

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071918\
 Data File : VL032300.D
 Acq On : 19 Jul 2018 22:55
 Operator : SY/AP
 Sample : J4063-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OUTSIDE-01-0717-03DL

Manual Integrations
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Quant Time: Jul 20 04:05:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 18 14:38:53 2018
 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	1496100	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3044994	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3534990	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2774090	9.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.06	51	18461	0.11	ppbv	100
9) Propene	3.10	41	9008m	0.12	ppbv	
13) Ethanol	3.72	45	25977m	1.24	ppbv	
15) Acetone	3.97	43	110985	0.71	ppbv	97
19) Isopropyl Alcohol	4.13	45	10979m	0.10	ppbv	
20) Methylene Chloride	4.47	84	20087m	0.33	ppbv	
26) Hexane	5.86	57	28803m	0.18	ppbv	

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

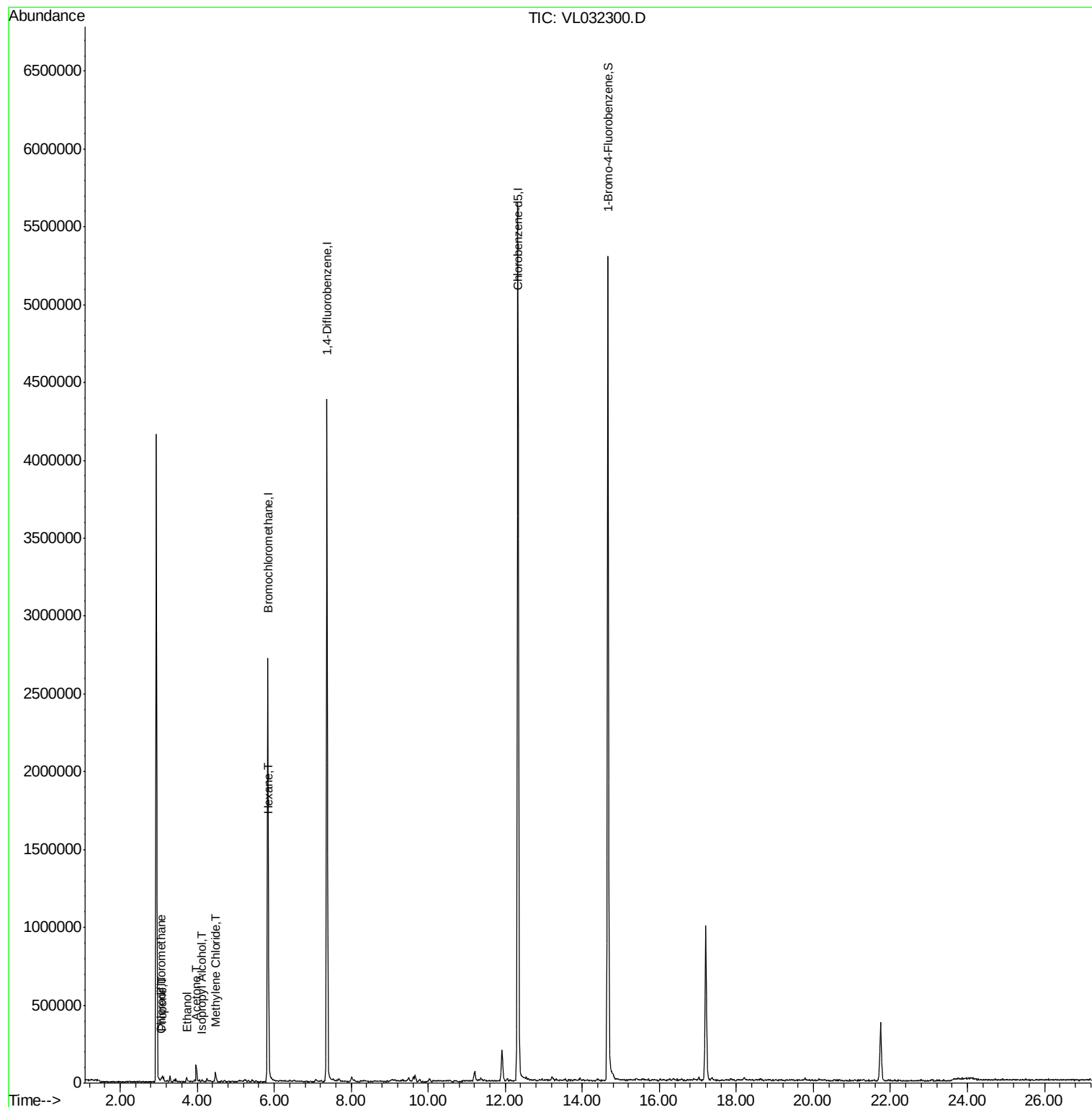
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL071918\
Data File : VL032300.D
Acq On : 19 Jul 2018 22:55
Operator : SY/AP
Sample : J4063-03DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

