

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071818\
 Data File : VL032284.D
 Acq On : 19 Jul 2018 6:24
 Operator : SY/AP
 Sample : J3454-07DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B-12DL

Manual Integrations
 APPROVED

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Quant Time: Jul 19 08:07:56 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	5.83	49	1645489	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3337482	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4003873	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.66	95	3072291	9.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.72	45	154633	6.71	ppbv	100
15) Acetone	3.97	43	188201	1.09	ppbv	94
19) Isopropyl Alcohol	4.12	45	31913	0.27	ppbv #	81
20) Methylene Chloride	4.48	84	16582m	0.25	ppbv	
26) Hexane	5.86	57	98721	0.57	ppbv #	45

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

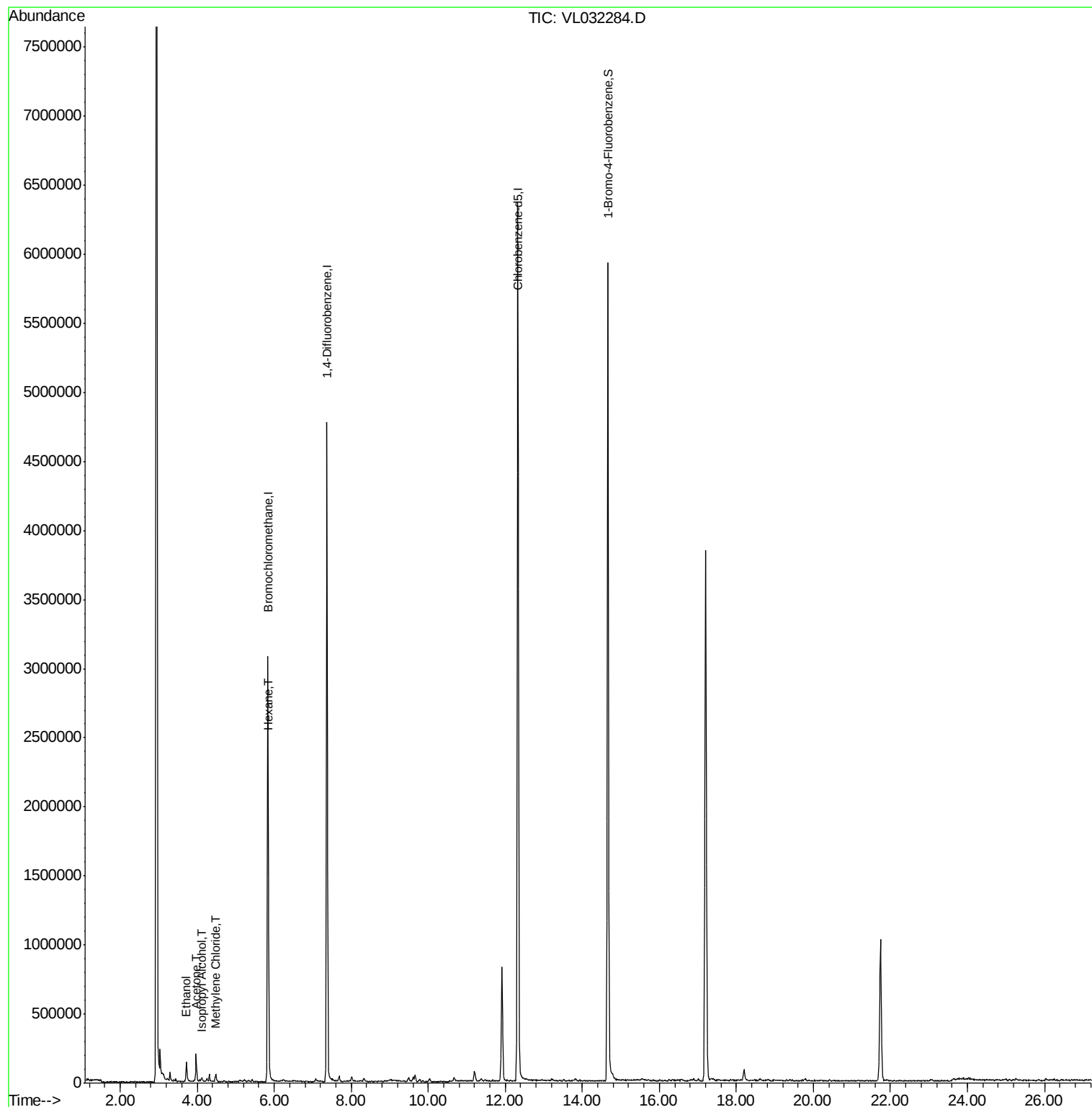
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL071818\
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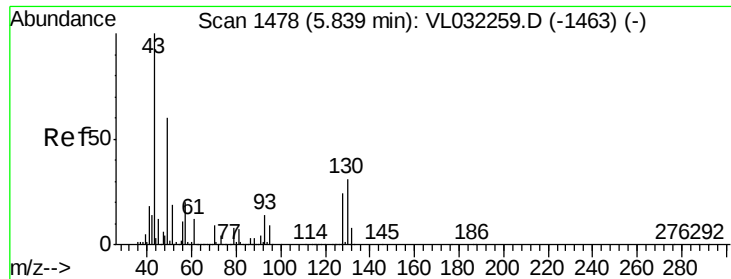
Instrument :
MSVOA_L
ClientSampleId :
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QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration





