

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071818\
 Data File : VL032280.D
 Acq On : 19 Jul 2018 3:46
 Operator : SY/AP
 Sample : J3454-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B-9DL

Manual Integrations
 APPROVED

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Quant Time: Jul 19 04:45:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18
 QLast Update : Wed Jul 18 14:38:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1650312	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3244579	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4020393	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3103946	9.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.71	45	199162m	8.61	ppbv	
15) Acetone	3.97	43	170696	0.99	ppbv	97
19) Isopropyl Alcohol	4.11	45	35981	0.31	ppbv #	85
20) Methylene Chloride	4.48	84	16554m	0.25	ppbv	
26) Hexane	5.86	57	19006	0.11	ppbv #	57

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

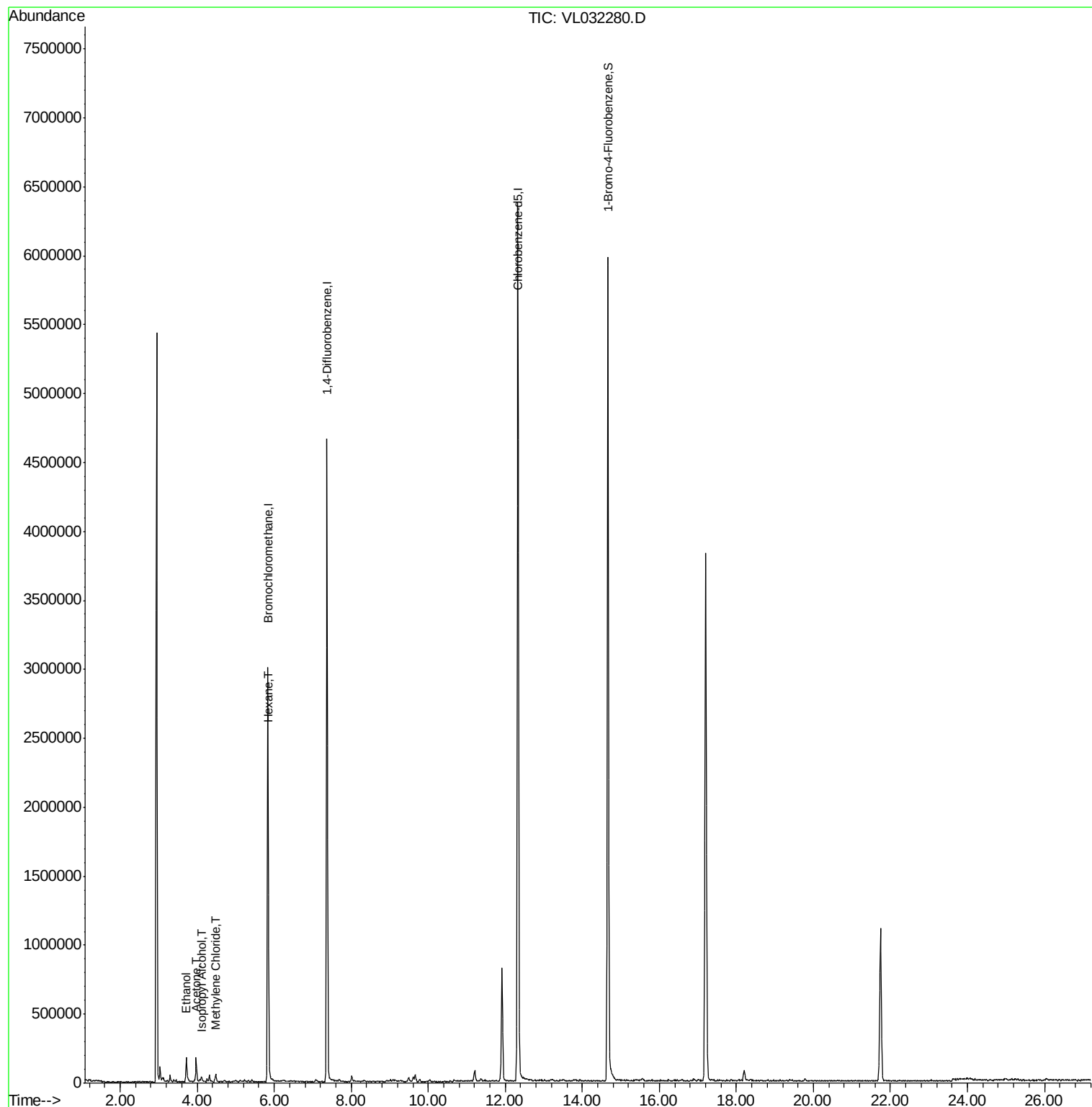
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL071818\
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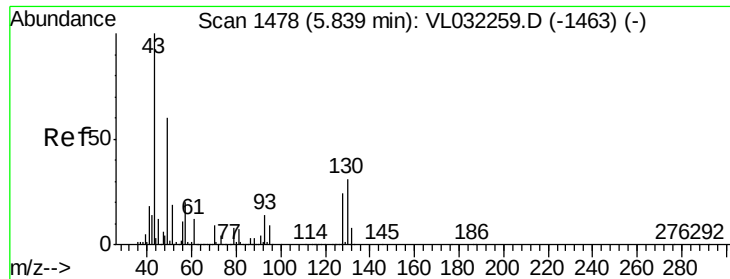
Instrument :
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Quant Time: Jul 19 04:45:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.84 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VL032280.D

