

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062619\
 Data File : VL033971.D
 Acq On : 26 Jun 2019 17:21
 Operator : SY/AP
 Sample : K3538-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR-AIRDL

Manual Integrations
 APPROVED

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 6/27/2019 3:01:03 PM

Quant Time: Jun 27 04:46:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	760460	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	1770371	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	1731096	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.55	95	1435662	10.10	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.16	50	7362	0.144	ppbv	# 87
9) Propene	3.04	41	404883m	12.087	ppbv	
13) Ethanol	3.64	45	71494m	6.560	ppbv	
15) Acetone	3.91	43	134706m	1.215	ppbv	
20) Methylene Chloride	4.39	84	45499	1.052	ppbv	92

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

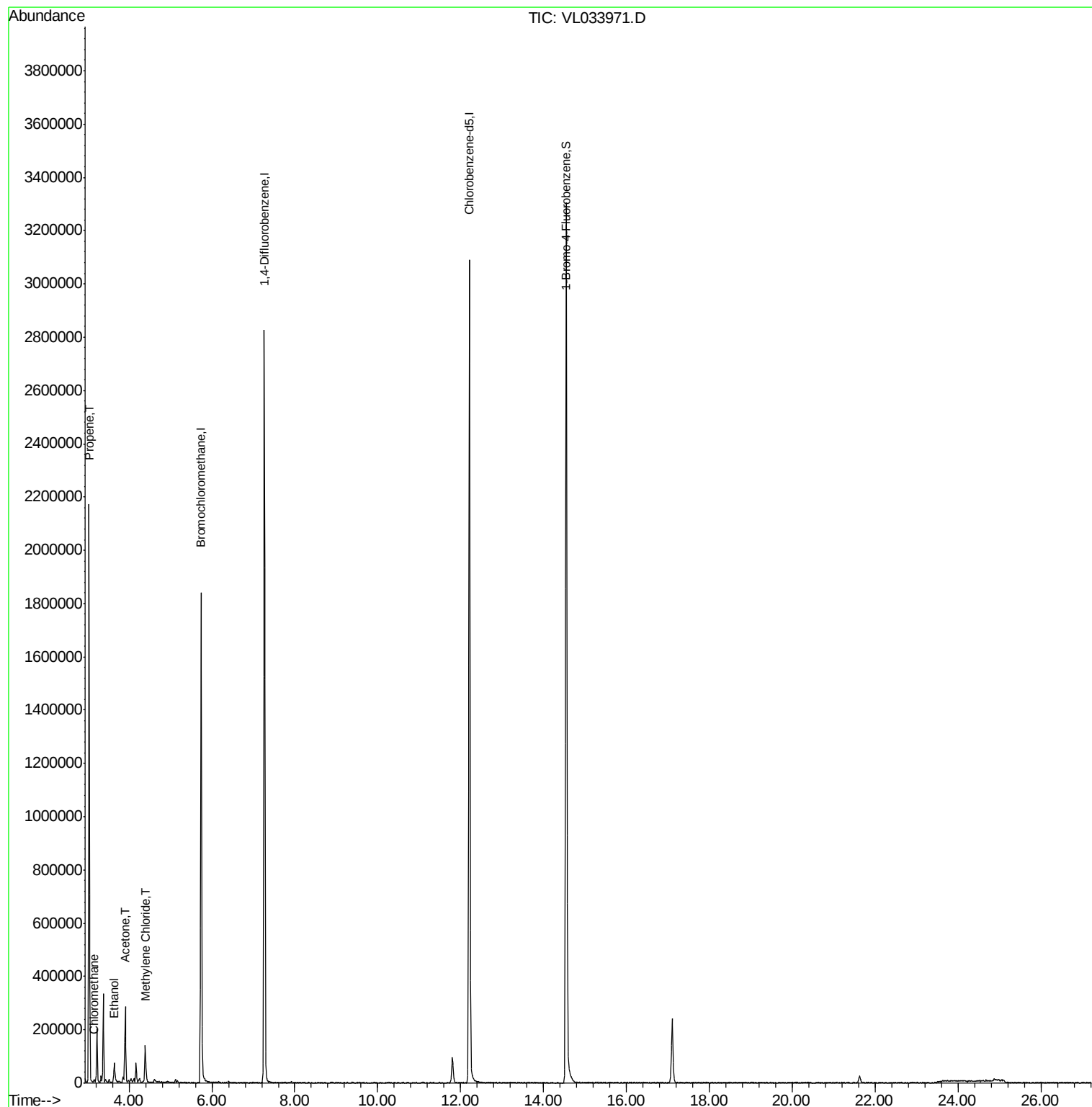
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062619\
Data File : VL033971.D
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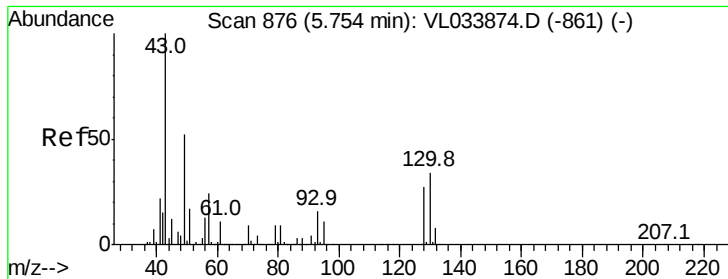
Instrument :
MSVOA_L
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Response via : Initial Calibration





