

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072718\
 Data File : VL032319.D
 Acq On : 27 Jul 2018 14:57
 Operator : SY/AP
 Sample : J4131-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2

Manual Integrations
 APPROVED

MMDadoda
 7/30/2018 11:43:07 AM

Quant Time: Jul 28 00:13:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.83	49	1760346	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3631234	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.32	117	4148023	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.66	95	3081169	9.57	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.12	85	50547	0.24	ppbv	93
3) Chlorodifluoromethane	3.06	51	8076546m	45.89	ppbv	
4) Chloromethane	3.22	50	85801	0.81	ppbv	91
9) Propene	3.09	41	324639m	4.10	ppbv	
10) Heptane	8.33	43	248349	0.89	ppbv	98
11) Trichlorofluoromethane	4.06	101	59947	0.30	ppbv	98
13) Ethanol	3.71	45	241491	10.62	ppbv	100
15) Acetone	3.95	43	2091284	12.60	ppbv	96
17) tert-Butyl alcohol	4.44	59	45903m	0.87	ppbv	
20) Methylene Chloride	4.47	84	1165553	17.48	ppbv	99
26) Hexane	5.85	57	1699479	10.09	ppbv #	48
27) Carbon Disulfide	4.68	76	77606	0.51	ppbv #	89
28) Methyl tert-Butyl Ether	5.18	73	207297	0.91	ppbv	98
29) Chloroform	5.92	83	95638	0.39	ppbv	89
30) Cyclohexane	7.33	84	152675	1.16	ppbv #	73
34) 2-Butanone	5.40	43	1299948	5.53	ppbv	100
35) Carbon Tetrachloride	7.21	117	20423m	0.10	ppbv	
36) Benzene	7.09	78	84376m	0.26	ppbv	
37) 1,2-Dichloroethane	6.49	62	39348m	0.21	ppbv	
41) Tetrahydrofuran	6.23	42	14154m	0.11	ppbv	
44) 2,2,4-Trimethylpentane	8.07	57	112460	0.16	ppbv #	17
50) 4-Methyl-2-Pentanone	8.96	43	80602	0.19	ppbv	93
51) 2-Hexanone	10.37	43	163251	0.52	ppbv #	98
52) Tetrachloroethene	11.45	164	10630m	0.10	ppbv	
53) Toluene	10.03	91	1457650	3.81	ppbv	99
58) Ethyl Benzene	12.95	91	528270	1.02	ppbv	96
59) m/p-Xylene	13.20	91	1421168	3.21	ppbv	99
60) o-Xylene	13.93	91	780355	1.80	ppbv	97
61) Styrene	13.77	104	447463	1.40	ppbv	100
62) Isopropylbenzene	14.91	105	115013	0.19	ppbv	96
69) p-Isopropyltoluene	17.90	119	88126	0.15	ppbv	91
72) 4-Ethyltoluene	16.08	105	85569m	0.18	ppbv	
73) 1,3,5-Trimethylbenzene	16.24	105	90040	0.19	ppbv	95
74) 1,2,4-Trimethylbenzene	17.01	105	274758m	0.54	ppbv	

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

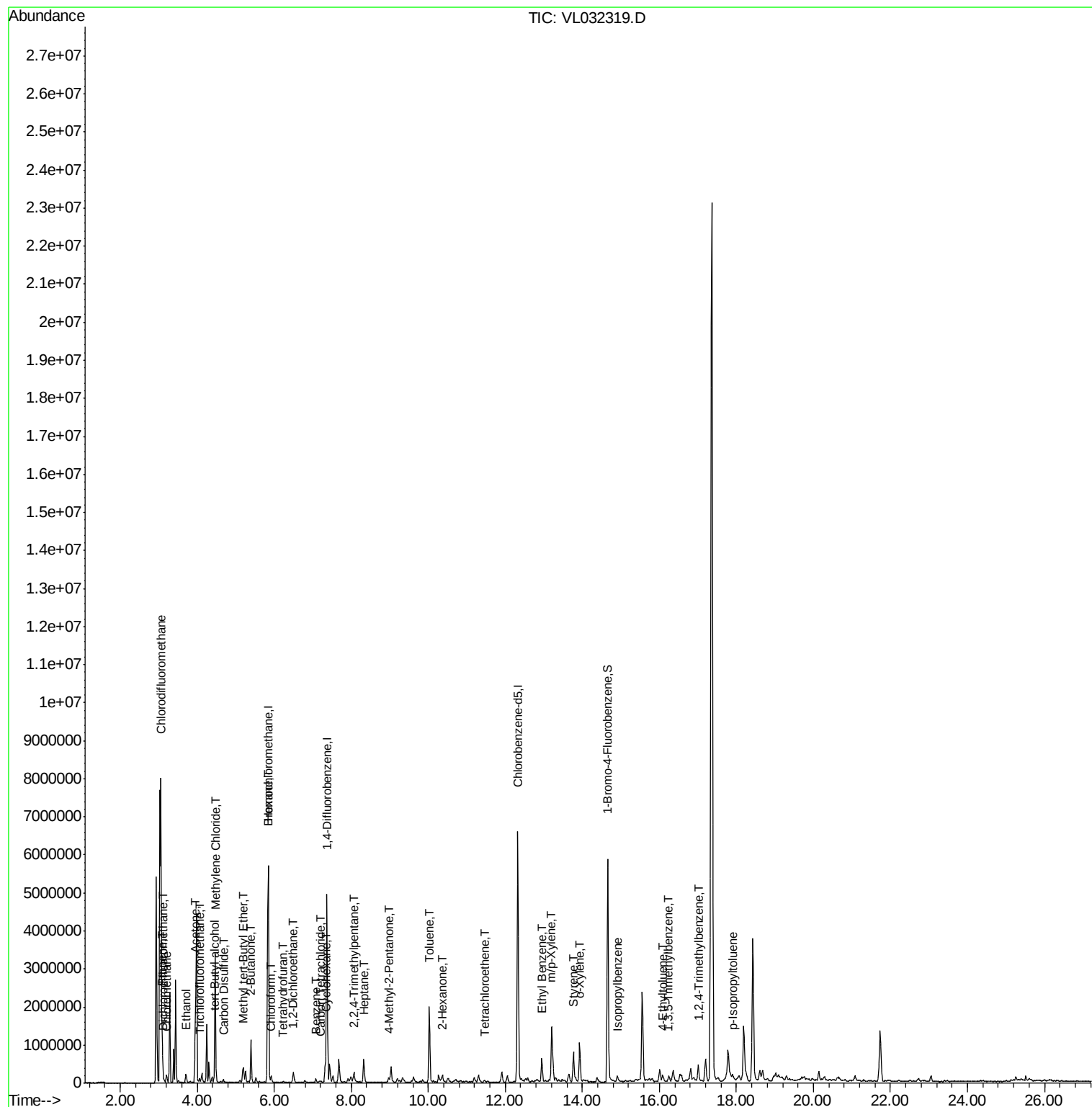
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL072718\
Data File : VL032319.D
Acq On : 27 Jul 2018 14:57
Operator : SY/AP
Sample : J4131-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

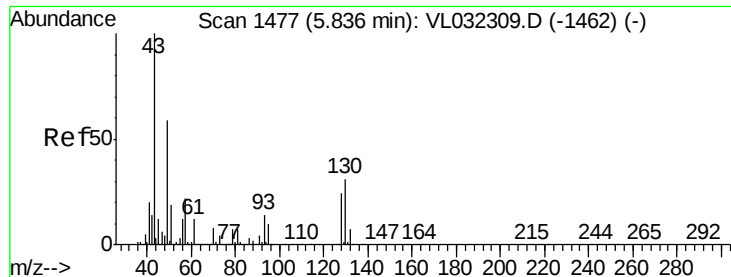
Instrument :
MSVOA_L
ClientSampleId :
SG-2

Manual Integrations
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7/30/2018 11:43:07 AM

Quant Time: Jul 28 00:13:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul
QLast Update : Fri Jul 27 07:05:37 2018
Response via : Initial Calibration





#1

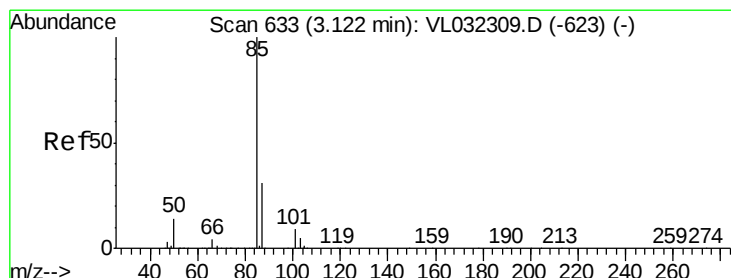
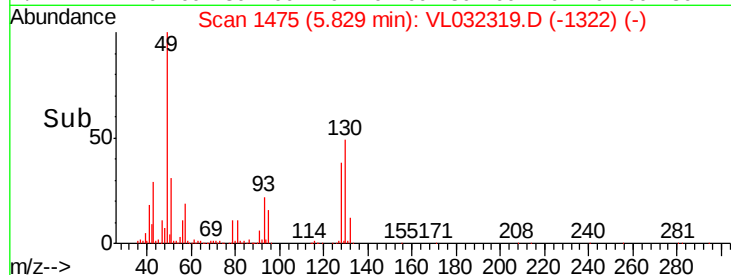
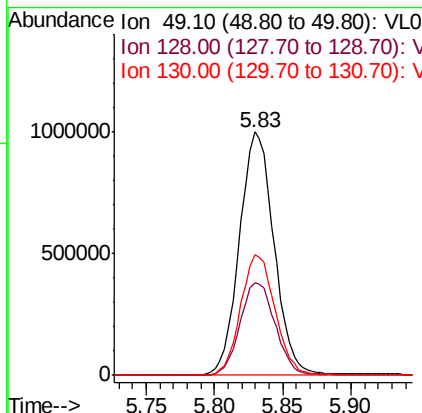
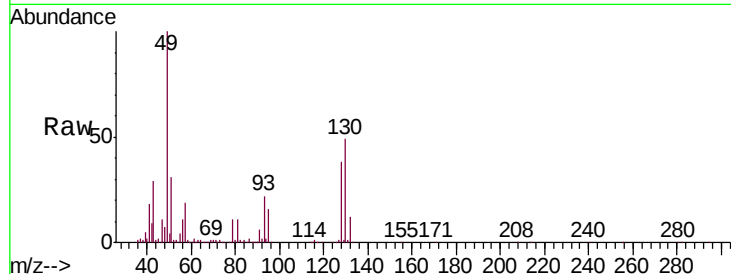
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.83 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: VL032319.D
 Acq: 27 Jul 2018 14:57

Instrument :
 MSVOA_L
 ClientSampled :
 SG-2

Tot Ion: 49 Resp: 1760346
 Ion Ratio Lower Upper
 49 100
 128 39.0 20.2 60.6
 130 50.0 25.8 77.3

Manual Integrations
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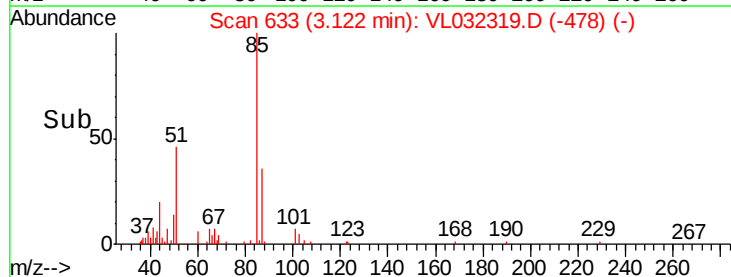
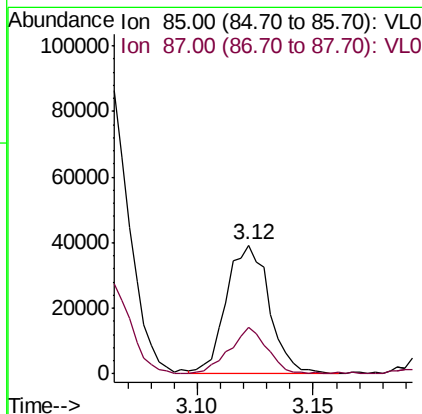
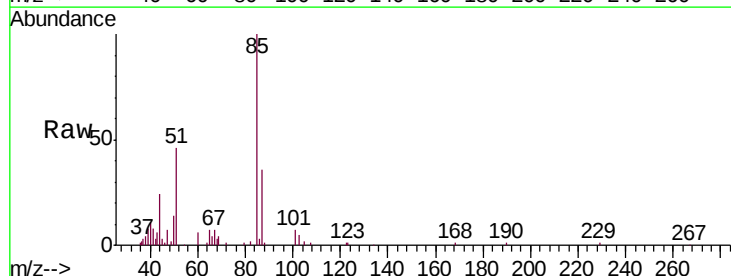
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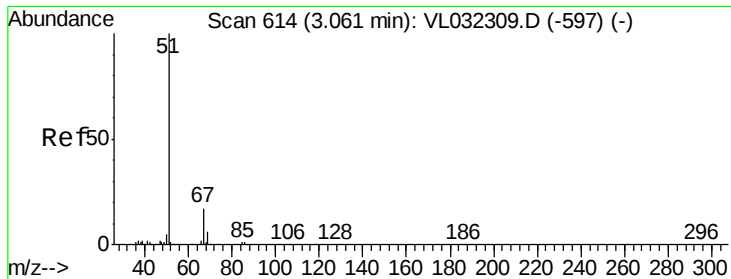


#2

Dichlorodifluoromethane
 Concen: 0.24 ppbv
 RT: 3.12 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VL032319.D
 Acq: 27 Jul 2018 14:57