#1

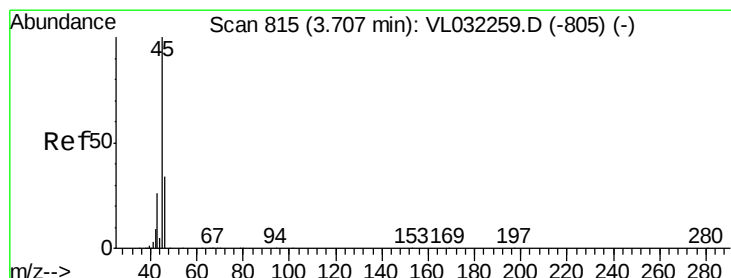
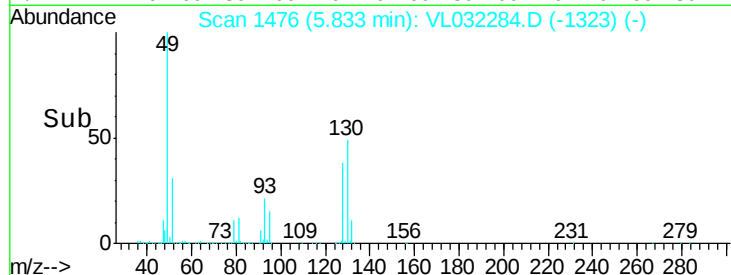
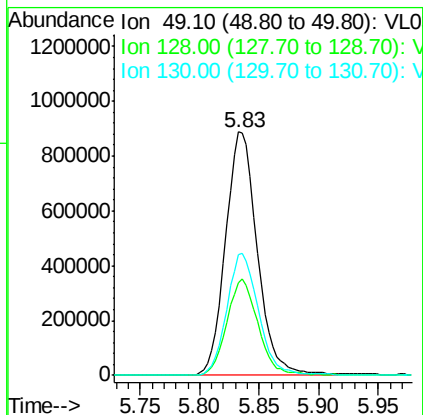
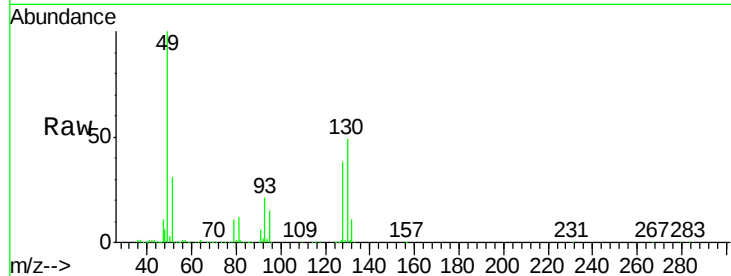
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.83 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VL032284.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_L
ClientSampled :
B-12DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	39.4	20.1	60.2
130	50.4	25.9	77.6

