

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
 Data File : VL034029.D
 Acq On : 11 Jul 2019 22:42
 Operator : SY/AP
 Sample : K3747-03DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NVS-1DL2

Manual Integrations
 APPROVED

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 7/12/2019 10:47:16 PM

Quant Time: Jul 12 08:05:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 0
 QLast Update : Tue Jul 02 19:31:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	1060729	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.25	114	2823219	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.20	117	2714712	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.53	95	2203934	9.52	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	166785	3.461	ppbv	88
13) Ethanol	3.64	45	35154	2.348	ppbv	99
15) Acetone	3.88	43	286586	1.607	ppbv #	73
26) Hexane	5.74	57	20685	0.185	ppbv #	37
27) Carbon Disulfide	4.59	76	23233m	0.122	ppbv	
34) 2-Butanone	5.31	43	51550	0.345	ppbv	99
53) Toluene	9.90	91	51803m	0.205	ppbv	

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

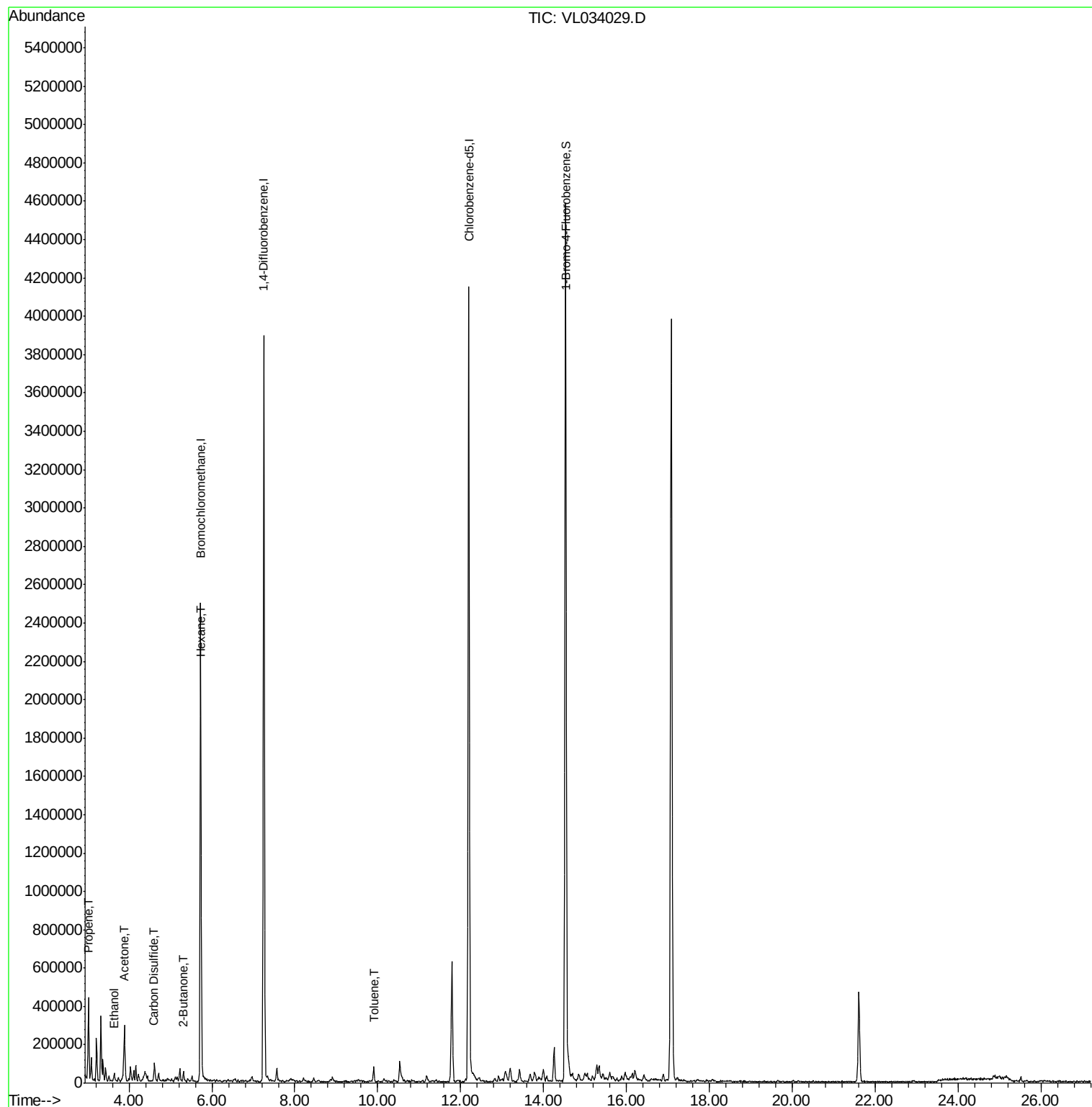
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
Data File : VL034029.D
Acq On : 11 Jul 2019 22:42
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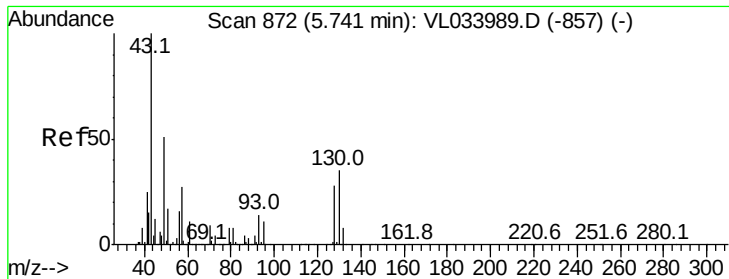
Instrument :
MSVOA_L
ClientSampleId :
NVS-1DL2