Tgt Ion: 85 Resp: 50547
 Ion Ratio Lower Upper
 85 100
 87 35.6 25.2 37.8





#3

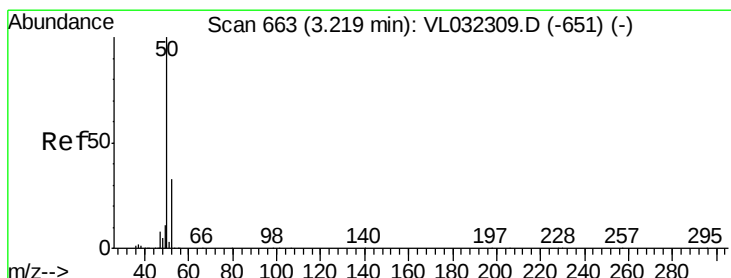
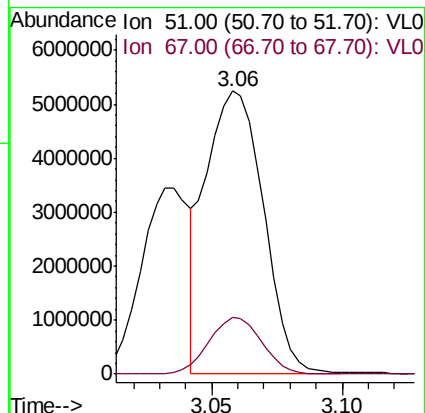
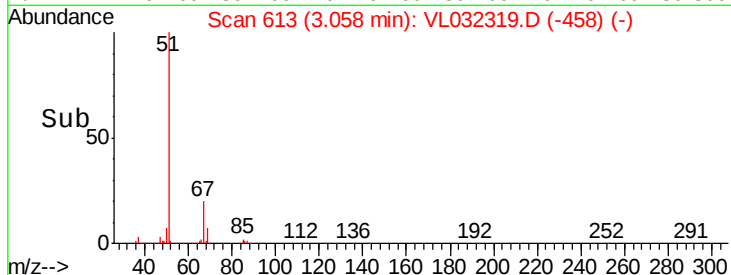
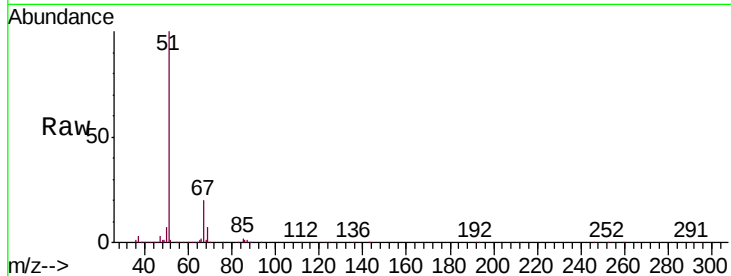
Chlorodifluoromethane
 Concen: 45.89 ppbv m
 RT: 3.06 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VL032319.D
 Acq: 27 Jul 2018 14:57

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2

Tot Ion: 51 Resp: 8076546
 Ion Ratio Lower Upper
 51 100
 67 18.5 13.5 20.3

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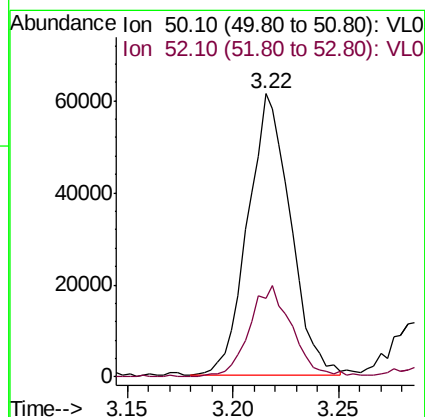
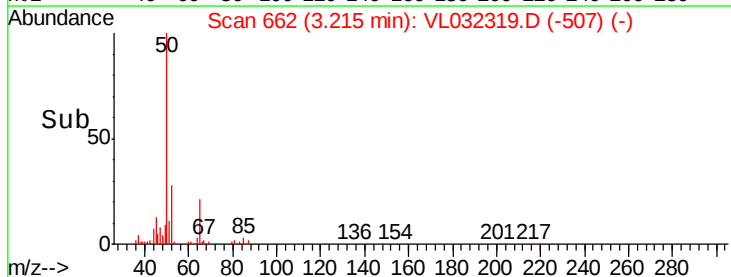
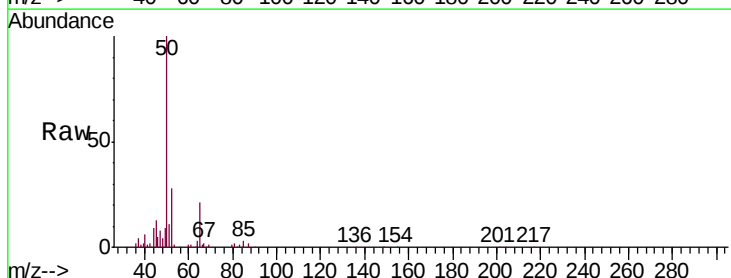
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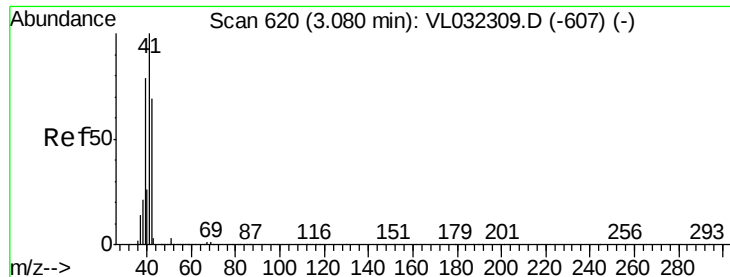


#4

Chloromethane
 Concen: 0.81 ppbv
 RT: 3.22 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: VL032319.D
 Acq: 27 Jul 2018 14:57

Tgt Ion: 50 Resp: 85801
 Ion Ratio Lower Upper
 50 100
 52 27.7 26.2 39.4





#9

Propene

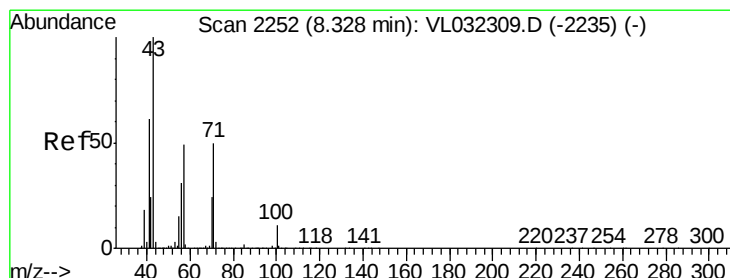
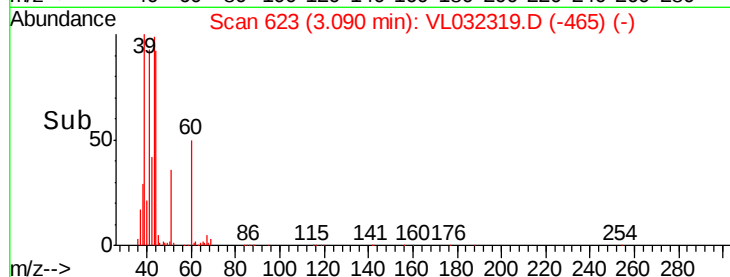
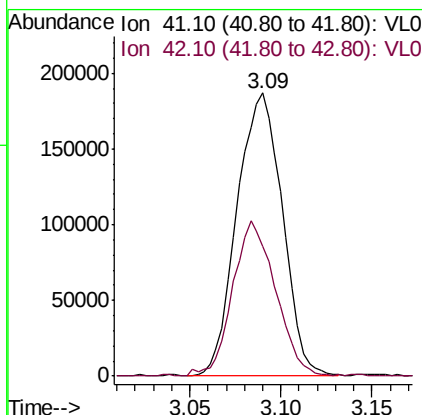
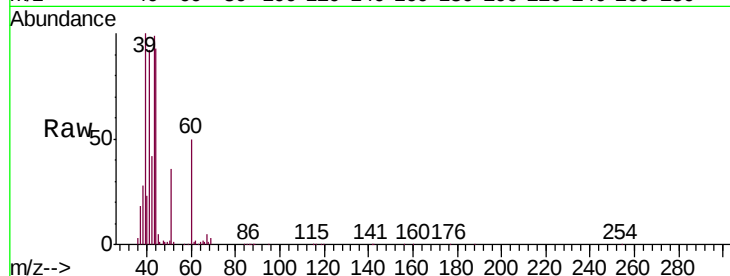
Concen: 4.10 ppbv m
 RT: 3.09 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: VL032319.D
 Acq: 27 Jul 2018 14:57

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2

Tot Ion	41	Resp	324639
Ion Ratio	100	Lower	Upper
42	135.2	56.8	85.2#

Manual Integrations
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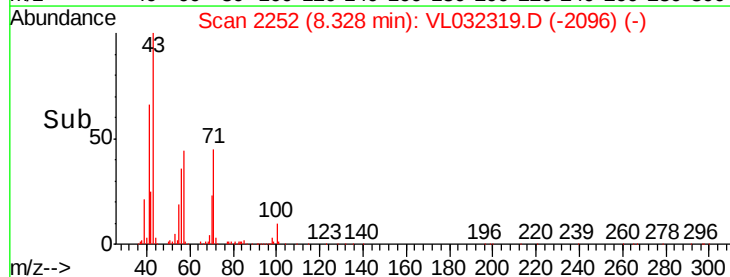
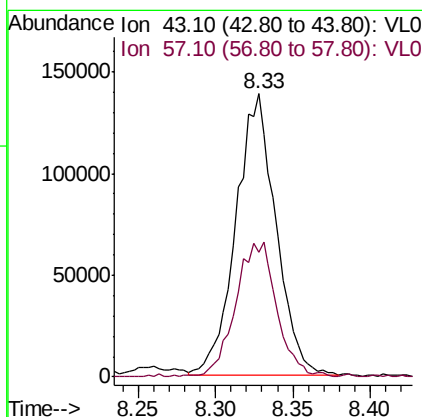
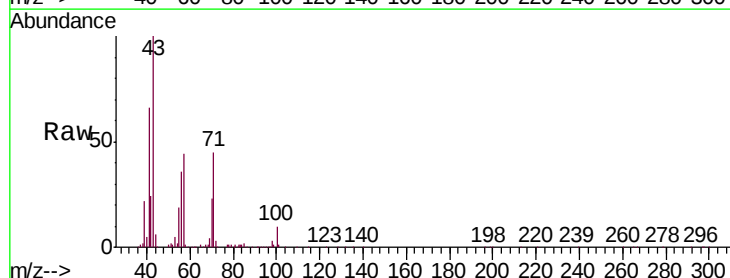


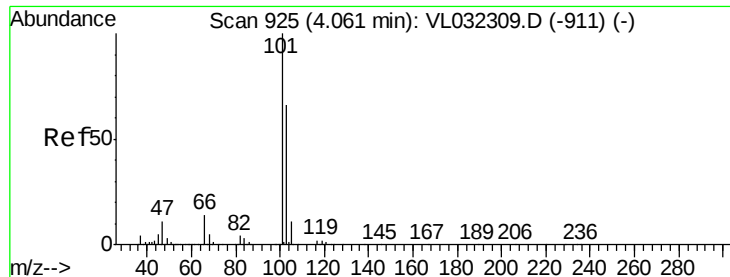
#10

Heptane

Concen: 0.89 ppbv
 RT: 8.33 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VL032319.D
 Acq: 27 Jul 2018 14:57

Tgt Ion	43	Resp	248349
Ion Ratio	100	Lower	Upper
57	50.1	39.0	58.4





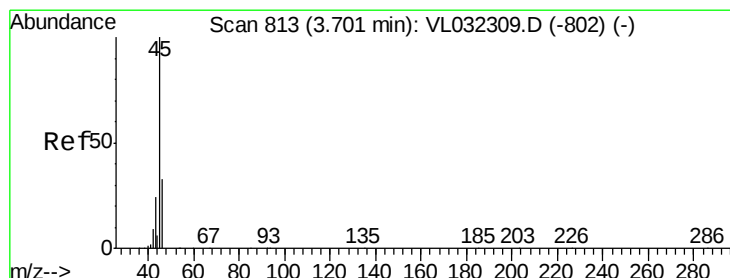
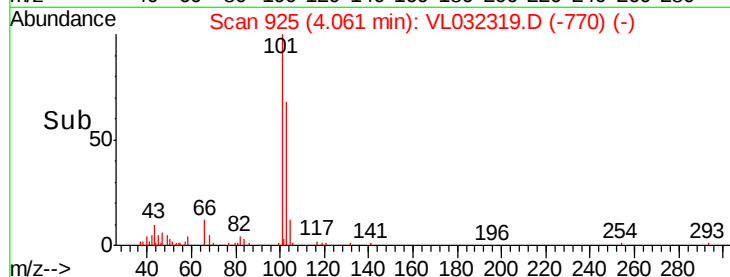
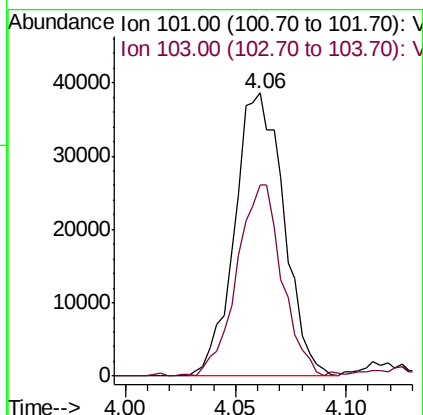
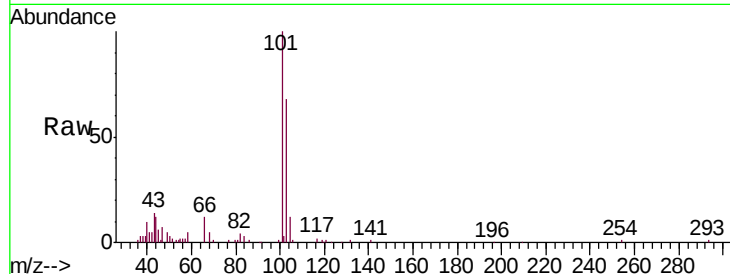
#11
Trichlorofluoromethane
Concen: 0.30 ppbv
RT: 4.06 min Scan# 925
Delta R.T. -0.00 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Instrument :
MSVOA_L
ClientSampleId :
SG-2

