

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL060118\
 Data File : VL032042.D
 Acq On : 2 Jun 2018 4:48
 Operator : SY/AP
 Sample : J3225-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
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 6/4/2018 3:35:58 PM

Quant Time: Jun 03 14:05:17 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL053118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 01 02:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.86	49	1327855	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.40	114	3173170	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.36	117	2435566	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.70	95	1934413	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.11	41	24238m	0.59	ppbv	
13) Ethanol	3.73	45	37200m	2.33	ppbv	
15) Acetone	3.98	43	1455975	9.09	ppbv	97
17) tert-Butyl alcohol	4.47	59	44907	0.58	ppbv #	88
19) Isopropyl Alcohol	4.13	45	29163	0.28	ppbv #	95
26) Hexane	5.88	57	14818	0.10	ppbv #	46
27) Carbon Disulfide	4.72	76	27388	0.14	ppbv #	63
34) 2-Butanone	5.44	43	140964	0.56	ppbv	97
52) Tetrachloroethene	11.50	164	175323	1.58	ppbv	99

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

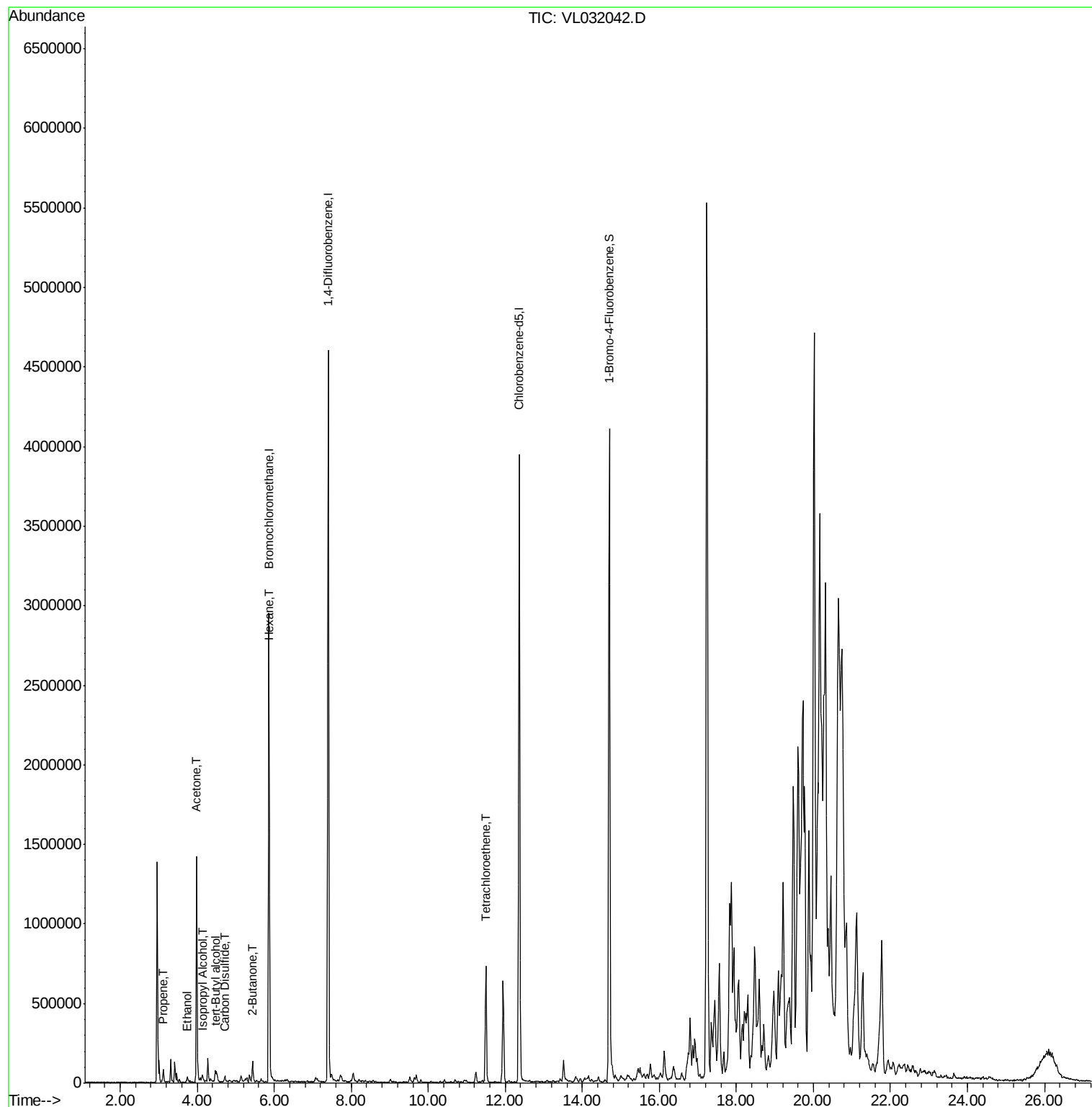
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL060118\
Data File : VL032042.D
Acq On : 2 Jun 2018 4:48
Operator : SY/AP
Sample : J3225-01DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