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Quant Time: Jul 12 08:05:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul
QLast Update : Tue Jul 02 19:31:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.73 min Scan# 868

Delta R.T. -0.01 min

Lab File: VL034029.D

Acq: 11 Jul 2019 22:42

Instrument :

MSVOA_L

ClientSampleId :

NVS-1DL2

Tot Ion: 49 Resp: 1060729

Ion Ratio Lower Upper

49 100

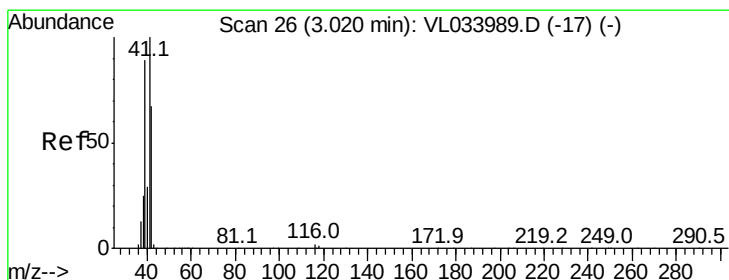
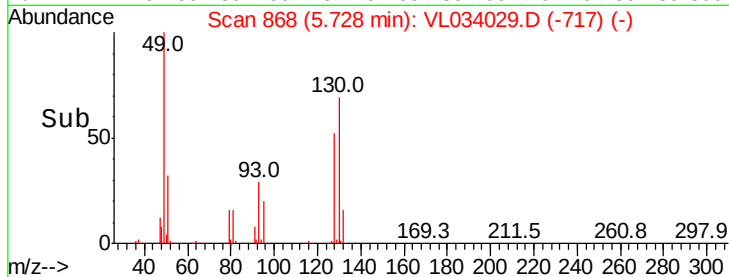
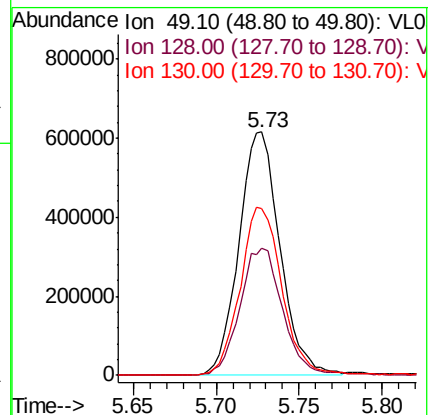
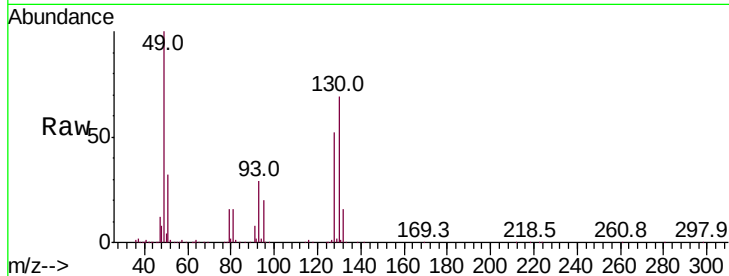
128 55.1 27.9 83.6