Manual Integrations
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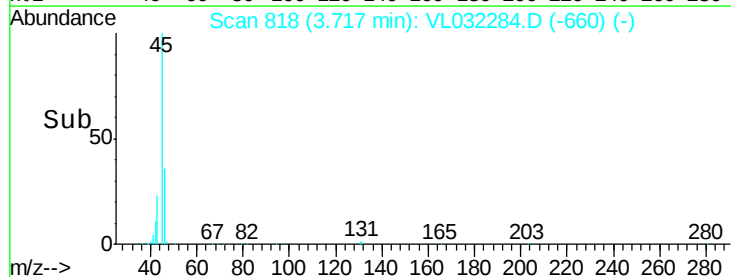
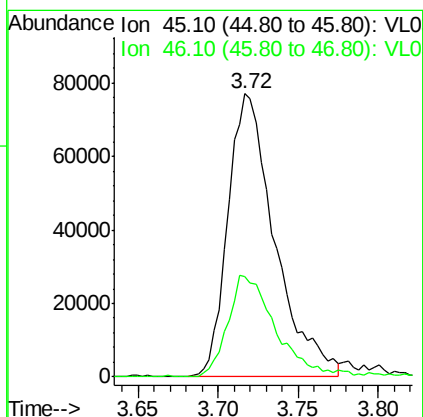
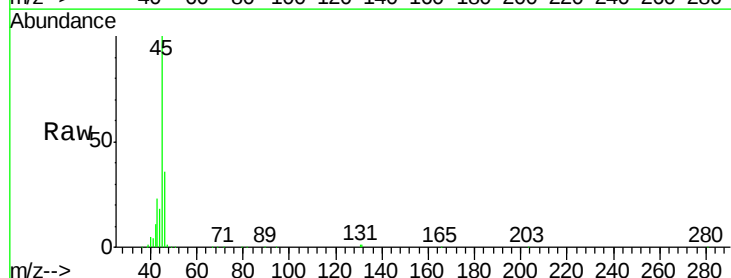
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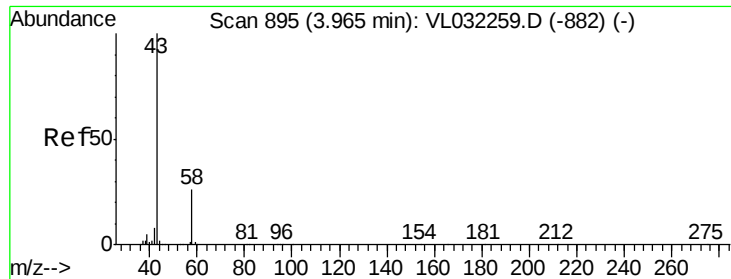


#13

Ethanol
Concen: 6.71 ppbv
RT: 3.72 min Scan# 818
Delta R.T. 0.01 min
Lab File: VL032284.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
45	100		
46	38.0	15.2	60.8





#15

Acetone

Concen: 1.09 ppbv

RT: 3.97 min Scan# 898

Delta R.T. 0.01 min

Lab File: VL032284.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_L

ClientSampleId :