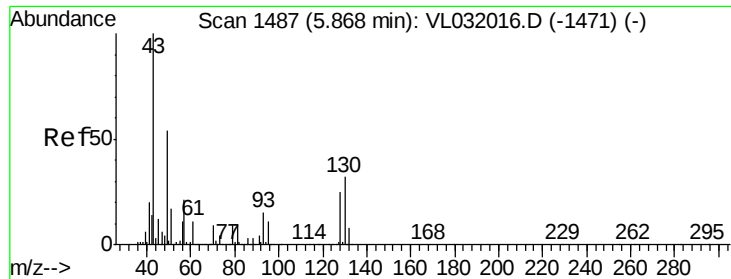
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
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Quant Time: Jun 03 14:05:17 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL053118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
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Response via : Initial Calibration





#1

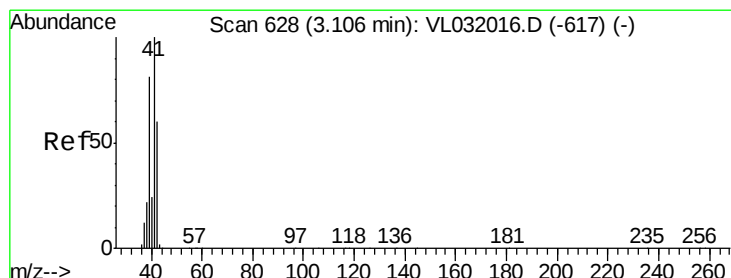
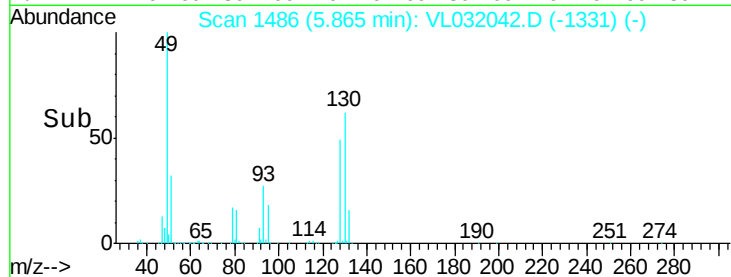
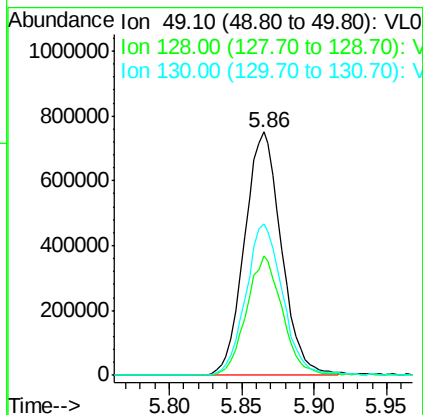
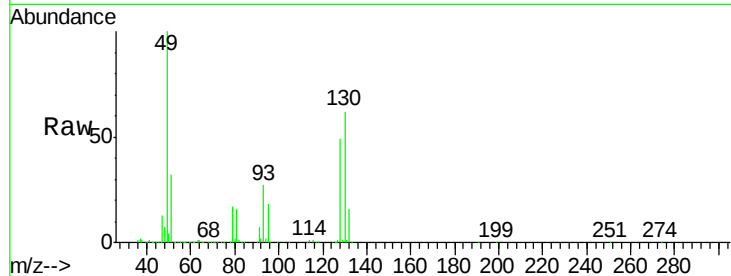
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.86 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VL032042.D
 Acq: 2 Jun 2018 4:48

Instrument :
 MSVOA_L
 ClientSampled :
 SV1DL

Tot Ion: 49 Resp: 1327855
 Ion Ratio Lower Upper
 49 100
 128 48.4 24.1 72.3
 130 63.1 30.9 92.8

Manual Integrations
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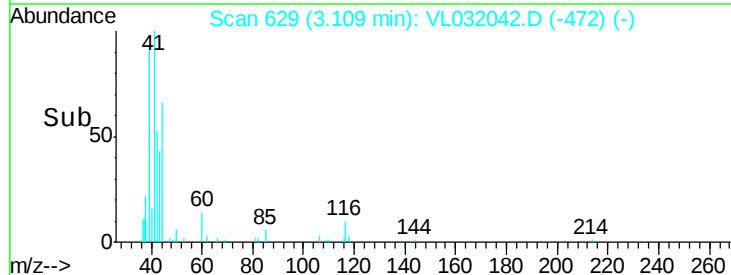
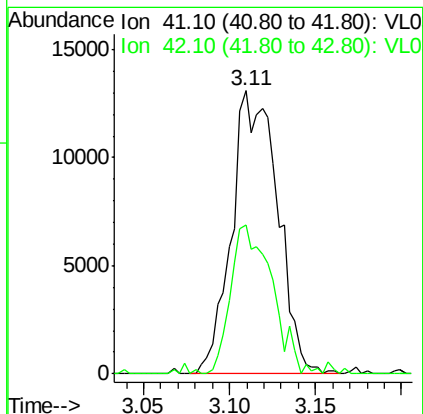
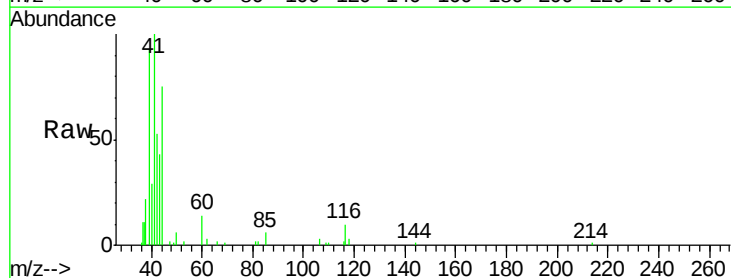
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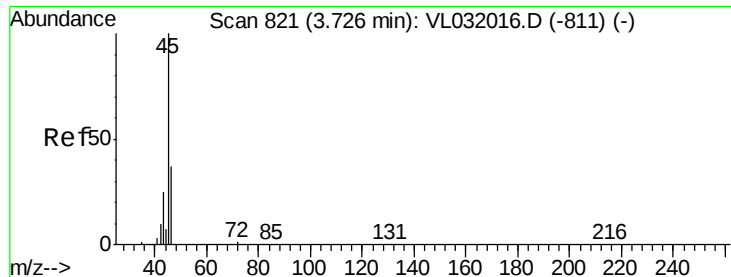