Acq: 19 Jul 2018 3:46

Instrument :

MSVOA_L

ClientSampleId :

B-9DL

Tot Ion: 49 Resp: 1650312

Ion Ratio Lower Upper

49 100

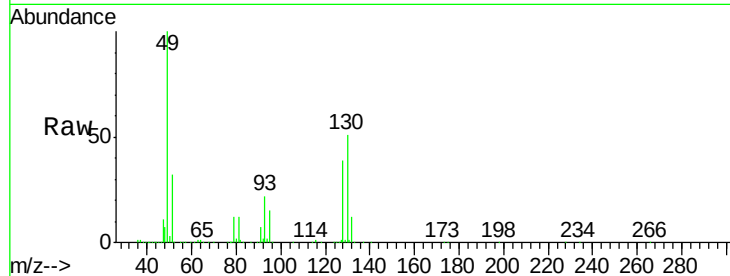
128 39.7 20.1 60.2

130 50.9 25.9 77.6

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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

1200000

800000

600000

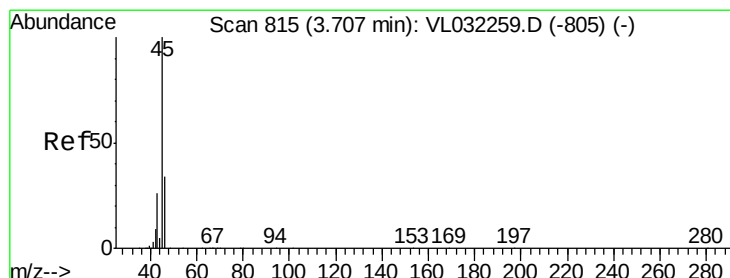
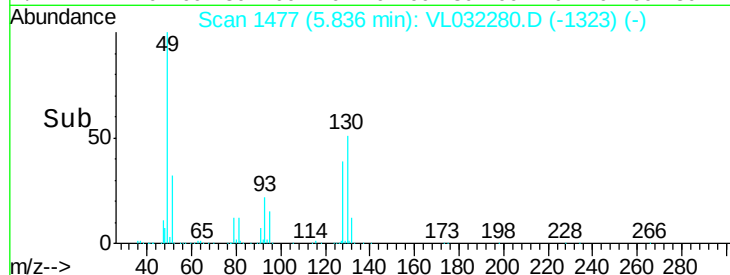
400000