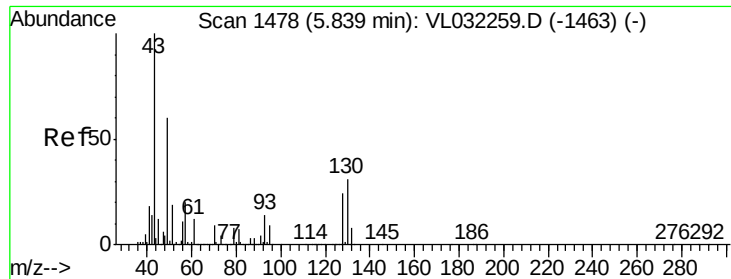
Instrument :
MSVOA_L
ClientSampleId :
OUTSIDE-01-0717-03DL

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Quant Time: Jul 20 04:05:19 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: 5.83 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VL032300.D

Acq: 19 Jul 2018 22:55

Instrument :

MSVOA_L

ClientSampleID :

OUTSIDE-01-0717-03DL

Tot Ion: 49 Resp: 1496100

Ion Ratio Lower Upper

49 100

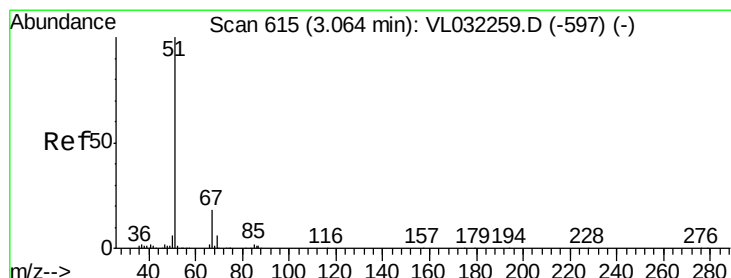
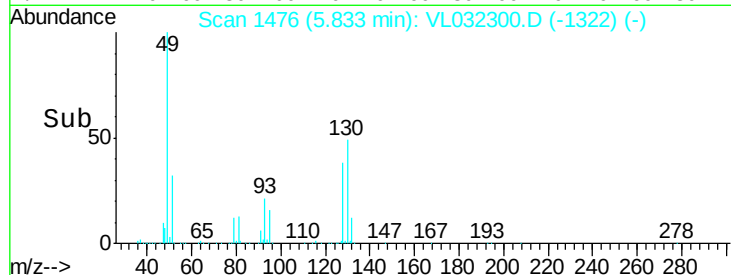
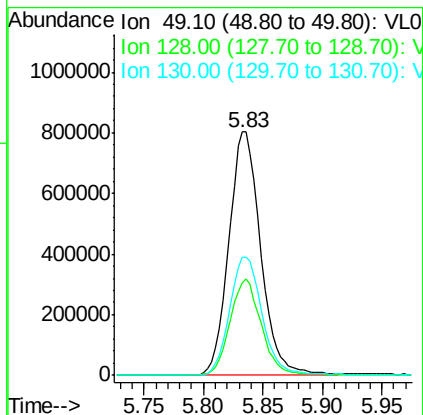
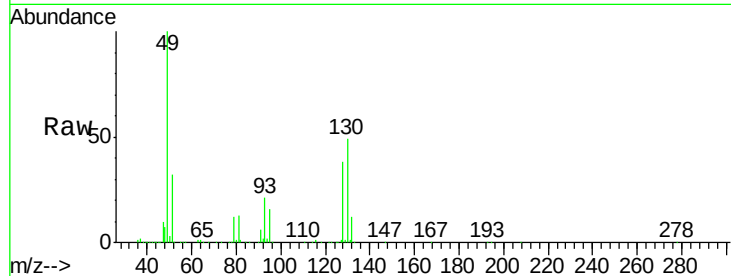
128 39.1 20.1 60.2