130 71.1 35.8 107.4

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#9

Propene

Concen: 3.461 ppbv

RT: 3.02 min Scan# 25

Delta R.T. -0.00 min

Lab File: VL034029.D

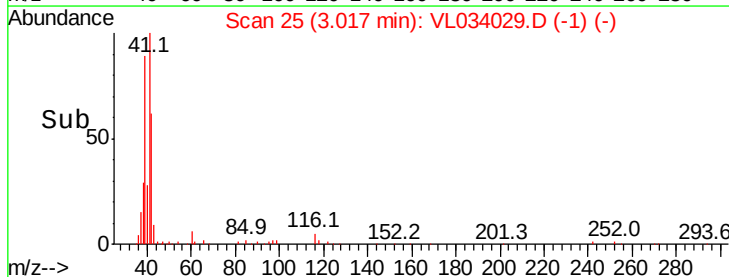
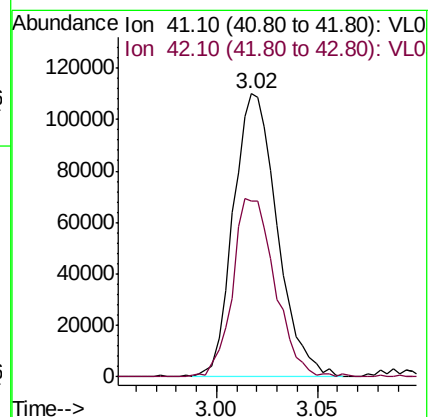
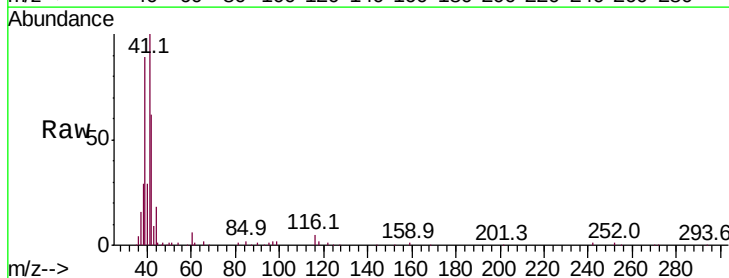
Acq: 11 Jul 2019 22:42

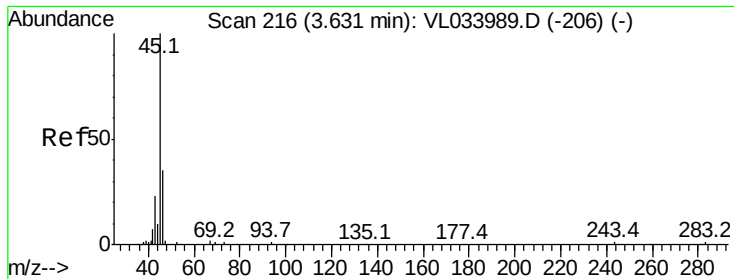
Tgt Ion: 41 Resp: 166785

Ion Ratio Lower Upper

41 100

42 61.4 57.1 85.7





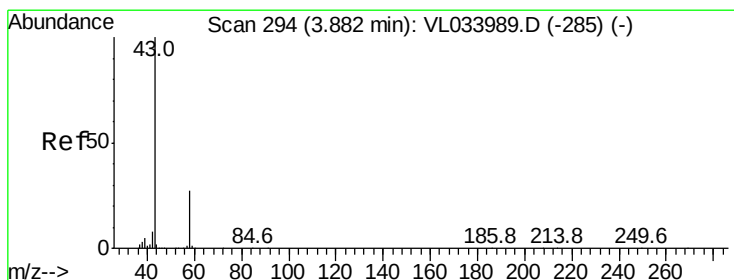
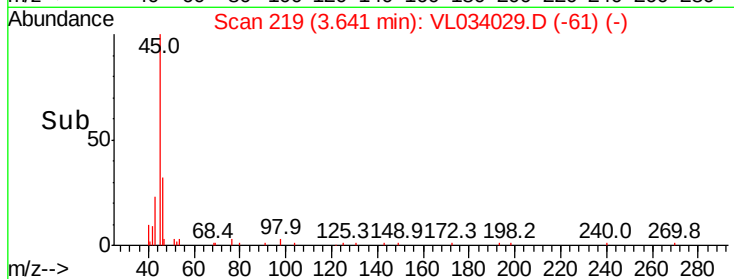
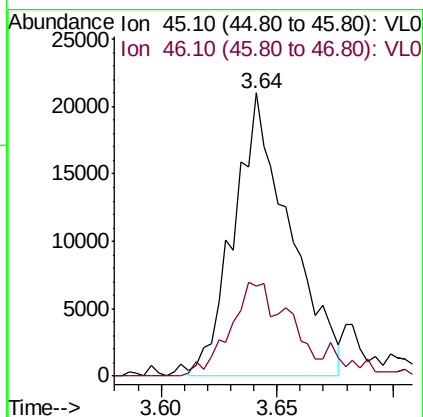
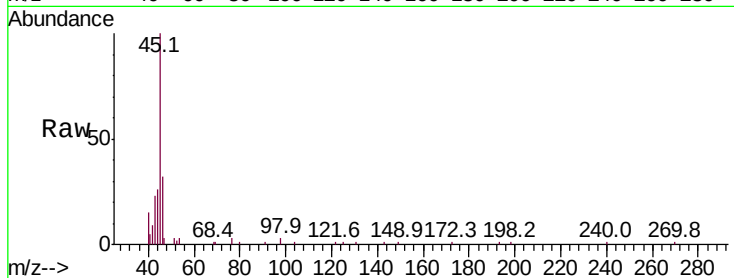
#13
Ethanol
Concen: 2.348 ppbv
RT: 3.64 min Scan# 219
Delta R.T. 0.01 min
Lab File: VL034029.D
Acq: 11 Jul 2019 22:42