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	52.6	78.8

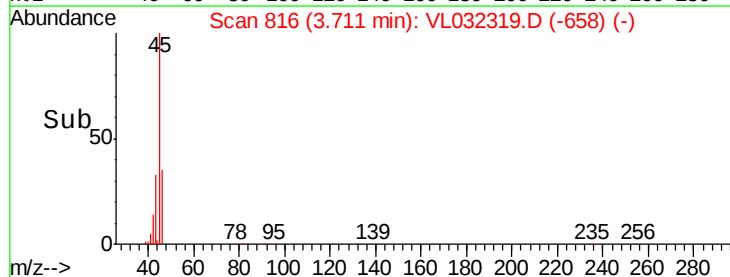
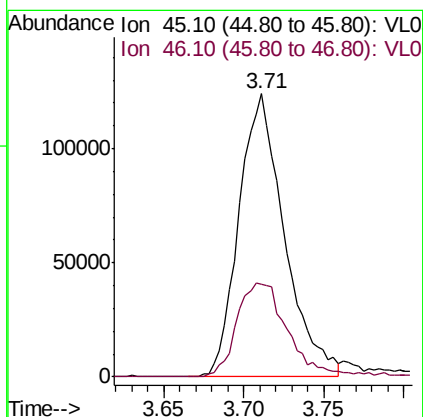
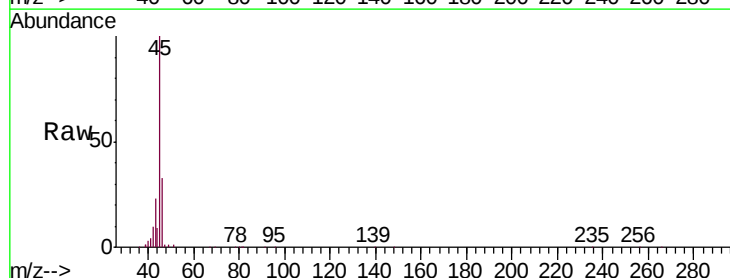
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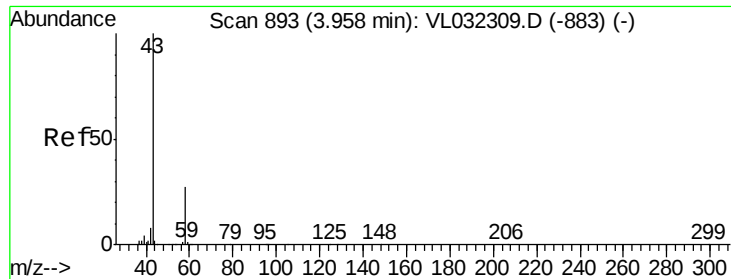
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#13
Ethanol
Concen: 10.62 ppbv
RT: 3.71 min Scan# 816
Delta R.T. 0.01 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Tgt Ion	Ratio	Lower	Upper
45	100		
46	37.9	15.2	60.6





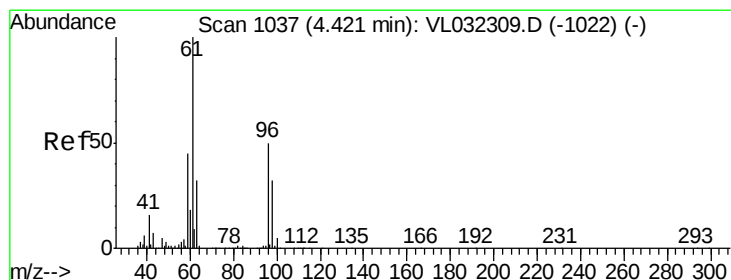
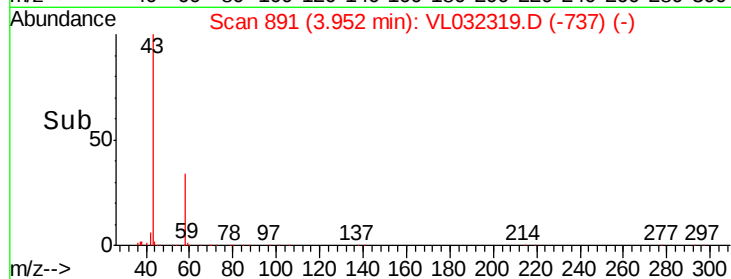
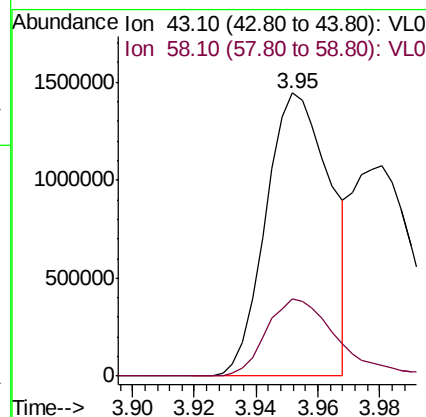
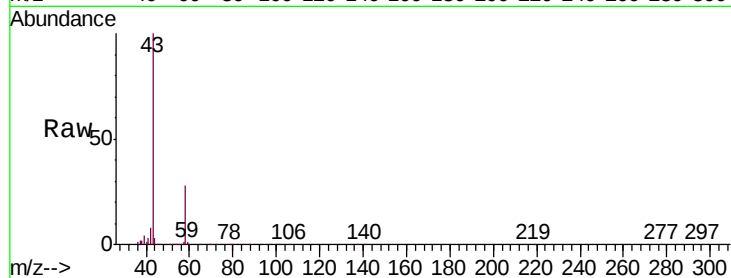
#15
Acetone
Concen: 12.60 ppbv
RT: 3.95 min Scan# 891
Delta R.T. -0.01 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Instrument :
MSVOA_L
ClientSampled :
SG-2

Tot Ion: 43 Resp: 2091284
Ion Ratio Lower Upper
43 100
58 30.3 22.5 33.7

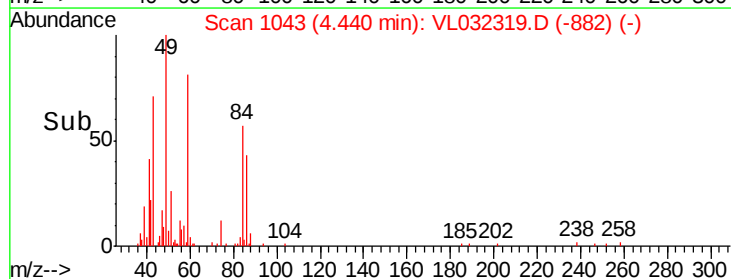
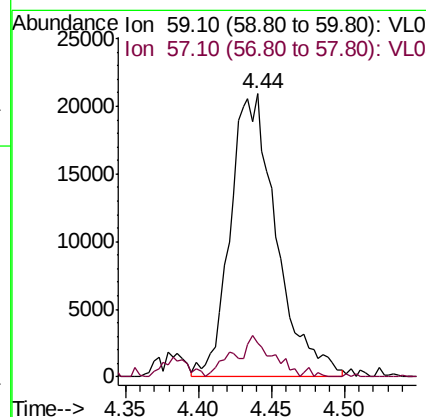
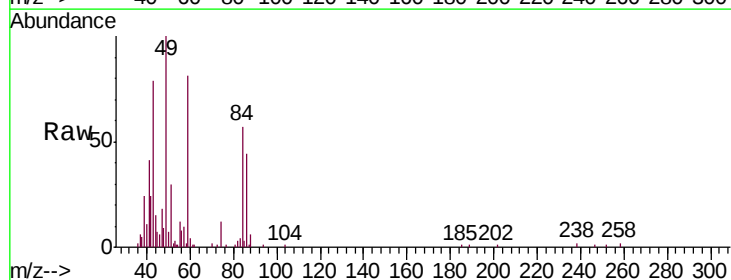
Manual Integrations
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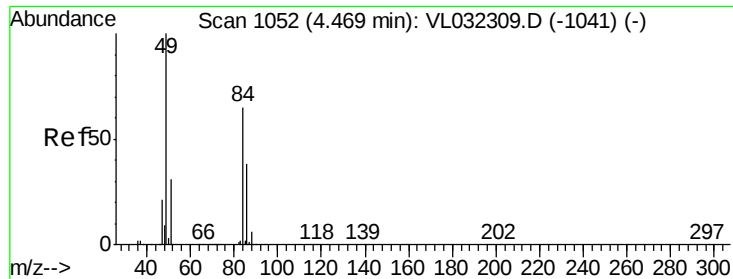
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#17
tert-Butyl alcohol
Concen: 0.87 ppbv m
RT: 4.44 min Scan# 1043
Delta R.T. 0.02 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Tgt Ion: 59 Resp: 45903
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#





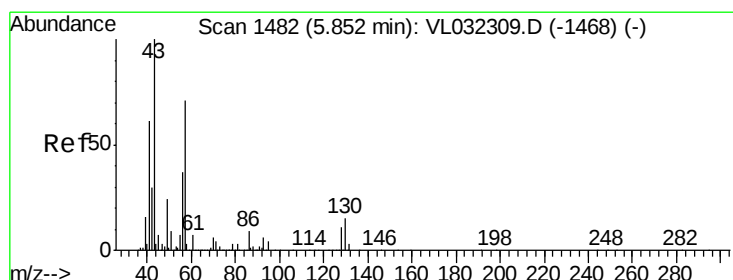
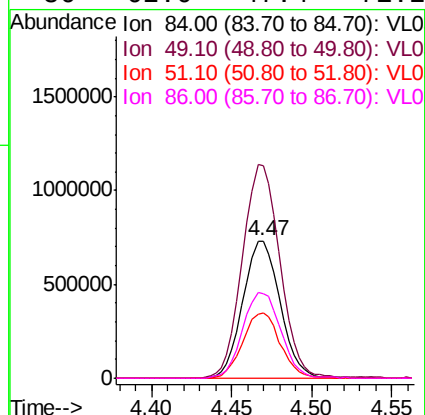
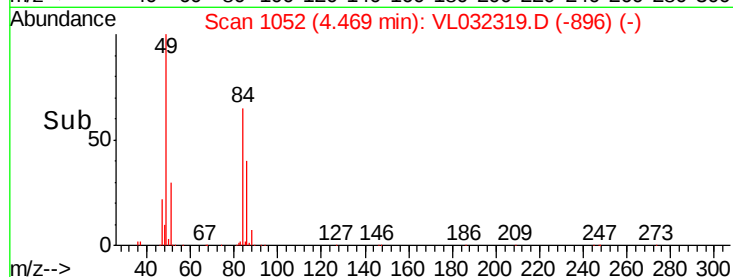
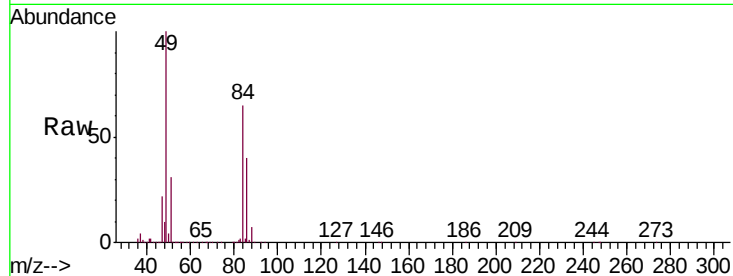
#20
Methvlene Chloride
Concen: 17.48 ppbv
RT: 4.47 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Instrument :
MSVOA_L
ClientSampleId :
SG-2

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	155.0	123.4	185.0	
51	47.3	38.2	57.2	
86	62.0	47.4	71.2	

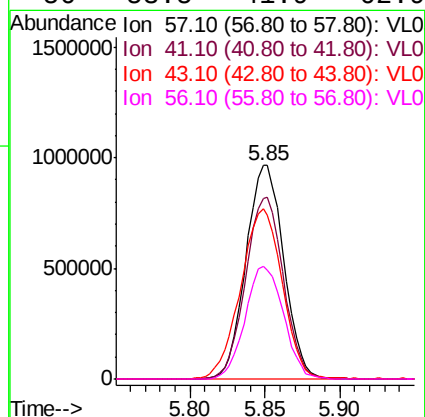
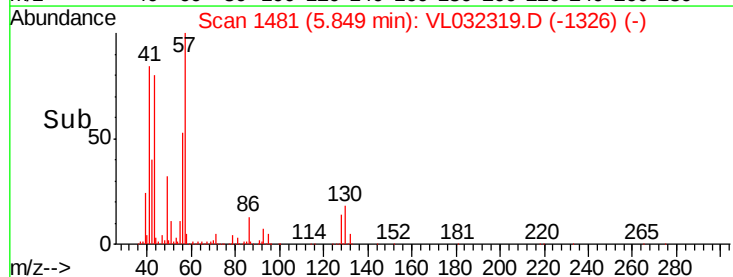
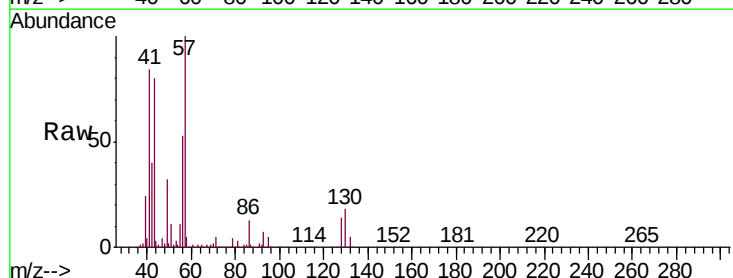
Manual Integrations
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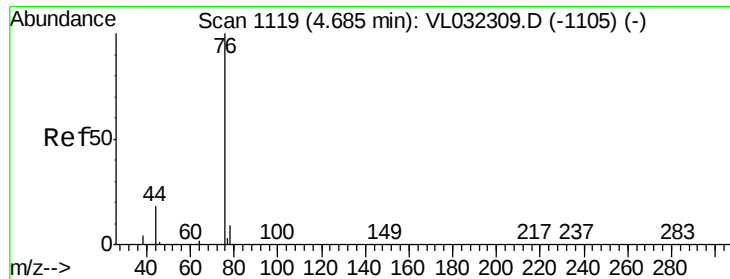
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7/30/2018 11:43:07 AM



#26
Hexane
Concen: 10.09 ppbv
RT: 5.85 min Scan# 1481
Delta R.T. -0.00 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	85.5	68.1	102.1	
43	87.5	177.4	266.2	
56	53.5	41.9	62.9	





#27

Carbon Disulfide

Concen: 0.51 ppbv

RT: 4.68 min Scan# 1119

Delta R.T. -0.00 min

Lab File: VL032319.D

Acq: 27 Jul 2018 14:57

Instrument :