130 50.1 25.9 77.6

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#3

Chlorodifluoromethane

Concen: 0.11 ppbv

RT: 3.06 min Scan# 614

Delta R.T. -0.00 min

Lab File: VL032300.D

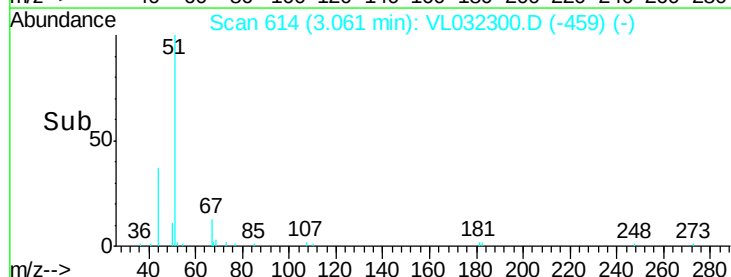
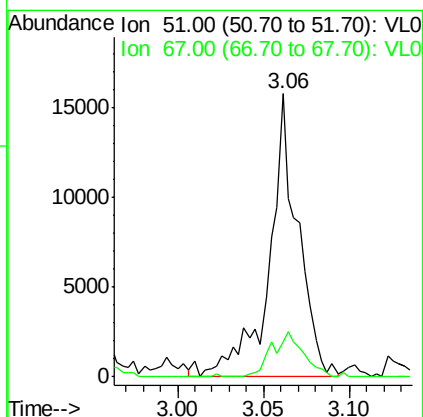
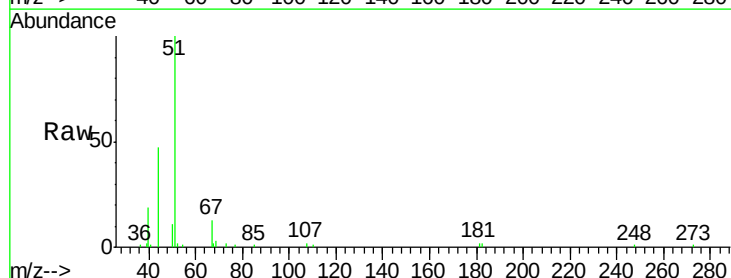
Acq: 19 Jul 2018 22:55

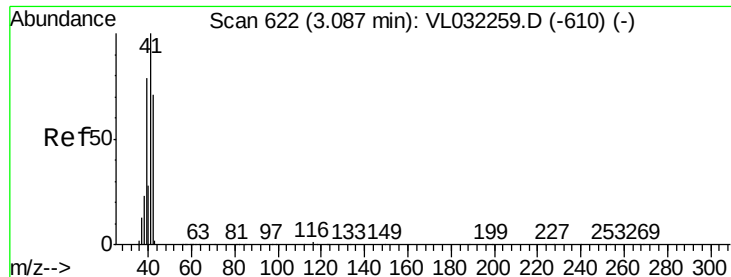
Tgt Ion: 51 Resp: 18461

Ion Ratio Lower Upper

51 100

67 17.7 14.2 21.4





#9

Propene

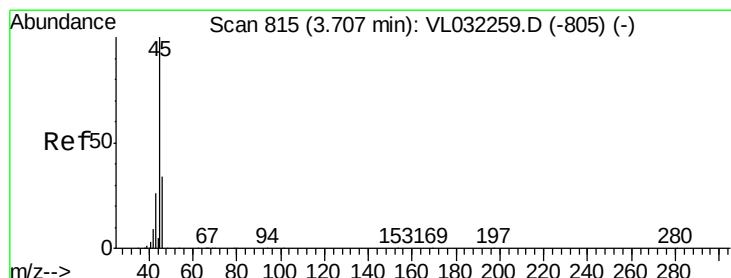
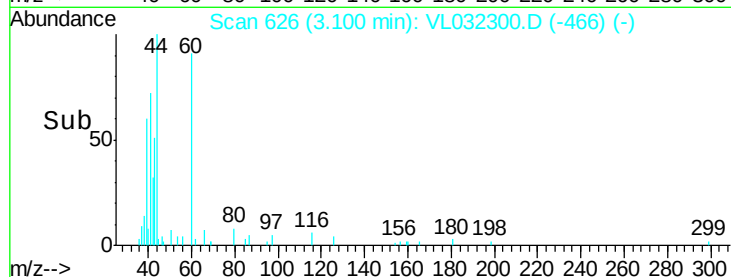
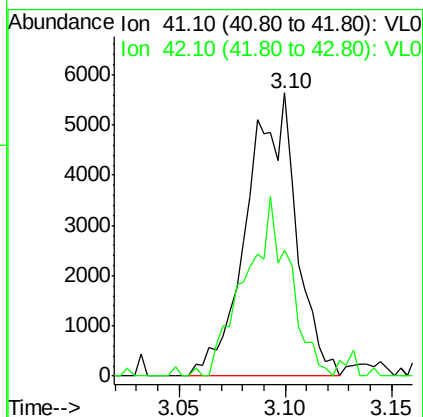
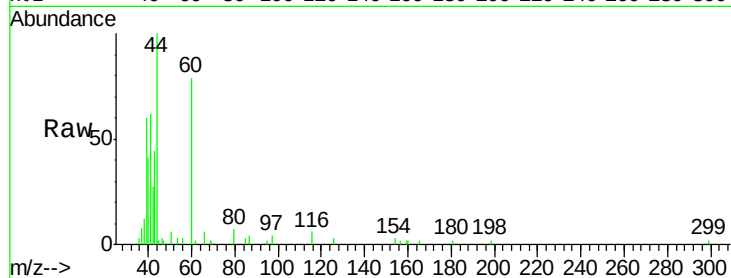
Concen: 0.12 ppbv m
RT: 3.10 min Scan# 626
Delta R.T. 0.01 min
Lab File: VL032300.D
Acq: 19 Jul 2018 22:55