Instrument :
MSVOA_L
ClientSampleId :
NVS-1DL2

Tot Ion	Ratio	Lower	Upper
45	100		
46	40.7	16.2	64.6

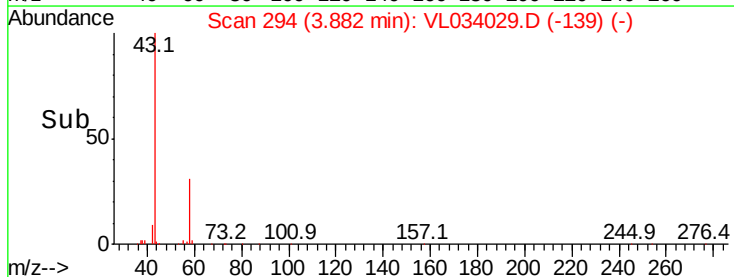
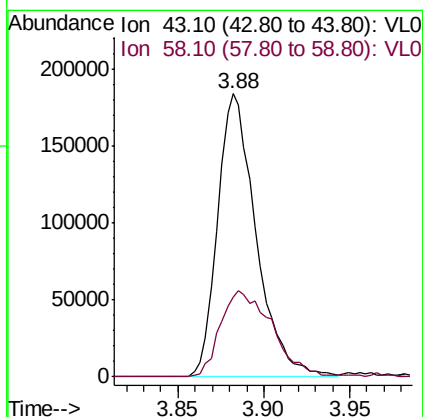
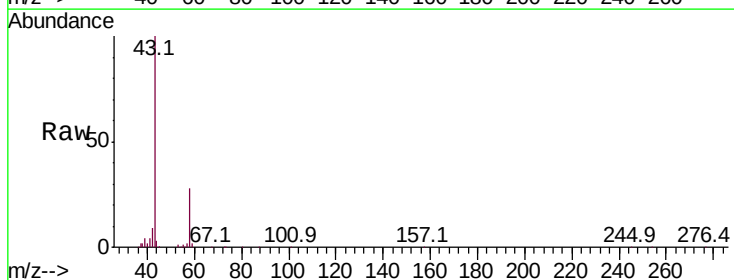
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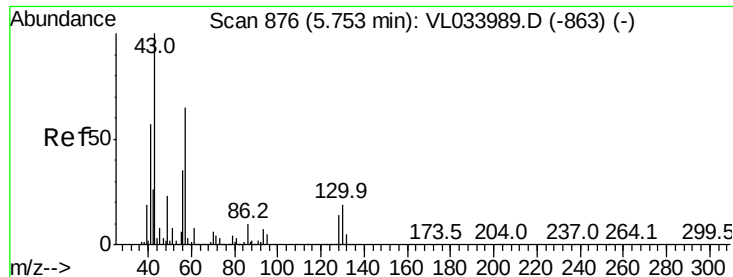
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#15
Acetone
Concen: 1.607 ppbv
RT: 3.88 min Scan# 294
Delta R.T. -0.00 min
Lab File: VL034029.D
Acq: 11 Jul 2019 22:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.8	21.4	32.0#





#26

Hexane

Concen: 0.185 ppbv

RT: 5.74 min Scan# 873

Delta R.T. -0.01 min

Lab File: VL034029.D

Acq: 11 Jul 2019 22:42

Instrument :

MSVOA_L

ClientSampleId :