MSVOA_L

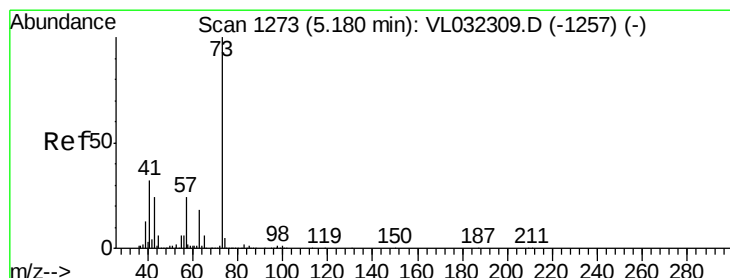
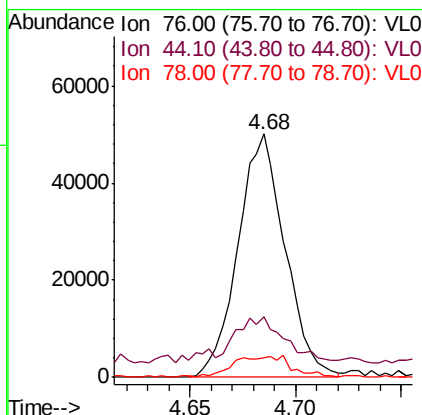
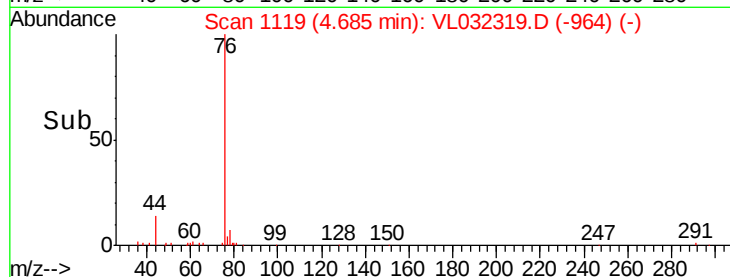
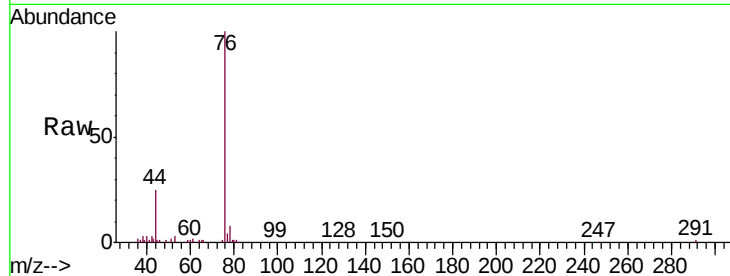
ClientSampleId :

SG-2

Tot Ion:	76	Resp:	77606
Ion	Ratio	Lower	Upper
76	100		
44	23.9	14.0	21.0#
78	11.3	7.5	11.3

Manual Integrations
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#28

Methyl tert-Butyl Ether

Concen: 0.91 ppbv

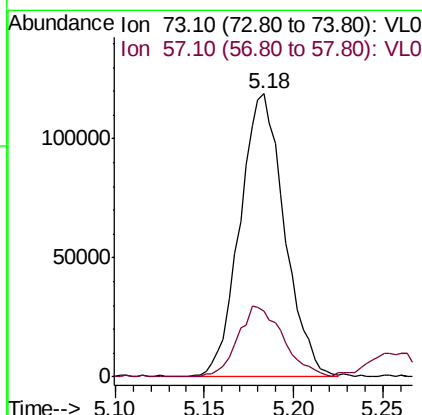
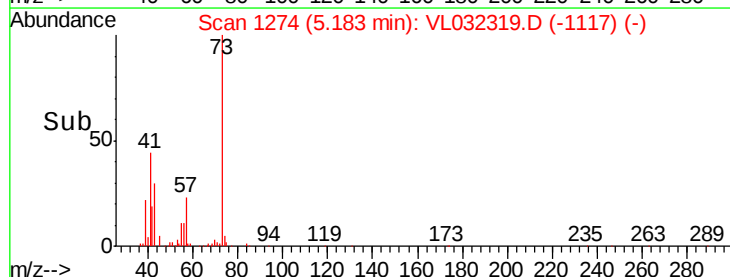
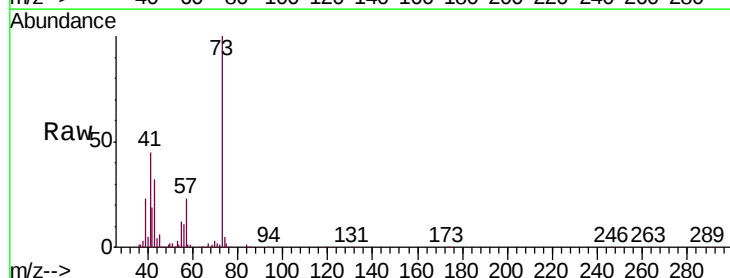
RT: 5.18 min Scan# 1274

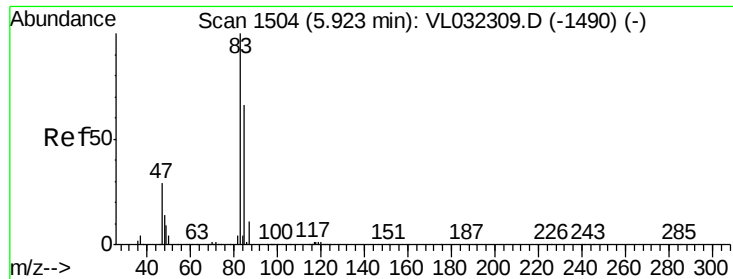
Delta R.T. 0.00 min

Lab File: VL032319.D

Acq: 27 Jul 2018 14:57

Tgt Ion:	73	Resp:	207297
Ion	Ratio	Lower	Upper
73	100		
57	25.2	19.4	29.0





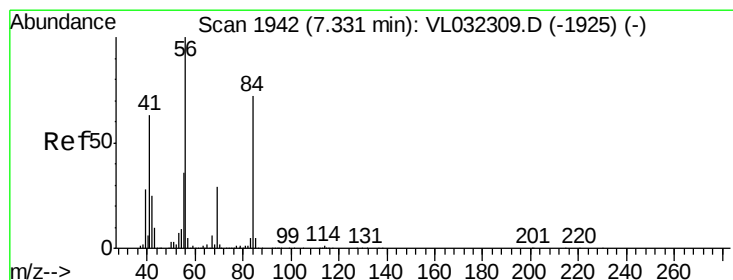
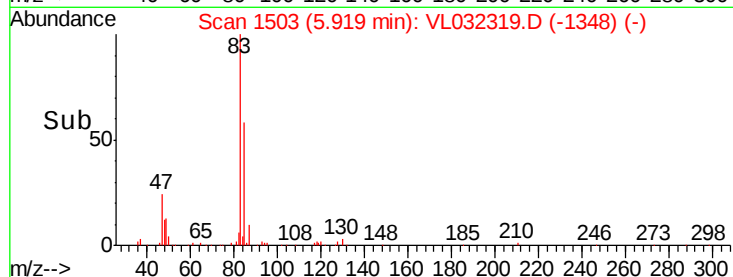
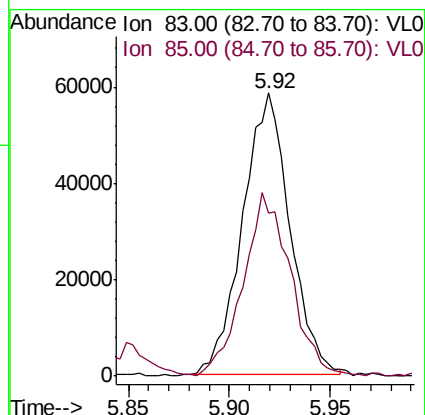
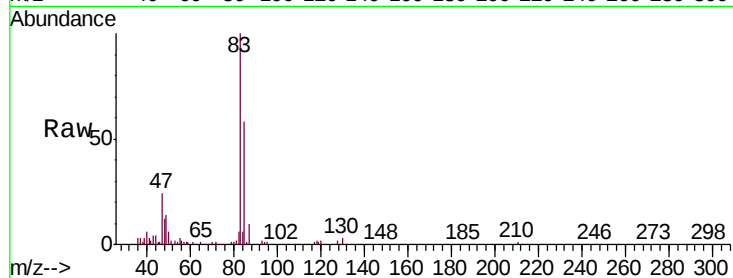
#29
Chloroform
Concen: 0.39 ppbv
RT: 5.92 min Scan# 1503
Delta R.T. -0.00 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Instrument :
MSVOA_L
ClientSampleId :
SG-2

Tot Ion	83	Resp	95638
Ion Ratio	Lower	Upper	
83	100		
85	57.4	52.9	79.3

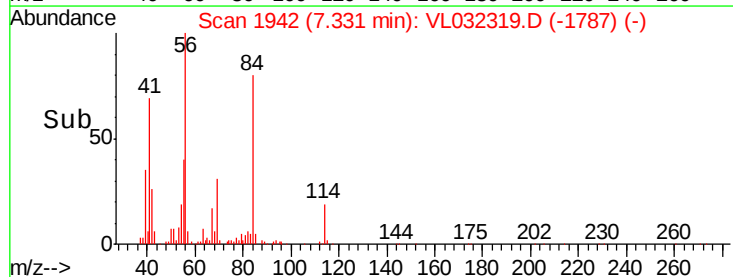
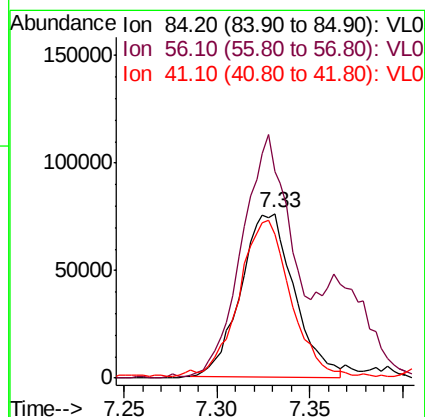
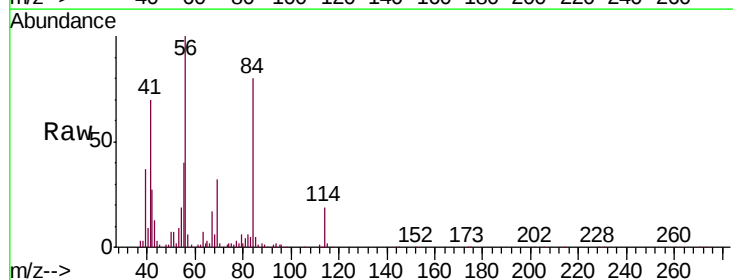
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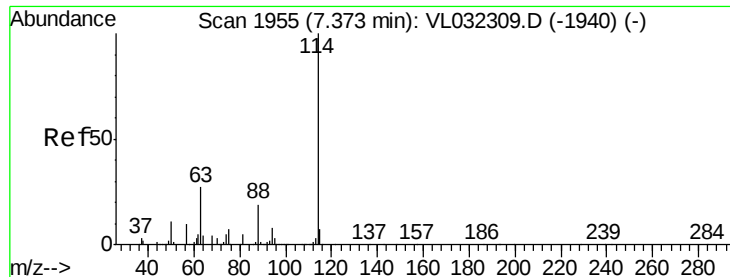
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#30
Cyclohexane
Concen: 1.16 ppbv
RT: 7.33 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Tgt Ion	84	Resp	152675
Ion Ratio	Lower	Upper	
84	100		
56	195.8	116.8	175.2#
41	91.7	70.0	105.0





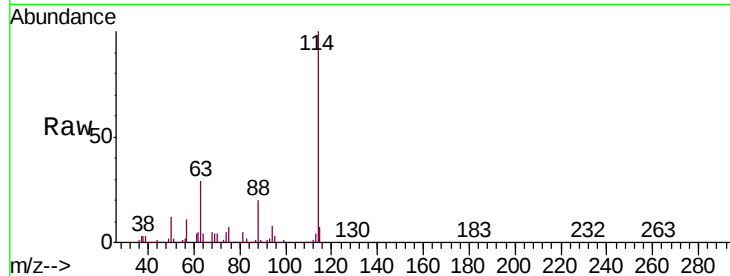
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.37 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: VL032319.D
 Acq: 27 Jul 2018 14:57

Instrument :
 MSVOA_L
 ClientSampled :
 SG-2

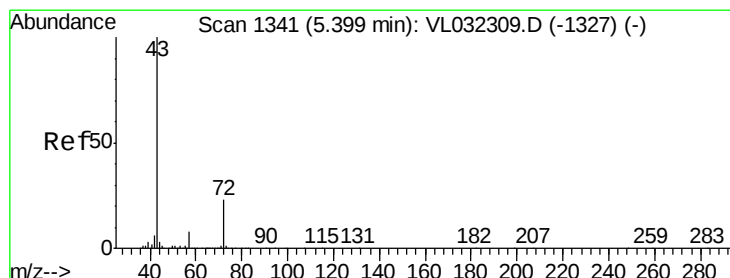
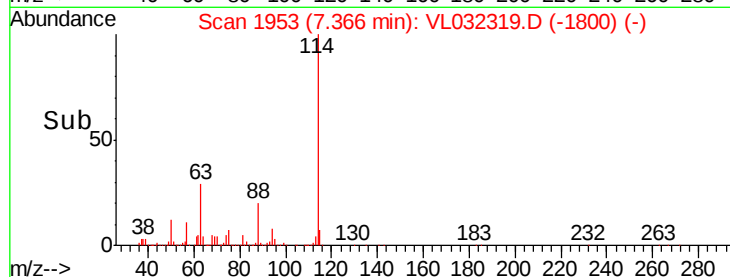
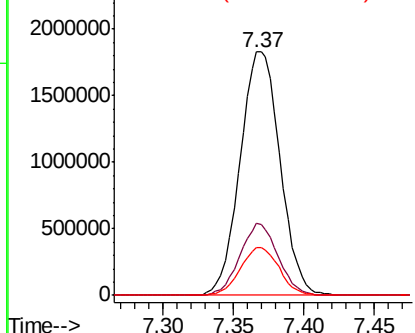
Tot Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.4	33.6
88	19.2	15.3	22.9

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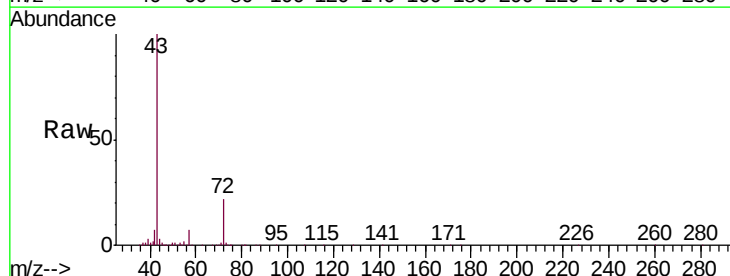