B-12DL

Tot Ion: 43 Resp: 188201

Ion Ratio Lower Upper

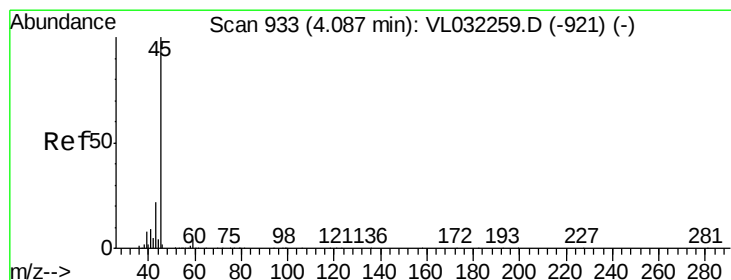
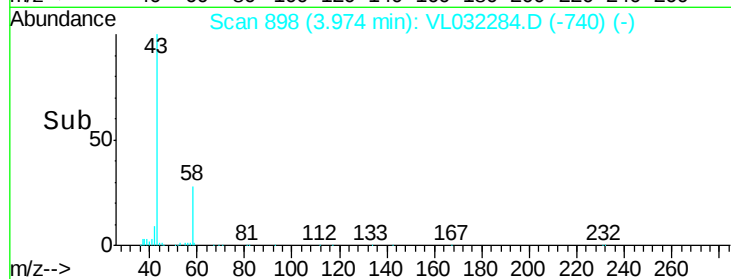
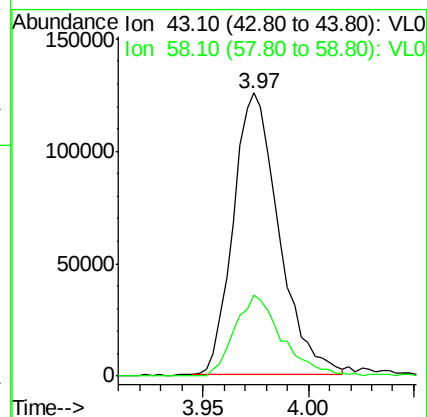
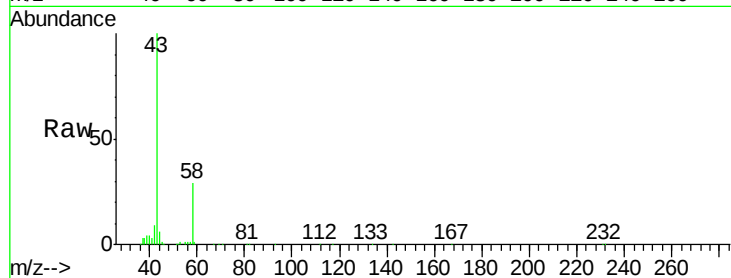
43 100

58 30.1 21.8 32.6

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#19

Isopropyl Alcohol

Concen: 0.27 ppbv

RT: 4.12 min Scan# 942

Delta R.T. 0.03 min

Lab File: VL032284.D

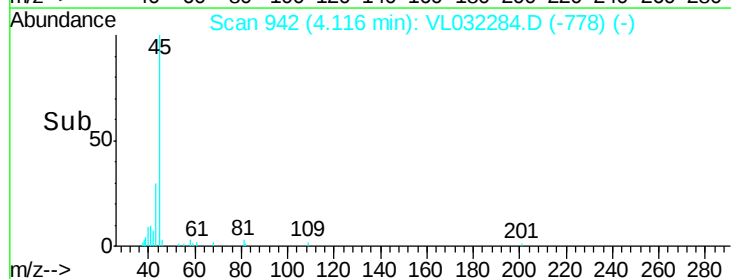
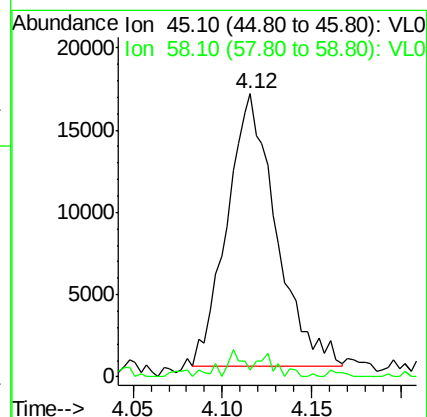
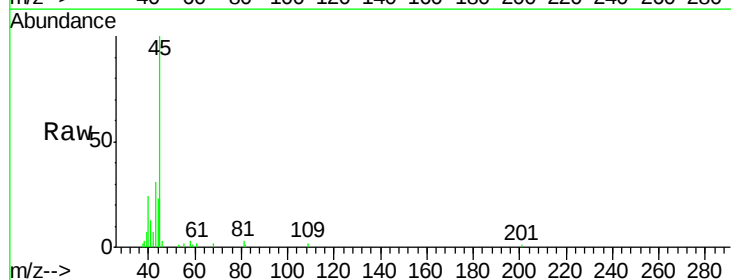
Acq: 19 Jul 2018 6:24