NVS-1DL2

Tot Ion: 57 Resp: 20685

Ion Ratio Lower Upper

57 100

41 108.6 70.6 105.8#

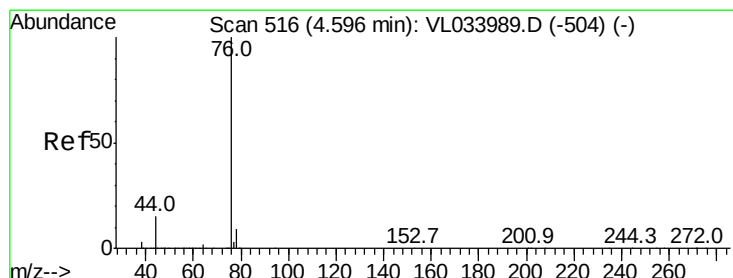
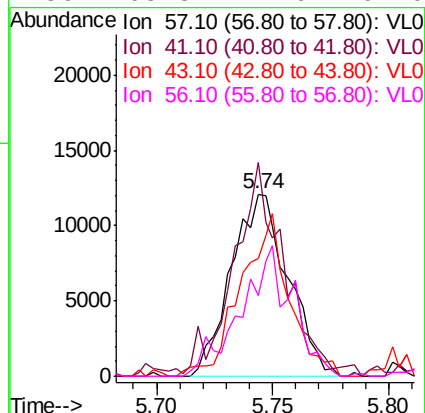
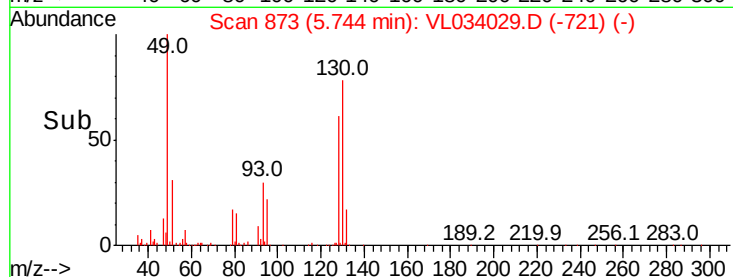
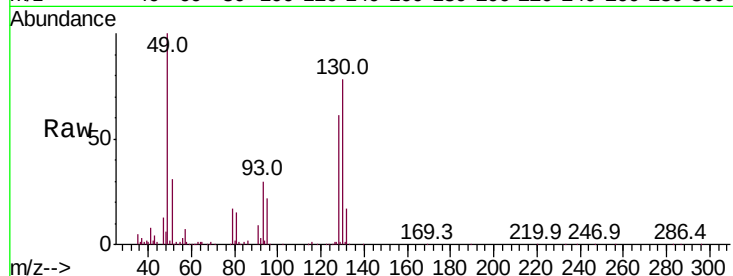
43 75.9 177.6 266.4#

56 65.3 42.6 64.0#

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#27

Carbon Disulfide

Concen: 0.122 ppbv m

RT: 4.59 min Scan# 514

Delta R.T. -0.01 min

Lab File: VL034029.D

Acq: 11 Jul 2019 22:42

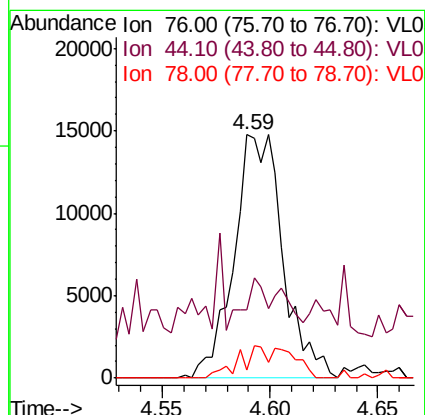
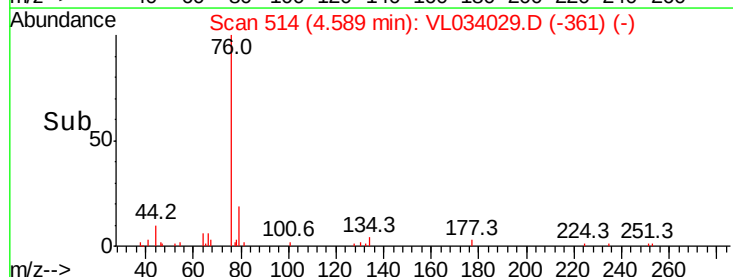
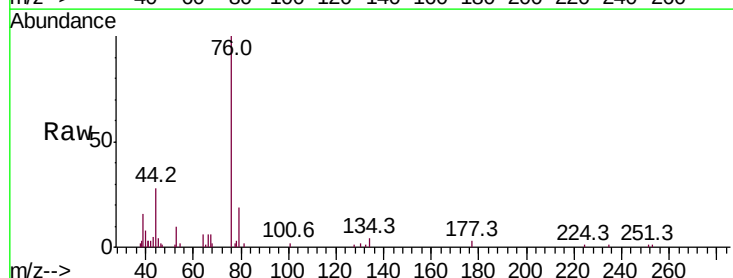
Tgt Ion: 76 Resp: 23233

