

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
 Data File : VL032256.D
 Acq On : 13 Jul 2018 22:08
 Operator : SY/AP
 Sample : J3753-01DUP
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Manual Integrations
 APPROVED

apatel
 7/16/2018 8:08:43 AM

Quant Time: Jul 14 04:14:04 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	5.84	49	1514705	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	3441808	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3942952	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3044221	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.13	85	75890	0.348	ppbv	92
3) Chlorodifluoromethane	3.07	51	80317m	0.432	ppbv	
4) Chloromethane	3.22	50	33170	0.313	ppbv	98
7) Chloroethane	3.66	64	80707	2.246	ppbv	97
9) Propene	3.09	41	108689	1.370	ppbv	96
10) Heptane	8.33	43	149993	0.666	ppbv	95
11) Trichlorofluoromethane	4.07	101	88614	0.425	ppbv	89
12) 1,1,2-Trichlorotrifluoroet	4.62	101	196821	1.477	ppbv	99
13) Ethanol	3.74	45	7365240	321.580	ppbv	96
15) Acetone	3.96	43	5559597	31.630	ppbv	100
17) tert-Butyl alcohol	4.46	59	697391	8.498	ppbv	99
18) 1,1-Dichloroethene	4.42	96	70333	1.134	ppbv	92
19) Isopropyl Alcohol	4.12	45	4382834	37.975	ppbv #	99
20) Methylene Chloride	4.48	84	769661	12.921	ppbv	96
22) trans-1,2-Dichloroethene	5.04	96	53316	0.903	ppbv	97
24) 1,1-Dichloroethane	5.17	63	2507463	12.216	ppbv	98
26) Hexane	5.86	57	668483	4.213	ppbv #	52
29) Chloroform	5.93	83	28708	0.117	ppbv	88
30) Cyclohexane	7.33	84	63597	0.454	ppbv	98
31) cis-1,2-Dichloroethene	5.72	61	16671m	0.105	ppbv	
32) 1,1,1-Trichloroethane	6.70	97	9374088	39.439	ppbv	98
34) 2-Butanone	5.40	43	1101251	4.696	ppbv	98
35) Carbon Tetrachloride	7.22	117	20765m	0.089	ppbv	
36) Benzene	7.09	78	159959m	0.468	ppbv	
38) Trichloroethene	8.04	130	21089	0.180	ppbv #	75
41) Tetrahydrofuran	6.24	42	75593m	0.576	ppbv	
44) 2,2,4-Trimethylpentane	8.08	57	1111073	1.889	ppbv	95
50) 4-Methyl-2-Pentanone	8.97	43	158101	0.390	ppbv	98
52) Tetrachloroethene	11.47	164	15621	0.124	ppbv #	83
53) Toluene	10.04	91	1493178	3.692	ppbv	98
58) Ethyl Benzene	12.96	91	420885	0.733	ppbv #	89
59) m/p-Xylene	13.22	91	1244856	2.635	ppbv	99
60) o-Xylene	13.94	91	478923	1.027	ppbv	99
61) Styrene	13.77	104	29999m	0.086	ppbv	
69) p-Isopropyltoluene	17.91	119	2040679	3.276	ppbv	100
72) 4-Ethyltoluene	16.09	105	165700	0.317	ppbv #	98
73) 1,3,5-Trimethylbenzene	16.25	105	140395	0.289	ppbv	91
74) 1,2,4-Trimethylbenzene	17.02	105	445439	0.896	ppbv #	72
75) 1,3-Dichlorobenzene	17.27	146	384164	1.295	ppbv #	46

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Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

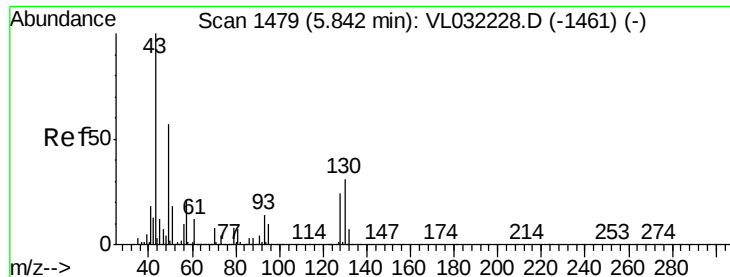
Manual Integrations
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7/16/2018 8:08:43 AM

