

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071218\
 Data File : VL032243.D
 Acq On : 13 Jul 2018 8:57
 Operator : SY/AP
 Sample : J3753-03DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 5:22:26 PM

Quant Time: Jul 13 09:46:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 2018
 QLast Update : Fri Jul 13 04:25:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1569428	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	3500200	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4108286	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3070456	9.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	35609	0.16	ppbv	92
3) Chlorodifluoromethane	3.06	51	80100m	0.42	ppbv	
4) Chloromethane	3.22	50	38364	0.35	ppbv	98
7) Chloroethane	3.66	64	50525	1.36	ppbv	95
9) Propene	3.09	41	189675	2.31	ppbv	95
10) Heptane	8.34	43	266801	1.14	ppbv	98
11) Trichlorofluoromethane	4.07	101	77815	0.36	ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.62	101	864251	6.26	ppbv	100
13) Ethanol	3.74	45	11410174	480.82	ppbv	98
15) Acetone	3.96	43	7836808	43.03	ppbv	99
17) tert-Butyl alcohol	4.46	59	1246272	14.66	ppbv	100
18) 1,1-Dichloroethene	4.42	96	201027	3.13	ppbv	96
19) Isopropyl Alcohol	4.13	45	7338711	61.37	ppbv #	26
20) Methylene Chloride	4.48	84	394479	6.39	ppbv	96
22) trans-1,2-Dichloroethene	5.04	96	59518	0.97	ppbv	89
24) 1,1-Dichloroethane	5.17	63	3146028	14.79	ppbv	99
26) Hexane	5.86	57	545415	3.32	ppbv #	61
30) Cyclohexane	7.33	84	95132	0.66	ppbv	92
31) cis-1,2-Dichloroethene	5.73	61	30060	0.18	ppbv	98
32) 1,1,1-Trichloroethane	6.71	97	17141328	69.60	ppbv	94
34) 2-Butanone	5.41	43	1667188	6.99	ppbv	100
36) Benzene	7.09	78	189274	0.54	ppbv	96
41) Tetrahydrofuran	6.24	42	94139	0.71	ppbv	94
44) 2,2,4-Trimethylpentane	8.08	57	1687893	2.82	ppbv	96
50) 4-Methyl-2-Pentanone	8.96	43	263603	0.64	ppbv	95
53) Toluene	10.04	91	2294049	5.58	ppbv	99
58) Ethyl Benzene	12.96	91	680745	1.14	ppbv	97
59) m/p-Xylene	13.21	91	1988844	4.04	ppbv	98
60) o-Xylene	13.94	91	816851	1.68	ppbv	99
61) Styrene	13.78	104	53629	0.15	ppbv	98
64) n-propylbenzene	15.82	120	44811m	0.26	ppbv	
69) p-Isopropyltoluene	17.91	119	1612877	2.48	ppbv	100
72) 4-Ethyltoluene	16.09	105	258440	0.47	ppbv	98
73) 1,3,5-Trimethylbenzene	16.25	105	211313	0.42	ppbv	99
74) 1,2,4-Trimethylbenzene	17.02	105	866073	1.67	ppbv #	70
79) Naphthalene	22.53	128	70205m	0.20	ppbv	

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

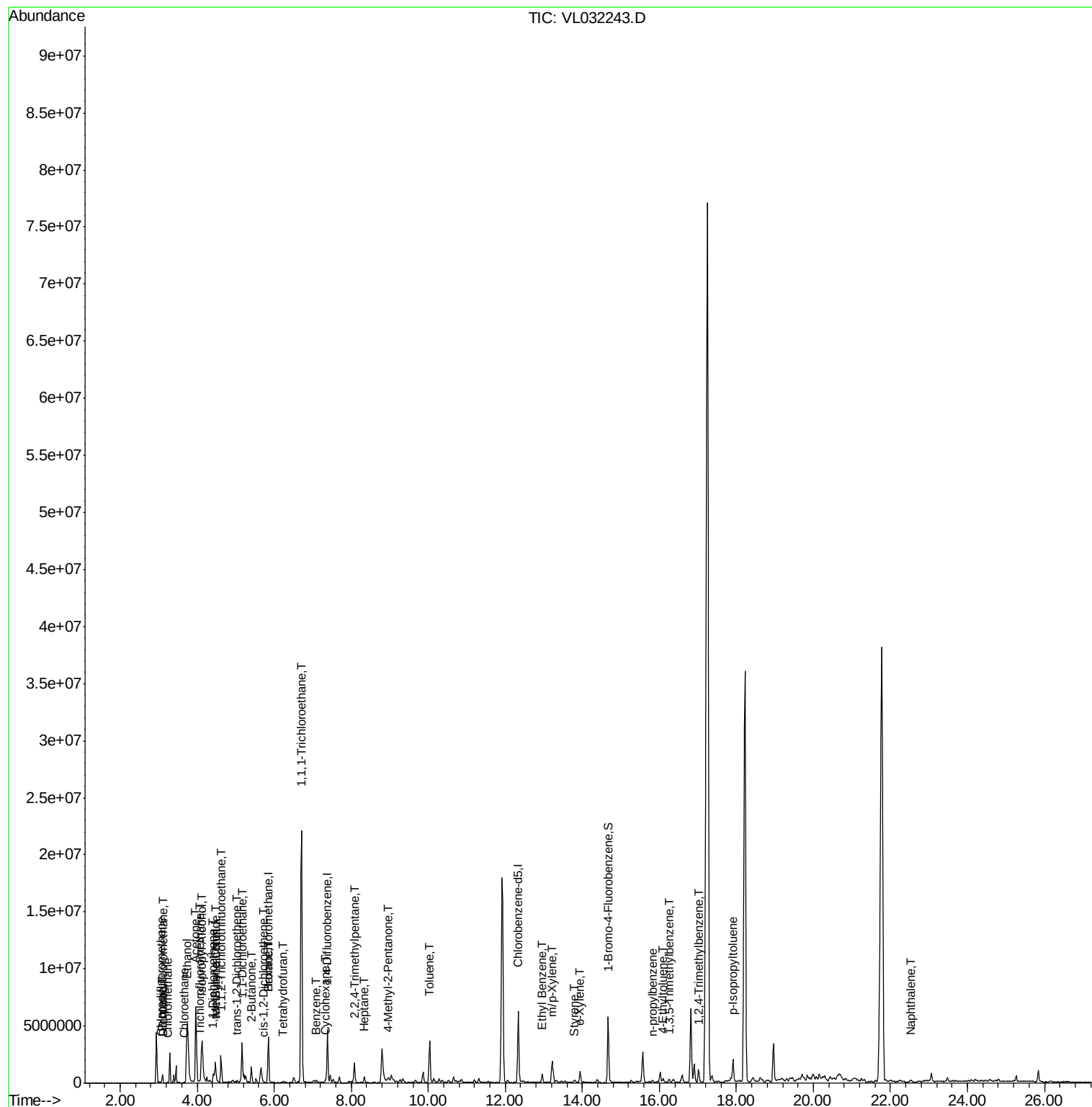
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL071218\
Data File : VL032243.D
Acq On : 13 Jul 2018 8:57
Operator : SY/AP
Sample : J3753-03DUP
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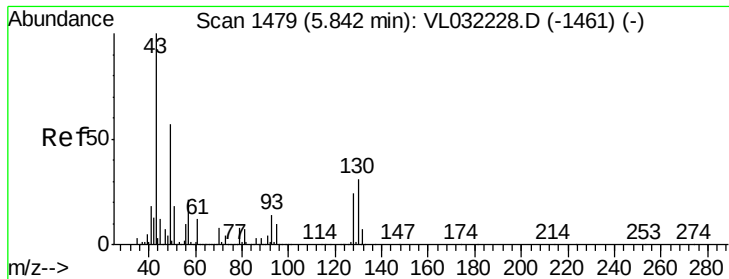
Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

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Quant Time: Jul 13 09:46:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration





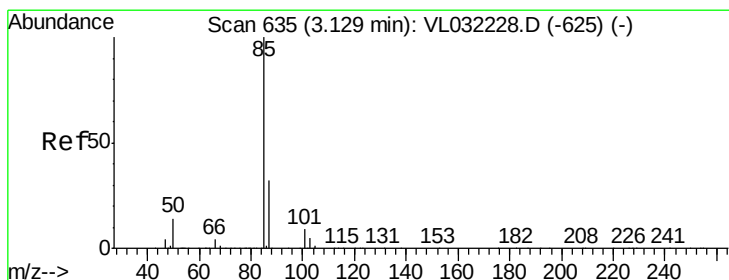
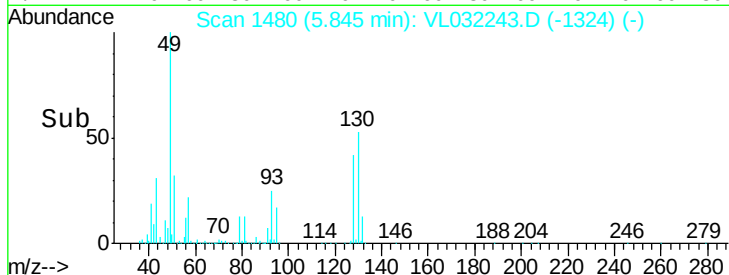
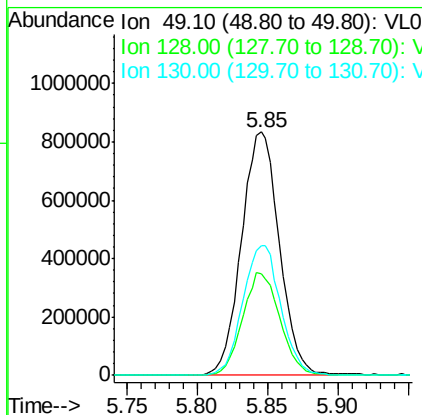
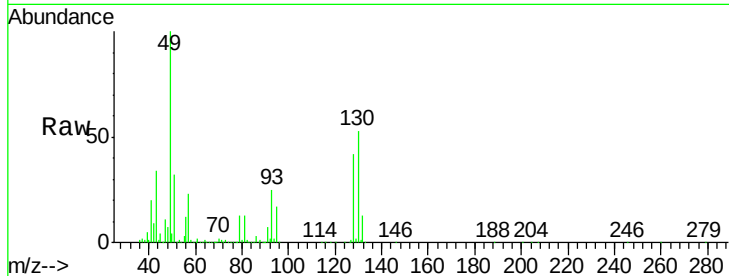
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Bromochloromethane
Concen: 10.00 ppbv
RT: 5.85 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion: 49 Resp: 1569428
Ion Ratio Lower Upper
49 100
128 42.0 20.9 62.8
130 53.7 27.0 81.0

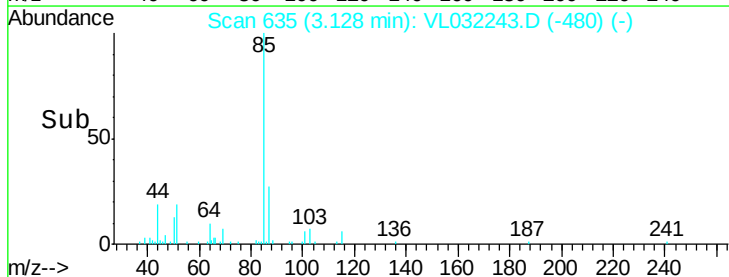
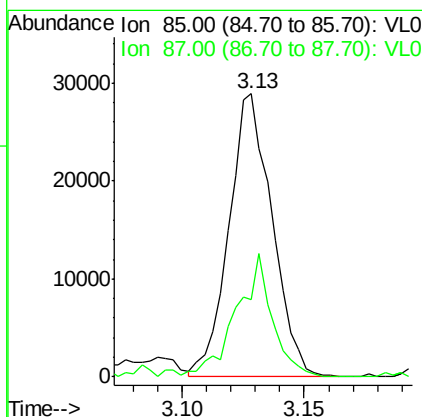
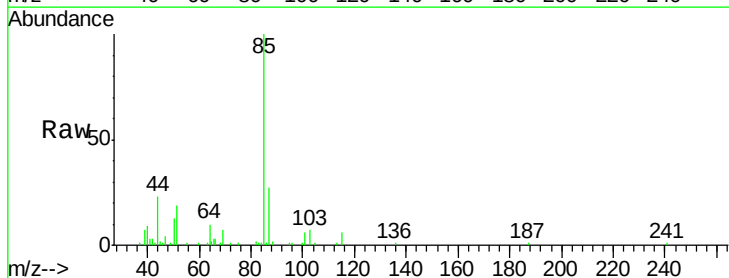
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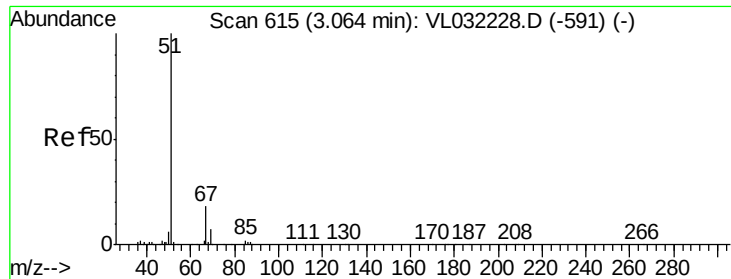
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#2
Dichlorodifluoromethane
Concen: 0.16 ppbv
RT: 3.13 min Scan# 635
Delta R.T. -0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Tgt Ion: 85 Resp: 35609
Ion Ratio Lower Upper
85 100
87 27.5 25.8 38.6





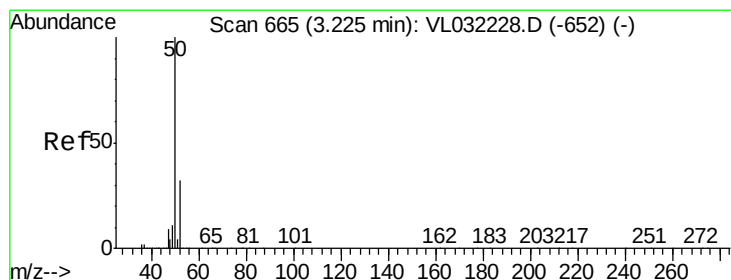
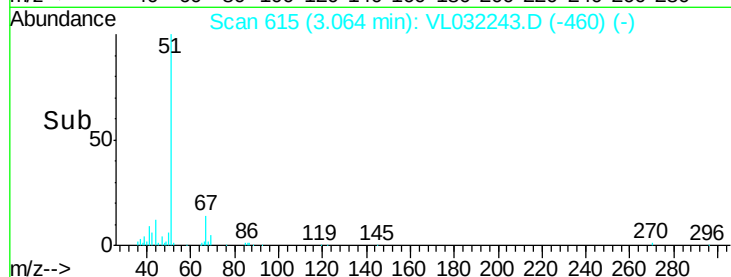
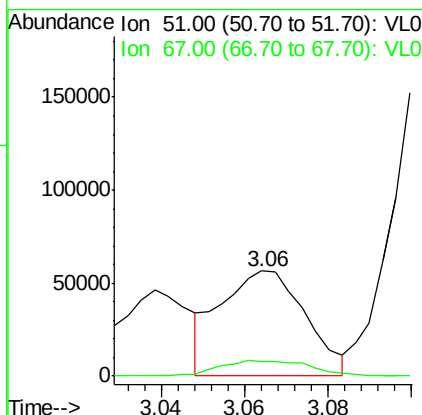
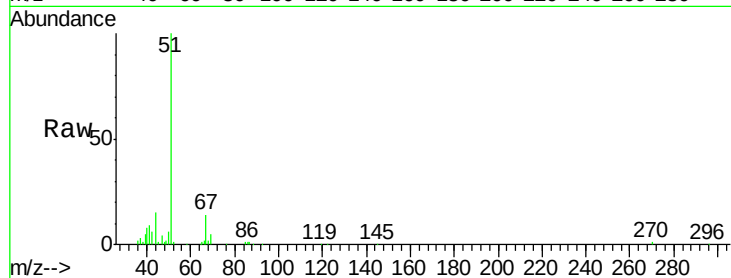
#3
Chlorodifluoromethane
Concen: 0.42 ppbv m
RT: 3.06 min Scan# 615
Delta R.T. -0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion: 51 Resp: 80100
Ion Ratio Lower Upper
51 100
67 16.7 14.6 22.0