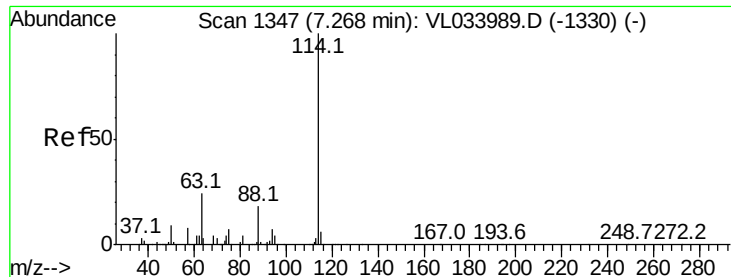
Ion Ratio Lower Upper

76 100

44 17.1 12.6 18.8

78 14.2 7.2 10.8#





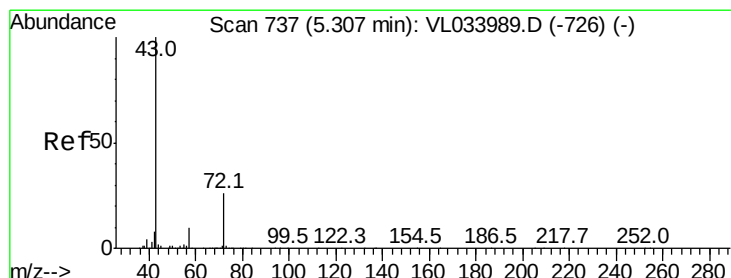
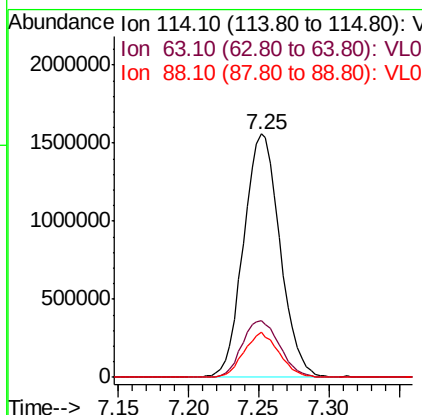
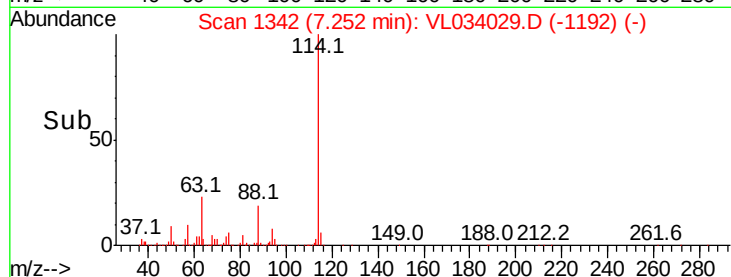
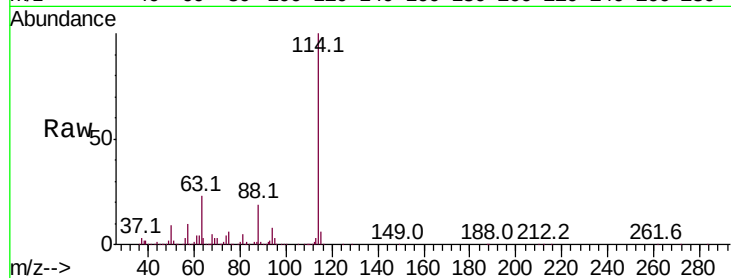
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.25 min Scan# 1342
 Delta R.T. -0.02 min
 Lab File: VL034029.D
 Acq: 11 Jul 2019 22:42

Instrument :
 MSVOA_L
 ClientSampleId :
 NVS-1DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	20.2	30.2
88	17.8	14.1	21.1