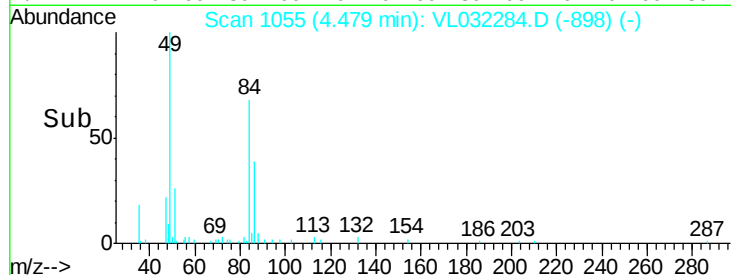
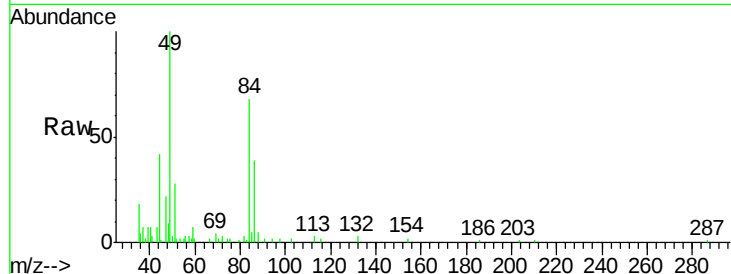
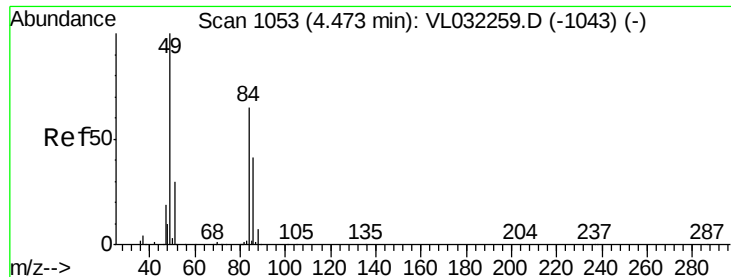
Tgt Ion: 45 Resp: 31913

Ion Ratio Lower Upper

45 100

58 8.8 1.5 2.3#





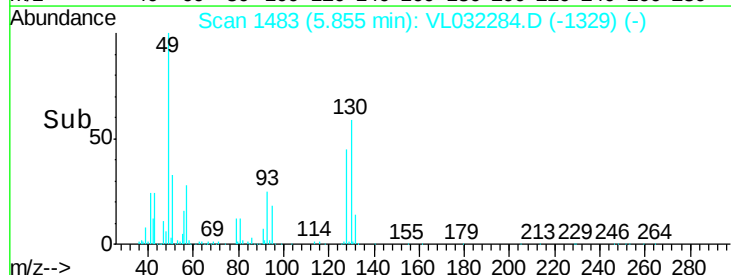
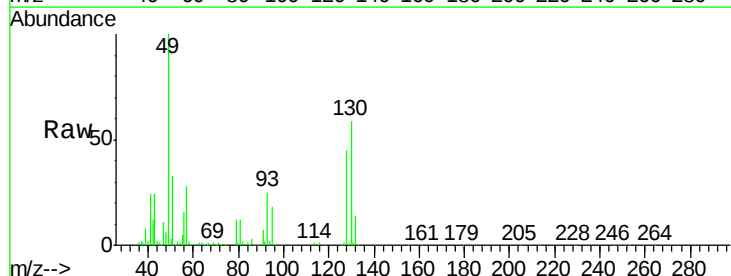
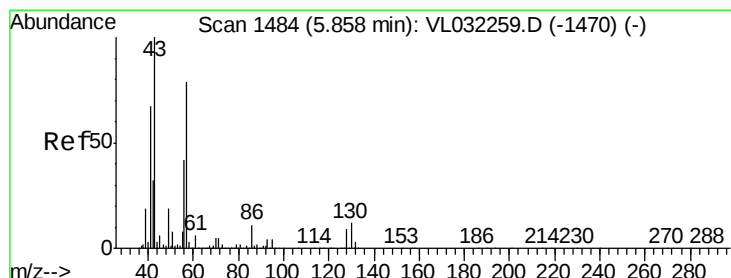
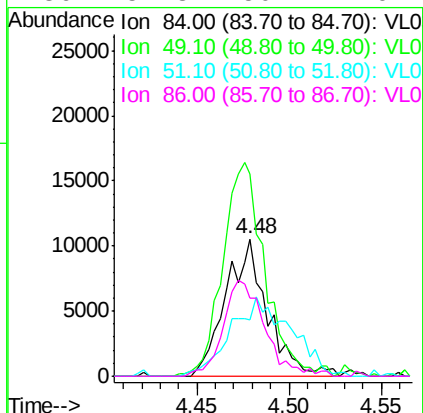
#20
Methvlene Chloride
Concen: 0.25 ppbv m
RT: 4.48 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VL032284.D
Acq: 19 Jul 2018 6:24