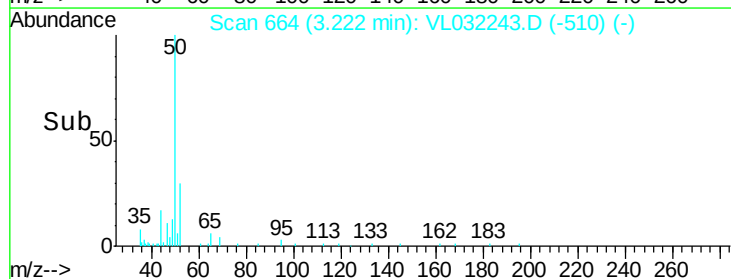
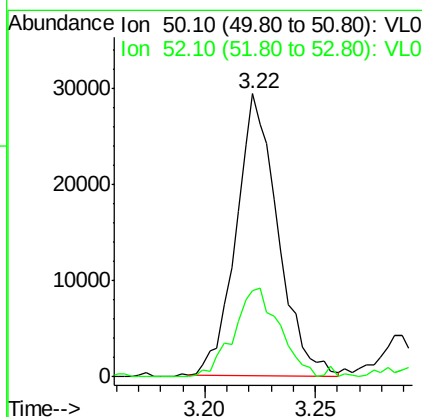
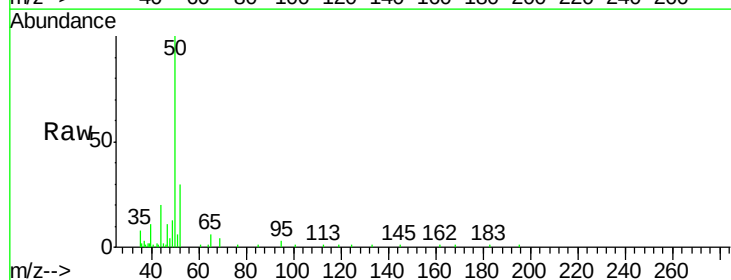
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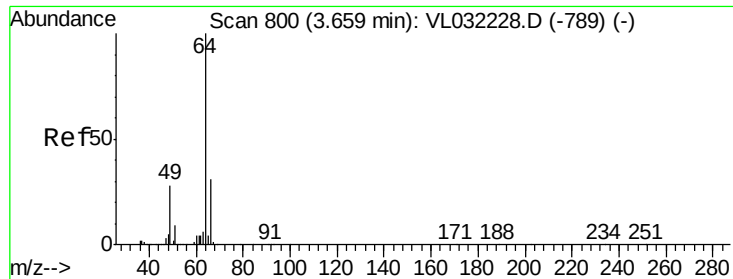
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#4
Chloromethane
Concen: 0.35 ppbv
RT: 3.22 min Scan# 664
Delta R.T. -0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Tgt Ion: 50 Resp: 38364
Ion Ratio Lower Upper
50 100
52 30.7 25.7 38.5





#7

Chloroethane

Concen: 1.36 ppbv

RT: 3.66 min Scan# 800

Delta R.T. -0.00 min

Lab File: VL032243.D

Acq: 13 Jul 2018 8:57

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDUP

Tot Ion: 64 Resp: 50525

Ion Ratio Lower Upper

64 100

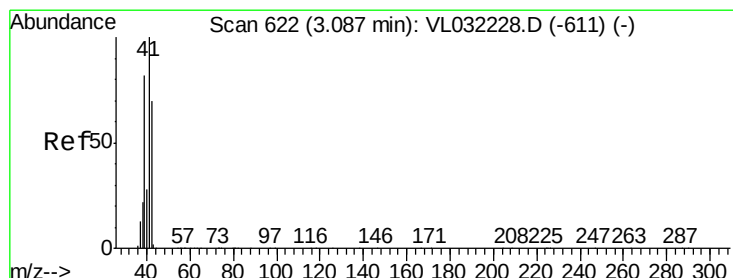
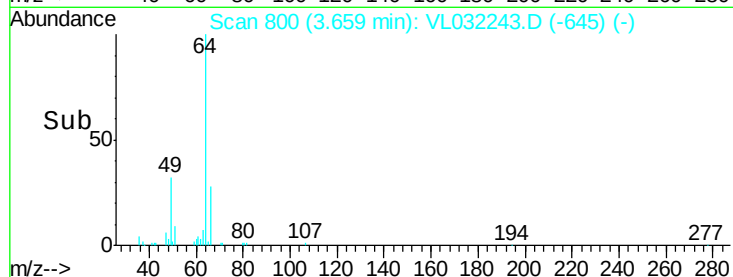
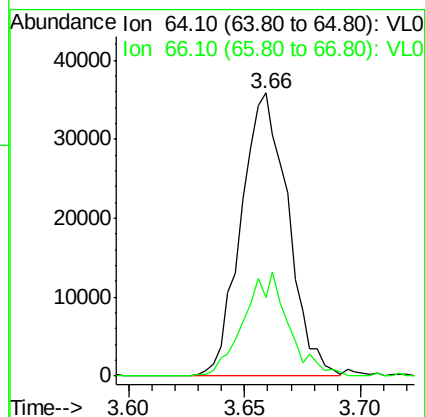
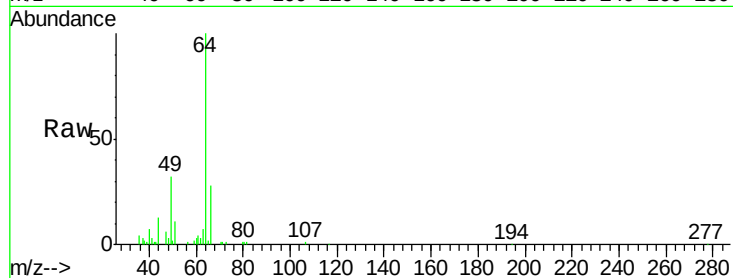
66 27.9 24.4 36.6

Manual Integrations

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#9

Propene

Concen: 2.31 ppbv

RT: 3.09 min Scan# 622

Delta R.T. -0.00 min

Lab File: VL032243.D

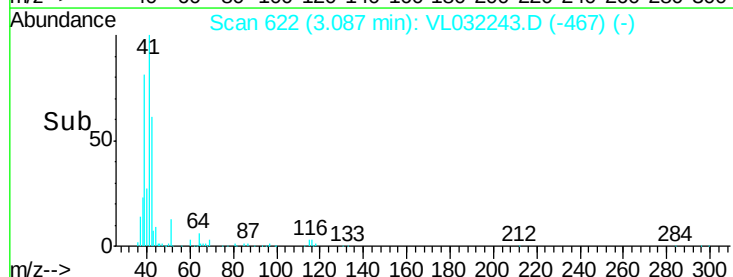
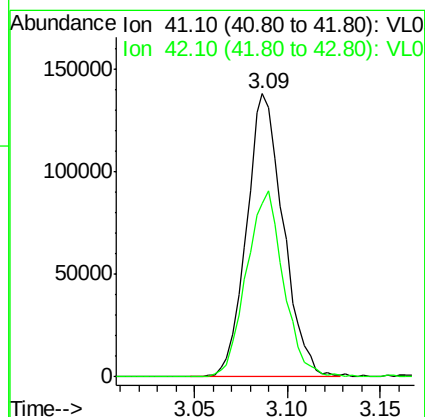
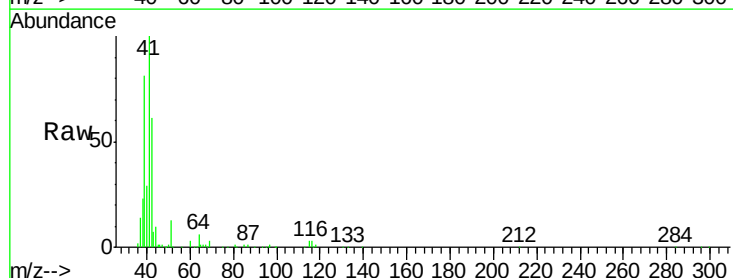
Acq: 13 Jul 2018 8:57

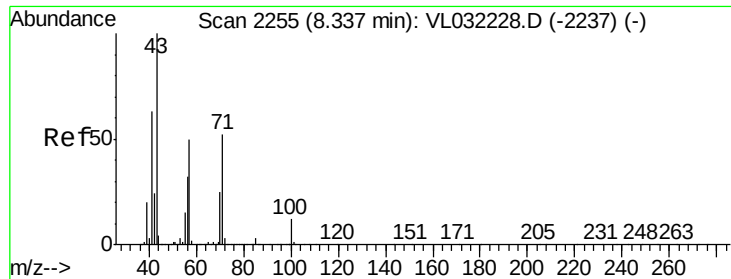
Tgt Ion: 41 Resp: 189675

Ion Ratio Lower Upper

41 100

42 66.5 56.2 84.4





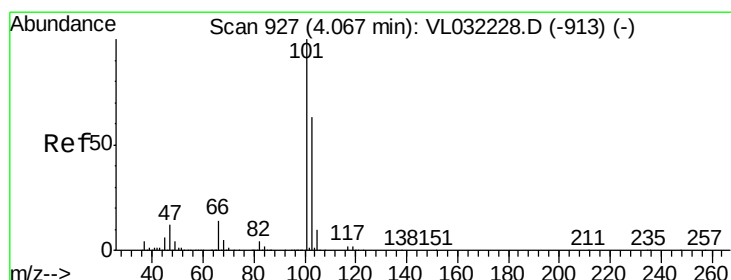
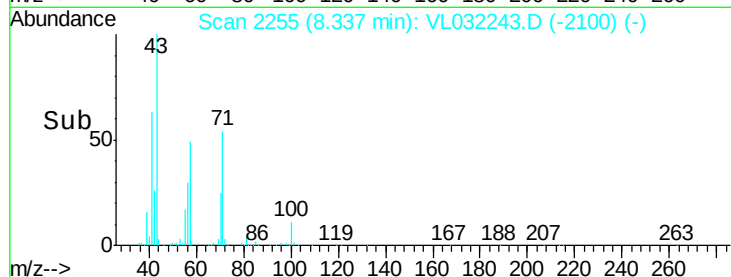
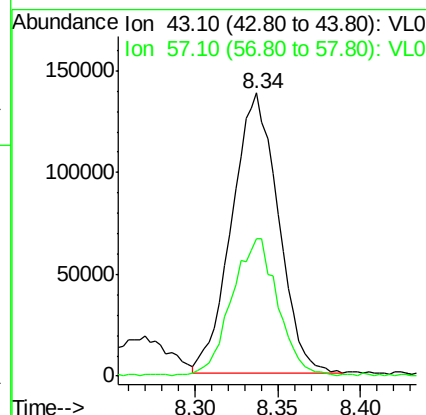
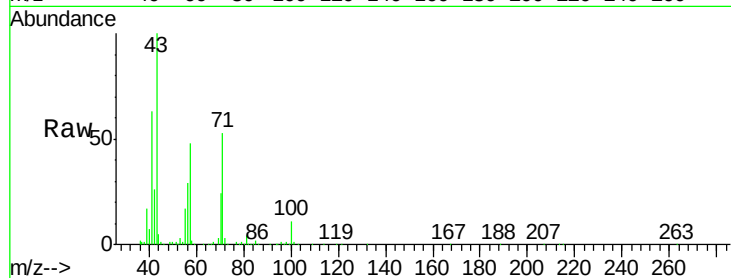
#10
 Heptane
 Concen: 1.14 ppbv
 RT: 8.34 min Scan# 2255
 Delta R.T. -0.00 min
 Lab File: VL032243.D
 Acq: 13 Jul 2018 8:57

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Tot Ion: 43 Resp: 266801
 Ion Ratio Lower Upper
 43 100
 57 49.5 40.7 61.1

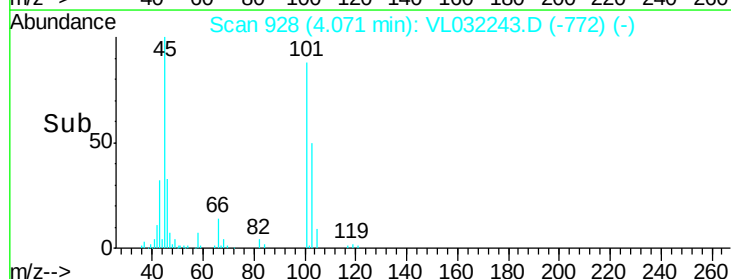
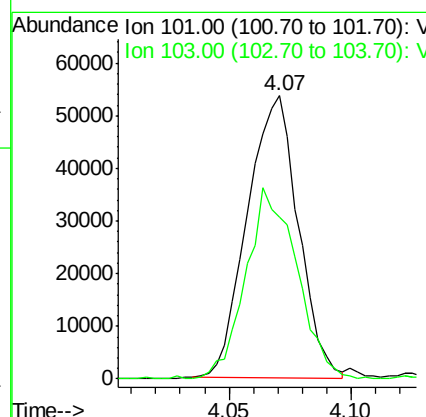
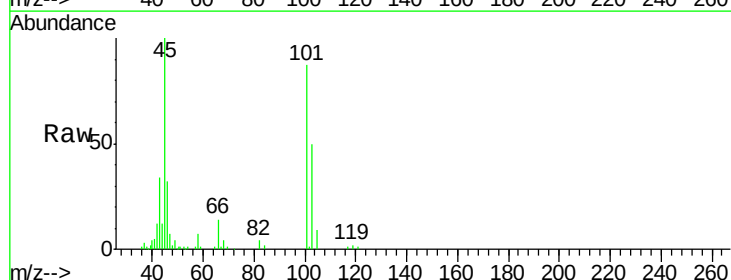
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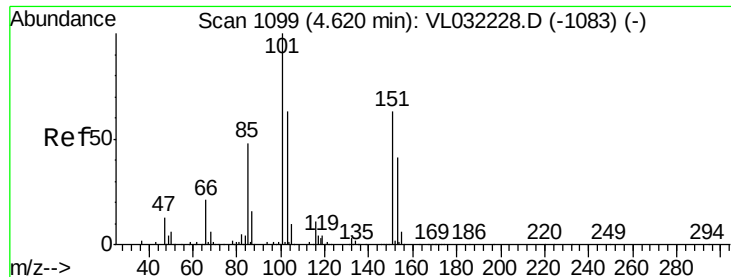
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#11
 Trichlorofluoromethane
 Concen: 0.36 ppbv
 RT: 4.07 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VL032243.D
 Acq: 13 Jul 2018 8:57