Quant Time: Jul 14 04:14:04 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



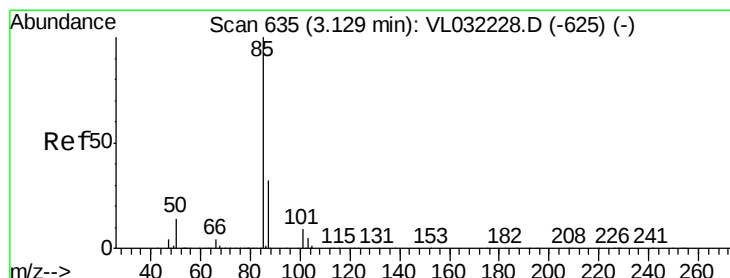
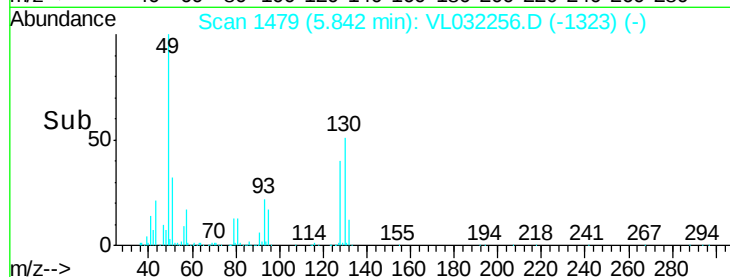
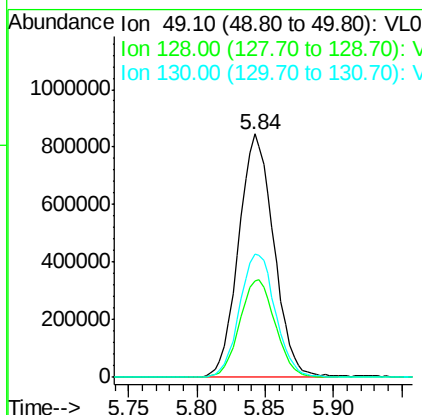
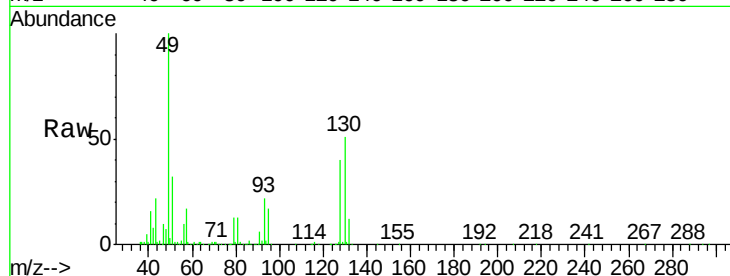
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.84 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VL032256.D
 Acq: 13 Jul 2018 22:08

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Tgt Ion: 49 Resp: 1514705
 Ion Ratio Lower Upper
 49 100
 128 40.7 20.9 62.8
 130 52.0 27.0 81.0