200000

0

5.75 5.80 5.85 5.90 5.95

Time-->



#13

Ethanol

Concen: 8.61 ppbv m

RT: 3.71 min Scan# 817

Delta R.T. 0.01 min

Lab File: VL032280.D

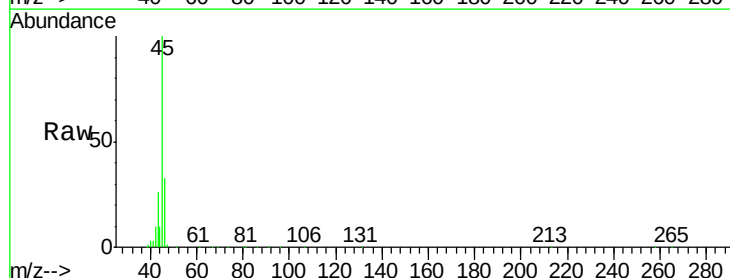
Acq: 19 Jul 2018 3:46

Tgt Ion: 45 Resp: 199162

Ion Ratio Lower Upper

45 100

46 36.7 15.2 60.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

100000

80000

60000

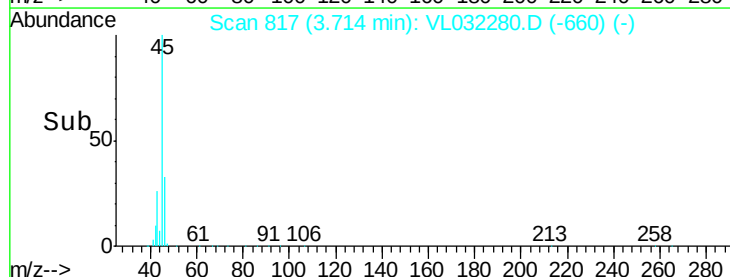
40000

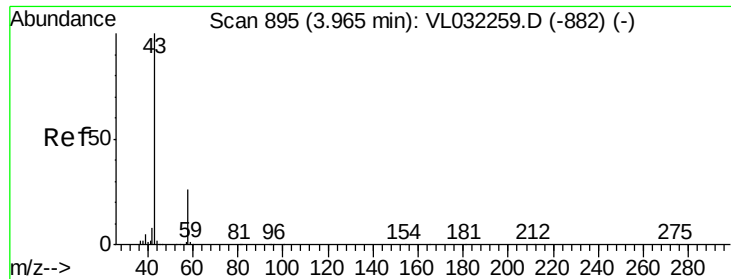
20000

0

3.65 3.70 3.75 3.80 3.85

Time-->





#15

Acetone

Concen: 0.99 ppbv

RT: 3.97 min Scan# 898

Delta R.T. 0.01 min

Lab File: VL032280.D

Acq: 19 Jul 2018 3:46

Instrument :

MSVOA_L

ClientSampleId :

B-9DL

Tot Ion: 43 Resp: 170696

Ion Ratio Lower Upper

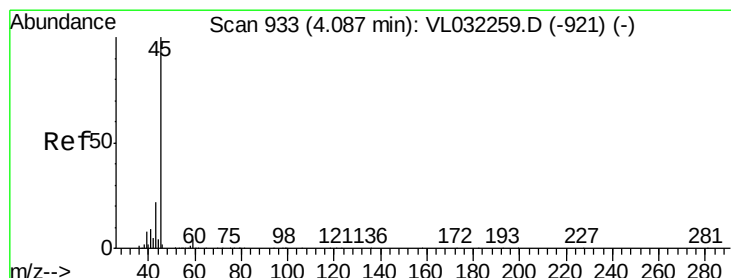
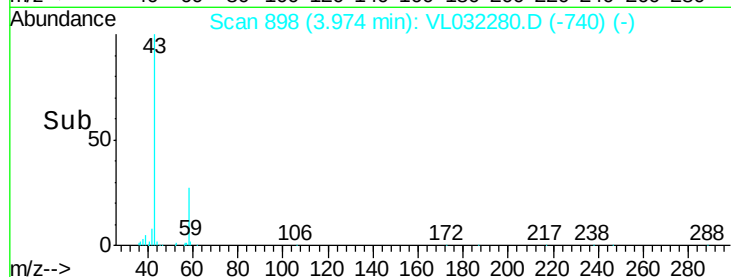
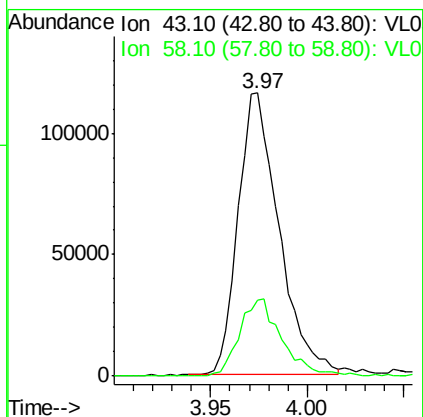
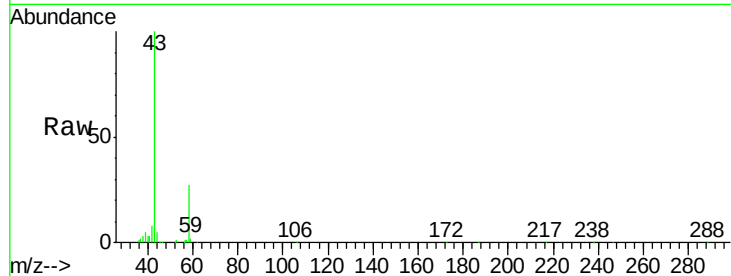
43 100