Tgt Ion: 101 Resp: 77815
 Ion Ratio Lower Upper
 101 100
 103 57.6 50.2 75.2





#12

1,1,2-Trichlorotrifluoroethane

Concen: 6.26 ppbv

RT: 4.62 min Scan# 1099

Delta R.T. -0.00 min

Lab File: VL032243.D

Acq: 13 Jul 2018 8:57

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDUP

Tot Ion:101 Resp: 864251

Ion Ratio Lower Upper

101 100

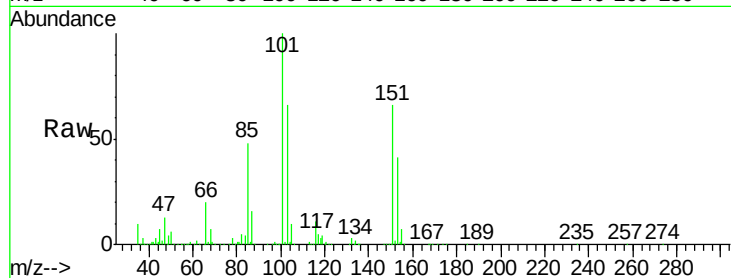
151 65.5 52.2 78.2

Manual Integrations

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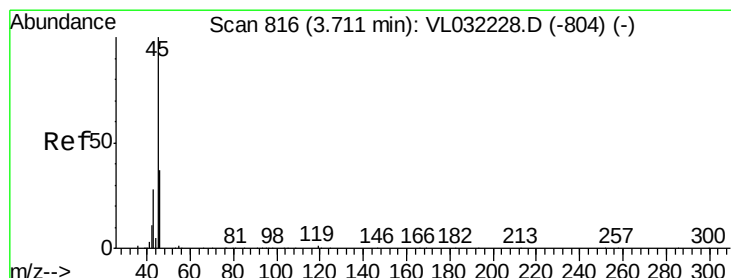
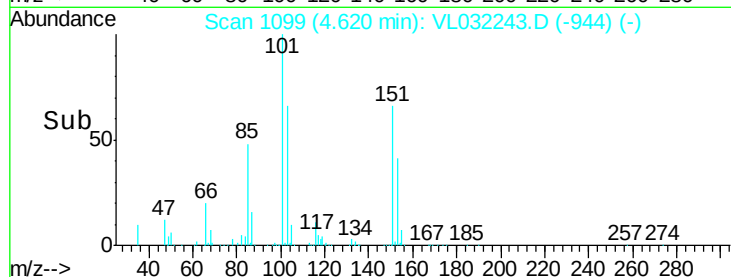
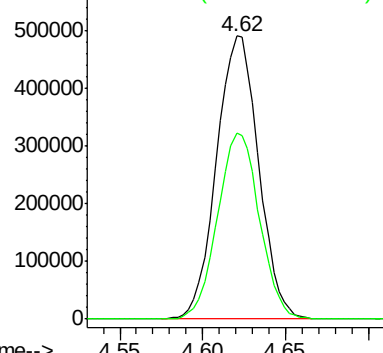
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 480.82 ppbv

RT: 3.74 min Scan# 826

Delta R.T. 0.03 min

Lab File: VL032243.D

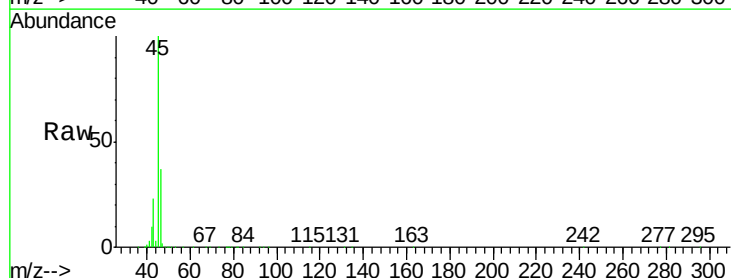
Acq: 13 Jul 2018 8:57

Tgt Ion: 45 Resp:11410174

Ion Ratio Lower Upper

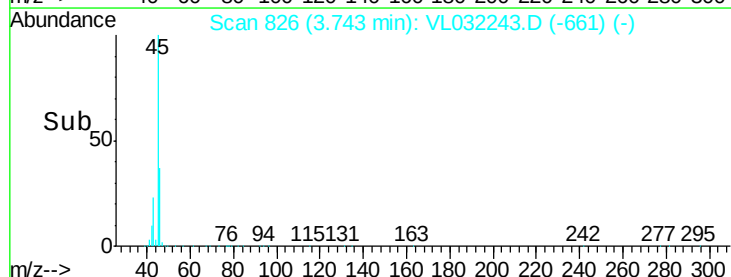
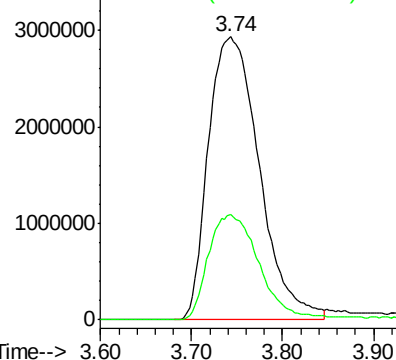
45 100

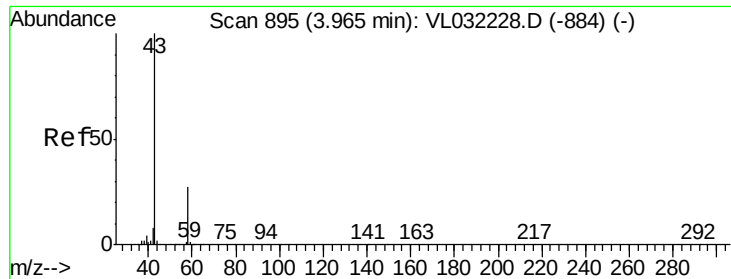
46 37.7 15.5 61.9



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 43.03 ppbv

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL032243.D

Acq: 13 Jul 2018 8:57

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDUP

Tot Ion: 43 Resp: 7836808

Ion Ratio Lower Upper

43 100

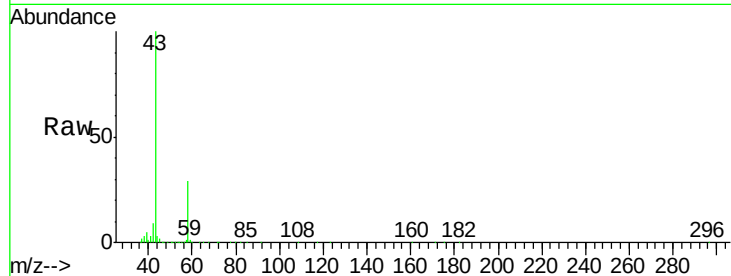
58 27.3 21.5 32.3

Manual Integrations

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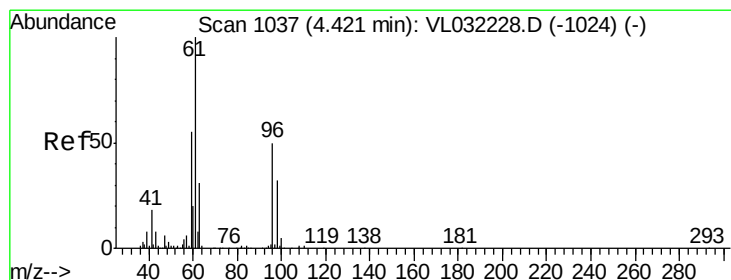
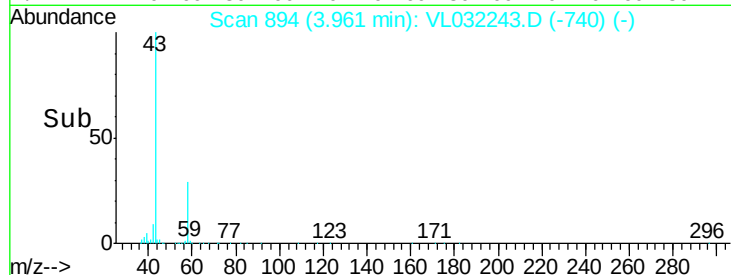
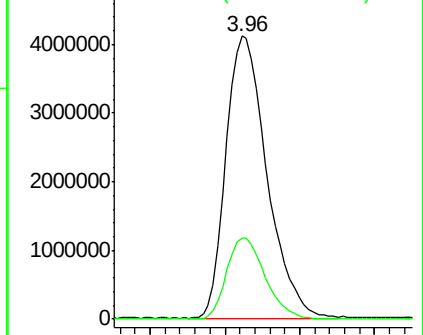
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#17

tert-Butyl alcohol

Concen: 14.66 ppbv

RT: 4.46 min Scan# 1049

Delta R.T. 0.04 min

Lab File: VL032243.D

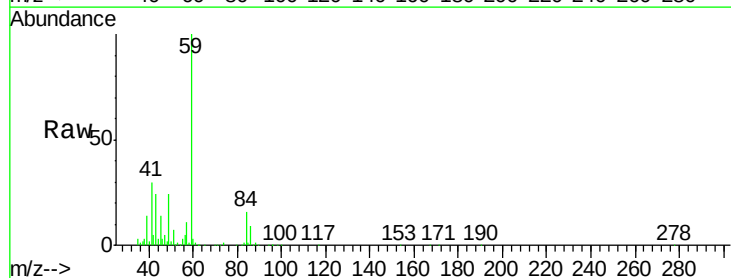
Acq: 13 Jul 2018 8:57

Tgt Ion: 59 Resp: 1246272

Ion Ratio Lower Upper

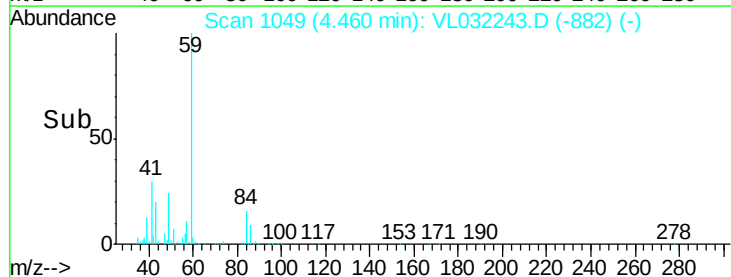
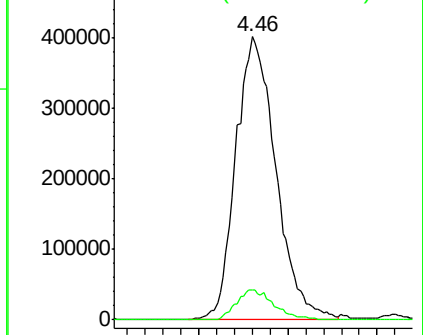
59 100

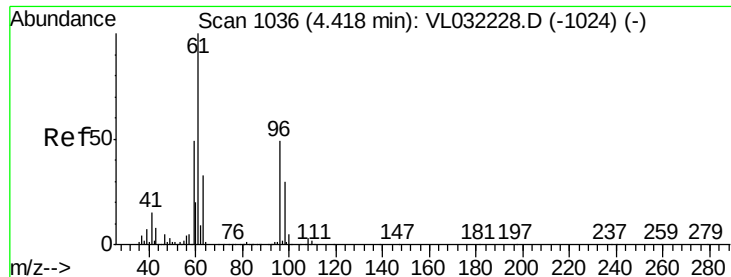
57 10.4 8.4 12.6



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





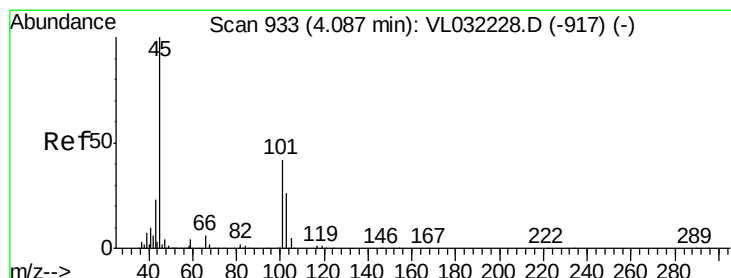
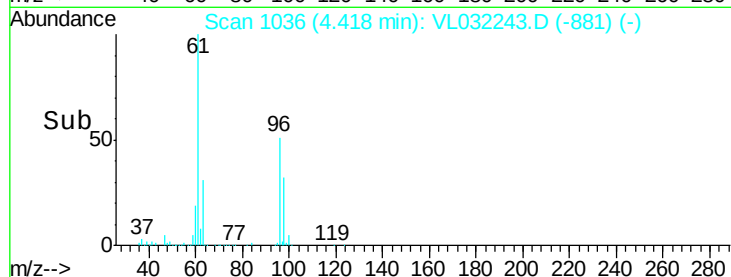
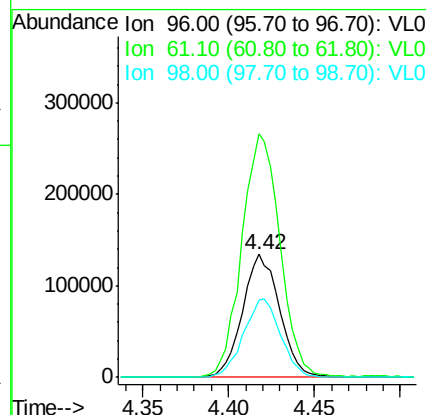
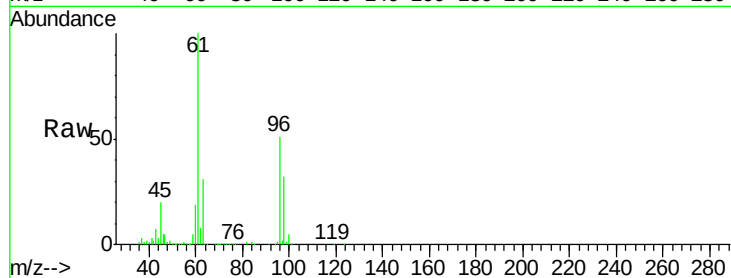
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 1,1-Dichloroethene
 Concen: 3.13 ppbv
 RT: 4.42 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VL032243.D
 Acq: 13 Jul 2018 8:57

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Tot Ion	Ratio	Lower	Upper
96	100		
61	197.8	163.0	244.4
98	62.7	48.5	72.7