#1

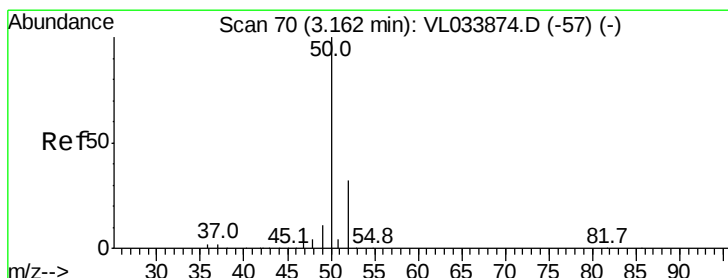
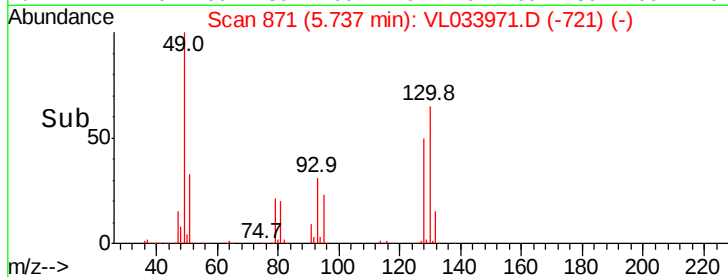
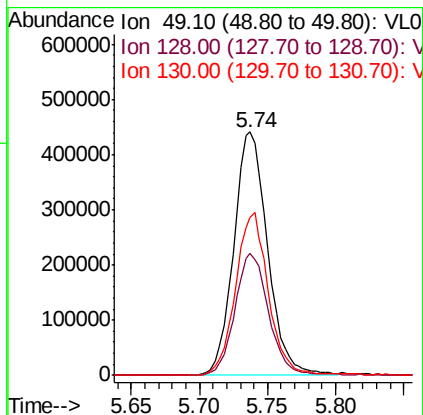
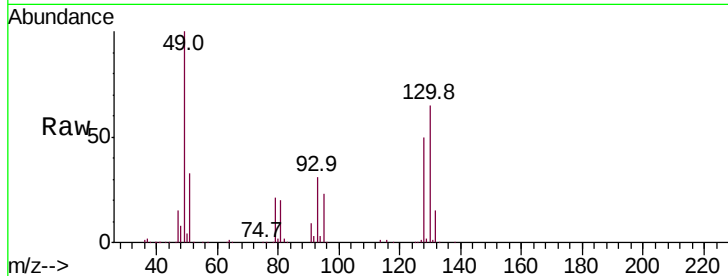
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.74 min Scan# 871
Delta R.T. -0.02 min
Lab File: VL033971.D
Acq: 26 Jun 2019 17:21