Instrument :
MSVOA_L
ClientSampleId :
OUTSIDE-01-0717-03DL

Tot Ion	Ratio	Lower	Upper
41	100		
42	21.9	56.2	84.4#

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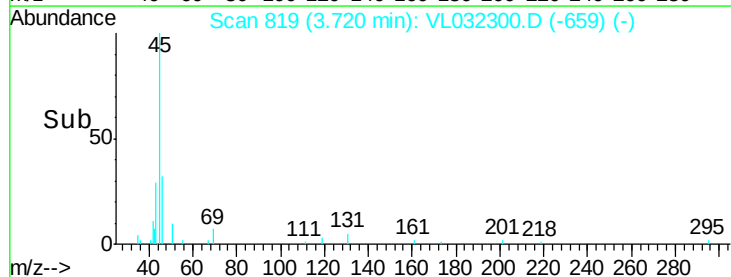
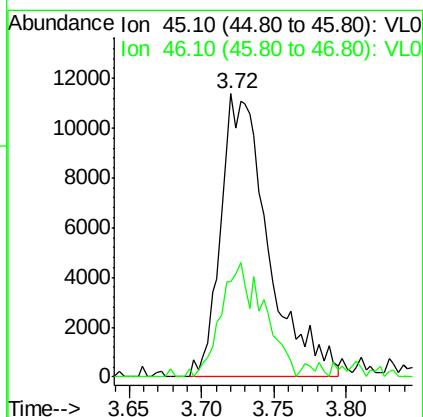
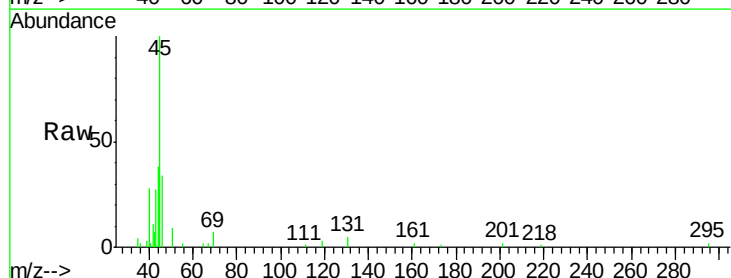


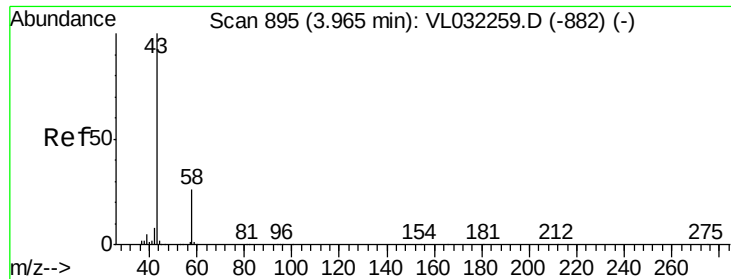
#13

Ethanol

Concen: 1.24 ppbv m
RT: 3.72 min Scan# 819
Delta R.T. 0.01 min
Lab File: VL032300.D
Acq: 19 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.2	60.8#