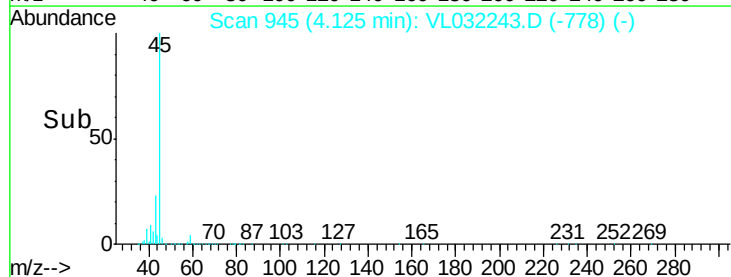
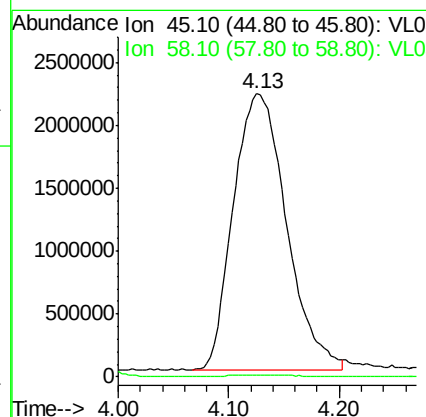
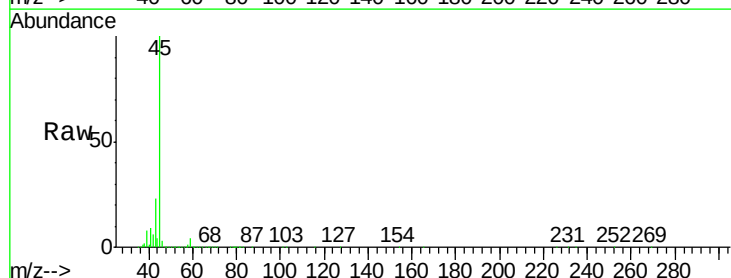
Manual Integrations
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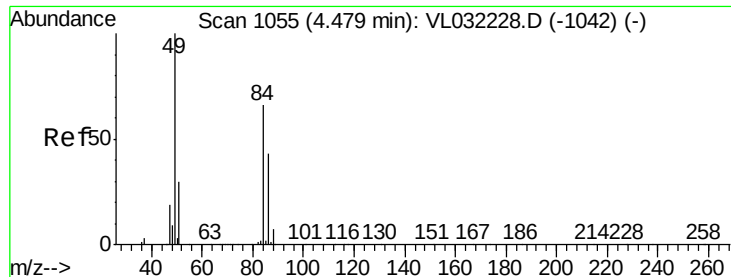
MMDadoda
 7/13/2018 5:22:26 PM



#19
 Isopropyl Alcohol
 Concen: 61.37 ppbv
 RT: 4.13 min Scan# 945
 Delta R.T. 0.04 min
 Lab File: VL032243.D
 Acq: 13 Jul 2018 8:57

Tgt Ion	Ratio	Lower	Upper
45	100		
58	29.2	1.3	1.9#





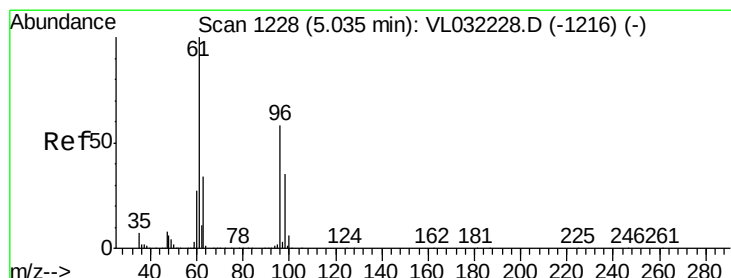
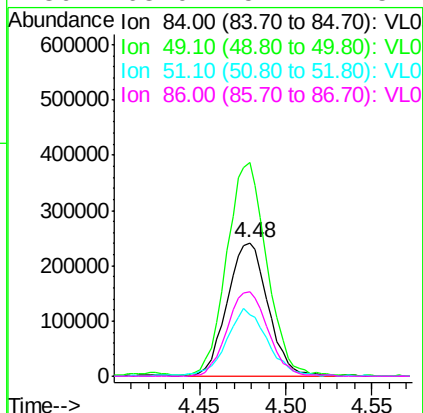
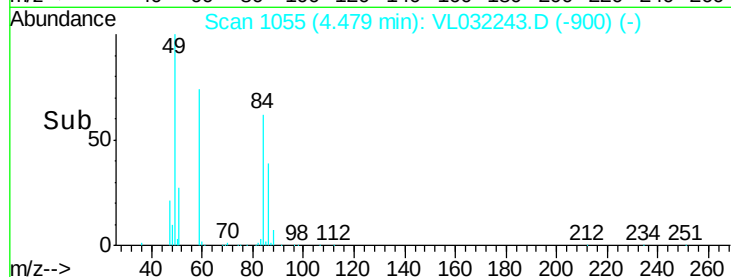
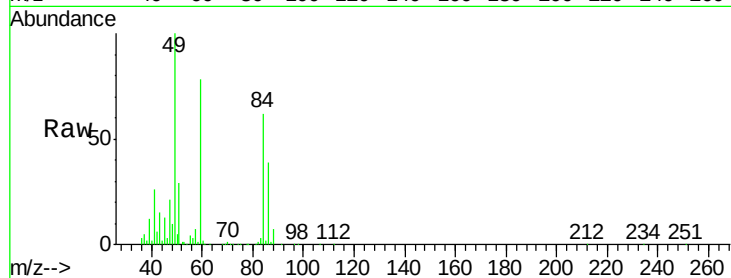
#20
Methylene Chloride
Concen: 6.39 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion	84	Resp	394479
Ion	Ratio	Lower	Upper
84	100		
49	159.8	121.8	182.6
51	46.3	36.3	54.5
86	63.0	52.1	78.1

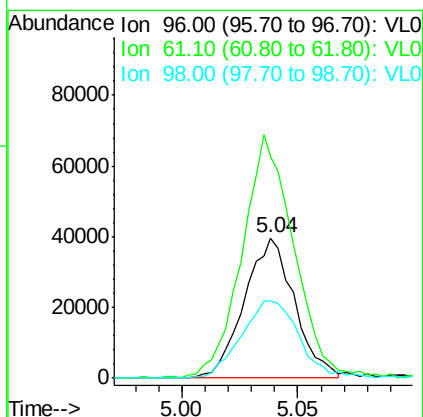
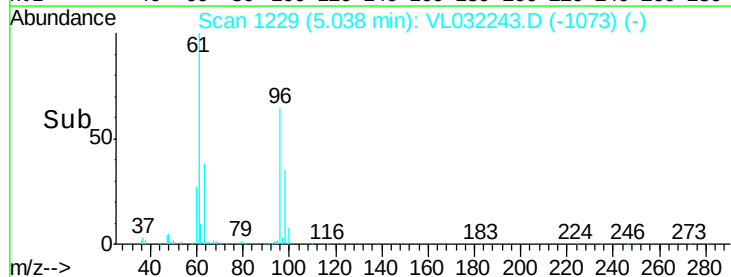
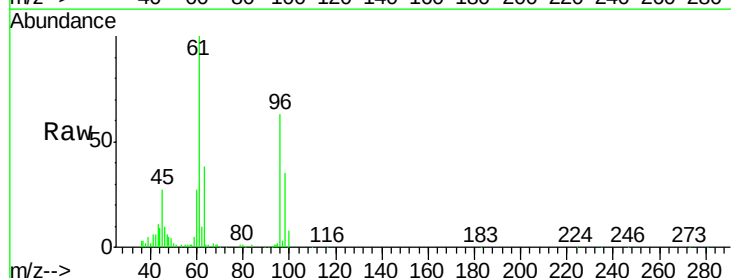
Manual Integrations
APPROVED

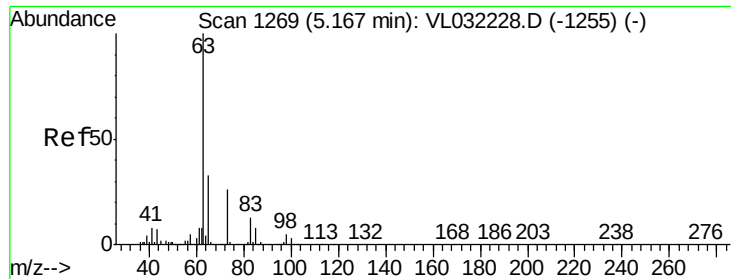
MMDadoda
7/13/2018 5:22:26 PM



#22
trans-1,2-Dichloroethene
Concen: 0.97 ppbv
RT: 5.04 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Tgt Ion	96	Resp	59518
Ion	Ratio	Lower	Upper
96	100		
61	156.1	139.1	208.7
98	55.1	48.4	72.6





#24

1,1-Dichloroethane

Concen: 14.79 ppbv

RT: 5.17 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VL032243.D

Acq: 13 Jul 2018 8:57

Instrument :

MSVOA_L

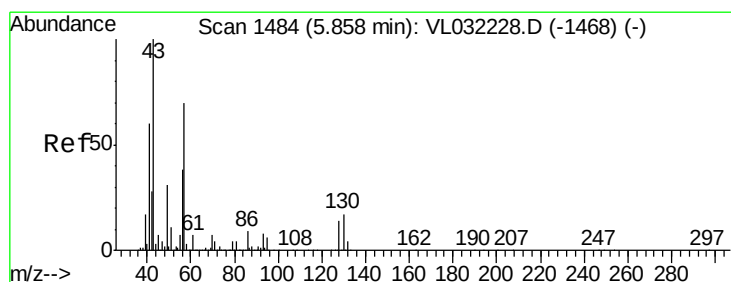
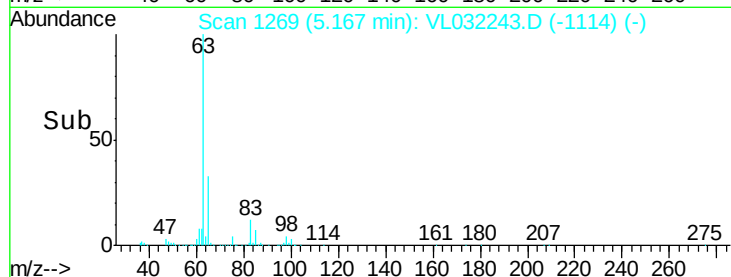
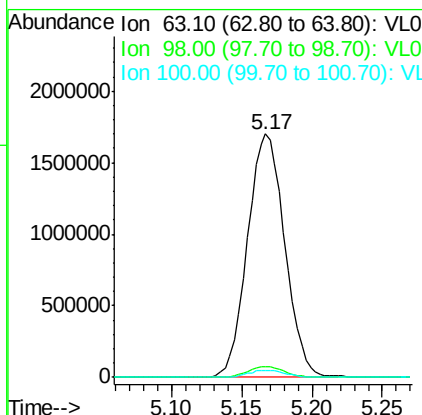
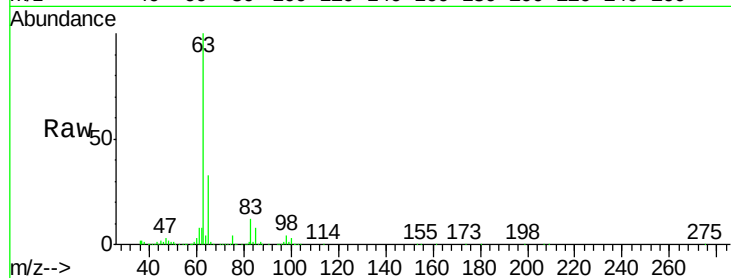
ClientSampleId :

EFFLUENTDUP

Tot Ion:	63	Resp:	3146028
Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.4	7.1
100	2.8	1.5	4.4

Manual Integrations
APPROVED

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7/13/2018 5:22:26 PM



#26

Hexane

Concen: 3.32 ppbv

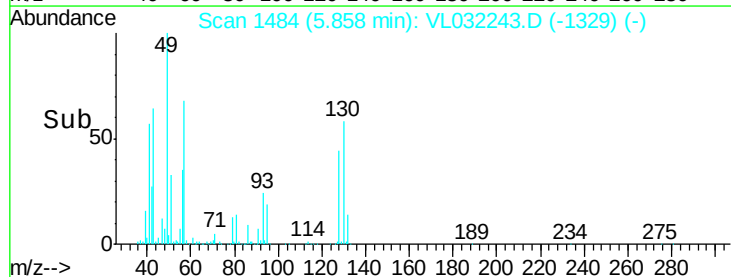
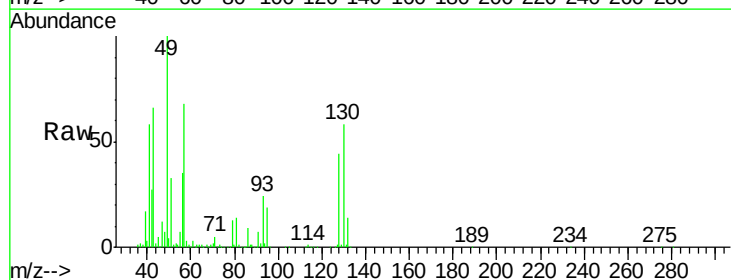
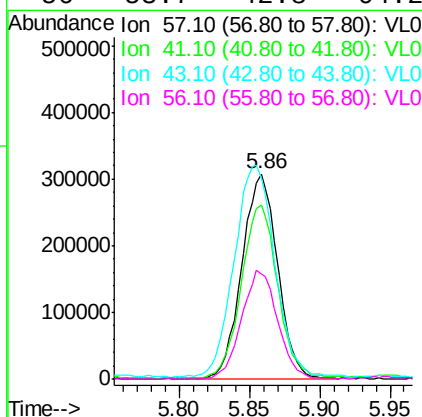
RT: 5.86 min Scan# 1484

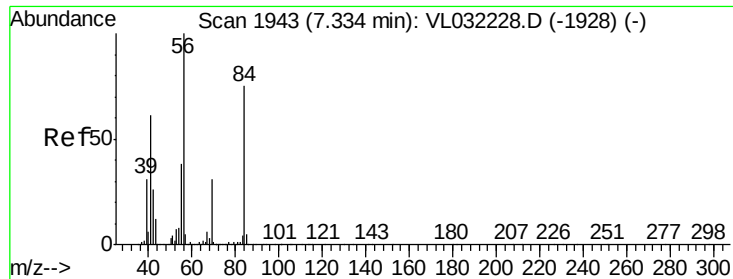
Delta R.T. -0.00 min

Lab File: VL032243.D

Acq: 13 Jul 2018 8:57

Tgt Ion:	57	Resp:	545415
Ion	Ratio	Lower	Upper
57	100		
41	86.7	68.7	103.1
43	118.6	176.2	264.2#
56	53.7	42.8	64.2