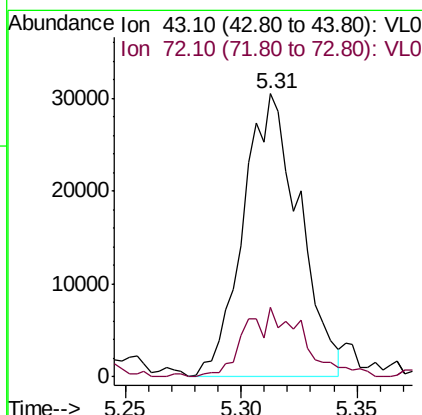
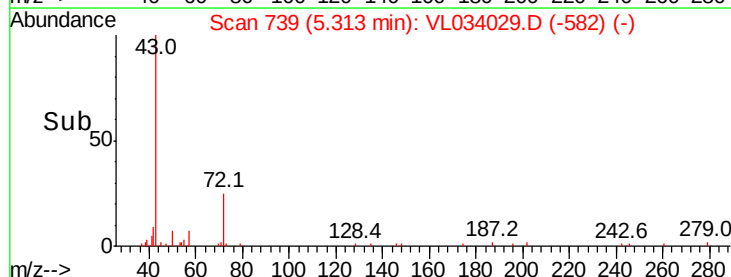
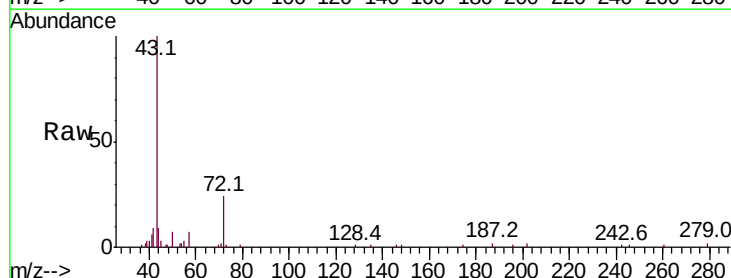
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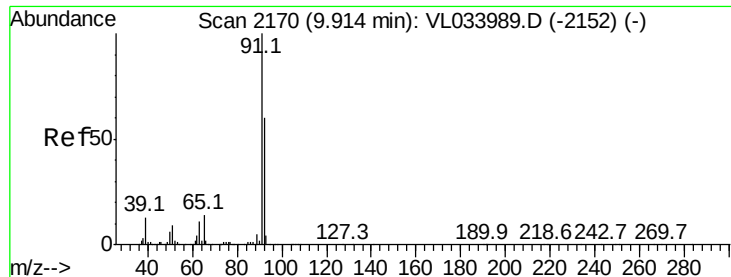
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#34
 2-Butanone
 Concen: 0.345 ppbv
 RT: 5.31 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: VL034029.D
 Acq: 11 Jul 2019 22:42

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.4	19.9	29.9





#53

Toluene

Concen: 0.205 ppbv m

RT: 9.90 min Scan# 2167

Delta R.T. -0.01 min

Lab File: VL034029.D

Acq: 11 Jul 2019 22:42

Instrument :

MSVOA_L

ClientSampleId :

NVS-1DL2

Tot Ion: 91 Resp: 51803

Ion Ratio Lower Upper

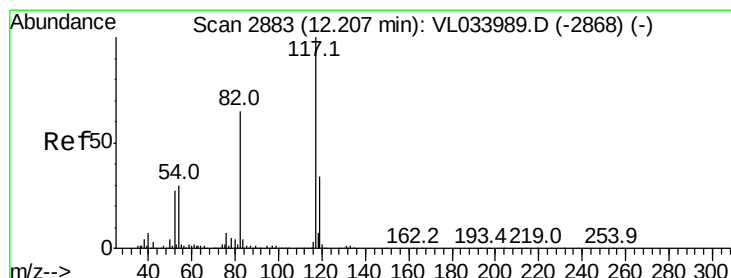
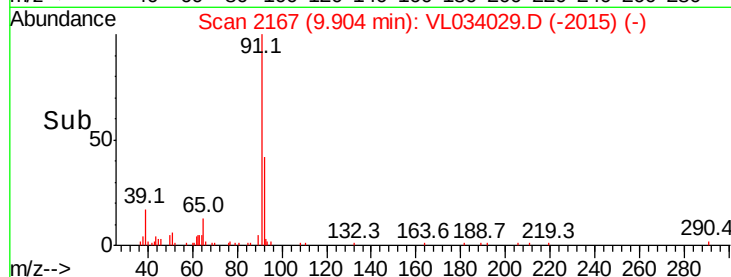
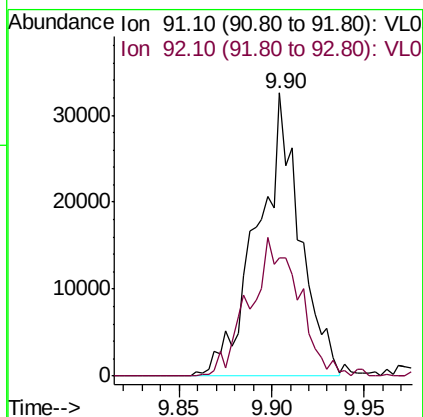
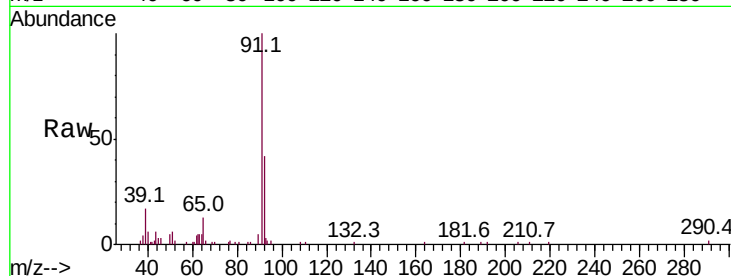
91 100