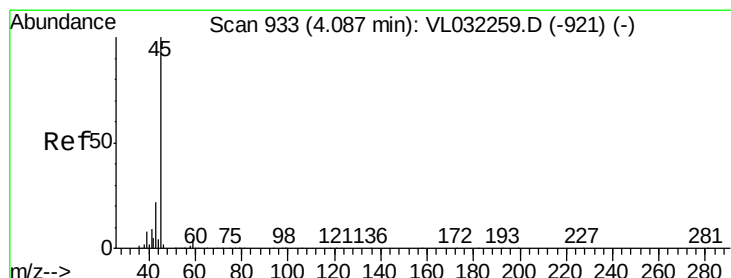
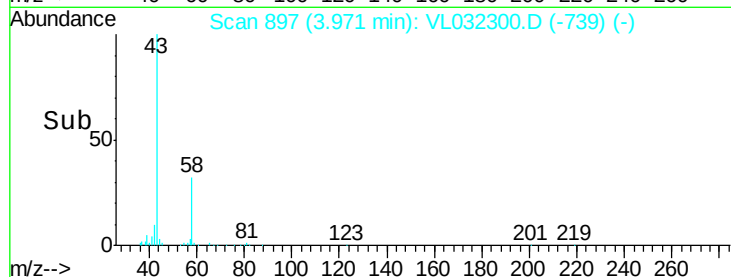
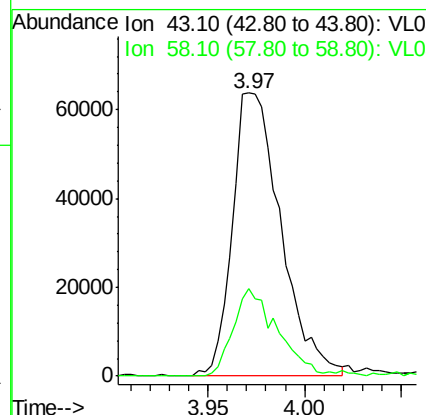
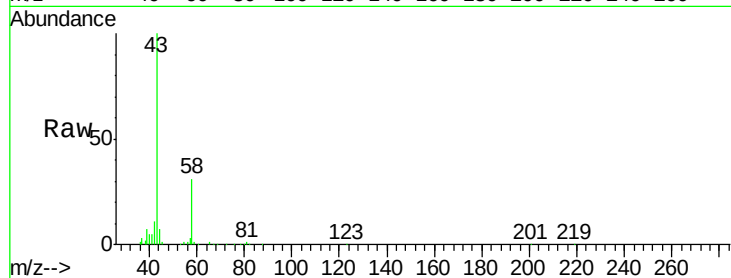
#15
Acetone
Concen: 0.71 ppbv
RT: 3.97 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL032300.D
Acq: 19 Jul 2018 22:55