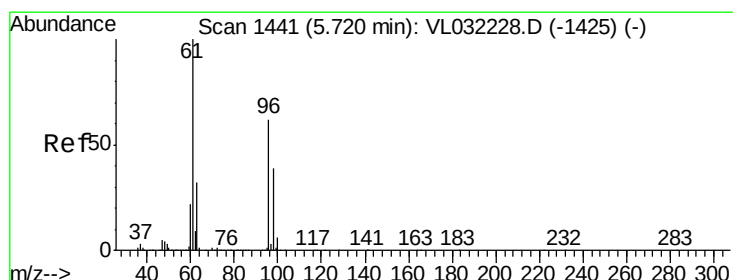
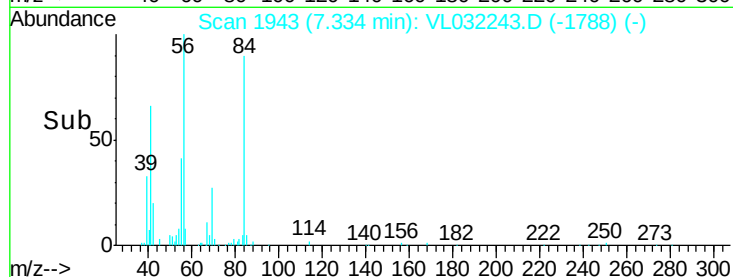
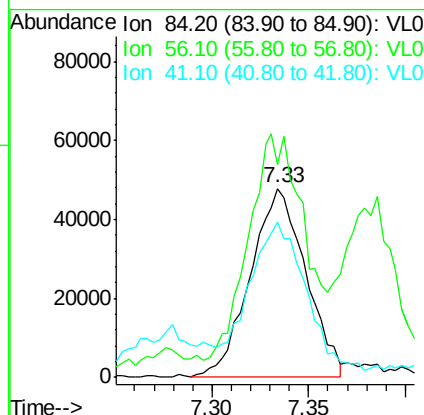
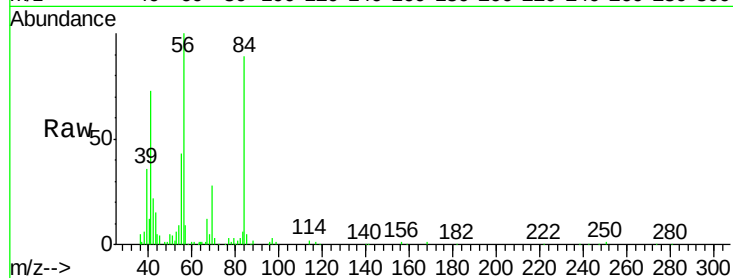
#30
Cyclohexane
Concen: 0.66 ppbv
RT: 7.33 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion	Ratio	Lower	Upper
84	100		
56	155.1	112.6	168.8
41	82.0	67.0	100.6

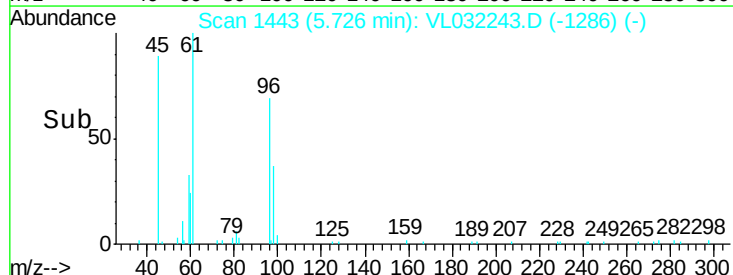
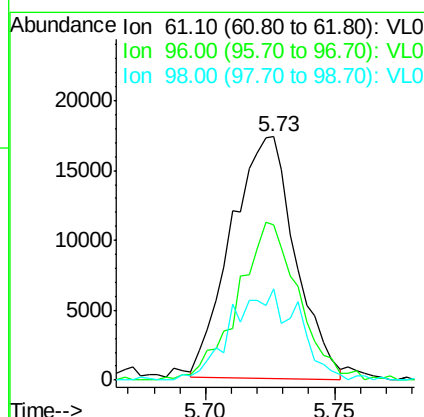
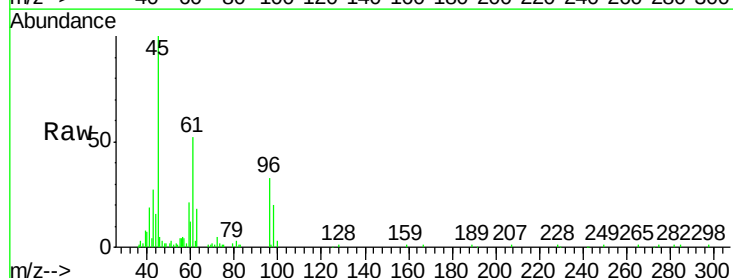
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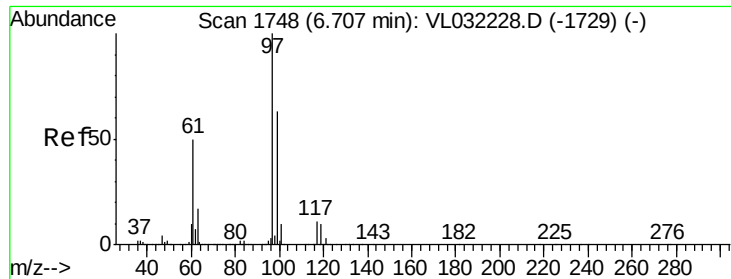
MMDadoda
7/13/2018 5:22:26 PM



#31
cis-1,2-Dichloroethene
Concen: 0.18 ppbv
RT: 5.73 min Scan# 1443
Delta R.T. 0.01 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Tgt Ion	Ratio	Lower	Upper
61	100		
96	63.8	49.8	74.8
98	37.3	31.4	47.2





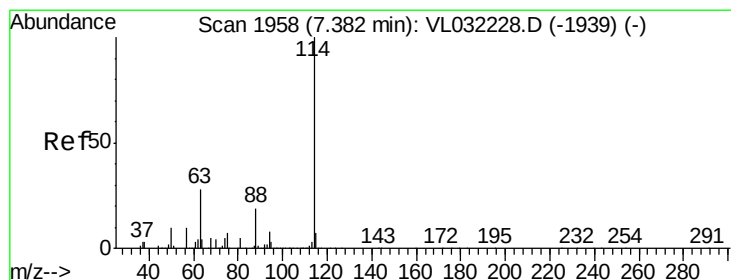
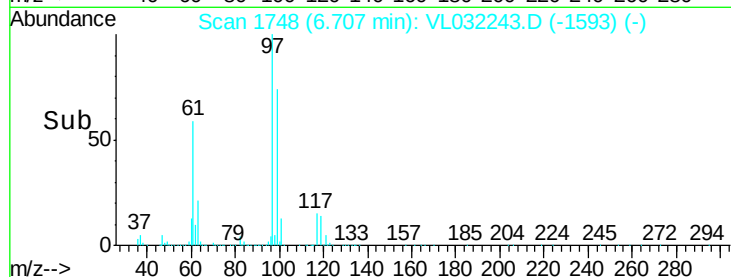
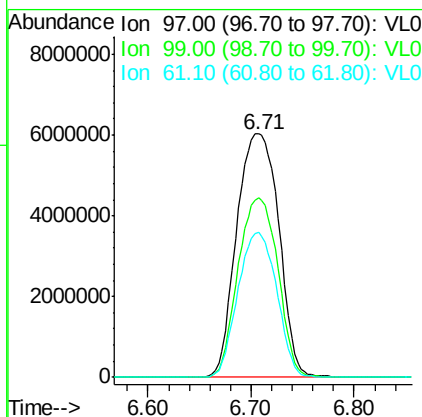
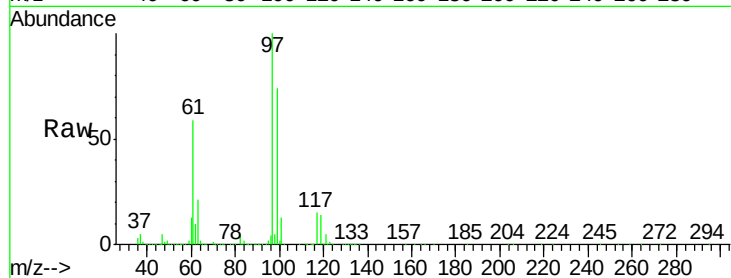
#32
 1,1,1-Trichloroethane
 Concen: 69.60 ppbv
 RT: 6.71 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VL032243.D
 Acq: 13 Jul 2018 8:57

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Tot Ion: 97 Resp: 17141328
 Ion Ratio Lower Upper
 97 100
 99 69.9 51.2 76.8
 61 55.1 41.3 61.9

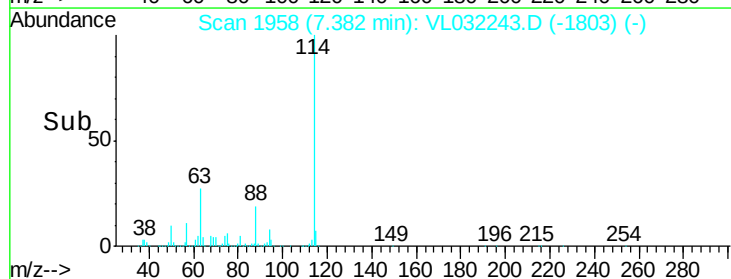
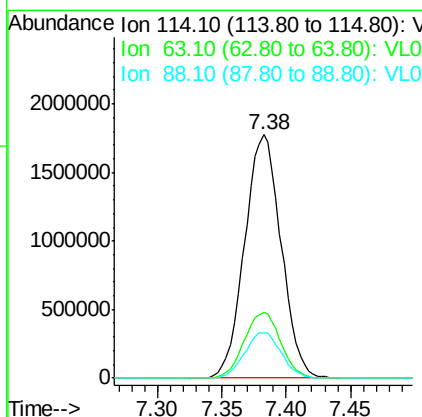
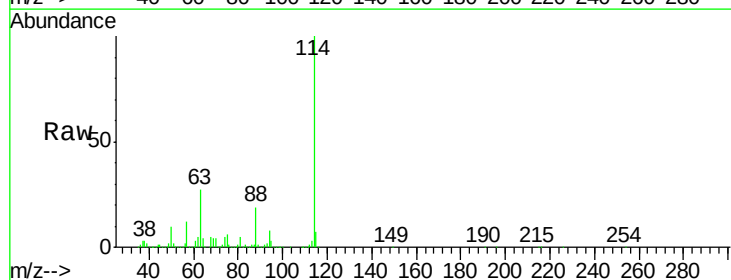
Manual Integrations
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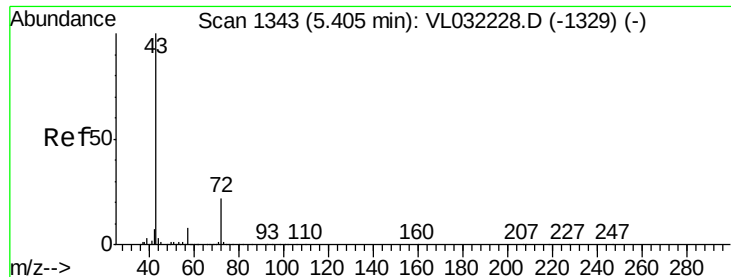
MMDadoda
 7/13/2018 5:22:26 PM



#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.38 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: VL032243.D
 Acq: 13 Jul 2018 8:57

Tgt Ion: 114 Resp: 3500200
 Ion Ratio Lower Upper
 114 100
 63 27.2 22.5 33.7
 88 18.9 15.4 23.0





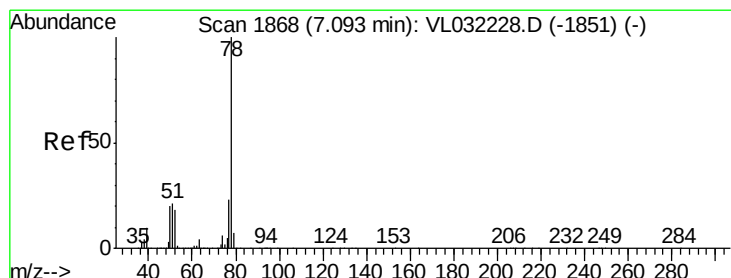
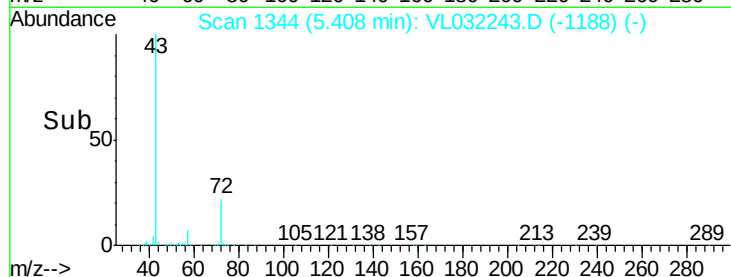
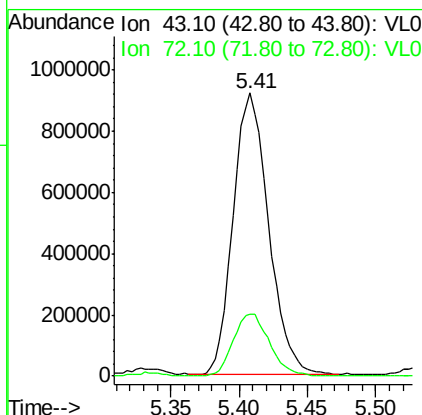
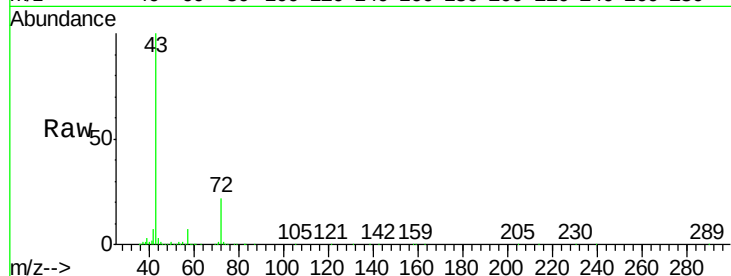
#34
2-Butanone
Concen: 6.99 ppbv
RT: 5.41 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion: 43 Resp: 1667188
Ion Ratio Lower Upper
43 100
72 22.6 18.1 27.1

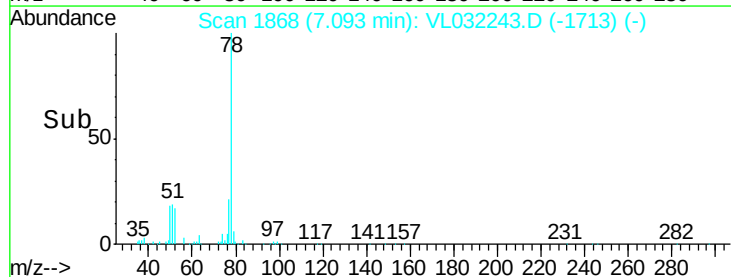
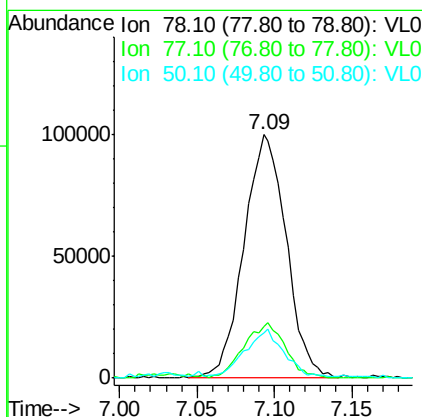
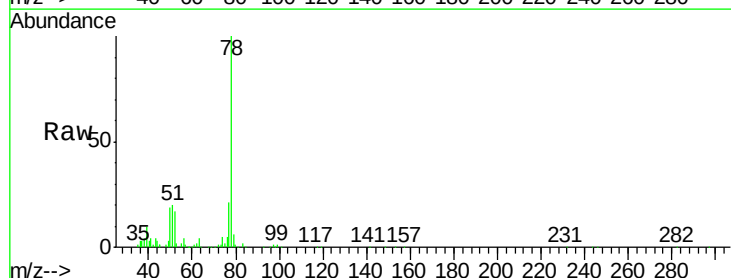
Manual Integrations
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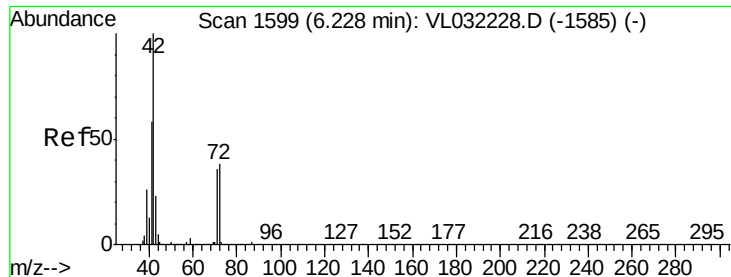
MMDadoda
7/13/2018 5:22:26 PM