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

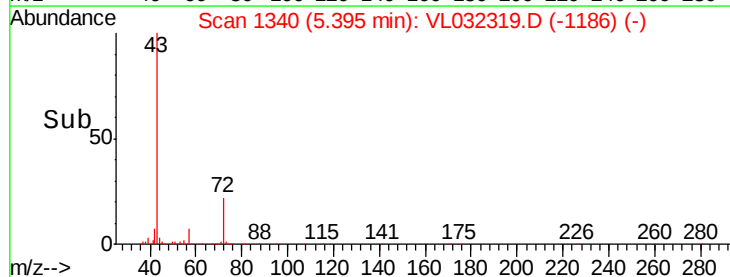
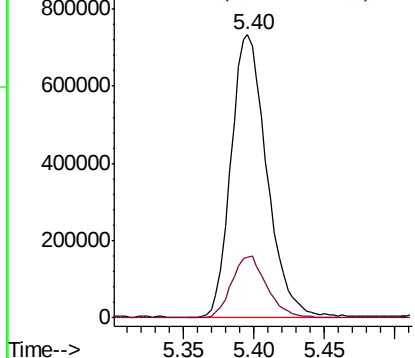


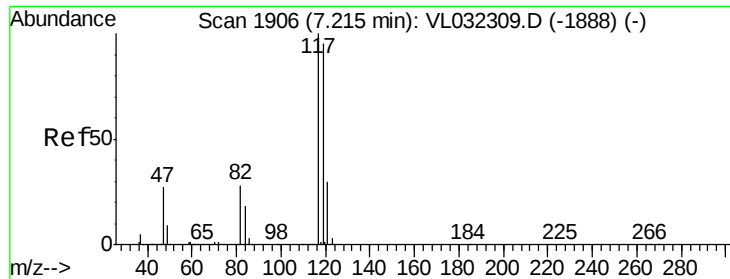
#34
 2-Butanone
 Concen: 5.53 ppbv
 RT: 5.40 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VL032319.D
 Acq: 27 Jul 2018 14:57

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.6	17.4	26.2



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





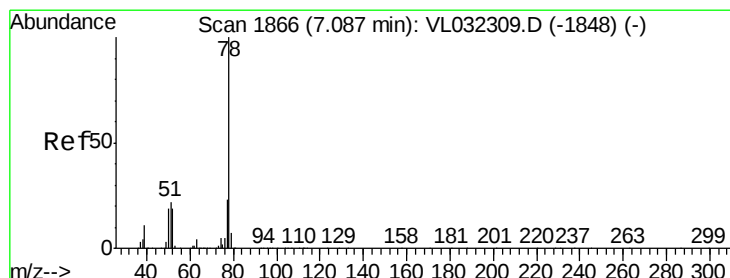
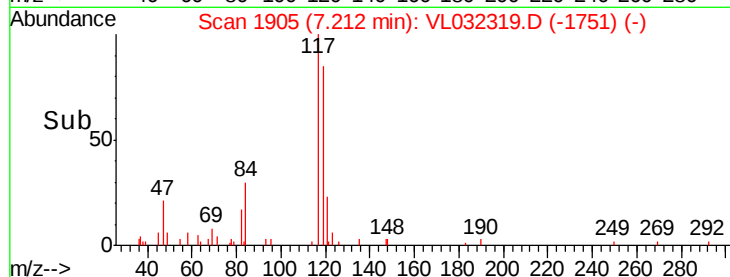
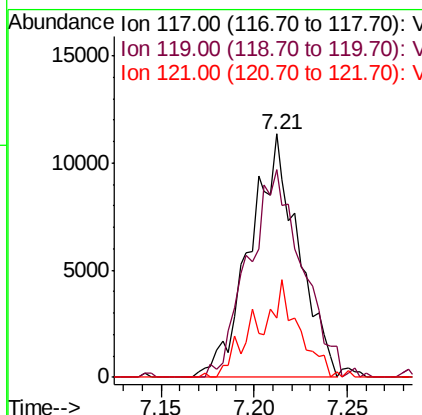
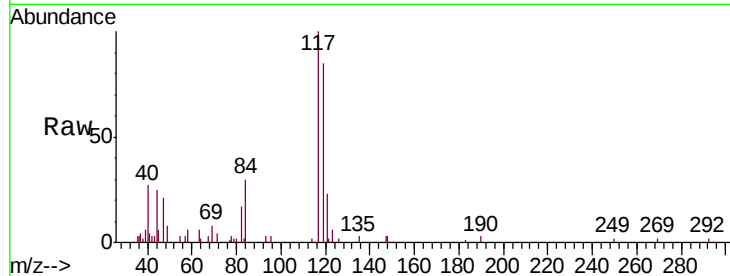
#35
Carbon Tetrachloride
Concen: 0.10 ppbv m
RT: 7.21 min Scan# 1905
Delta R.T. -0.00 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Instrument :
MSVOA_L
ClientSampleId :
SG-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100		20423		
119	85.4	76.1	114.1		
121	22.5	24.4	36.6#		

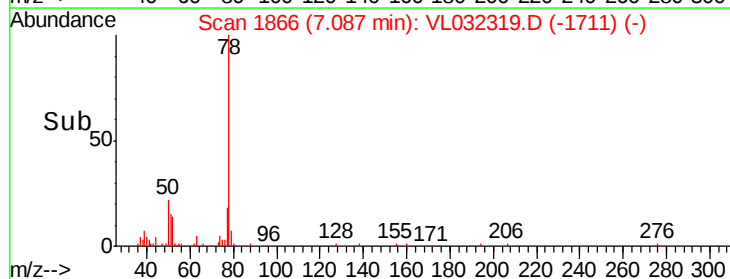
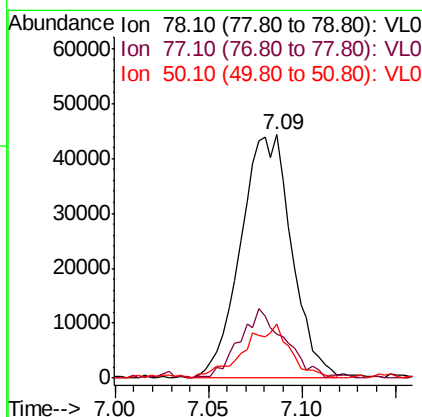
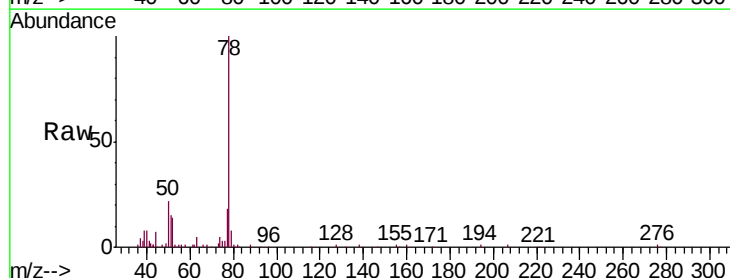
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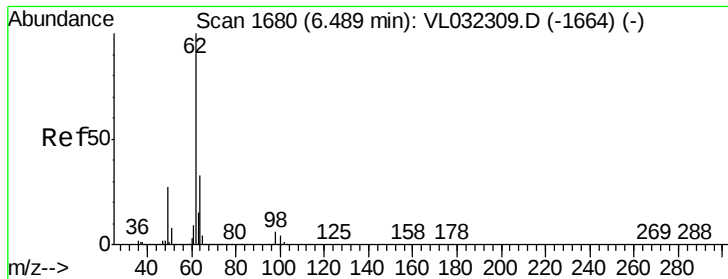
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#36
Benzene
Concen: 0.26 ppbv m
RT: 7.09 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
78	100		84376		
77	18.0	18.4	27.6#		
50	22.4	15.3	22.9		





#37

1,2-Dichloroethane

Concen: 0.21 ppbv m

RT: 6.49 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VL032319.D

Acq: 27 Jul 2018 14:57

Instrument :

MSVOA_L

ClientSampleId :

SG-2

Tot Ion: 62 Resp: 39348

Ion Ratio Lower Upper

62 100

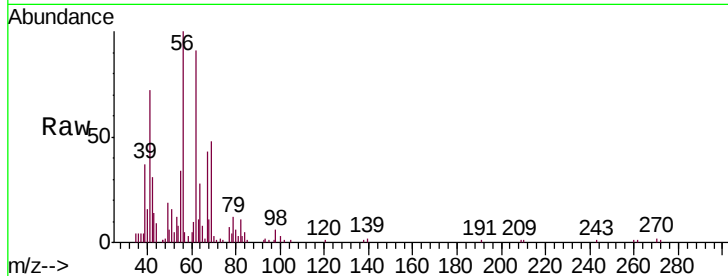
98 0.0 5.1 7.7#

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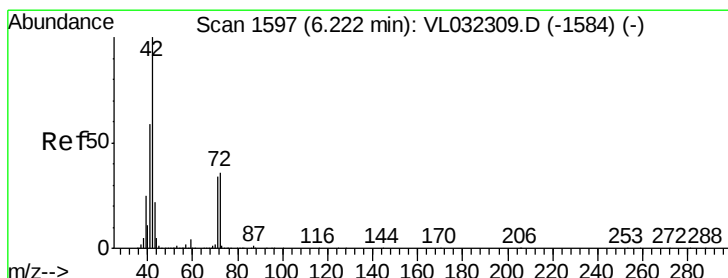
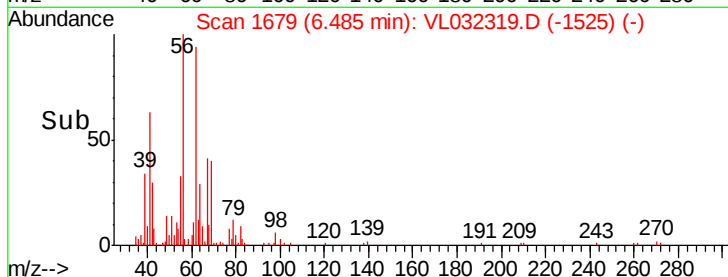
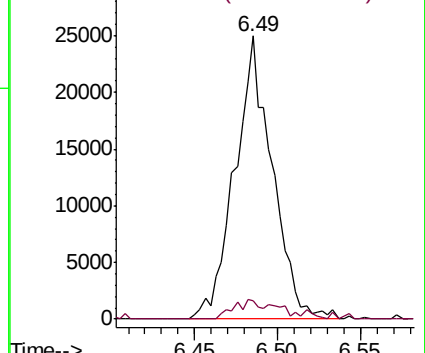
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#41

Tetrahydrofuran

Concen: 0.11 ppbv m

RT: 6.23 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VL032319.D

Acq: 27 Jul 2018 14:57

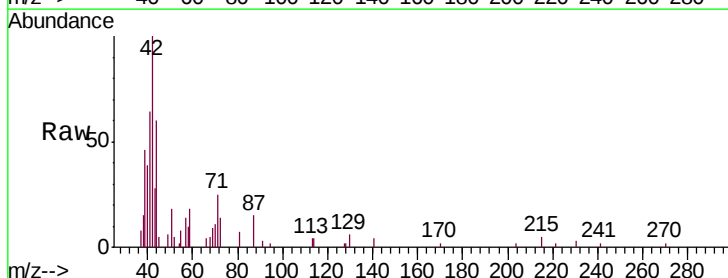
Tgt Ion: 42 Resp: 14154

Ion Ratio Lower Upper

42 100

72 0.0 28.6 42.8#

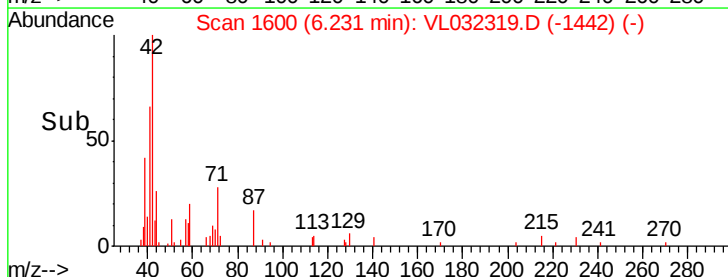
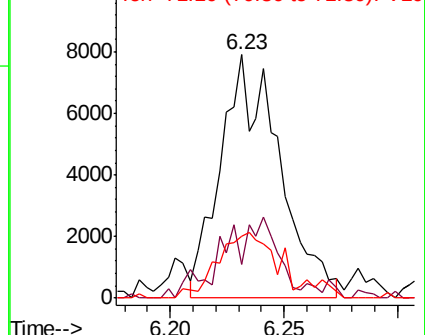
71 0.0 27.8 41.6#

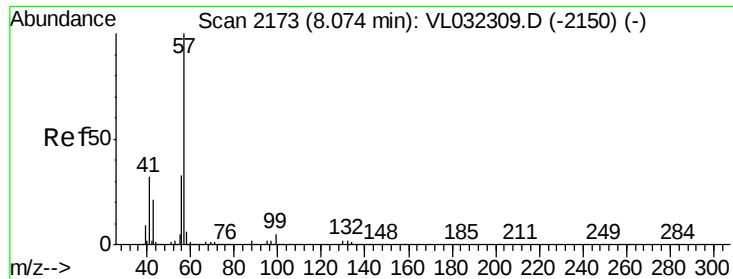


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





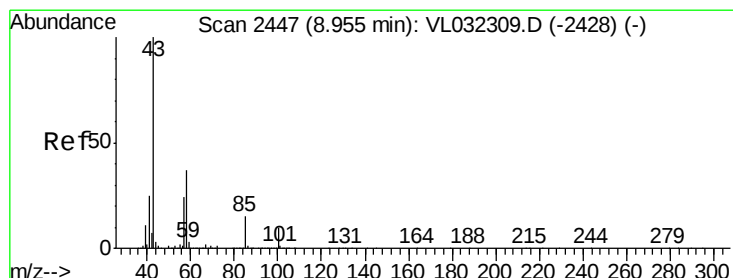
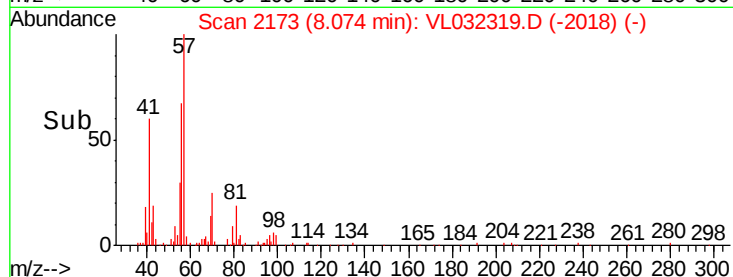
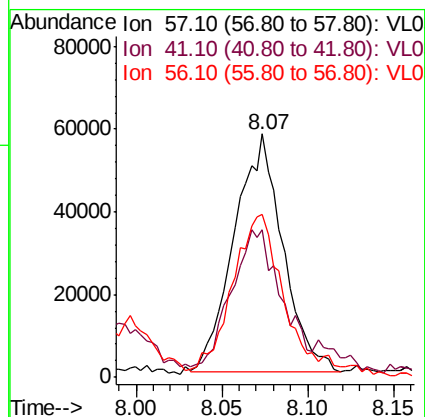
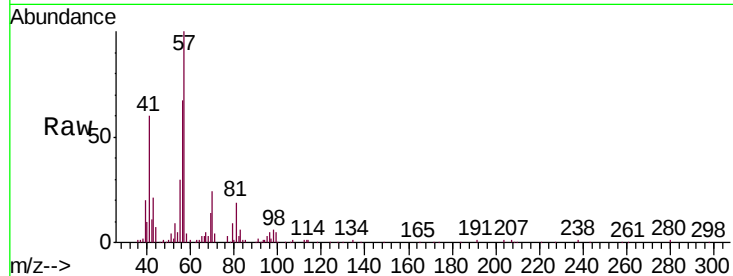
#44
 2,2,4-Trimethylpentane
 Concen: 0.16 ppbv
 RT: 8.07 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: VL032319.D
 Acq: 27 Jul 2018 14:57