Instrument :
MSVOA_L
ClientSampleId :
OUTSIDE-01-0717-03DL

Tot Ion: 43 Resp: 110985
Ion Ratio Lower Upper
43 100
58 29.0 21.8 32.6

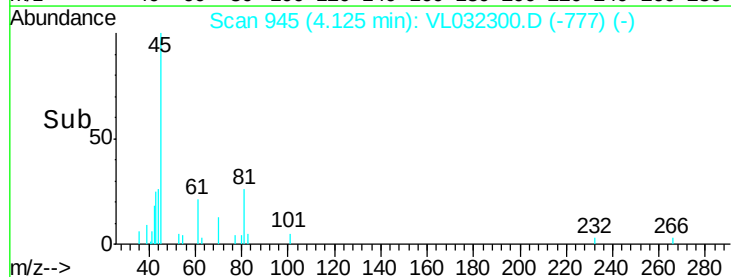
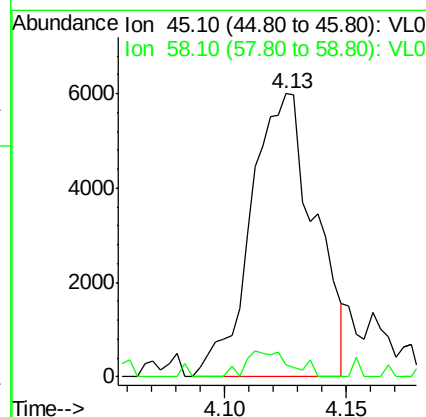
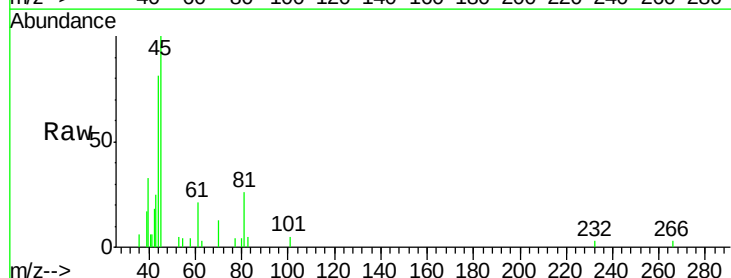
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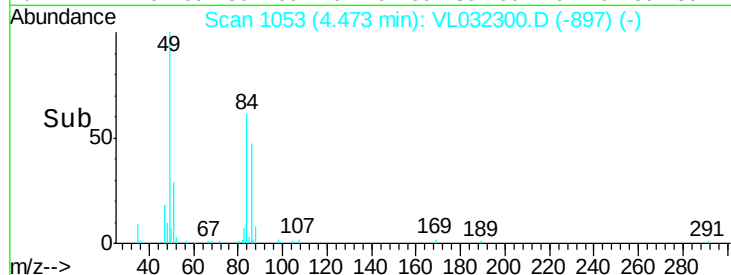
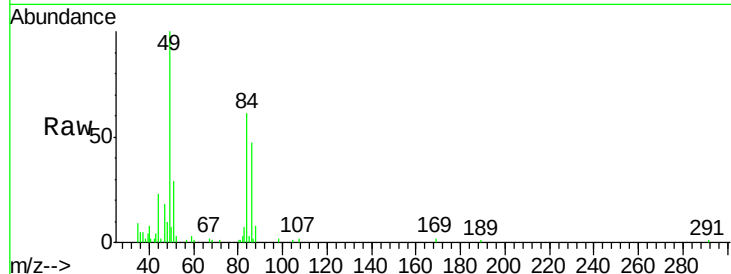
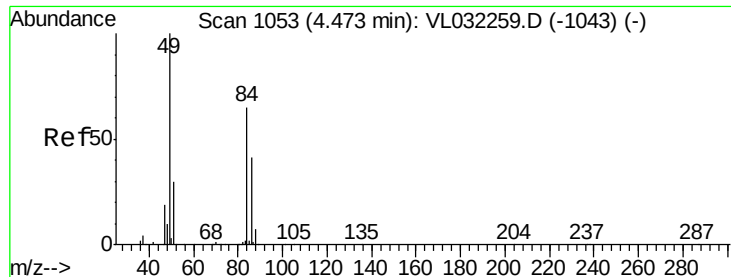
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#19
Isopropyl Alcohol
Concen: 0.10 ppbv m
RT: 4.13 min Scan# 945
Delta R.T. 0.04 min
Lab File: VL032300.D
Acq: 19 Jul 2018 22:55

Tgt Ion: 45 Resp: 10979
Ion Ratio Lower Upper
45 100
58 0.0 1.5 2.3#





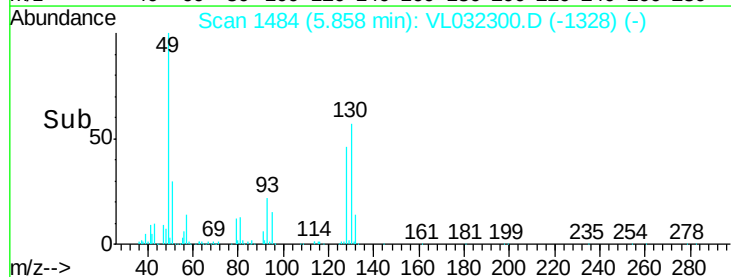
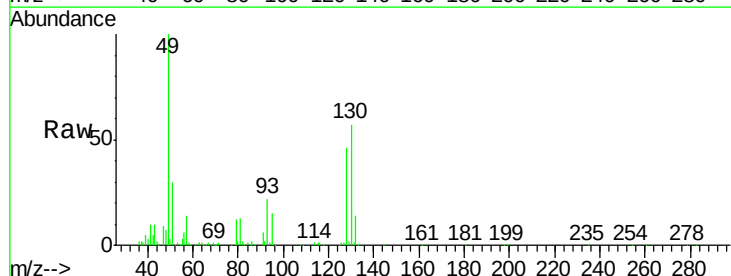
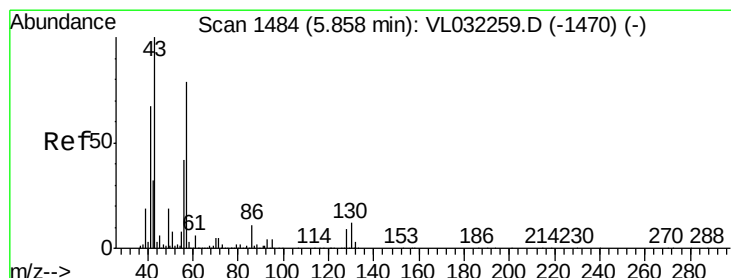
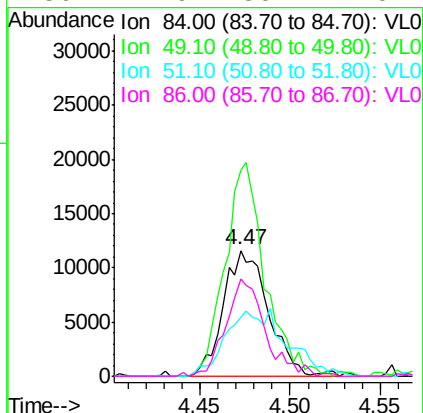
#20
Methvlene Chloride
Concen: 0.33 ppbv m
RT: 4.47 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VL032300.D
Acq: 19 Jul 2018 22:55