#9

Propene
 Concen: 0.59 ppbv m
 RT: 3.11 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: VL032042.D
 Acq: 2 Jun 2018 4:48

Tgt Ion: 41 Resp: 24238
 Ion Ratio Lower Upper
 41 100
 42 48.8 54.4 81.6#





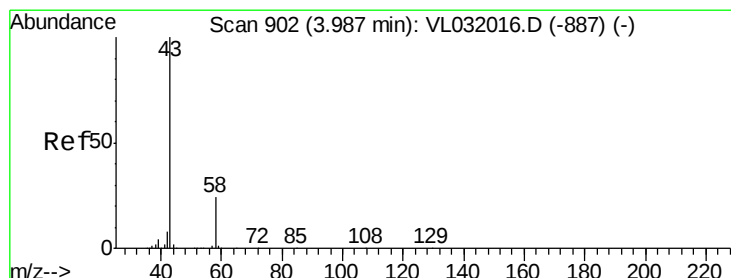
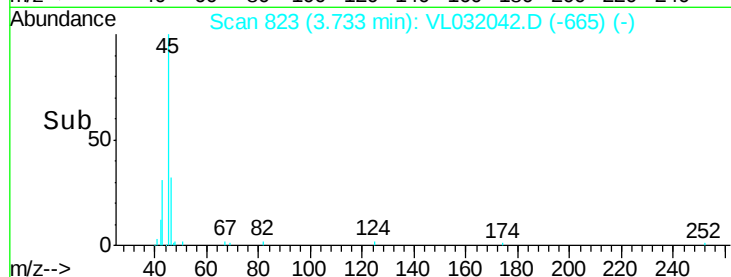
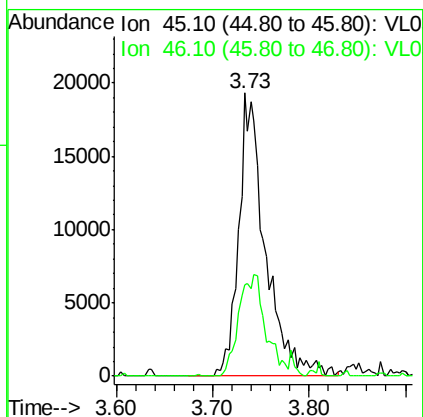
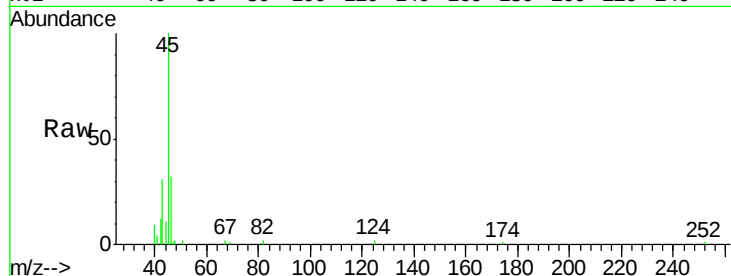
#13
Ethanol
Concen: 2.33 ppbv m
RT: 3.73 min Scan# 823
Delta R.T. 0.01 min
Lab File: VL032042.D
Acq: 2 Jun 2018 4:48