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIRDL

Tot Ion	Ratio	Lower	Upper
49	100		
128	50.0	25.5	76.5
130	65.5	32.5	97.4

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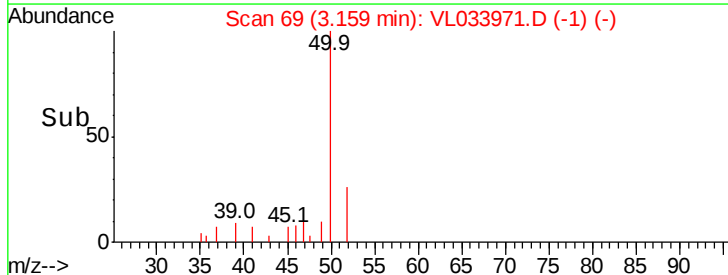
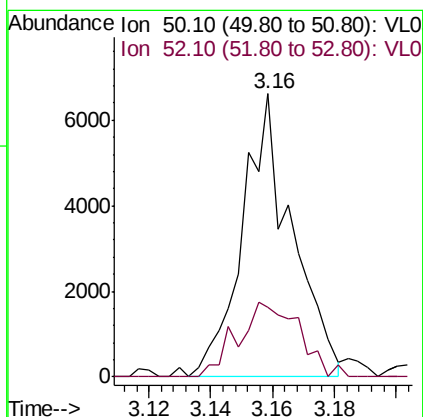
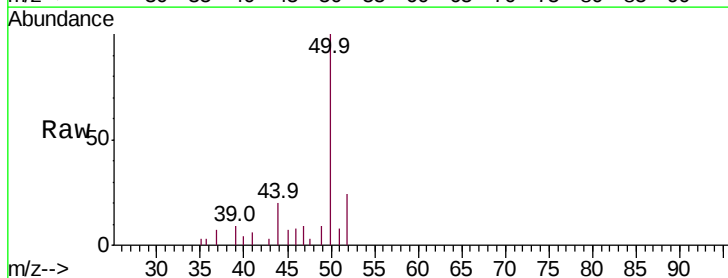
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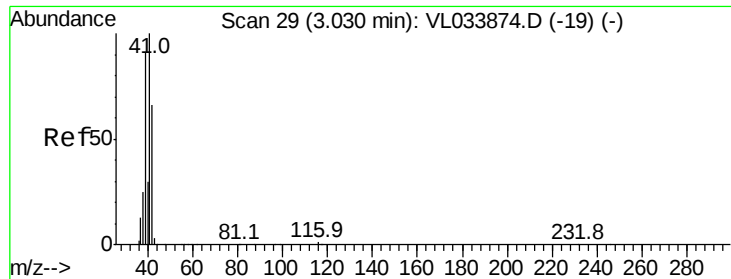


#4

Chloromethane
Concen: 0.144 ppbv
RT: 3.16 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL033971.D
Acq: 26 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
50	100		
52	24.4	25.4	38.0#





#9

Propene

Concen: 12.087 ppbv m

RT: 3.04 min Scan# 31

Delta R.T. 0.01 min

Lab File: VL033971.D

Acq: 26 Jun 2019 17:21

Instrument :

MSVOA_L

ClientSampleId :