Tot Ion	84	Resp	16582
Ion	Ratio	Lower	Upper
84	100		
49	147.0	122.4	183.6
51	41.3	36.8	55.2
86	57.3	50.7	76.1

Instrument :
MSVOA_L
ClientSampled :
B-12DL

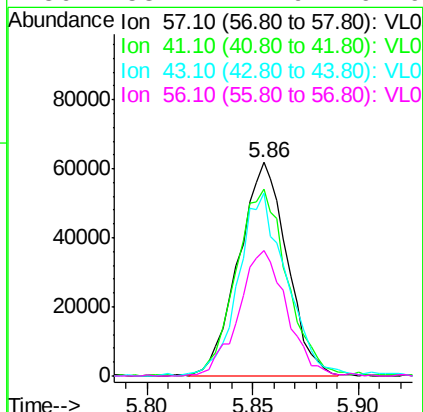
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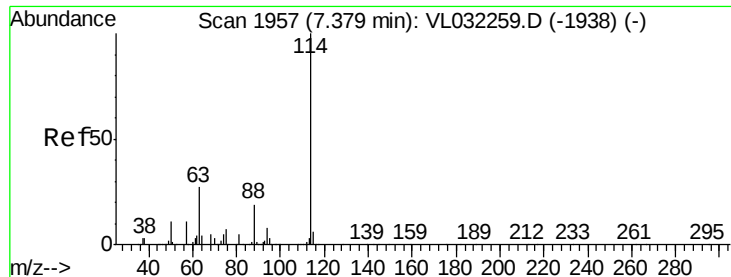
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#26
Hexane
Concen: 0.57 ppbv
RT: 5.86 min Scan# 1483
Delta R.T. -0.00 min
Lab File: VL032284.D
Acq: 19 Jul 2018 6:24

Tgt Ion	57	Resp	98721
Ion	Ratio	Lower	Upper
57	100		
41	93.4	67.9	101.9
43	86.4	175.9	263.9#
56	58.4	41.9	62.9





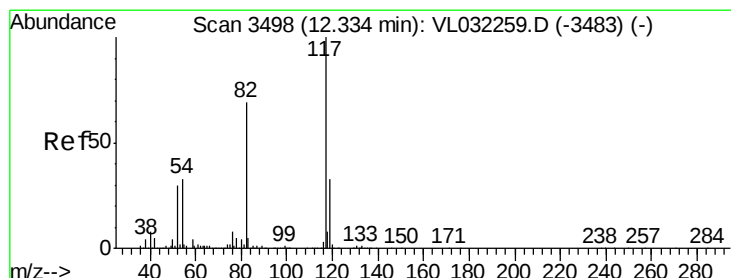
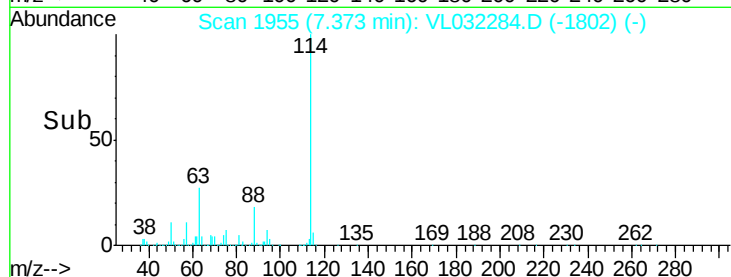
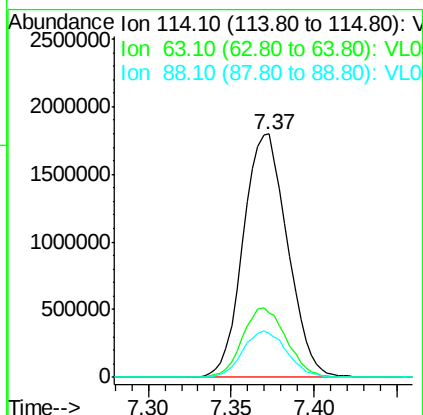
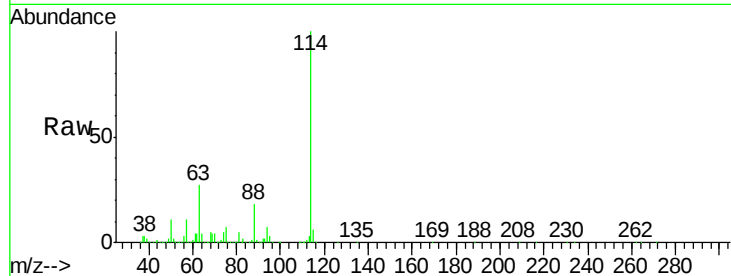
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VL032284.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_L
ClientSampleId :
B-12DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.5	22.6	33.8
88	19.0	15.2	22.8