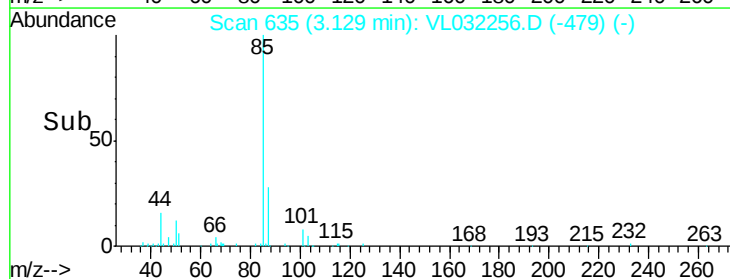
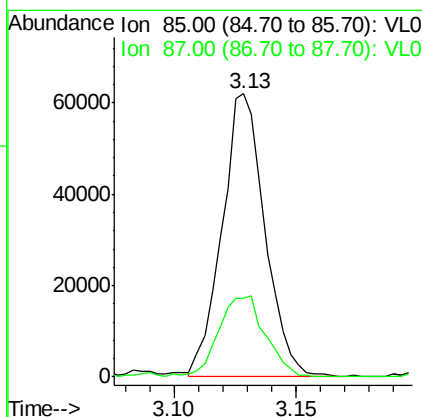
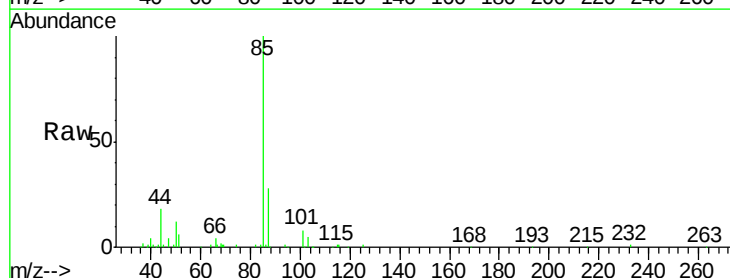
Manual Integrations
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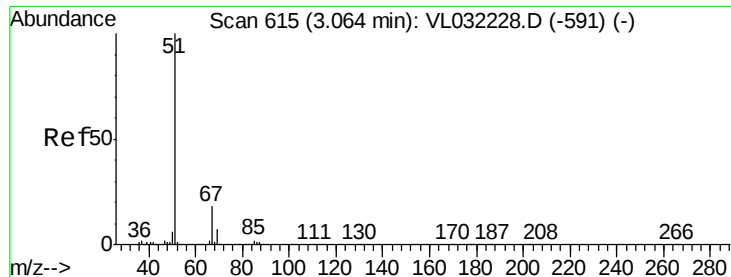
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#2
 Dichlorodifluoromethane
 Concen: 0.348 ppbv
 RT: 3.13 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: VL032256.D
 Acq: 13 Jul 2018 22:08

Tgt Ion: 85 Resp: 75890
 Ion Ratio Lower Upper
 85 100
 87 27.6 25.8 38.6





#3

Chlorodifluoromethane

Concen: 0.432 ppbv

RT: 3.07 min Scan# 616

Delta R.T. 0.00 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDUP

Tgt Ion: 51 Resp: 80317

Ion Ratio Lower Upper

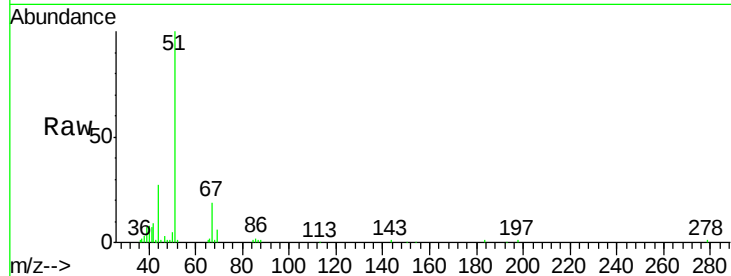
51 100

67 18.1 14.6 22.0

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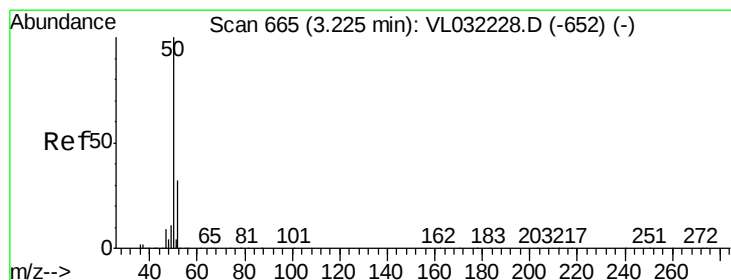
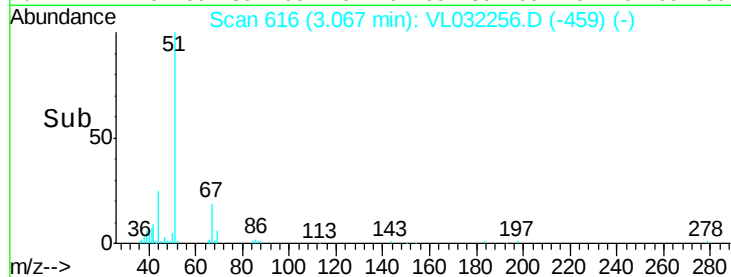
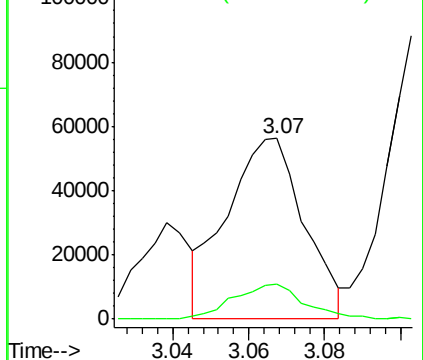
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.313 ppbv