INDOOR-AIRDL

Tot Ion: 41 Resp: 404883

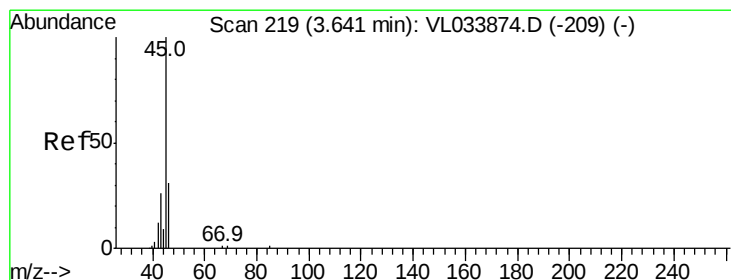
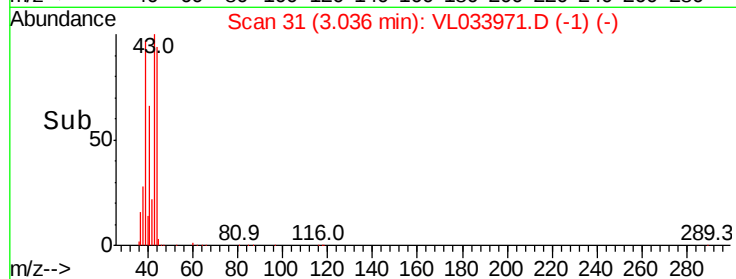
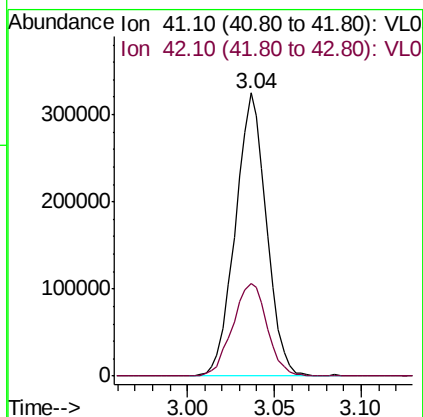
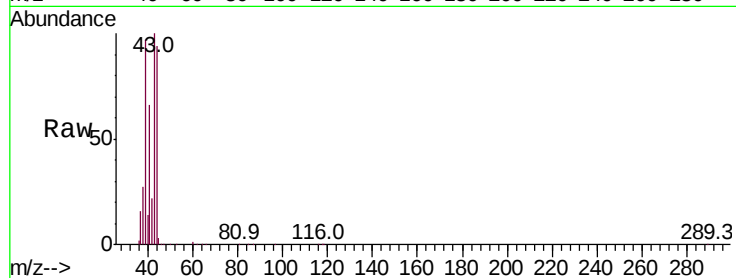
Ion Ratio Lower Upper

41 100

42 8.1 56.3 84.5#

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#13

Ethanol

Concen: 6.560 ppbv m

RT: 3.64 min Scan# 220

Delta R.T. 0.00 min

Lab File: VL033971.D

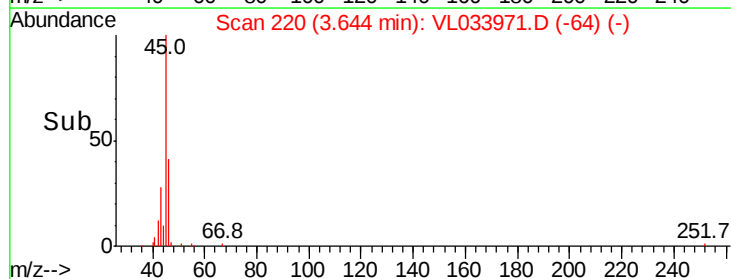
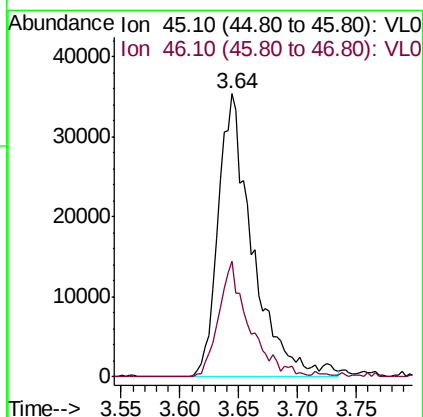
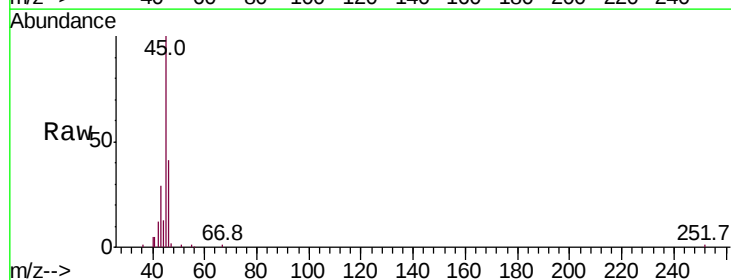
Acq: 26 Jun 2019 17:21