Tot Ion	Ratio	Lower	Upper
84	100		
49	164.3	122.4	183.6
51	47.1	36.8	55.2
86	77.9	50.7	76.1

Instrument :
MSVOA_L
ClientSampleId :
OUTSIDE-01-0717-03DL

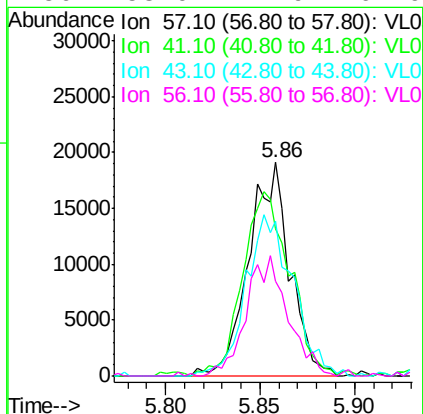
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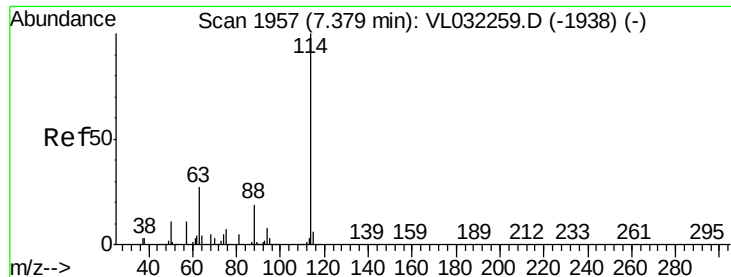
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#26
Hexane
Concen: 0.18 ppbv m
RT: 5.86 min Scan# 1484
Delta R.T. 0.00 min
Lab File: VL032300.D
Acq: 19 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
57	100		
41	101.1	67.9	101.9
43	88.0	175.9	263.9
56	58.0	41.9	62.9





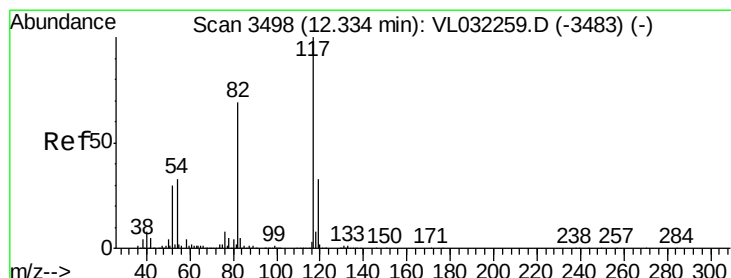
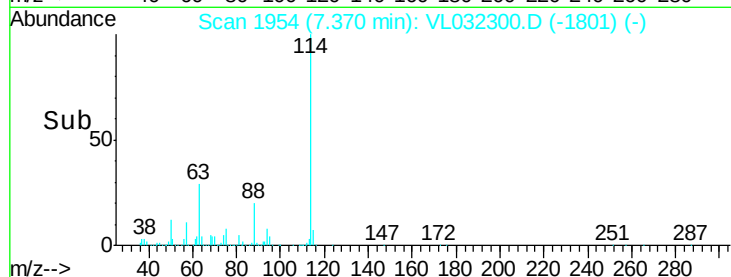
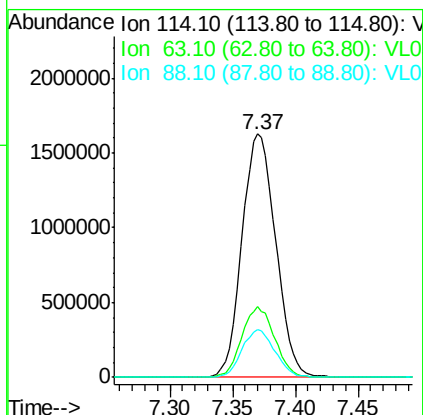
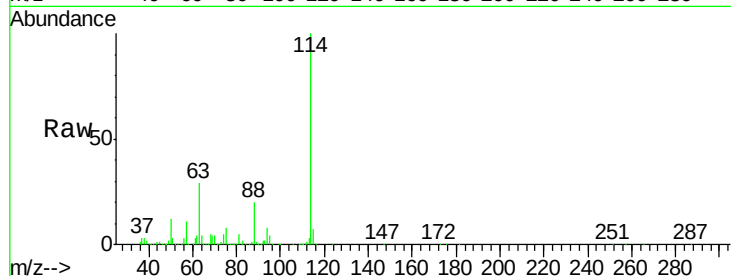
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.37 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: VL032300.D
 Acq: 19 Jul 2018 22:55