Instrument :
MSVOA_L
ClientSampled :
SV1DL

Tot Ion: 45 Resp: 37200
Ion Ratio Lower Upper
45 100
46 0.0 14.9 59.5#

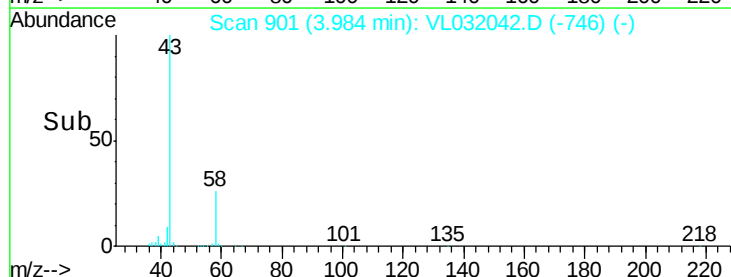
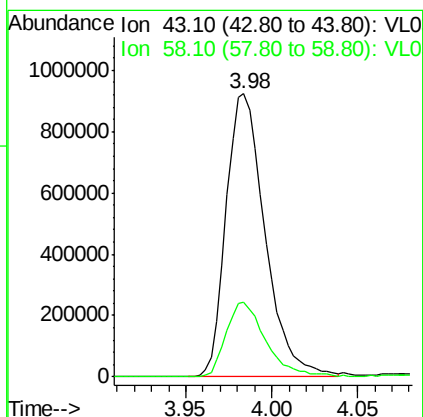
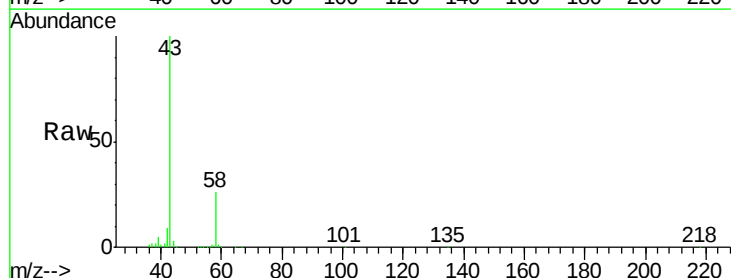
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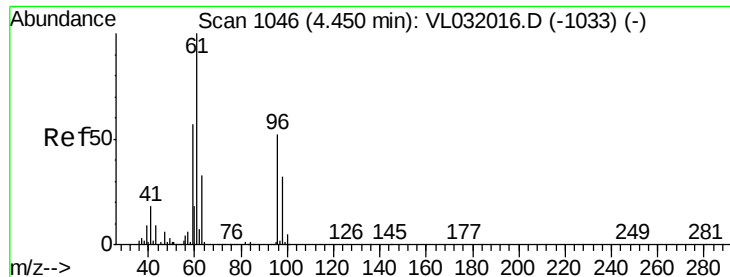
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#15
Acetone
Concen: 9.09 ppbv
RT: 3.98 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL032042.D
Acq: 2 Jun 2018 4:48

Tgt Ion: 43 Resp: 1455975
Ion Ratio Lower Upper
43 100
58 27.2 20.7 31.1





#17

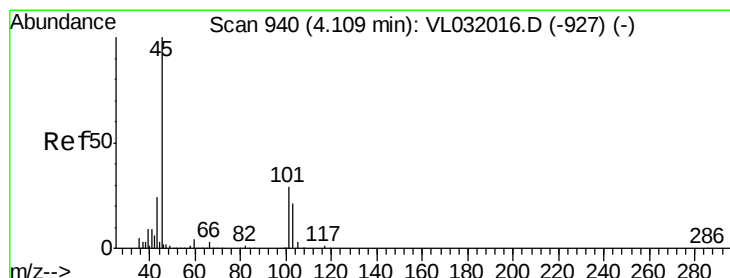
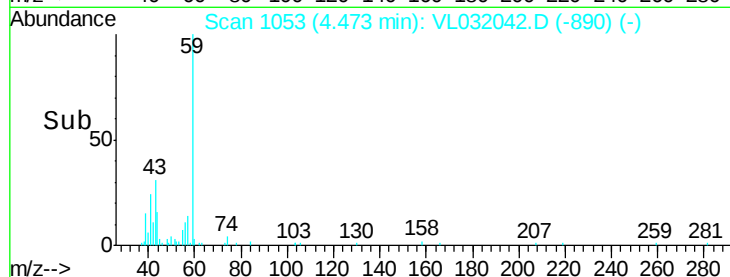
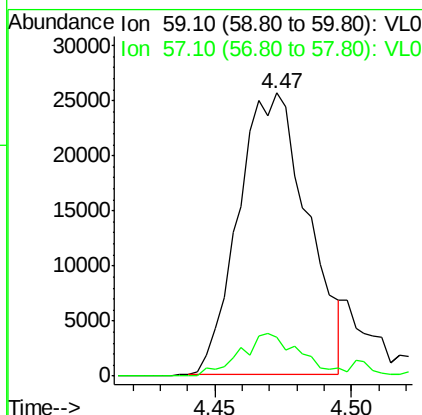
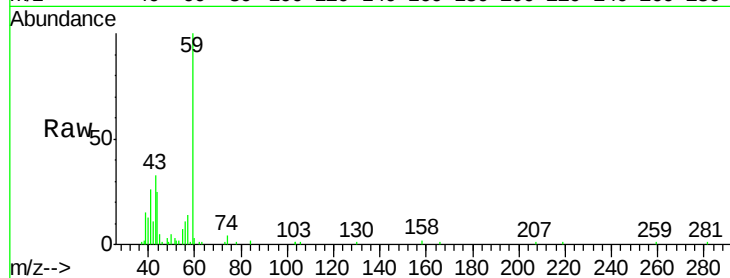
tert-Butyl alcohol
Concen: 0.58 ppbv
RT: 4.47 min Scan# 1053
Delta R.T. 0.02 min
Lab File: VL032042.D
Acq: 2 Jun 2018 4:48