58 28.9 21.8 32.6

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#19

Isopropyl Alcohol

Concen: 0.31 ppbv

RT: 4.11 min Scan# 941

Delta R.T. 0.03 min

Lab File: VL032280.D

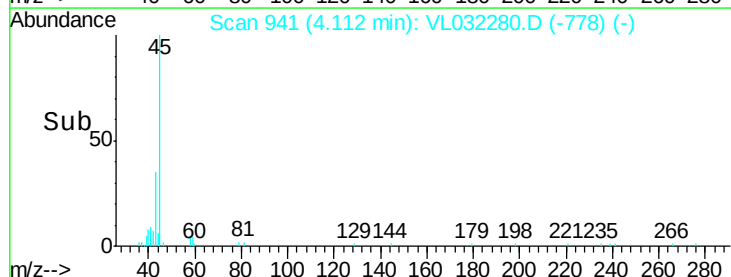
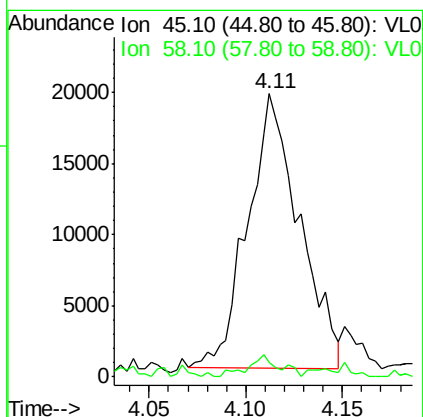
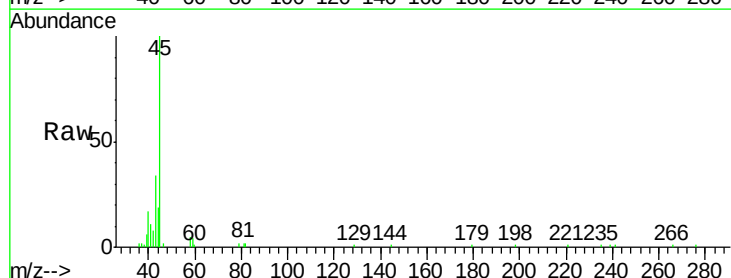
Acq: 19 Jul 2018 3:46