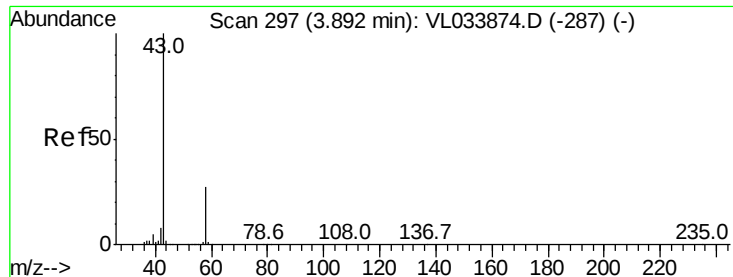
Tgt Ion: 45 Resp: 71494

Ion Ratio Lower Upper

45 100

46 36.7 15.3 61.1





#15

Acetone

Concen: 1.215 ppbv m

RT: 3.91 min Scan# 302

Delta R.T. 0.02 min

Lab File: VL033971.D

Acq: 26 Jun 2019 17:21

Instrument :

MSVOA_L

ClientSampleId :

INDOOR-AIRDL

Tot Ion: 43 Resp: 134706

Ion Ratio Lower Upper

43 100

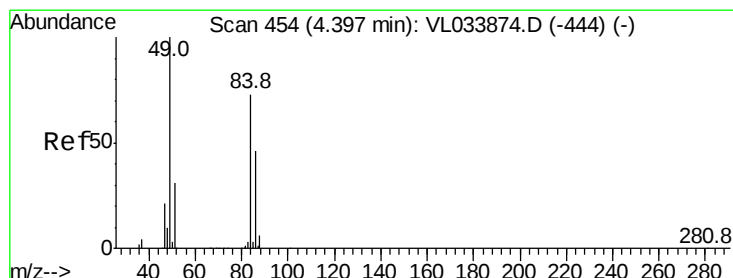
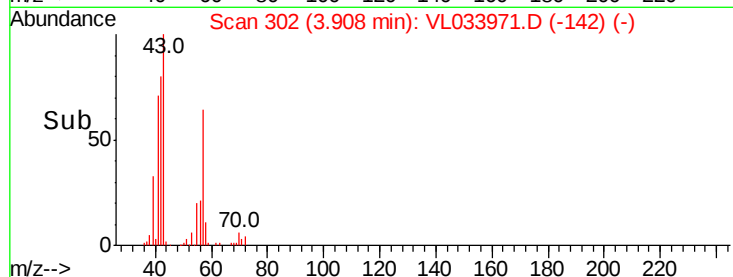
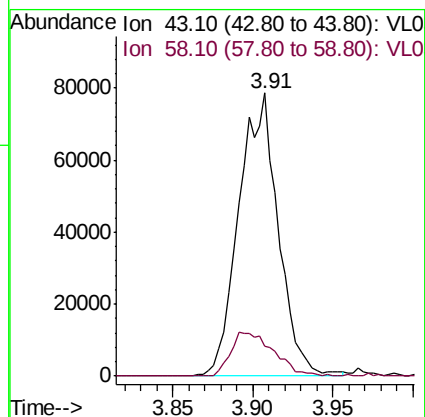
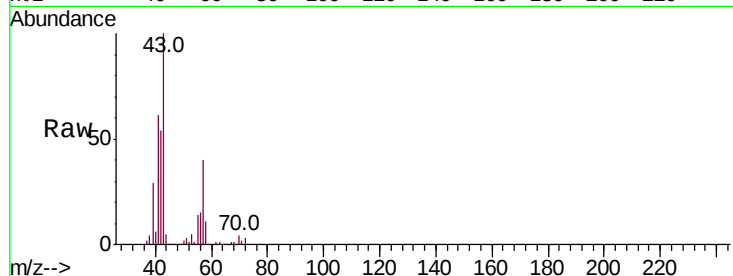
58 17.1 21.3 31.9#