Instrument :
MSVOA_L
ClientSampled :
SV1DL

Tot Ion	59	Resp	44907
Ion	Ratio	Lower	Upper
59	100		
57	15.1	8.3	12.5#

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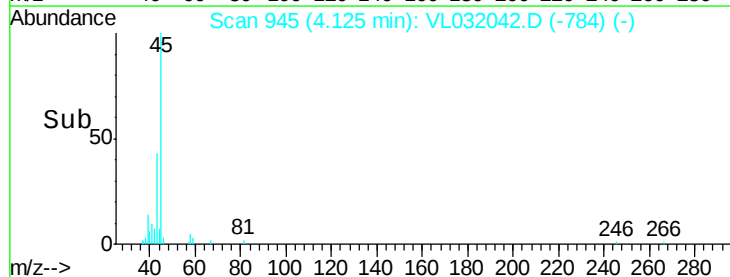
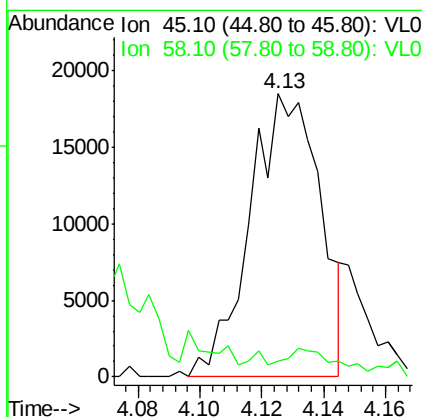
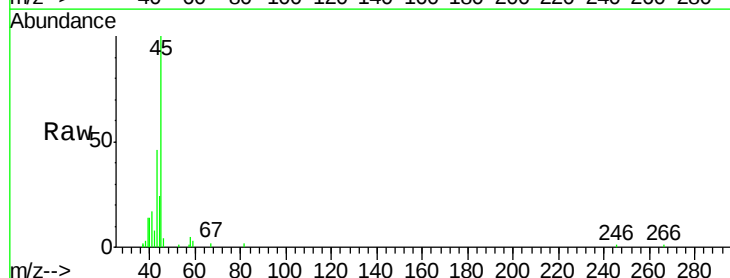
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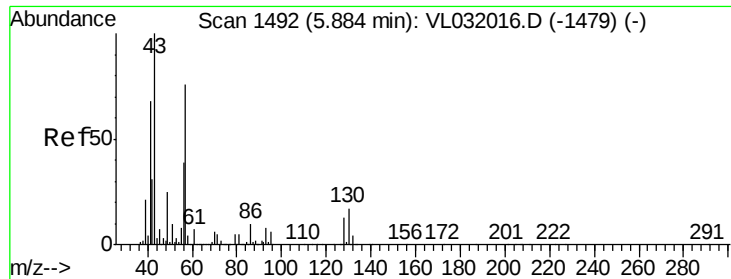


#19

Isopropyl Alcohol
Concen: 0.28 ppbv
RT: 4.13 min Scan# 945
Delta R.T. 0.02 min
Lab File: VL032042.D
Acq: 2 Jun 2018 4:48

Tgt Ion	45	Resp	29163
Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.5	2.3#





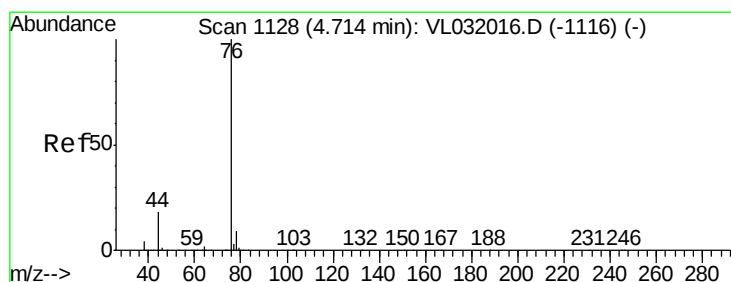
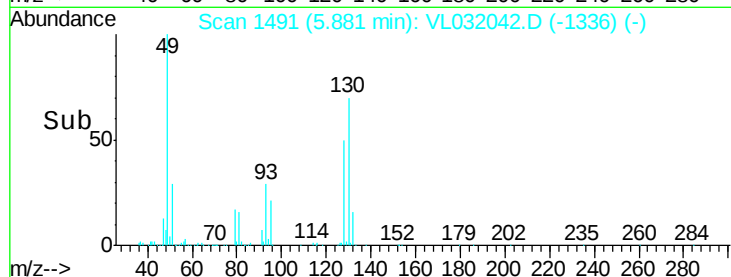
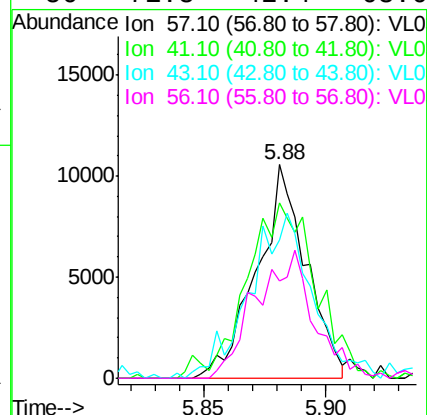
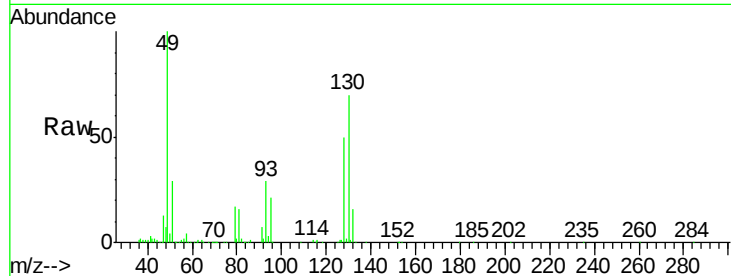
#26
Hexane
Concen: 0.10 ppbv
RT: 5.88 min Scan# 1491
Delta R.T. -0.00 min
Lab File: VL032042.D
Acq: 2 Jun 2018 4:48