#36
Benzene
Concen: 0.54 ppbv
RT: 7.09 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Tgt Ion: 78 Resp: 189274
Ion Ratio Lower Upper
78 100
77 20.9 18.0 27.0
50 18.0 15.8 23.8





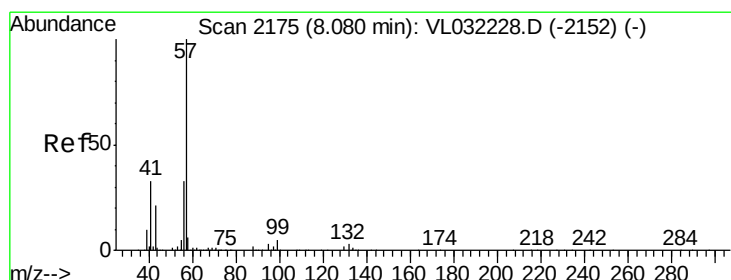
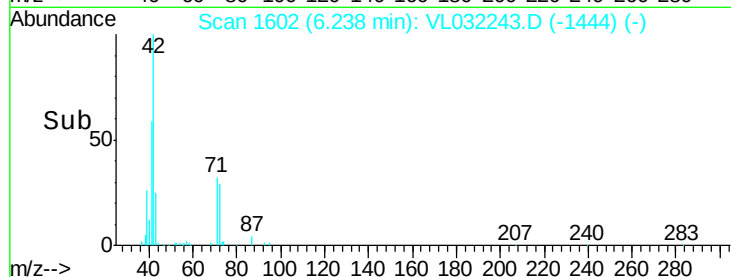
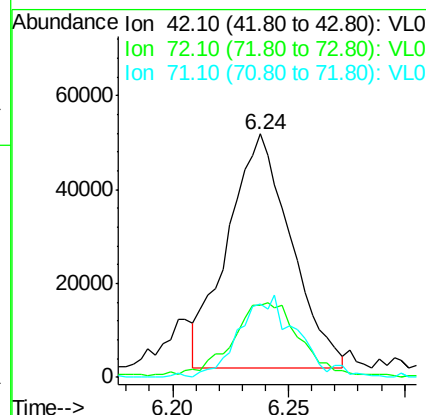
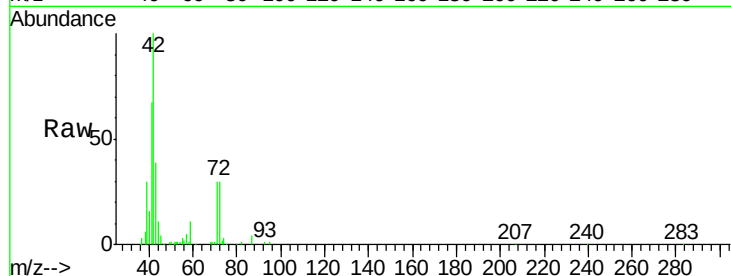
#41
Tetrahydrofuran
Concen: 0.71 ppbv
RT: 6.24 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.1	30.6	45.8
71	32.3	29.7	44.5

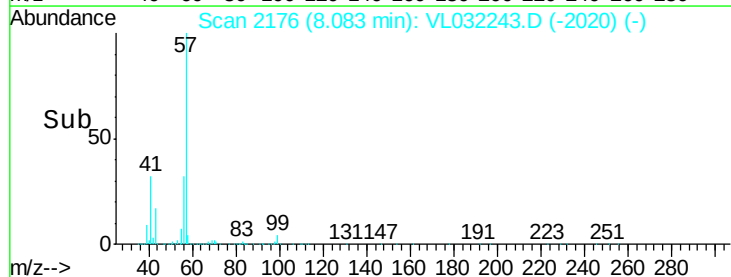
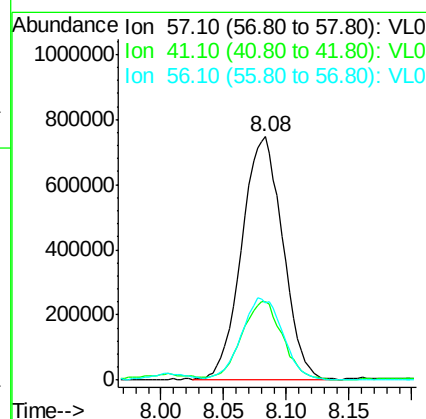
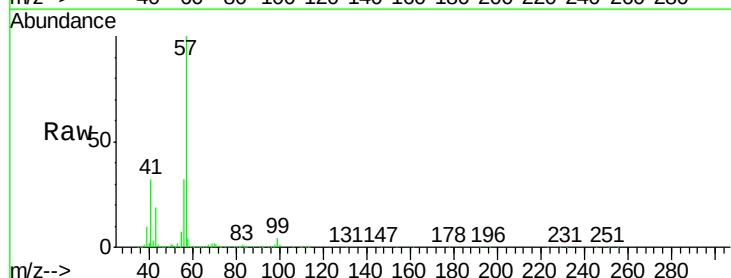
Manual Integrations
APPROVED

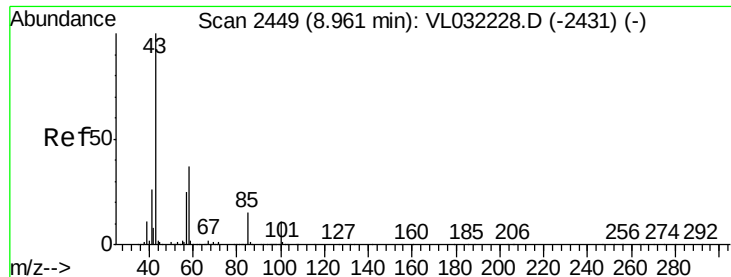
MMDadoda
7/13/2018 5:22:26 PM



#44
2,2,4-Trimethylpentane
Concen: 2.82 ppbv
RT: 8.08 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Tgt Ion	Ratio	Lower	Upper
57	100		
41	32.1	24.7	37.1
56	34.6	25.4	38.0





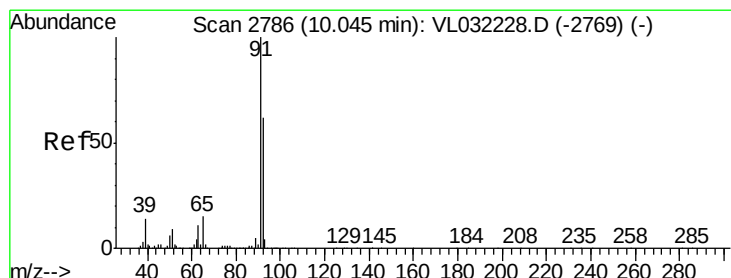
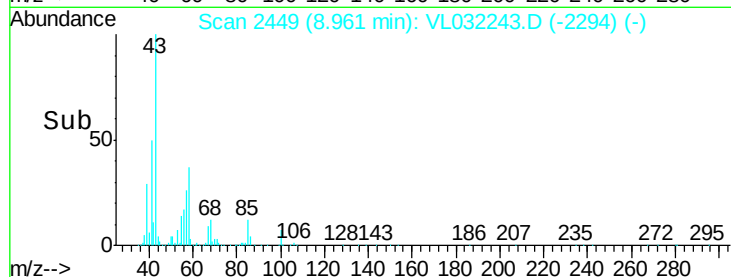
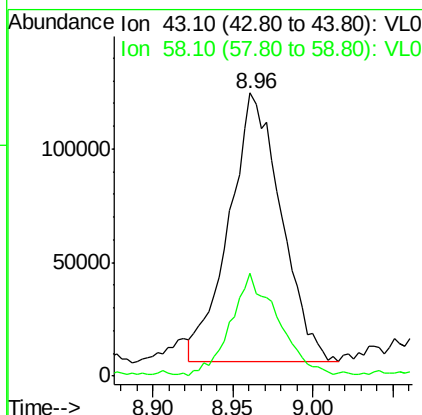
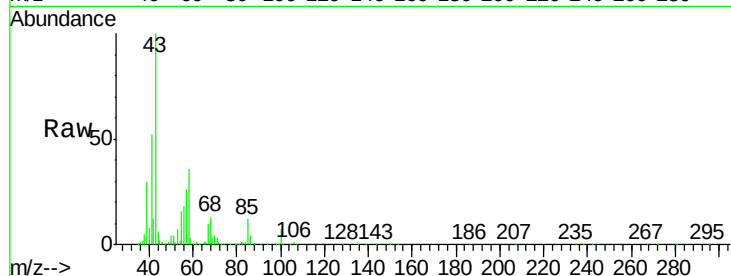
#50
4-Methyl-2-Pentanone
Concen: 0.64 ppbv
RT: 8.96 min Scan# 2449
Delta R.T. -0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.7	29.5	44.3

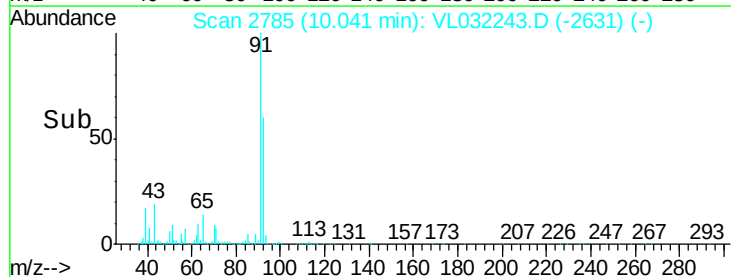
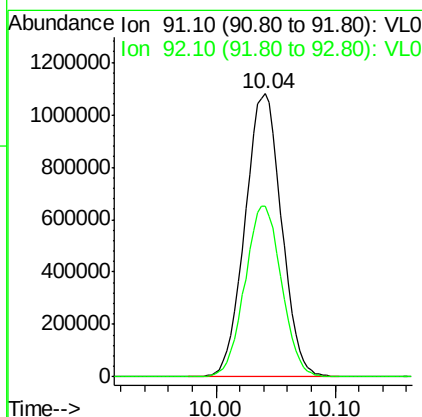
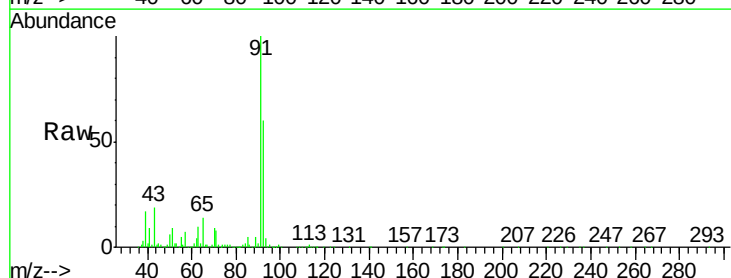
Manual Integrations
APPROVED

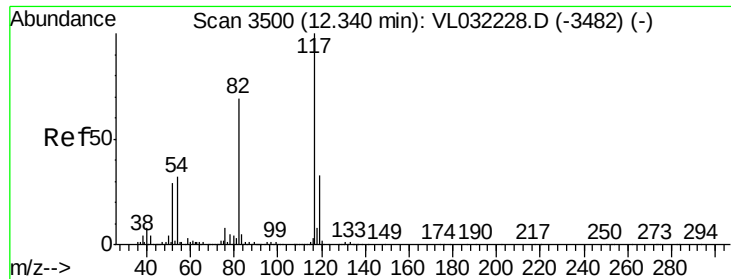
MMDadoda
7/13/2018 5:22:26 PM



#53
Toluene
Concen: 5.58 ppbv
RT: 10.04 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.8	49.0	73.4





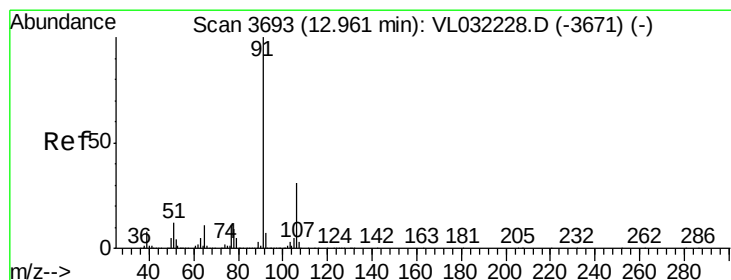
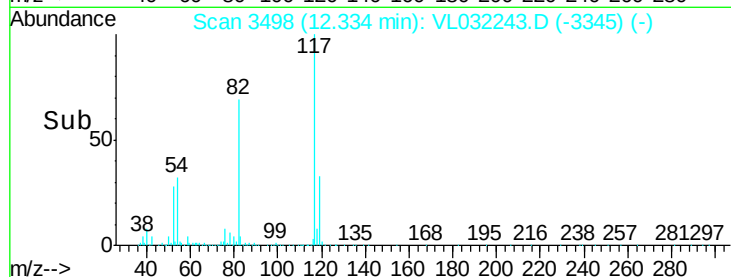
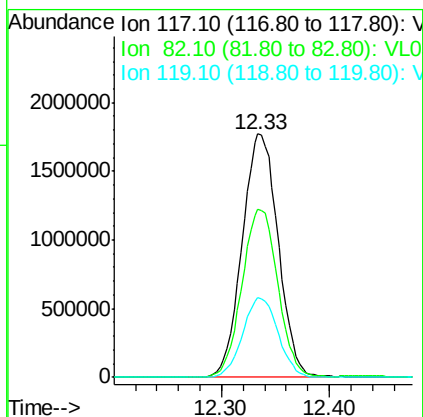
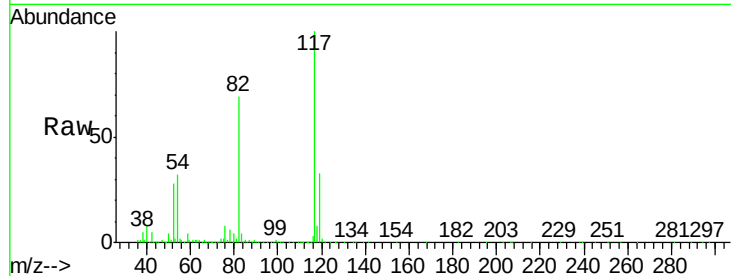
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.33 min Scan# 3498
Delta R.T. -0.01 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.9	53.2	79.8
119	32.4	43.9	65.9#