Instrument :
 MSVOA_L
 ClientSampled :
 SG-2

Tot Ion	Ratio	Lower	Upper
57	100		
41	75.9	24.3	36.5#
56	77.8	25.4	38.2#

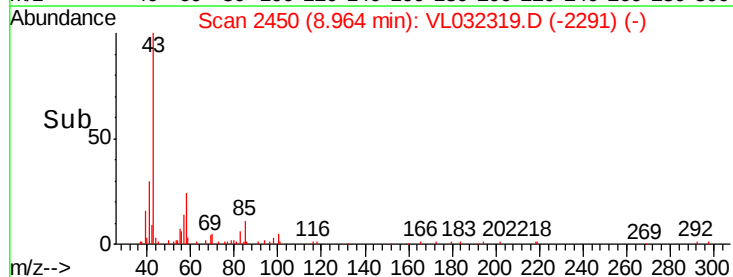
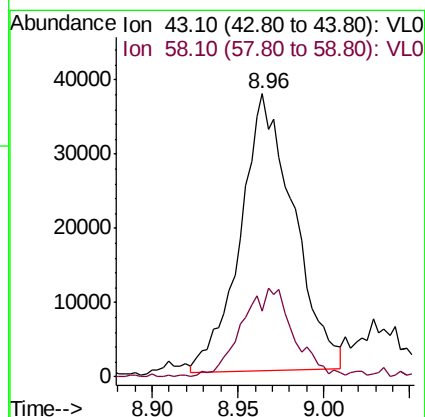
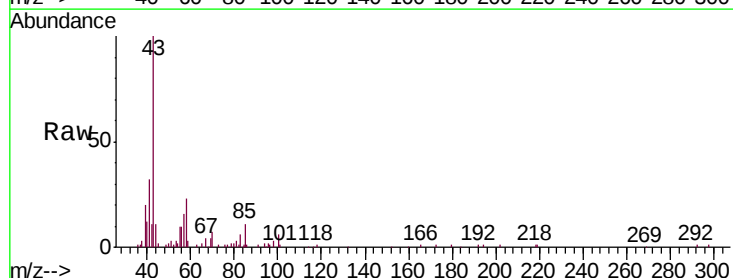
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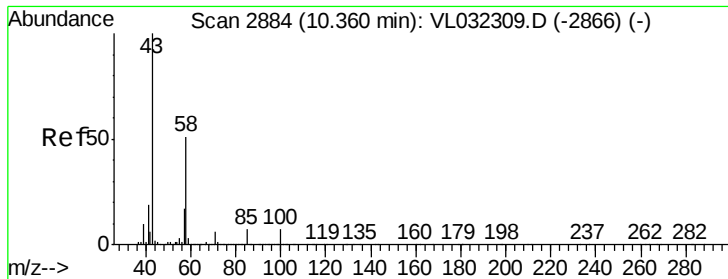
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#50
 4-Methyl-2-Pentanone
 Concen: 0.19 ppbv
 RT: 8.96 min Scan# 2450
 Delta R.T. 0.01 min
 Lab File: VL032319.D
 Acq: 27 Jul 2018 14:57

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.1	28.9	43.3





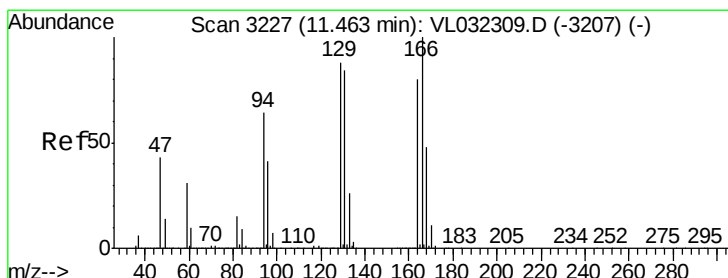
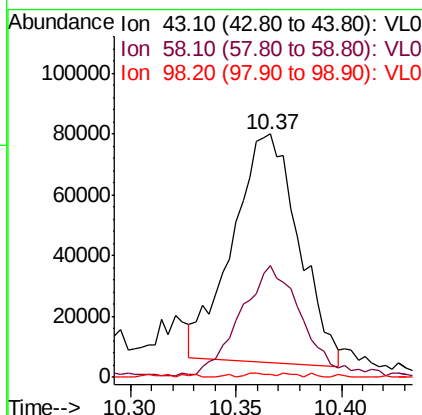
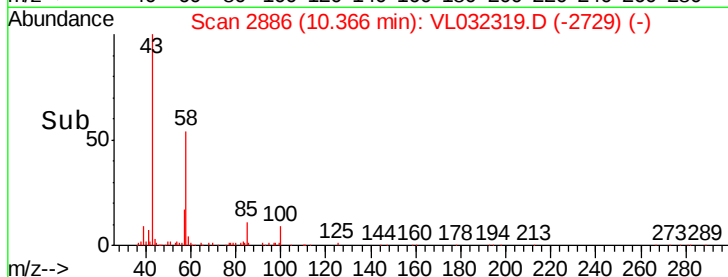
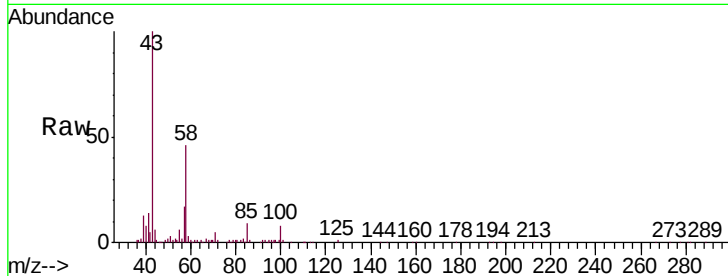
#51
2-Hexanone
Concen: 0.52 ppbv
RT: 10.37 min Scan# 2886
Delta R.T. 0.01 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Instrument :
MSVOA_L
ClientSampled :
SG-2

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.7	39.1	58.7
98	1.5	0.3	0.5#

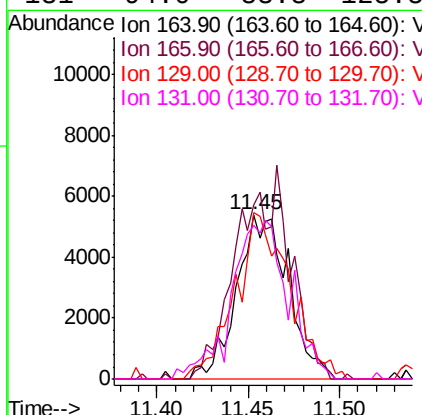
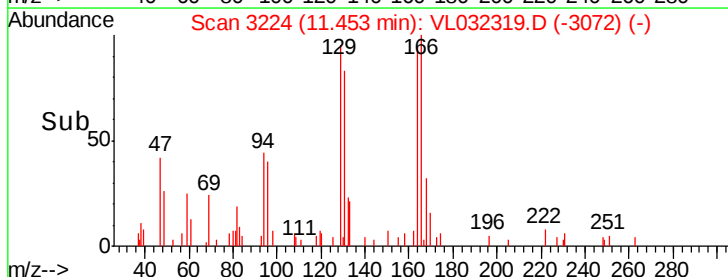
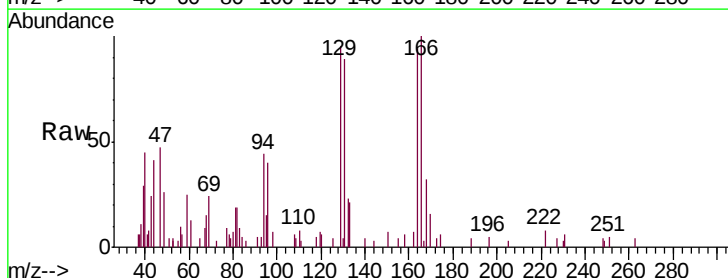
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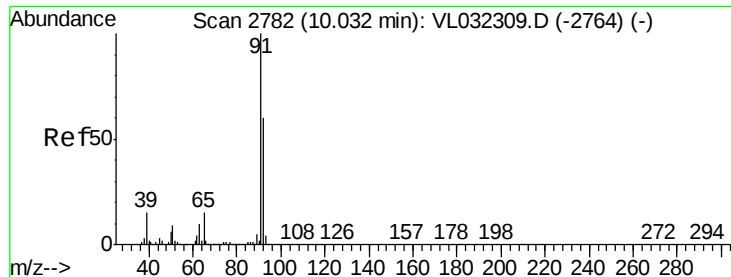
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#52
Tetrachloroethene
Concen: 0.10 ppbv m
RT: 11.45 min Scan# 3224
Delta R.T. -0.01 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	106.1	100.0	150.0
129	101.3	87.9	131.9
131	94.0	83.8	125.8





#53

Toluene

Concen: 3.81 ppbv

RT: 10.03 min Scan# 2781

Delta R.T. -0.00 min

Lab File: VL032319.D

Acq: 27 Jul 2018 14:57

Instrument :

MSVOA_L

ClientSampled :

SG-2

Tot Ion: 91 Resp: 1457650

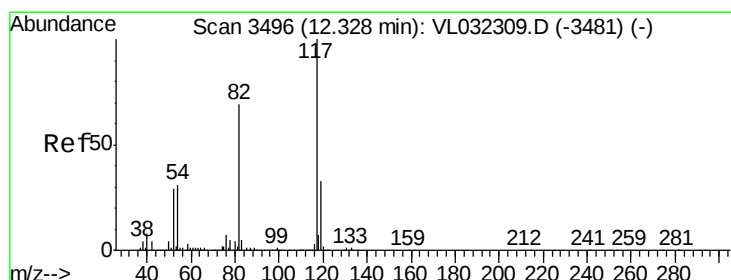
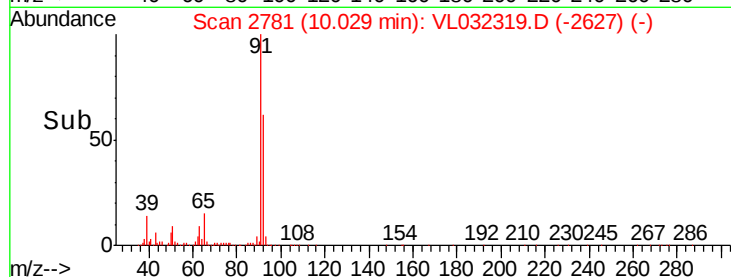
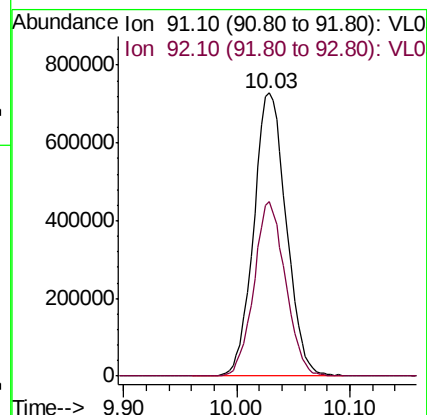
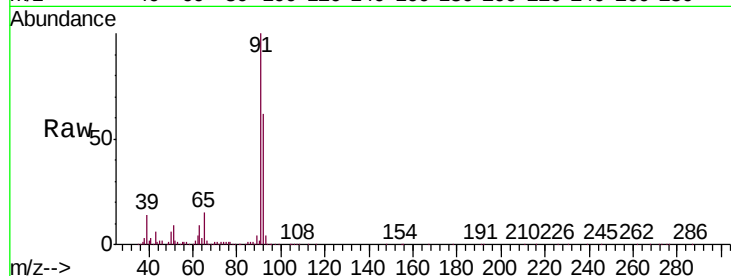
Ion Ratio Lower Upper

91 100

92 59.8 48.6 72.8

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#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.32 min Scan# 3495

Delta R.T. -0.00 min

Lab File: VL032319.D

Acq: 27 Jul 2018 14:57

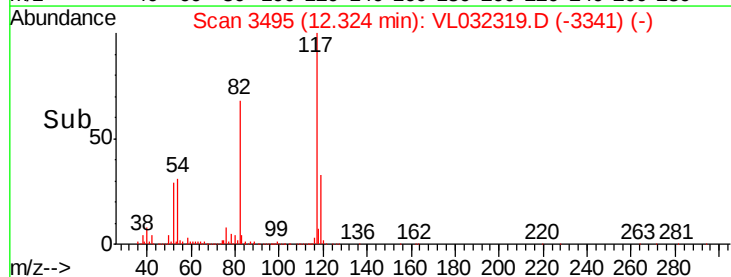
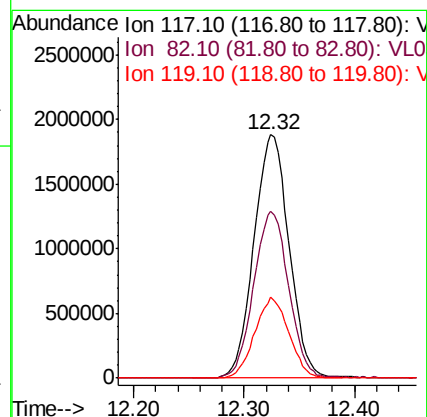
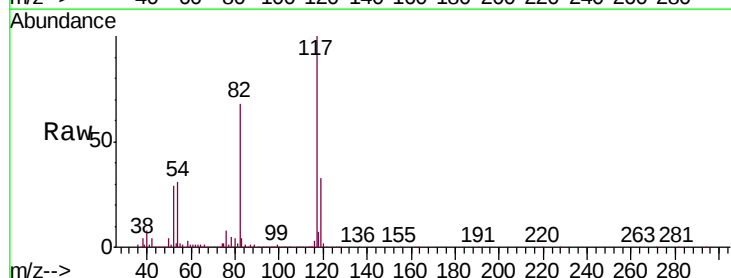
Tgt Ion: 117 Resp: 4148023