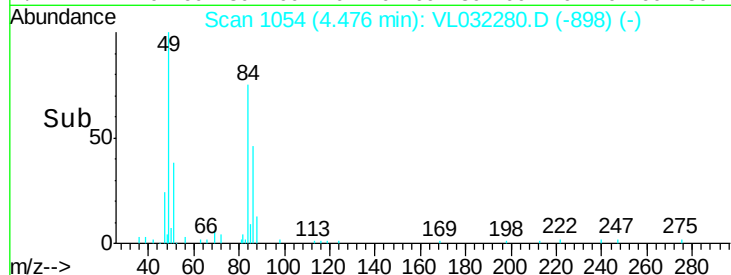
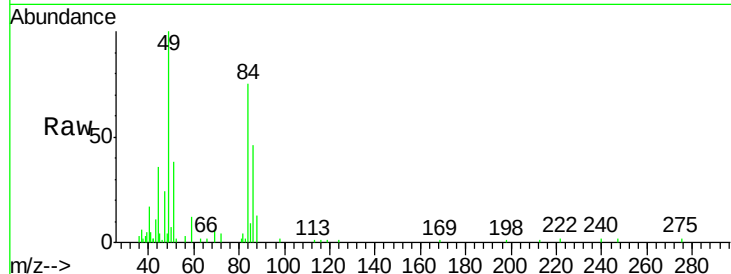
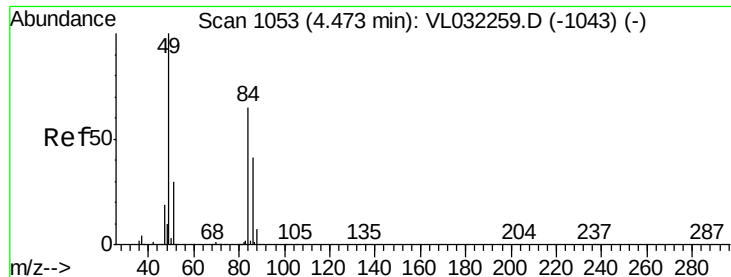
Tgt Ion: 45 Resp: 35981

Ion Ratio Lower Upper

45 100

58 7.1 1.5 2.3#





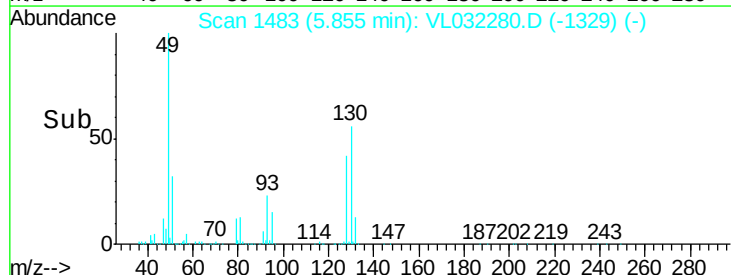
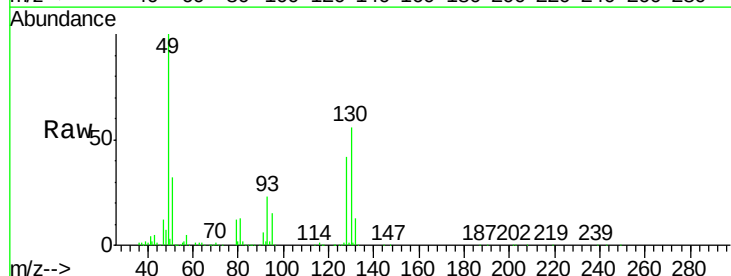
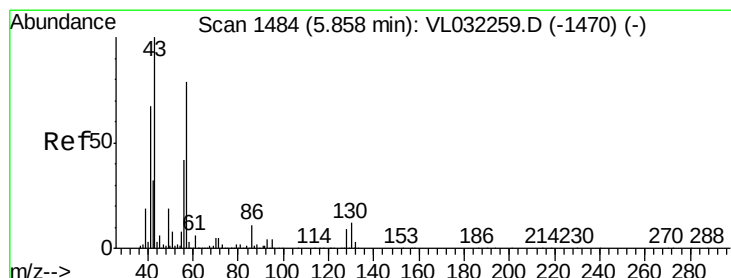
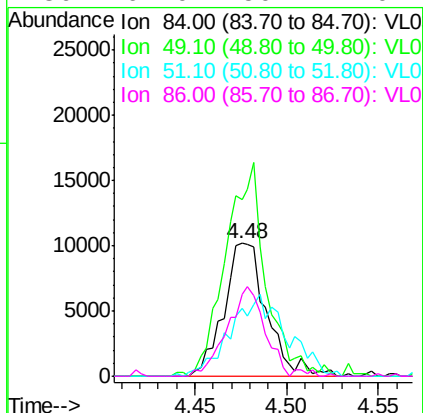
#20
Methvlene Chloride
Concen: 0.25 ppbv m
RT: 4.48 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VL032280.D
Acq: 19 Jul 2018 3:46