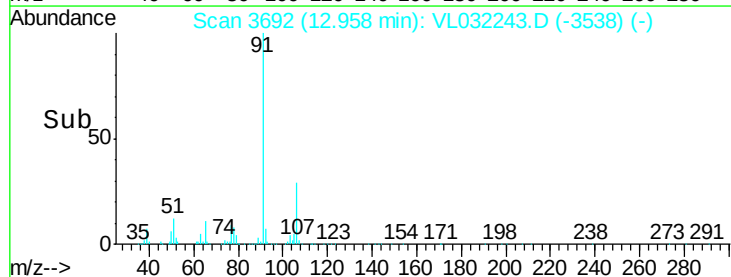
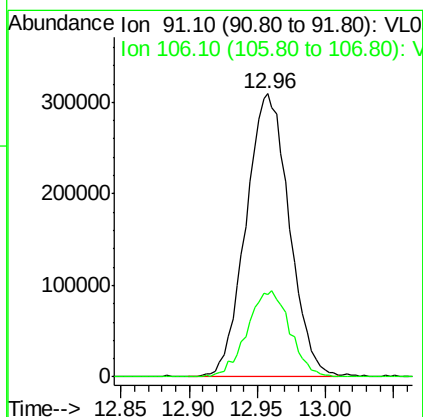
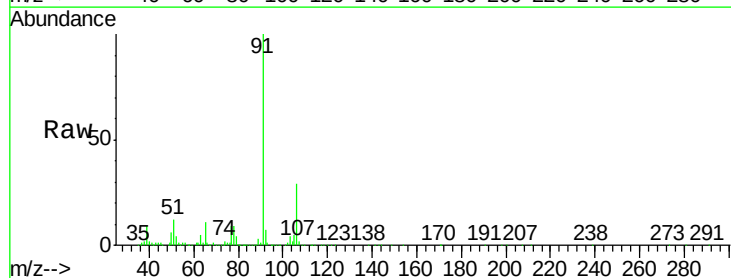
Manual Integrations
APPROVED

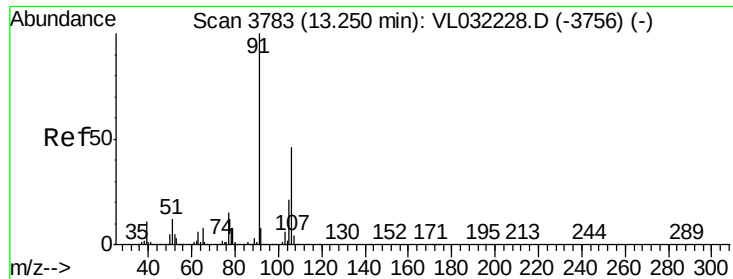
MMDadoda
7/13/2018 5:22:26 PM



#58
Ethyl Benzene
Concen: 1.14 ppbv
RT: 12.96 min Scan# 3692
Delta R.T. -0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.1	24.5	36.7





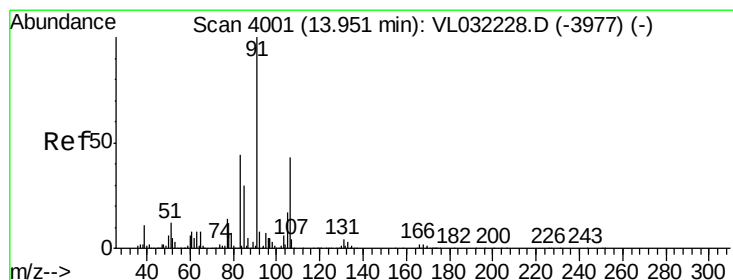
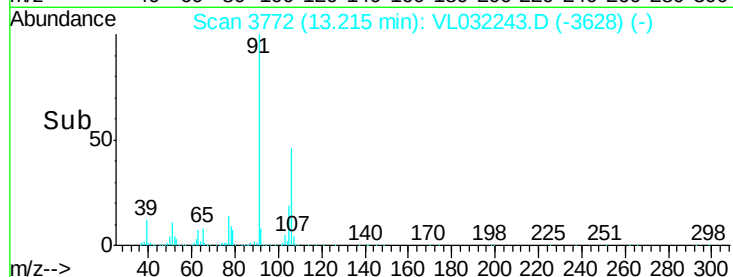
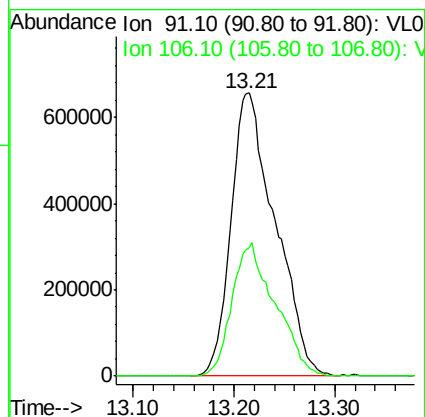
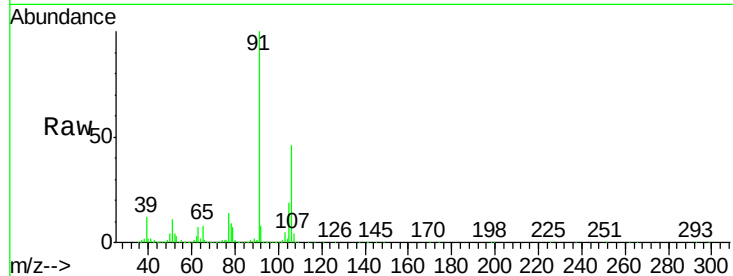
#59
m/p-Xylene
Concen: 4.04 ppbv
RT: 13.21 min Scan# 3772
Delta R.T. -0.04 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion: 91 Resp: 1988844
Ion Ratio Lower Upper
91 100
106 46.6 36.4 54.6

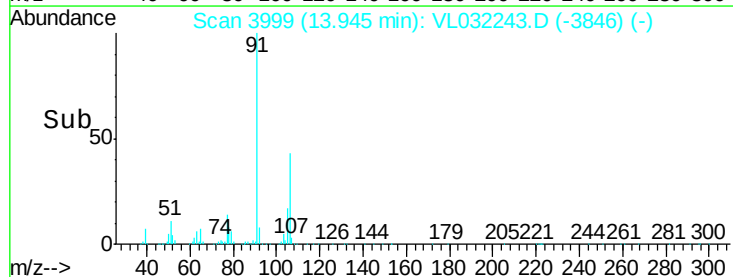
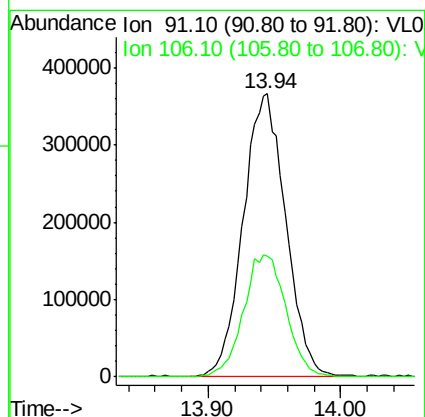
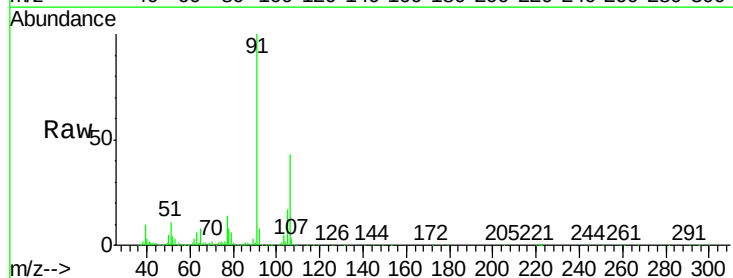
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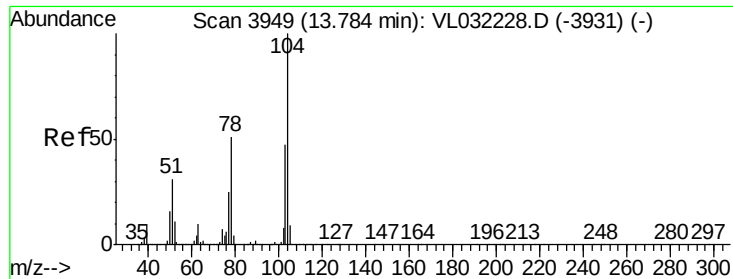
MMDadoda
7/13/2018 5:22:26 PM



#60
o-Xylene
Concen: 1.68 ppbv
RT: 13.94 min Scan# 3999
Delta R.T. -0.01 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Tgt Ion: 91 Resp: 816851
Ion Ratio Lower Upper
91 100
106 43.3 21.9 65.5





#61

Stvrene

Concen: 0.15 ppbv

RT: 13.78 min Scan# 3948

Delta R.T. -0.00 min

Lab File: VL032243.D

Acq: 13 Jul 2018 8:57

Instrument :

MSVOA_L

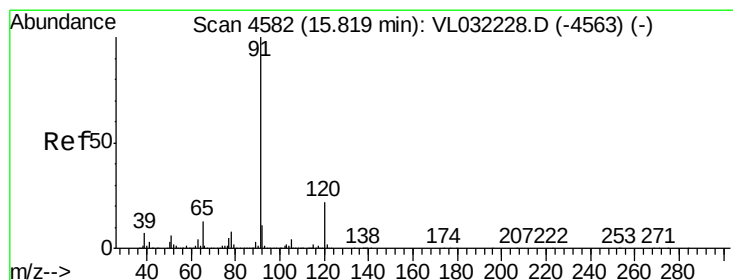
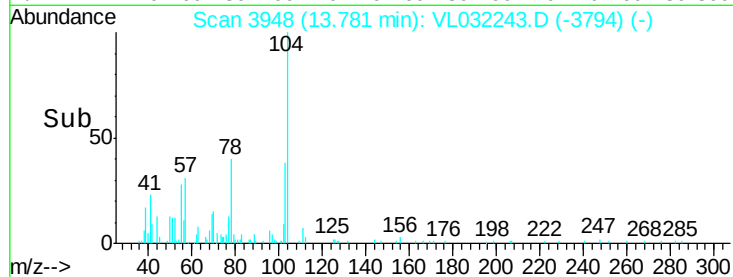
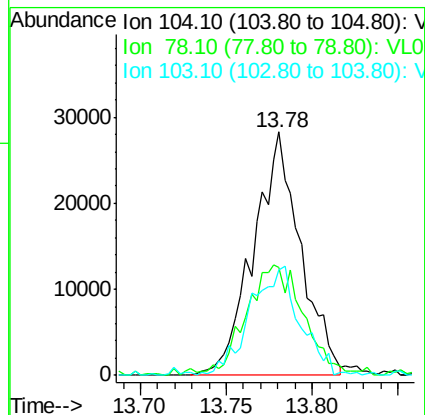
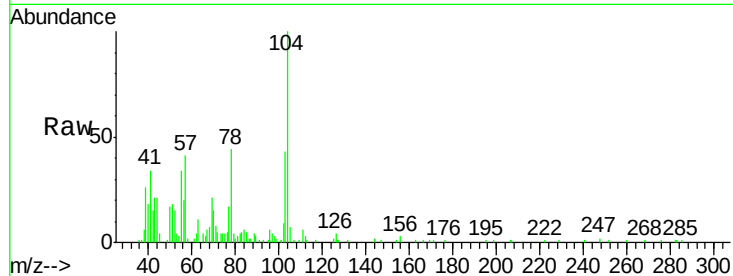
ClientSampleId :

EFFLUENTDUP

Tot Ion:	104	Resp:	53629
Ion Ratio	Lower	Upper	
104	100		
78	56.3	43.4	65.0
103	48.0	38.0	57.0

Manual Integrations
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#64

n-propylbenzene

Concen: 0.26 ppbv m

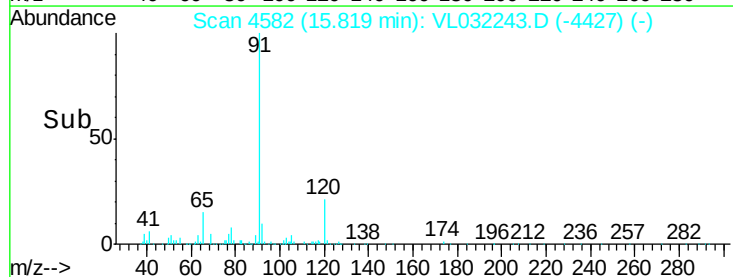
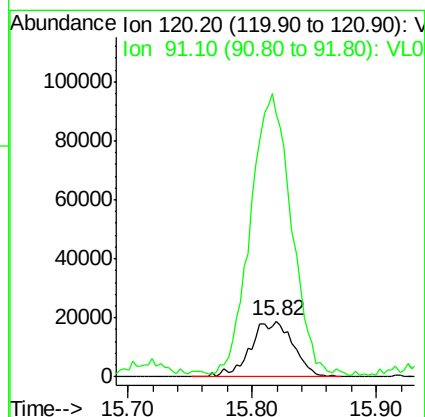
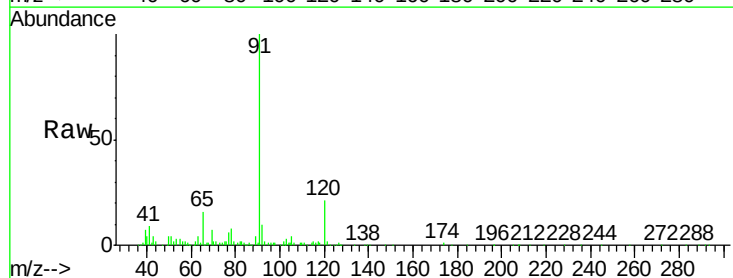
RT: 15.82 min Scan# 4582