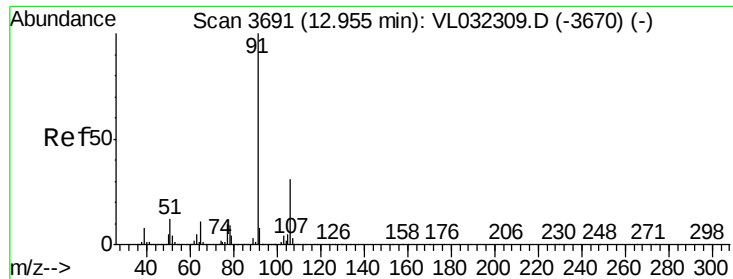
Ion Ratio Lower Upper

117 100

82 68.4 52.6 78.8

119 32.5 25.7 38.5





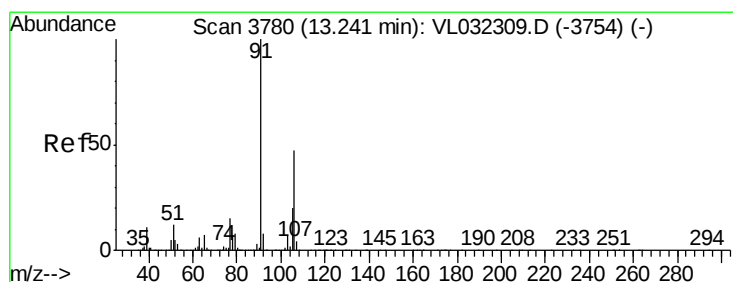
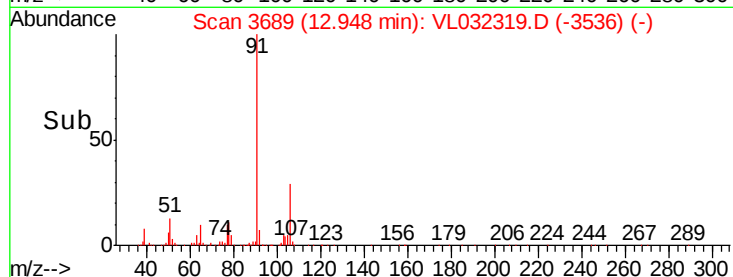
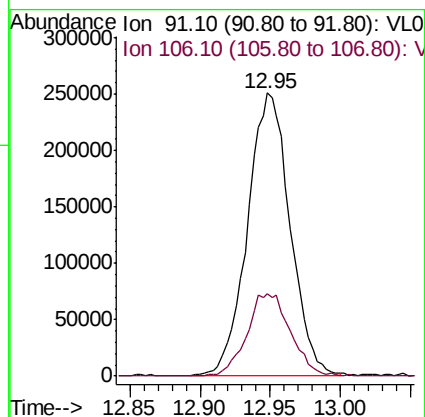
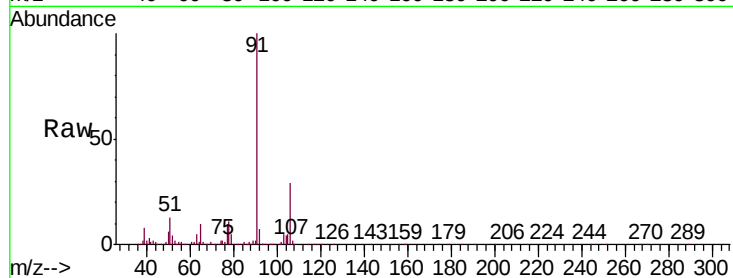
#58
Ethyl Benzene
Concen: 1.02 ppbv
RT: 12.95 min Scan# 3689
Delta R.T. -0.01 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Instrument :
MSVOA_L
ClientSampled :
SG-2

Tot Ion: 91 Resp: 528270
Ion Ratio Lower Upper
91 100
106 29.2 25.0 37.4

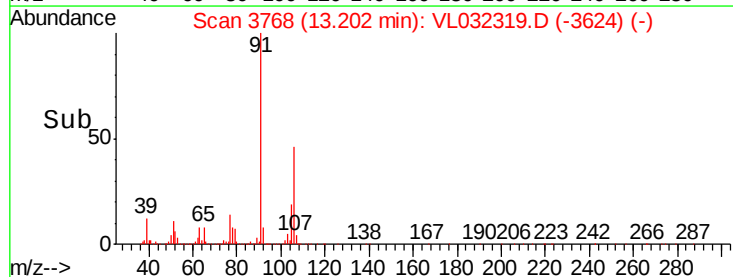
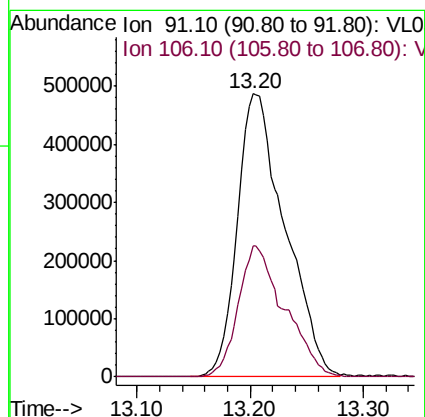
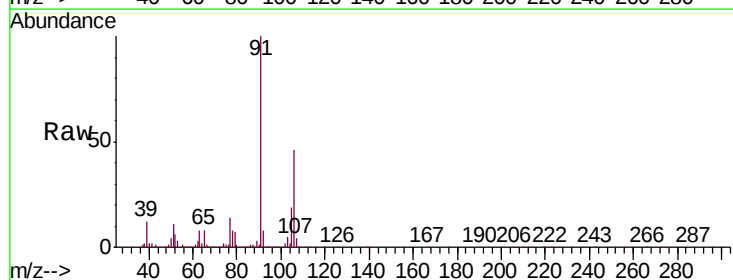
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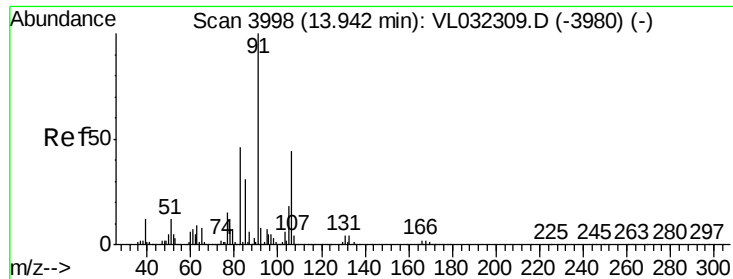
MMDadoda
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#59
m/p-Xylene
Concen: 3.21 ppbv
RT: 13.20 min Scan# 3768
Delta R.T. -0.04 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Tgt Ion: 91 Resp: 1421168
Ion Ratio Lower Upper
91 100
106 45.0 36.4 54.6





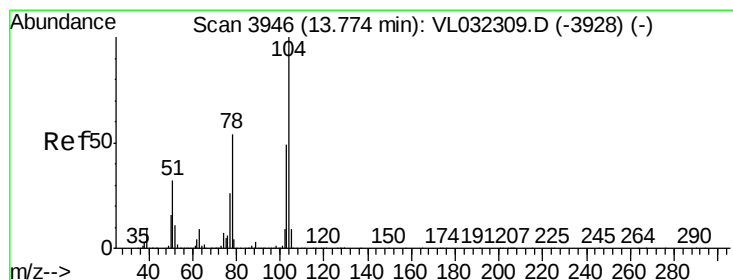
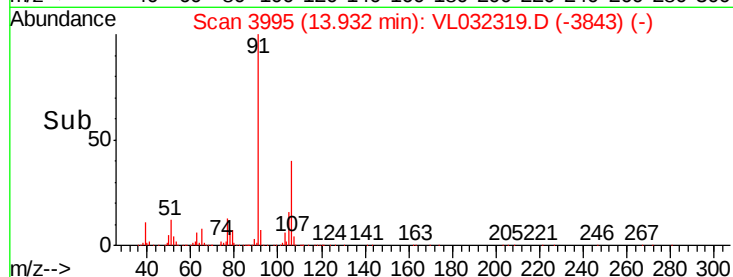
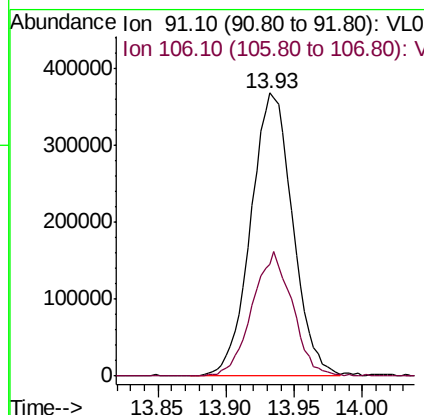
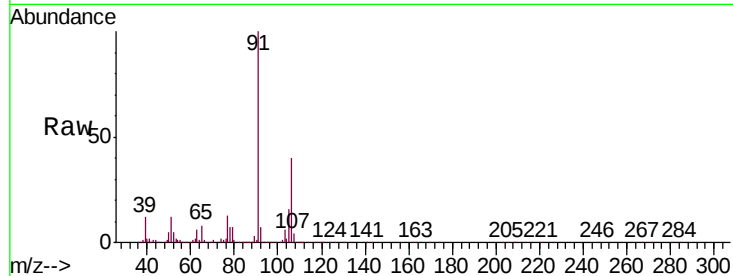
#60
o-Xylene
Concen: 1.80 ppbv
RT: 13.93 min Scan# 3995
Delta R.T. -0.01 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Instrument :
MSVOA_L
Client Sampled :
SG-2

Tot Ion: 91 Resp: 780355
Ion Ratio Lower Upper
91 100
106 42.9 22.4 67.0

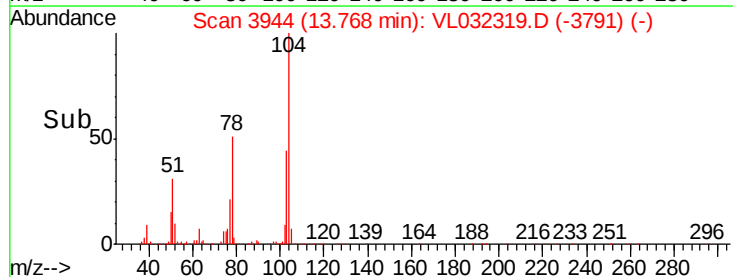
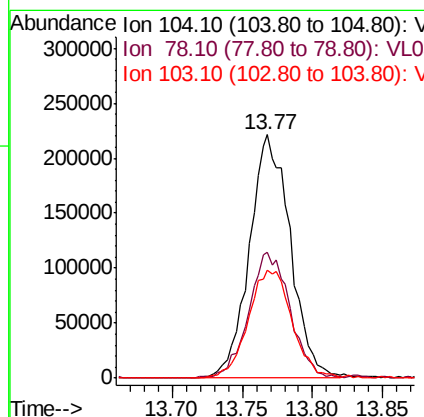
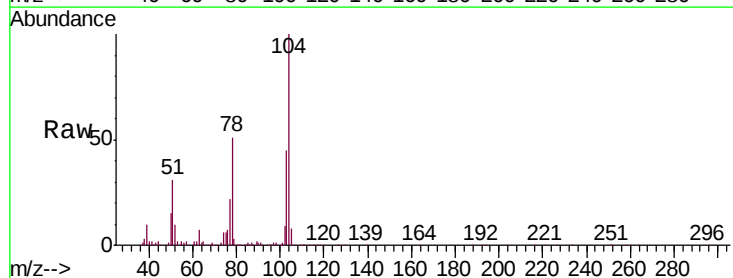
Manual Integrations
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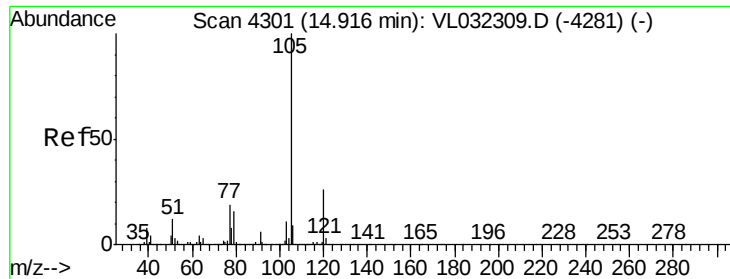
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#61
Styrene
Concen: 1.40 ppbv
RT: 13.77 min Scan# 3944
Delta R.T. -0.01 min
Lab File: VL032319.D
Acq: 27 Jul 2018 14:57

Tgt Ion: 104 Resp: 447463
Ion Ratio Lower Upper
104 100
78 52.7 42.6 63.8
103 47.6 38.0 57.0





#62

Isopropylbenzene

Concen: 0.19 ppbv

RT: 14.91 min Scan# 4299

Delta R.T. -0.01 min

Lab File: VL032319.D

Acq: 27 Jul 2018 14:57

Instrument :

MSVOA_L

ClientSampled :