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	120.8	71.4	107.2#
43	101.3	168.6	252.8#
56	71.8	42.4	63.6#

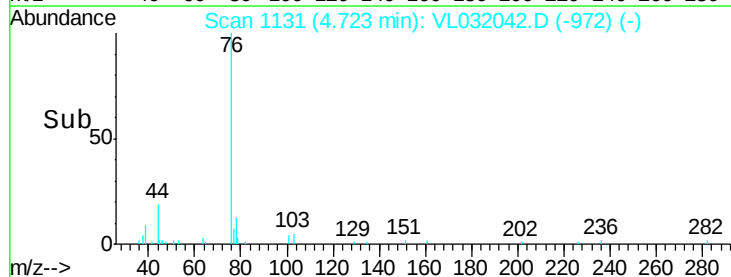
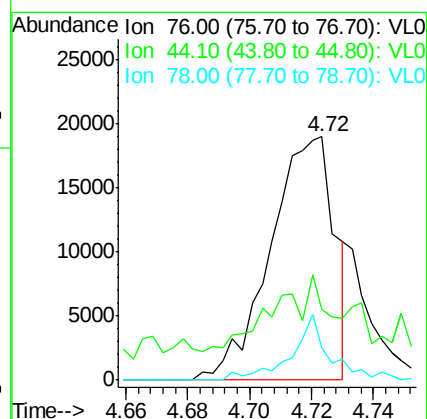
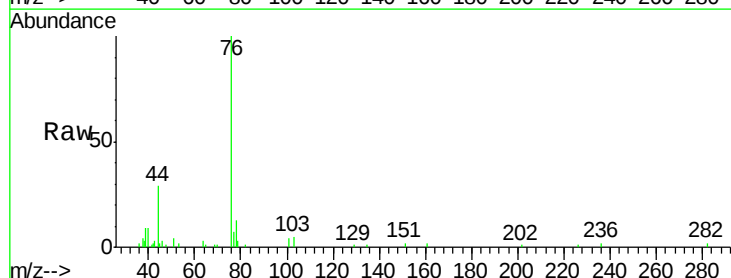
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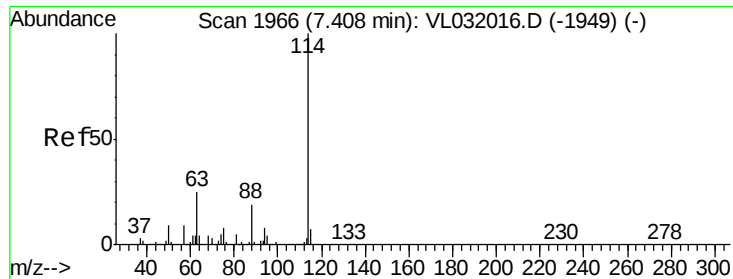
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#27
Carbon Disulfide
Concen: 0.14 ppbv
RT: 4.72 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VL032042.D
Acq: 2 Jun 2018 4:48

Tgt Ion	Ratio	Lower	Upper
76	100		
44	39.1	14.9	22.3#
78	16.2	7.6	11.4#





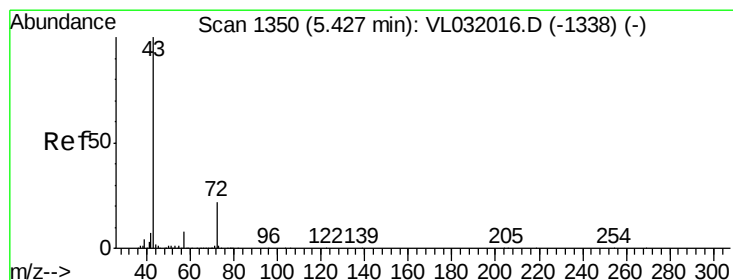
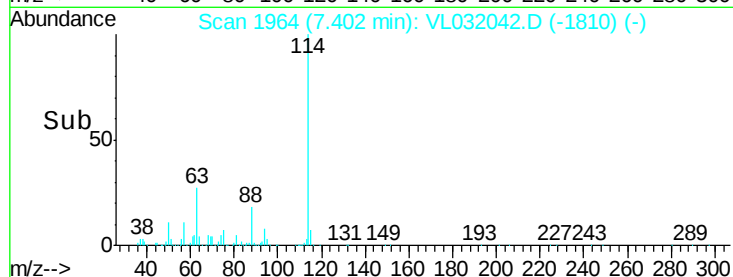
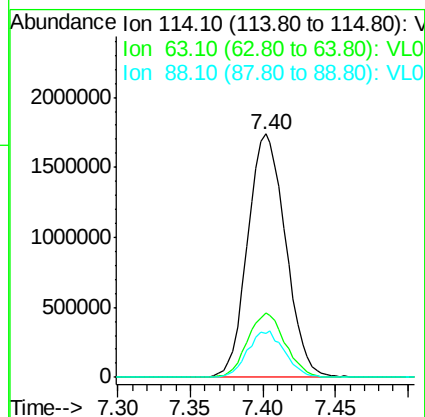
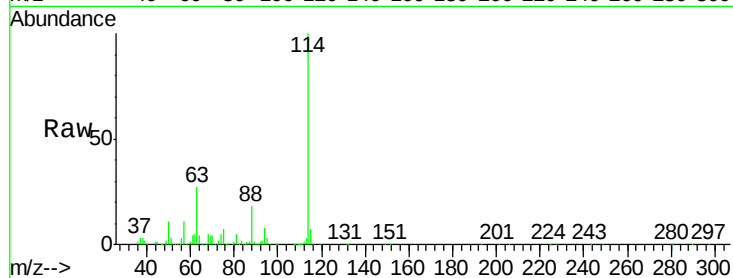
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.40 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: VL032042.D
 Acq: 2 Jun 2018 4:48