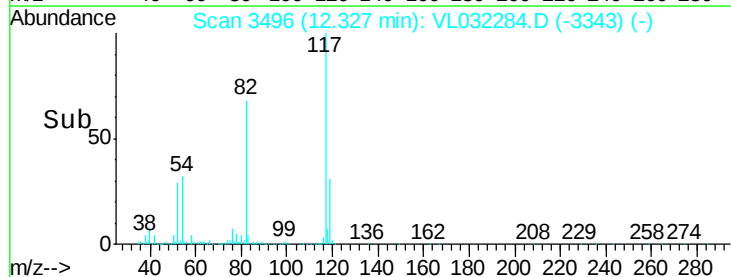
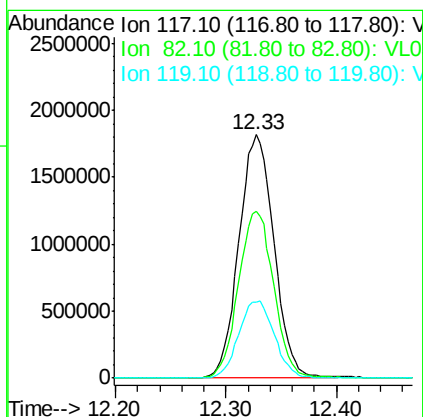
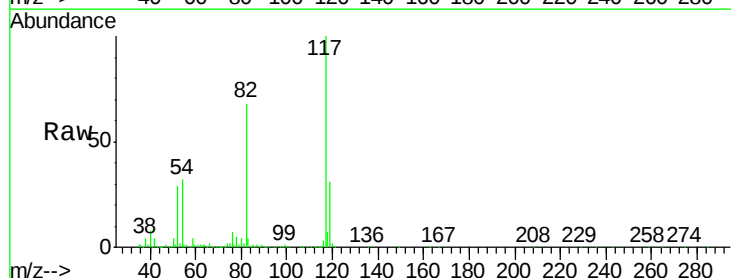
Manual Integrations
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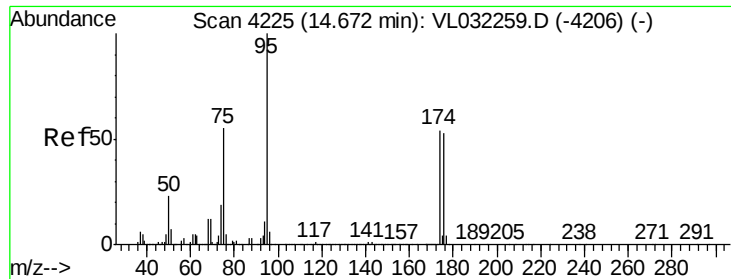
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#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.33 min Scan# 3496
Delta R.T. -0.01 min
Lab File: VL032284.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.3	53.9	80.9
119	32.5	25.5	38.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.46 ppbv
 RT: 14.66 min Scan# 4222
 Delta R.T. -0.01 min
 Lab File: VL032284.D
 Acq: 19 Jul 2018 6:24

Instrument :
 MSVOA_L
 ClientSampleId :
 B-12DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	56.4	44.3	66.5
175	3.9	3.3	4.9

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