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#20

Methylene Chloride

Concen: 1.052 ppbv

RT: 4.39 min Scan# 451

Delta R.T. -0.01 min

Lab File: VL033971.D

Acq: 26 Jun 2019 17:21

Tgt Ion: 84 Resp: 45499

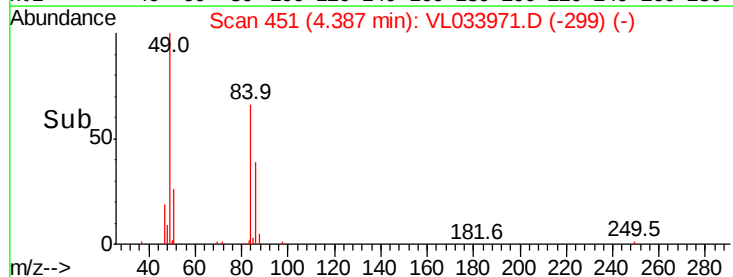
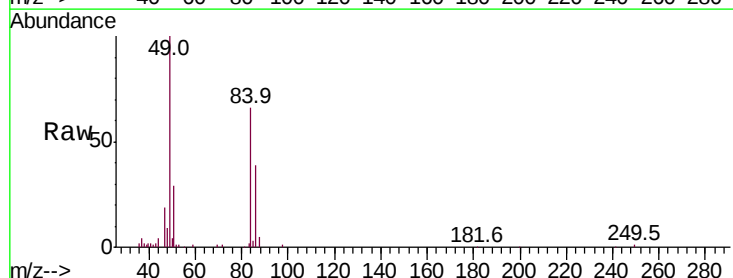
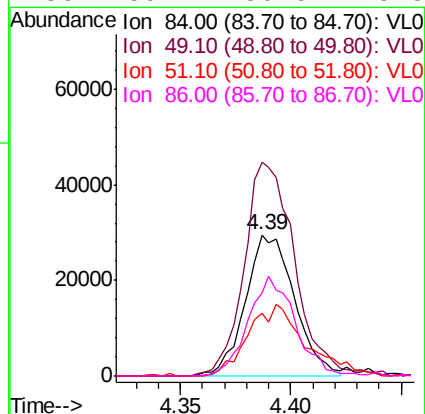
Ion Ratio Lower Upper

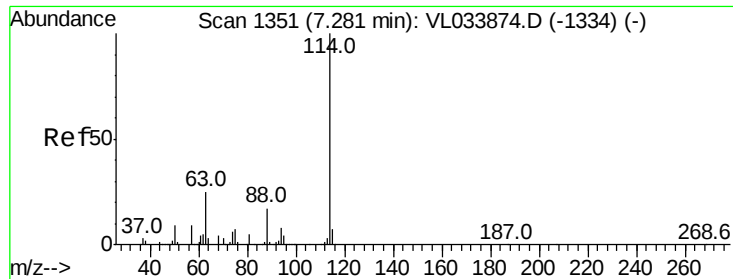
84 100

49 151.3 110.0 165.0

51 44.6 34.6 51.8

86 59.2 50.6 75.8





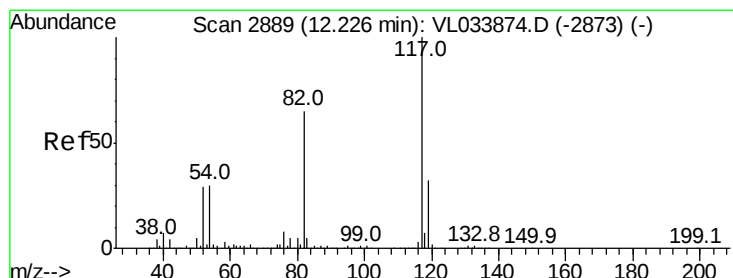
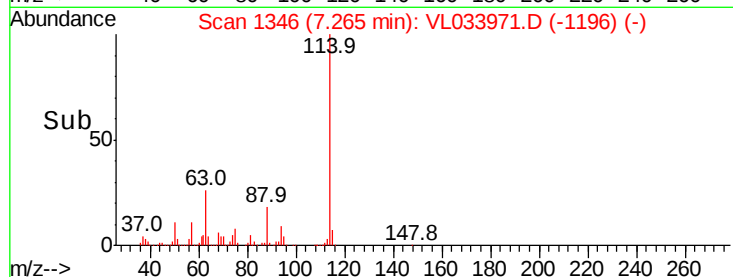
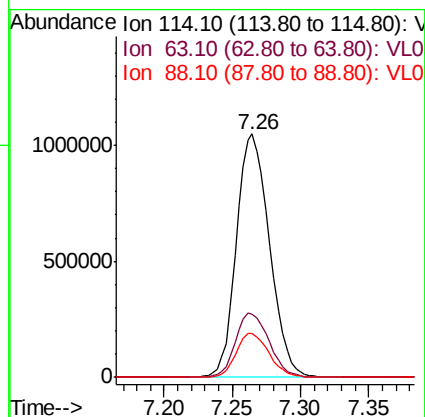
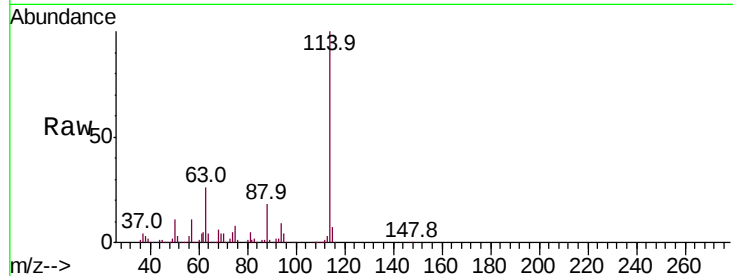
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.26 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: VL033971.D
 Acq: 26 Jun 2019 17:21

Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR-AIRDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.1	31.7
88	18.1	14.2	21.4

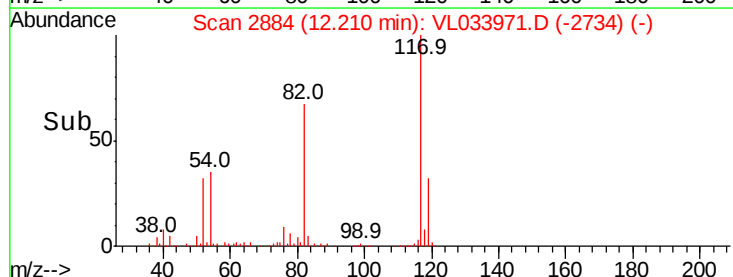
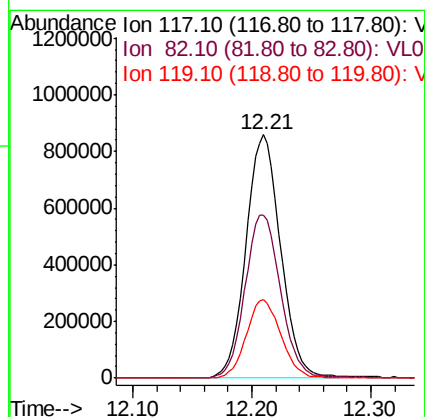
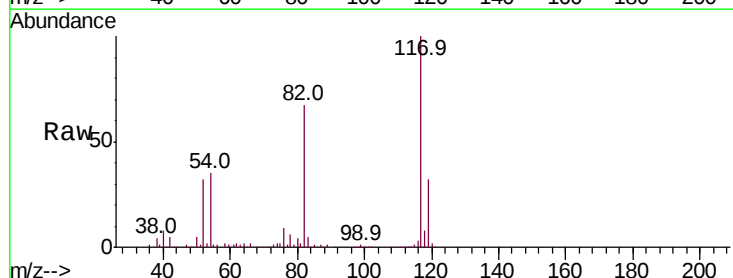
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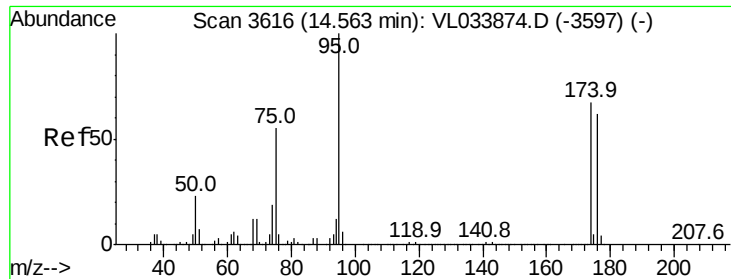
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.21 min Scan# 2884
 Delta R.T. -0.02 min
 Lab File: VL033971.D
 Acq: 26 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.7	50.2	75.2
119	32.5	24.8	37.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.097 ppbv
 RT: 14.55 min Scan# 3611
 Delta R.T. -0.02 min
 Lab File: VL033971.D
 Acq: 26 Jun 2019 17:21

Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR-AIRDL

Tot Ion: 95 Resp: 1435662
 Ion Ratio Lower Upper
 95 100
 174 65.3 54.0 81.0
 175 4.6 3.8 5.8

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