SG-2

Tot Ion: 105 Resp: 115013

Ion Ratio Lower Upper

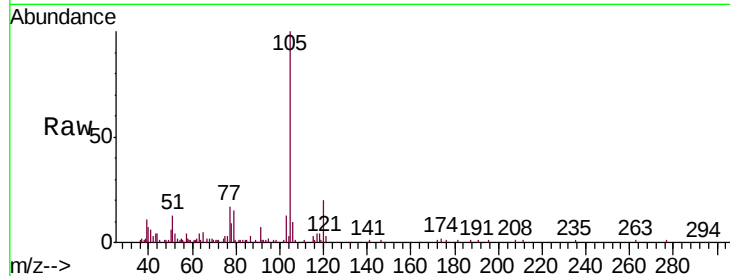
105 100

120 27.5 20.4 30.6

Manual Integrations
APPROVED

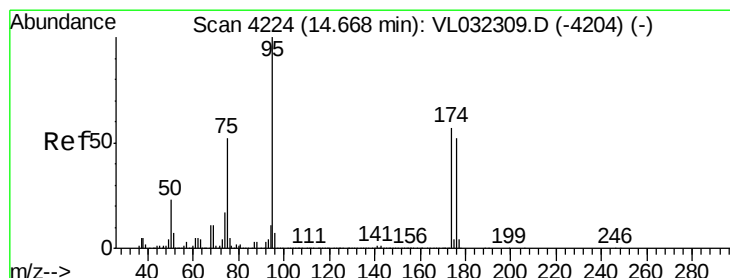
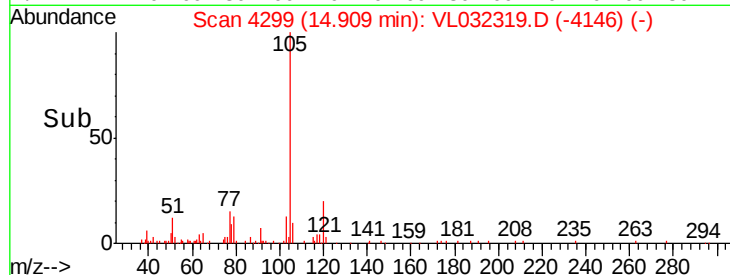
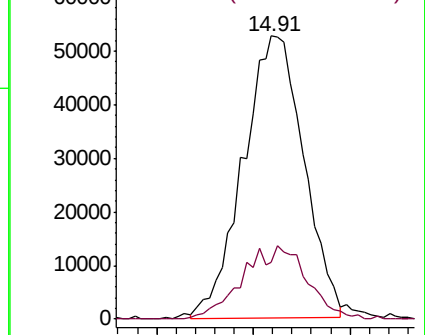
MMDadoda

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.57 ppbv

RT: 14.66 min Scan# 4222

Delta R.T. -0.01 min

Lab File: VL032319.D

Acq: 27 Jul 2018 14:57

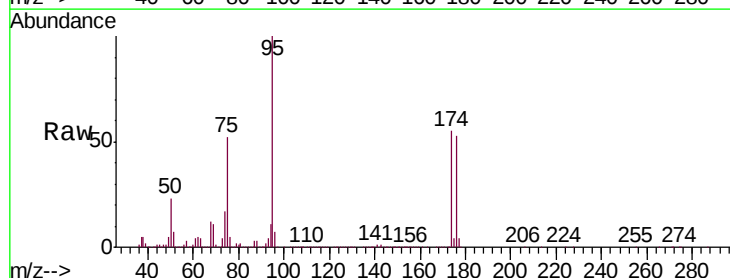
Tgt Ion: 95 Resp: 3081169

Ion Ratio Lower Upper

95 100

174 55.9 45.5 68.3

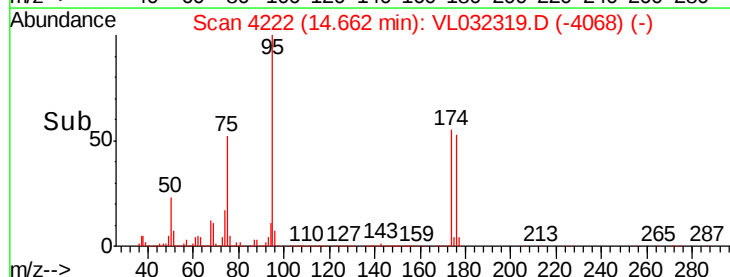
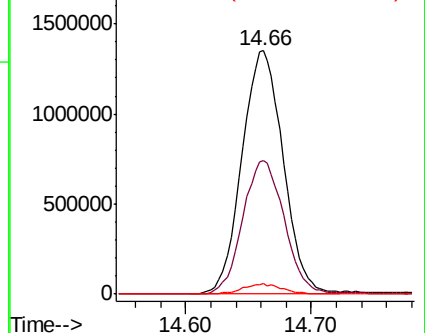
175 3.9 3.3 4.9

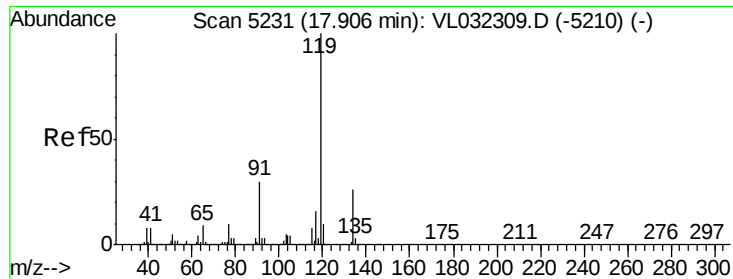


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





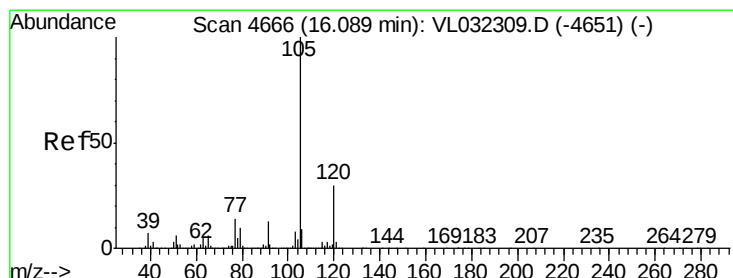
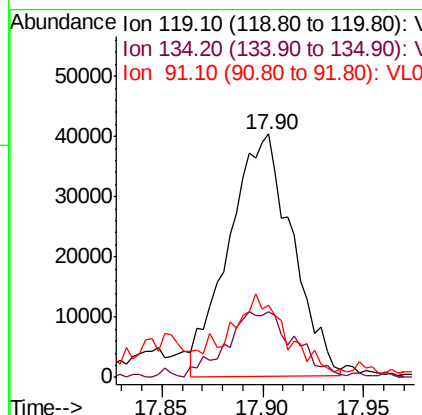
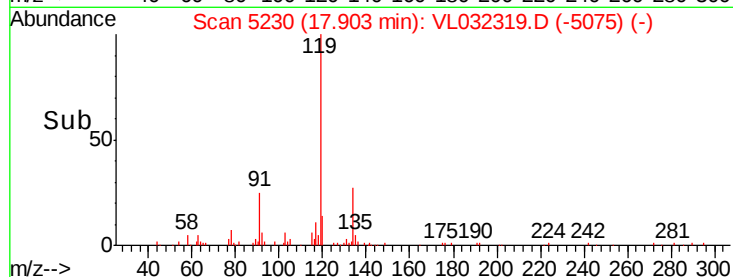
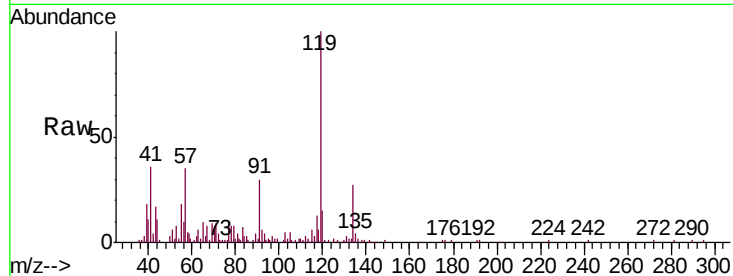
#69
 p-Isopropyltoluene
 Concen: 0.15 ppbv
 RT: 17.90 min Scan# 5230
 Delta R.T. -0.00 min
 Lab File: VL032319.D
 Acq: 27 Jul 2018 14:57

Instrument :
 MSVOA_L
 ClientSampled :
 SG-2

Tot Ion:	119	Resp:	88126
Ion Ratio	Lower	Upper	
119	100		
134	30.2	20.3	30.5
91	34.5	23.8	35.6

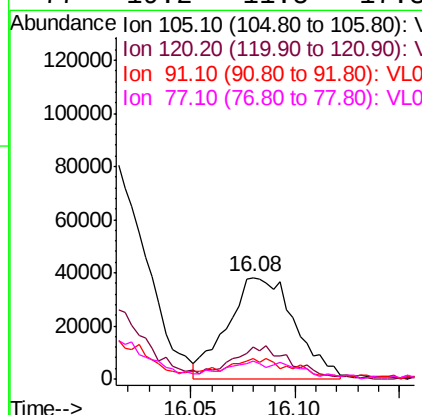
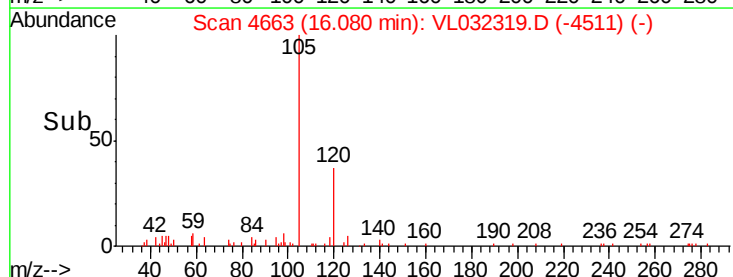
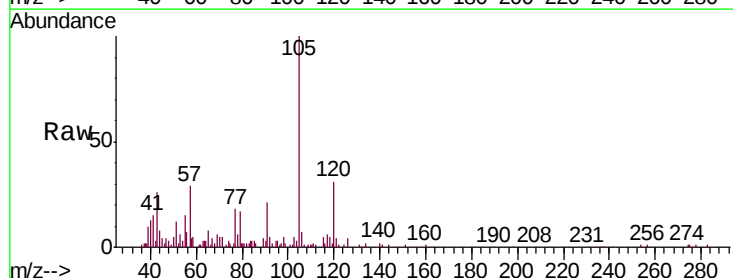
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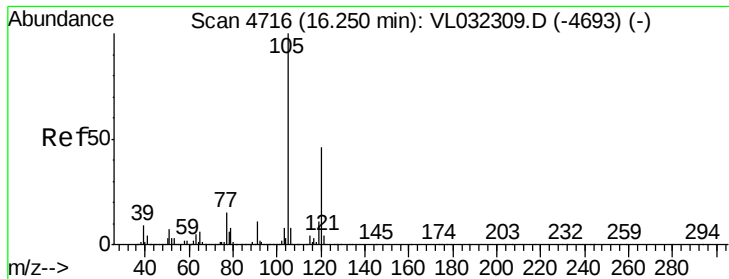
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#72
 4-Ethyltoluene
 Concen: 0.18 ppbv m
 RT: 16.08 min Scan# 4663
 Delta R.T. -0.01 min
 Lab File: VL032319.D
 Acq: 27 Jul 2018 14:57

Tgt Ion:	105	Resp:	85569
Ion Ratio	Lower	Upper	
105	100		
120	0.0	23.1	34.7#
91	18.0	10.0	15.0#
77	19.2	11.5	17.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.19 ppbv

RT: 16.24 min Scan# 4712

Delta R.T. -0.01 min

Lab File: VL032319.D

Acq: 27 Jul 2018 14:57

Instrument :

MSVOA_L

ClientSampled :

SG-2

Tot Ion:105 Resp: 90040

Ion Ratio Lower Upper

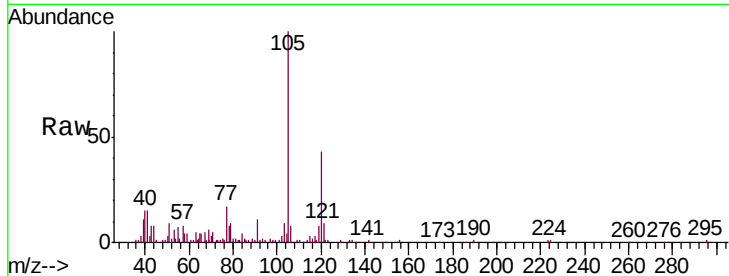
105 100

120 42.6 36.5 54.7

Manual Integrations
APPROVED

MMDadoda

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.24

40000

30000

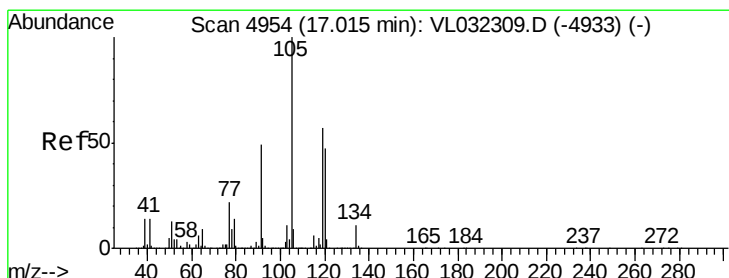
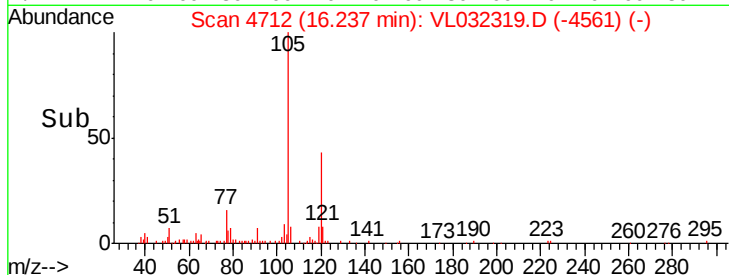
20000

10000

0

16.20 16.25 16.30

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 0.54 ppbv m

RT: 17.01 min Scan# 4953

Delta R.T. -0.00 min

Lab File: VL032319.D

Acq: 27 Jul 2018 14:57

Tgt Ion:105 Resp: 274758

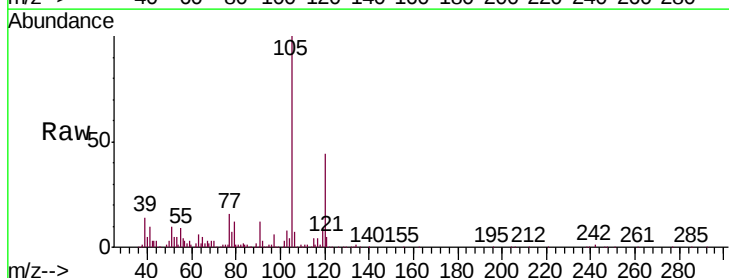
Ion Ratio Lower Upper

105 100

120 43.8 37.8 56.6

91 11.8 39.4 59.0#

77 16.2 17.6 26.4#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

17.01

150000

100000

50000

0

16.95 17.00 17.05

Time-->