92 57.3 47.7 71.5

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.20 min Scan# 2880

Delta R.T. -0.01 min

Lab File: VL034029.D

Acq: 11 Jul 2019 22:42

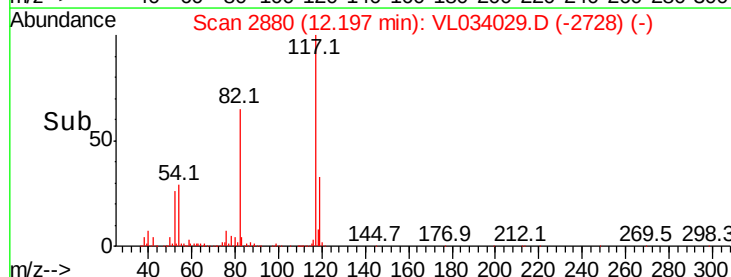
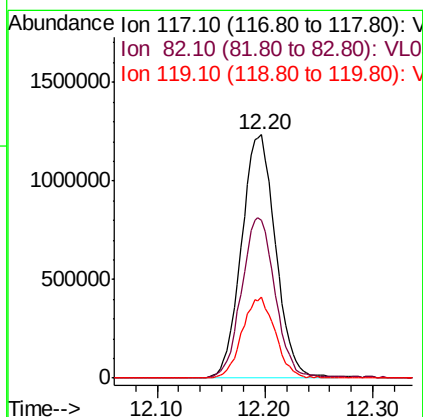
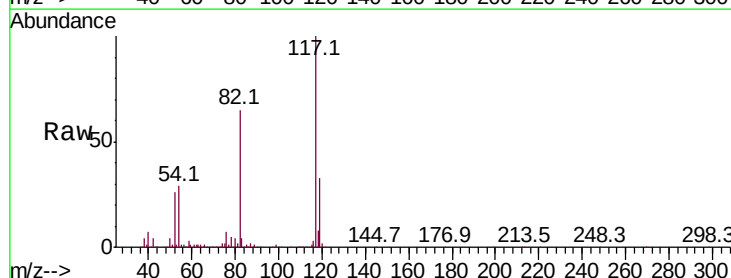
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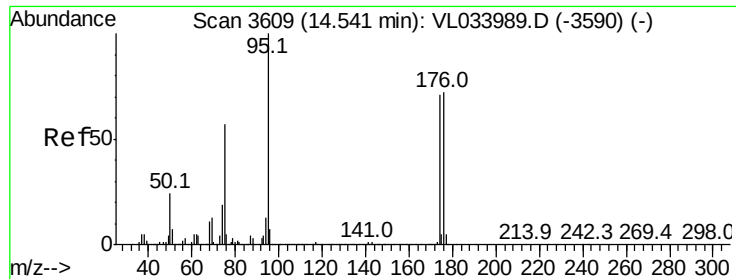
Ion Ratio Lower Upper

117 100

82 65.5 50.8 76.2

119 32.5 24.0 36.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.519 ppbv

RT: 14.53 min Scan# 3606

Delta R.T. -0.01 min

Lab File: VL034029.D

Acq: 11 Jul 2019 22:42

Instrument :

MSVOA_L

ClientSampleId :

NVS-1DL2

Tot Ion: 95 Resp: 2203934

Ion Ratio Lower Upper

95 100

174 71.6 60.5 90.7

175 4.9 4.0 6.0

Manual Integrations

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