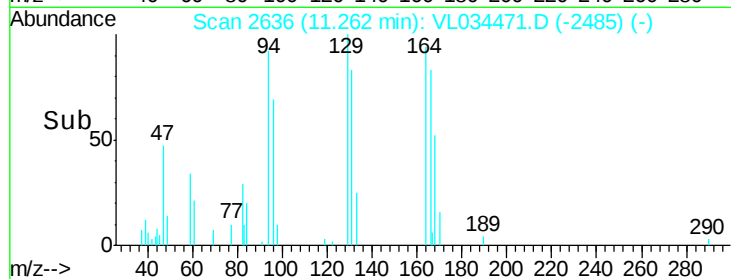
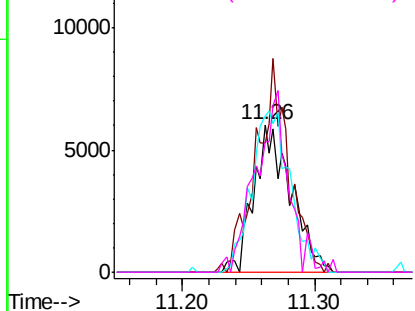
Tot Ion	Ratio	Lower	Upper
164	100		
166	87.7	101.7	152.5#
129	105.9	82.6	123.8
131	88.3	85.2	127.8

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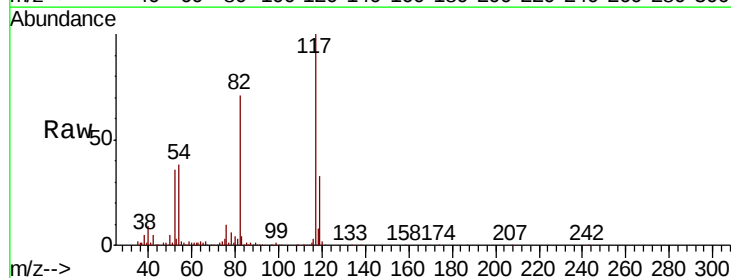


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

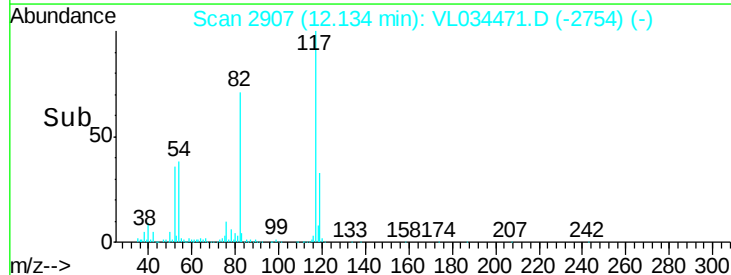
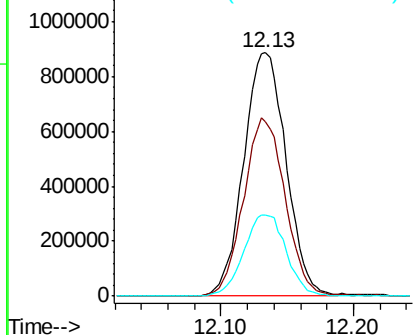


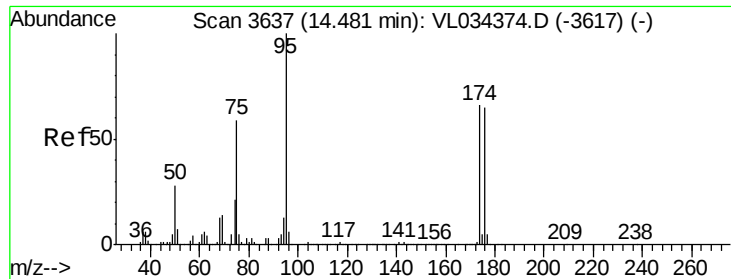
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL034471.D
Acq: 9 Dec 2019 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
82	72.2	57.5	86.3
119	33.4	25.4	38.2



Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.978 ppbv

RT: 14.47 min Scan# 3633

Delta R.T. -0.01 min

Lab File: VL034471.D

Acq: 9 Dec 2019 19:26

Instrument :

MSVOA_L

ClientSampleId :

5S-TEDL

Tot Ion: 95 Resp: 1654534

Ion Ratio Lower Upper

95 100

174 65.5 52.2 78.2

175 4.9 3.8 5.8

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