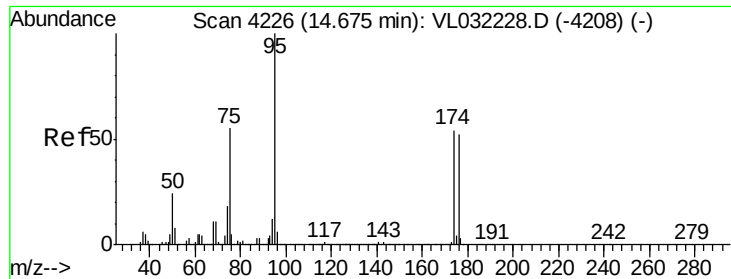
Delta R.T. -0.00 min

Lab File: VL032243.D

Acq: 13 Jul 2018 8:57

Tgt Ion:	120	Resp:	44811
Ion Ratio	Lower	Upper	
120	100		
91	0.0	385.0	577.4#





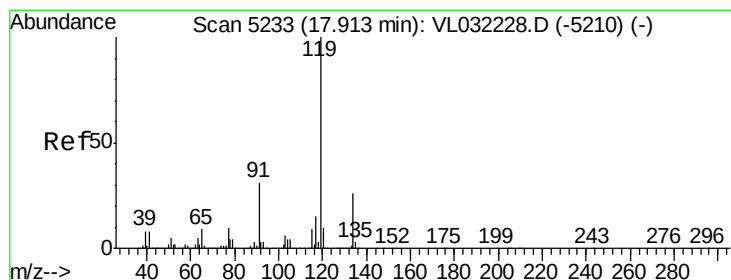
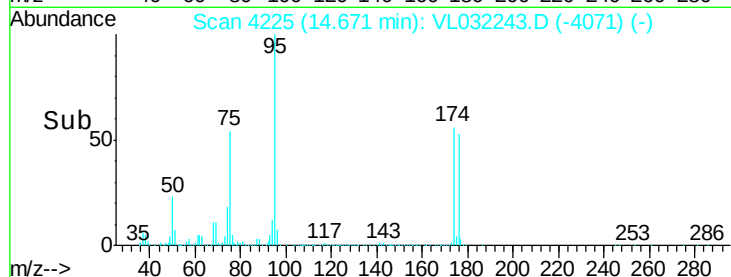
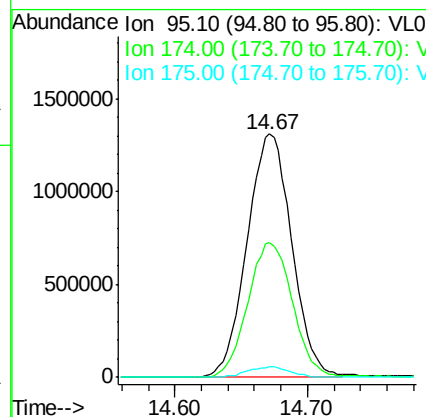
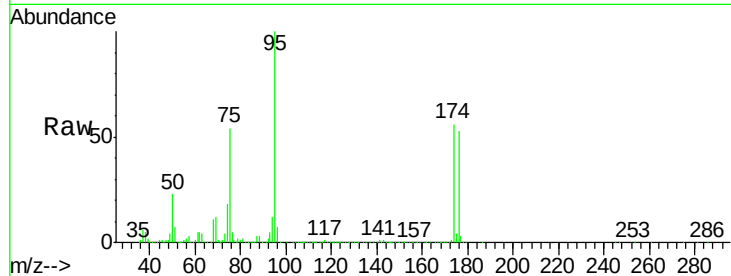
#68
1-Bromo-4-Fluorobenzene
Concen: 9.65 ppbv
RT: 14.67 min Scan# 4225
Delta R.T. -0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion: 95 Resp: 3070456
Ion Ratio Lower Upper
95 100
174 55.7 44.6 67.0
175 4.3 3.3 4.9

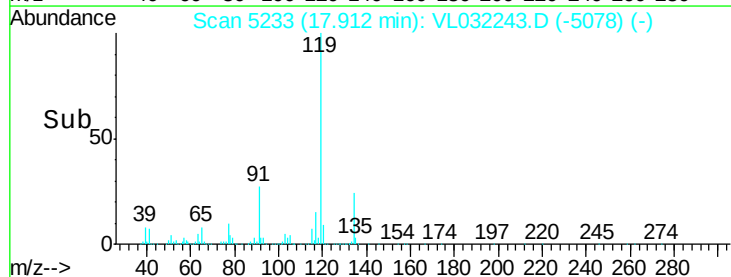
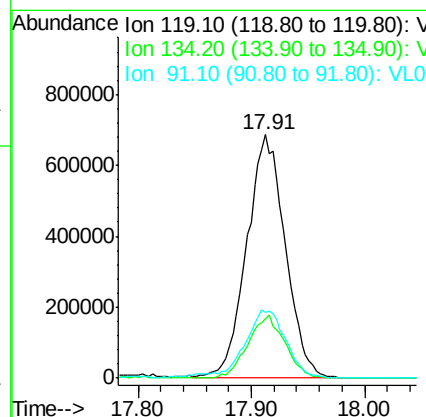
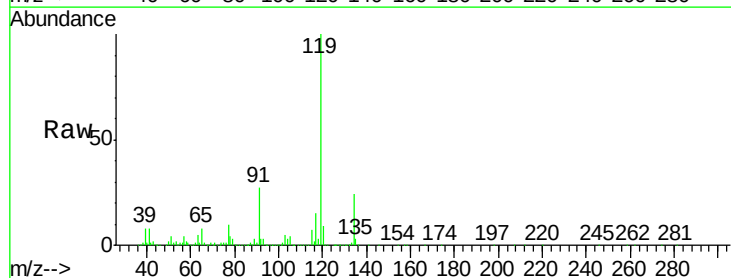
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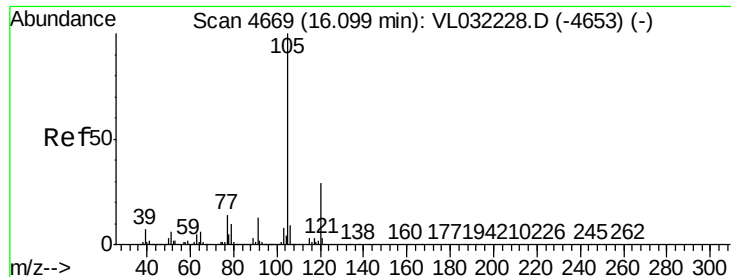
MMDadoda
7/13/2018 5:22:26 PM



#69
p-Isopropyltoluene
Concen: 2.48 ppbv
RT: 17.91 min Scan# 5233
Delta R.T. -0.00 min
Lab File: VL032243.D
Acq: 13 Jul 2018 8:57

Tgt Ion: 119 Resp: 1612877
Ion Ratio Lower Upper
119 100
134 24.9 20.1 30.1
91 30.1 24.2 36.2





#72

4-Ethyltoluene

Concen: 0.47 ppbv

RT: 16.09 min Scan# 4667

Delta R.T. -0.01 min

Lab File: VL032243.D

Acq: 13 Jul 2018 8:57

Instrument :

MSVOA_L

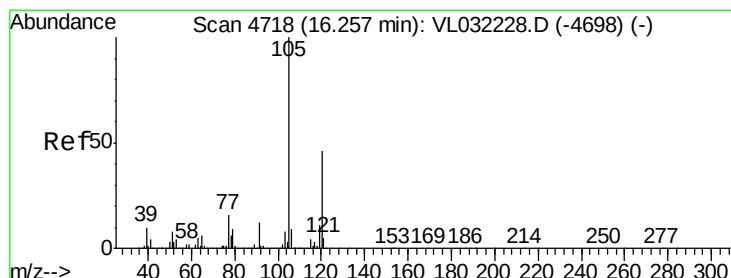
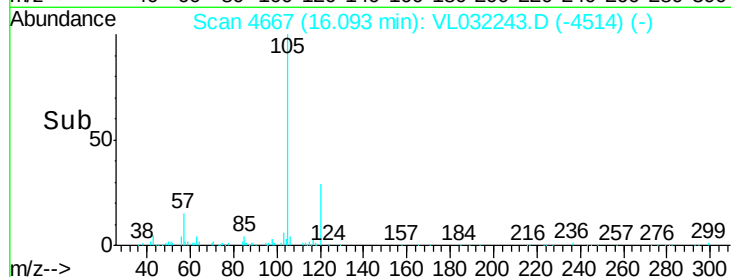
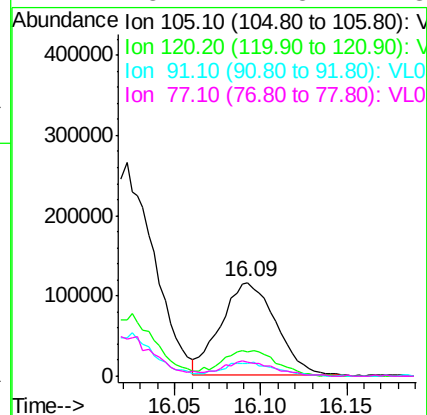
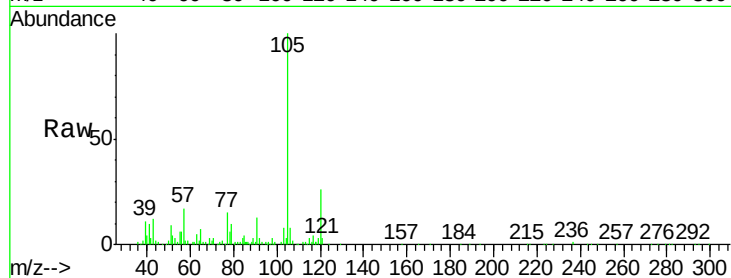
ClientSampleId :

EFFLUENTDUP

Tot Ion:	105	Resp:	258440
Ion Ratio	Lower	Upper	
105	100		
120	28.1	23.3	34.9
91	13.9	10.3	15.5
77	15.7	11.5	17.3

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#73

1,3,5-Trimethylbenzene

Concen: 0.42 ppbv

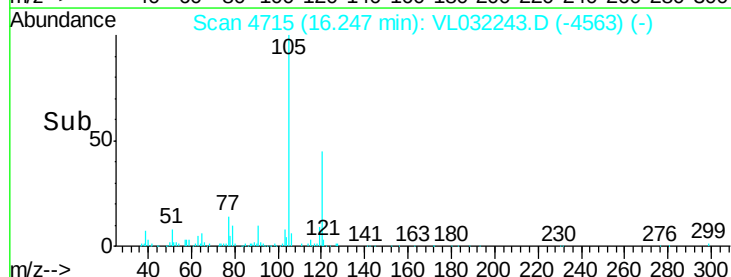
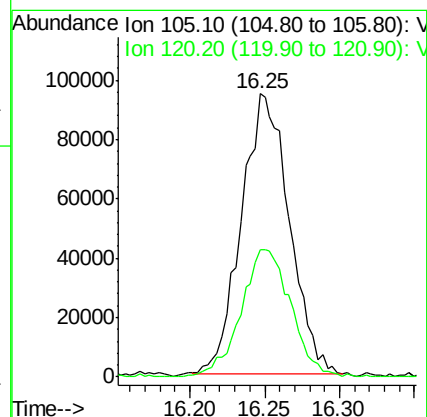
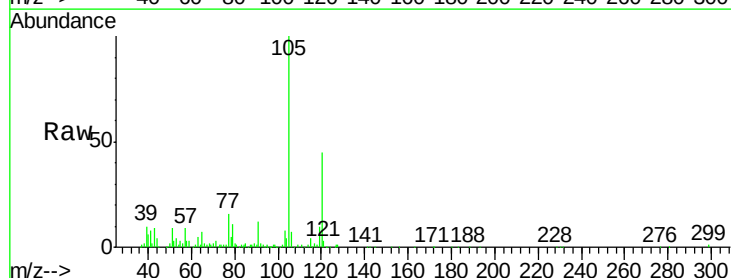
RT: 16.25 min Scan# 4715

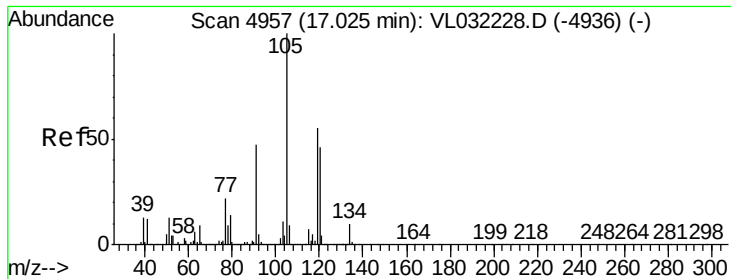
Delta R.T. -0.01 min

Lab File: VL032243.D

Acq: 13 Jul 2018 8:57

Tgt Ion:	105	Resp:	211313
Ion Ratio	Lower	Upper	
105	100		
120	45.0	36.6	54.8





#74

1,2,4-Trimethylbenzene

Concen: 1.67 ppbv

RT: 17.02 min Scan# 4955

Delta R.T. -0.01 min

Lab File: VL032243.D

Acq: 13 Jul 2018 8:57

Instrument :

MSVOA_L

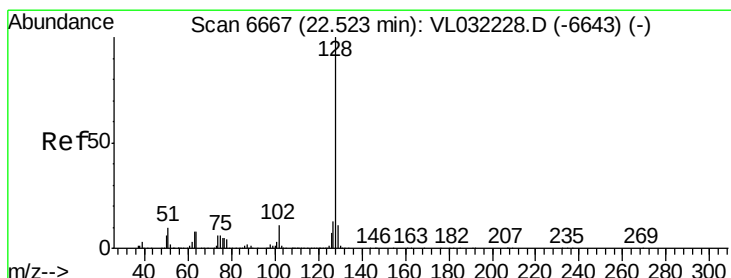
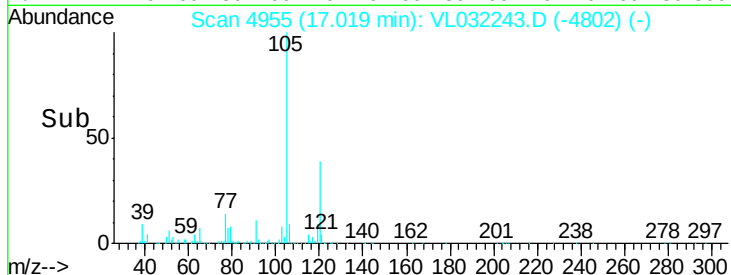
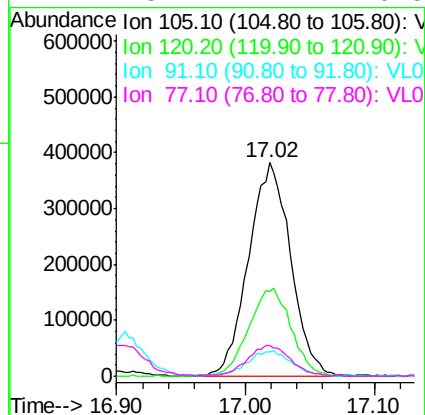
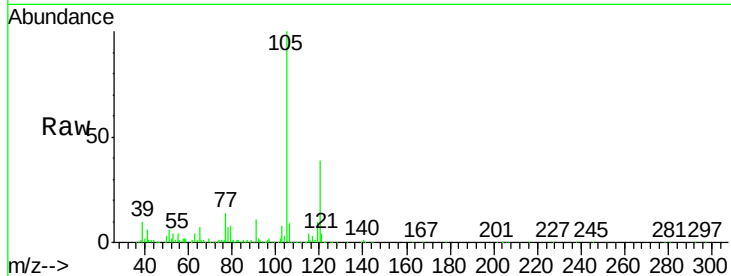
ClientSampleId :

EFFLUENTDUP

Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	39.3	37.0	55.4
91	11.0	38.2	57.2#
77	13.7	17.7	26.5#

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#79

Naphthalene

Concen: 0.20 ppbv m

RT: 22.53 min Scan# 6668

Delta R.T. 0.00 min

Lab File: VL032243.D

Acq: 13 Jul 2018 8:57

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
127	14.7	10.0	15.0
129	12.9	9.0	13.4