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.3	21.1	31.7
88	18.6	14.8	22.2

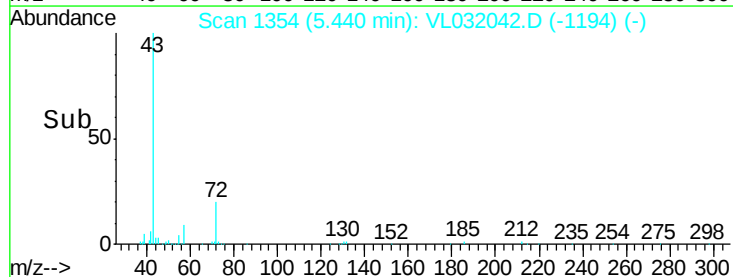
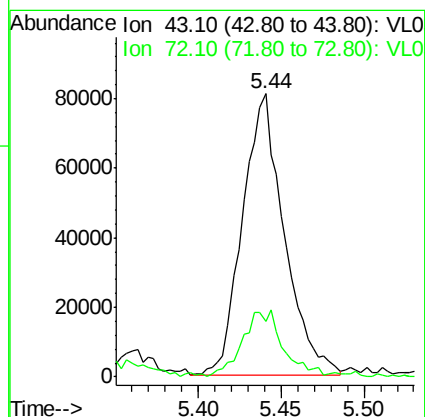
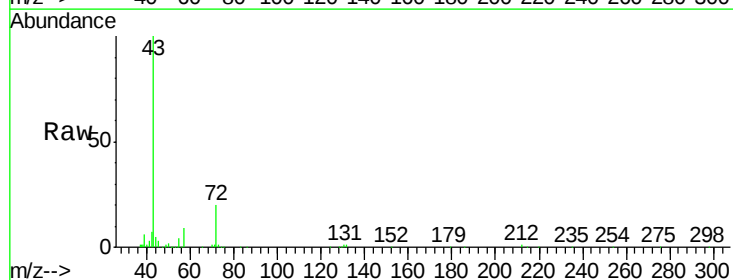
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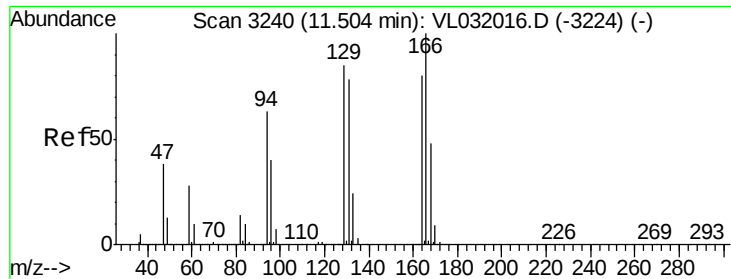
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#34
 2-Butanone
 Concen: 0.56 ppbv
 RT: 5.44 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: VL032042.D
 Acq: 2 Jun 2018 4:48