Tot Ion	84	Resp	16554
Ion Ratio	Lower	Upper	
84	100		
49	133.6	122.4	183.6
51	51.3	36.8	55.2
86	62.0	50.7	76.1

Instrument :
MSVOA_L
ClientSampled :
B-9DL

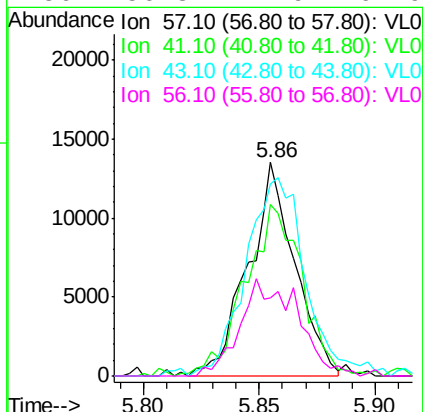
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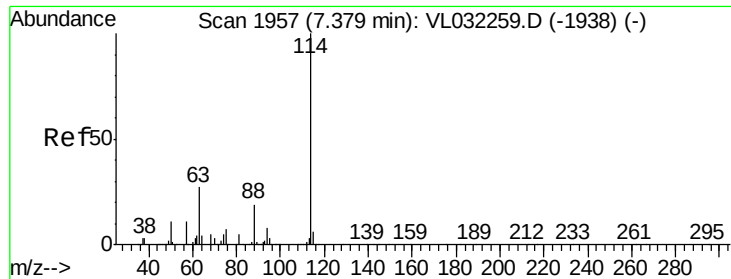
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#26
Hexane
Concen: 0.11 ppbv
RT: 5.86 min Scan# 1483
Delta R.T. -0.00 min
Lab File: VL032280.D
Acq: 19 Jul 2018 3:46

Tgt Ion	57	Resp	19006
Ion Ratio	Lower	Upper	
57	100		
41	98.9	67.9	101.9
43	120.2	175.9	263.9#
56	56.3	41.9	62.9





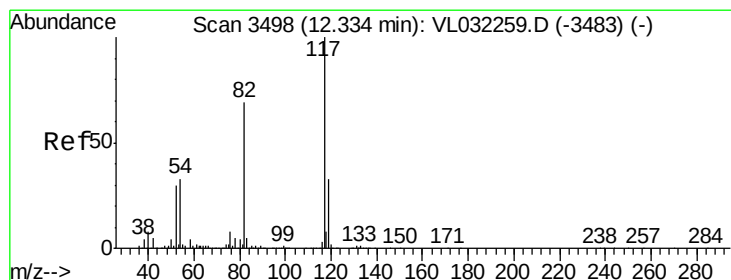
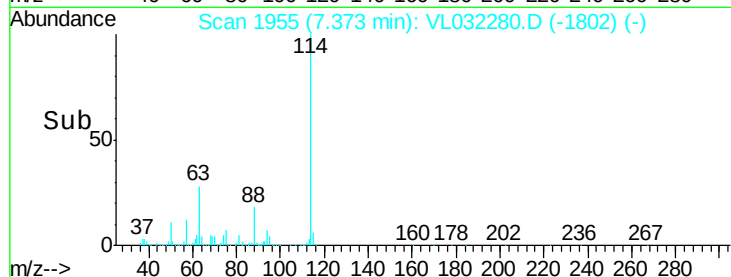
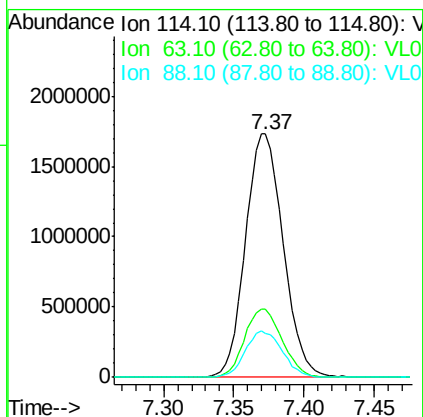
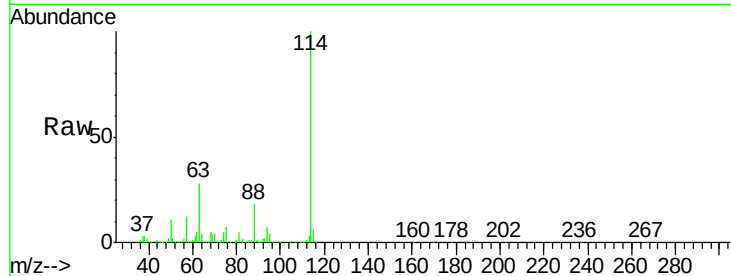
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.37 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: VL032280.D
 Acq: 19 Jul 2018 3:46