Instrument :
 MSVOA_L
 ClientSampleId :
 OUTSIDE-01-0717-03DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.4	22.6	33.8
88	19.4	15.2	22.8

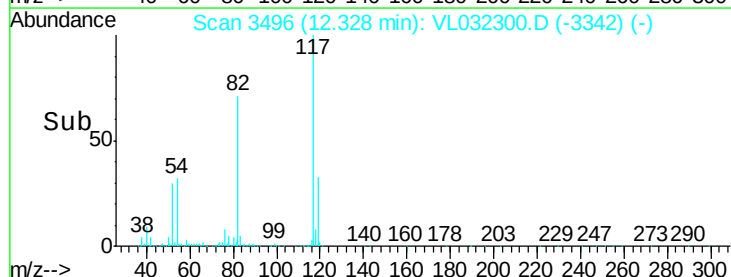
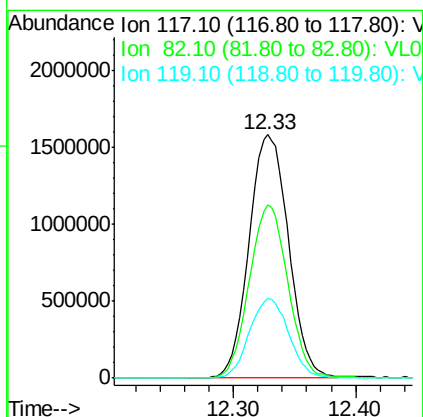
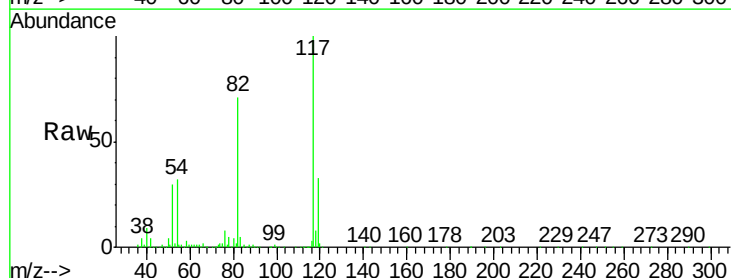
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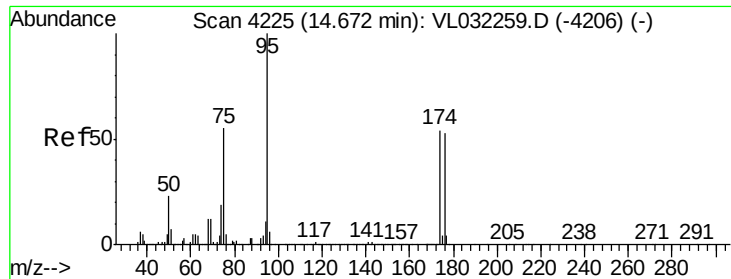
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#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.33 min Scan# 3496
 Delta R.T. -0.01 min
 Lab File: VL032300.D
 Acq: 19 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.9	53.9	80.9
119	32.8	25.5	38.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.68 ppbv
 RT: 14.67 min Scan# 4223
 Delta R.T. -0.01 min
 Lab File: VL032300.D
 Acq: 19 Jul 2018 22:55

Instrument :
 MSVOA_L
 ClientSampleId :
 OUTSIDE-01-0717-03DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	55.1	44.3	66.5
175	3.9	3.3	4.9

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