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.5	18.6	27.8





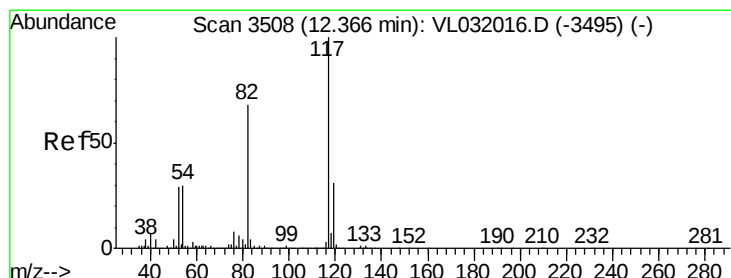
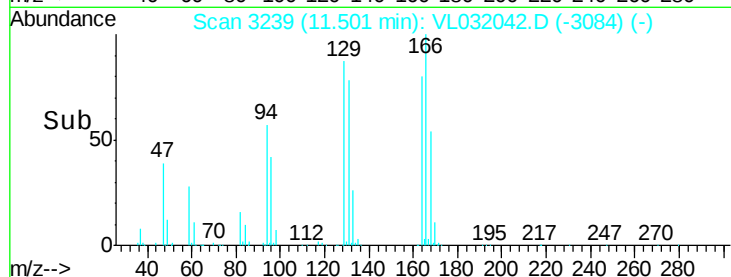
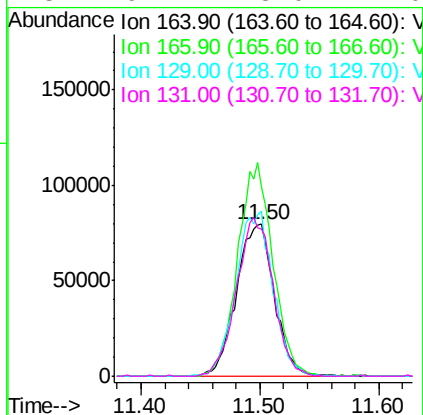
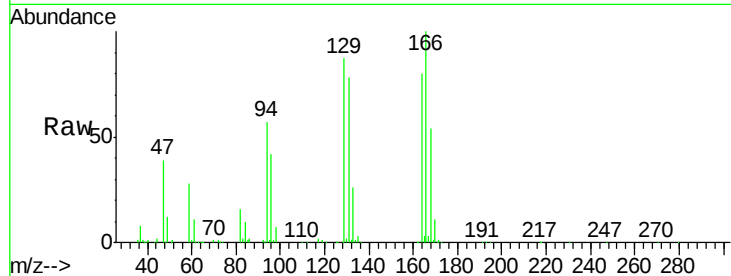
#52
Tetrachloroethene
Concen: 1.58 ppbv
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VL032042.D
Acq: 2 Jun 2018 4:48

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.3	100.2	150.2
129	108.3	85.4	128.0
131	97.2	78.0	117.0

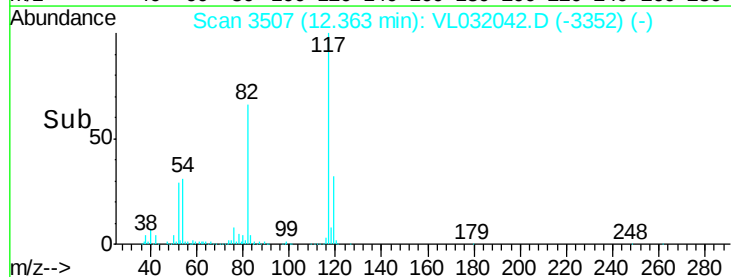
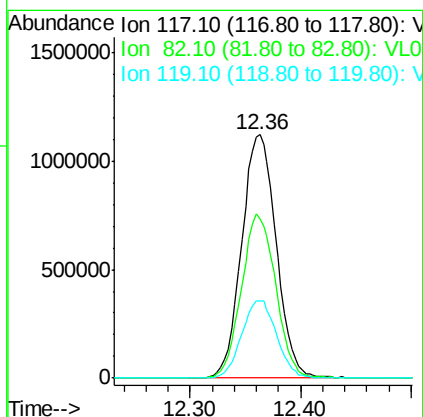
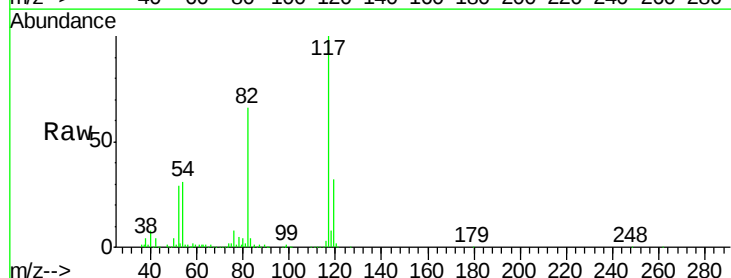
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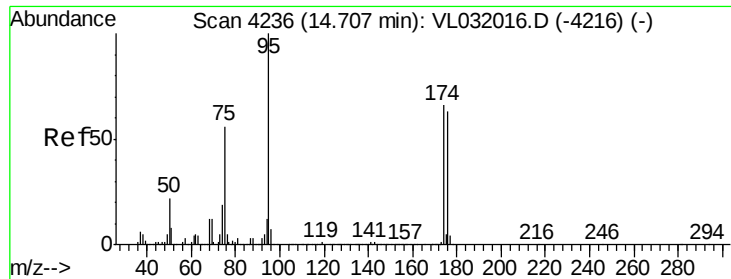
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#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.36 min Scan# 3507
Delta R.T. -0.00 min
Lab File: VL032042.D
Acq: 2 Jun 2018 4:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	67.1	52.7	79.1
119	32.2	25.5	38.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.28 ppbv
 RT: 14.70 min Scan# 4233
 Delta R.T. -0.01 min
 Lab File: VL032042.D
 Acq: 2 Jun 2018 4:48

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Tot Ion: 95 Resp: 1934413
 Ion Ratio Lower Upper
 95 100
 174 66.7 53.2 79.8
 175 4.8 3.7 5.5

Manual Integrations
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