Instrument :
 MSVOA_L
 ClientSampled :
 B-9DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.3	22.6	33.8
88	18.9	15.2	22.8

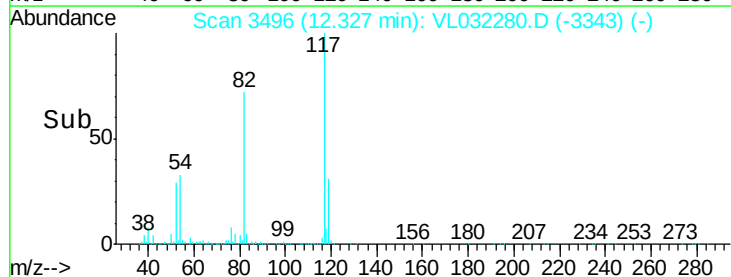
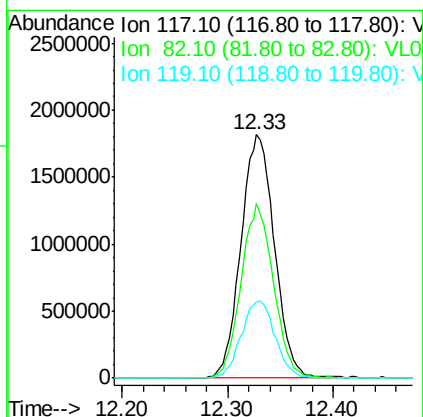
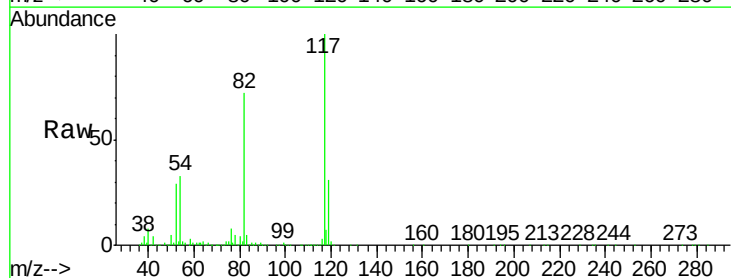
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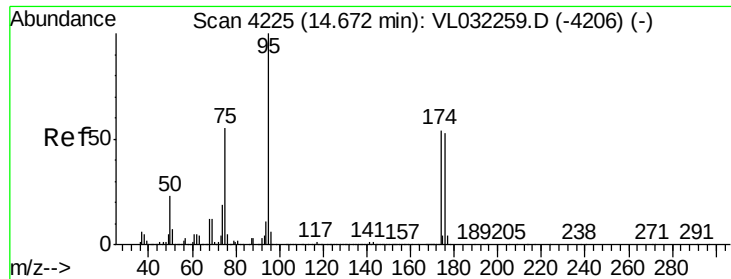
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#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.33 min Scan# 3496
 Delta R.T. -0.01 min
 Lab File: VL032280.D
 Acq: 19 Jul 2018 3:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.5	53.9	80.9
119	32.1	25.5	38.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.52 ppbv
 RT: 14.67 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: VL032280.D
 Acq: 19 Jul 2018 3:46

Instrument :
 MSVOA_L
 ClientSampleId :
 B-9DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	55.9	44.3	66.5
175	4.0	3.3	4.9

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