RT: 3.22 min Scan# 664

Delta R.T. -0.00 min

Lab File: VL032256.D

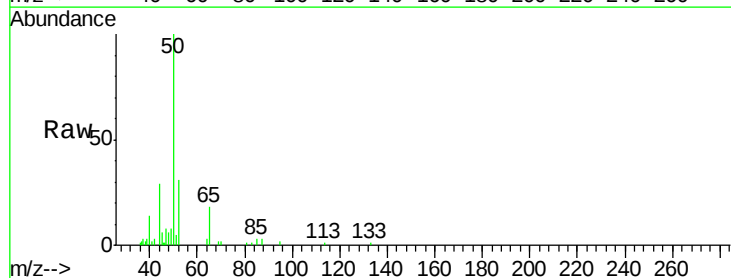
Acq: 13 Jul 2018 22:08

Tgt Ion: 50 Resp: 33170

Ion Ratio Lower Upper

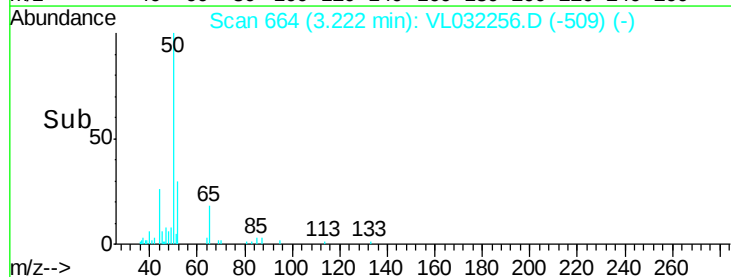
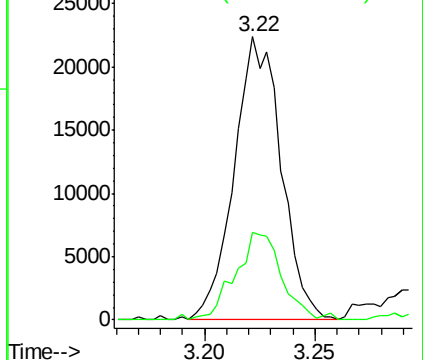
50 100

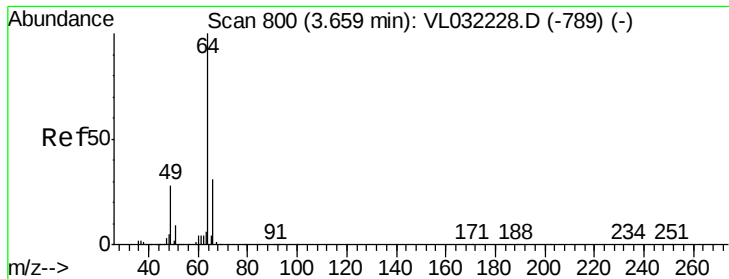
52 31.1 25.7 38.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 2.246 ppbv

RT: 3.66 min Scan# 800

Delta R.T. 0.00 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDUP

Tgt Ion: 64 Resp: 80707

Ion Ratio Lower Upper

64 100

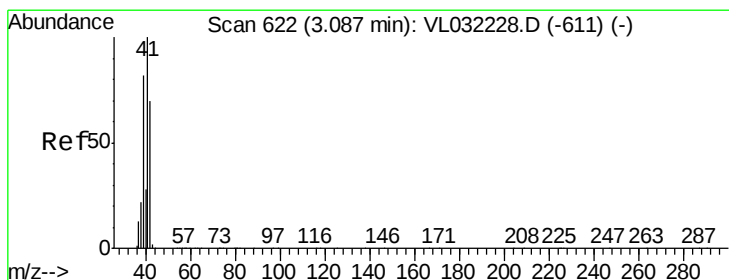
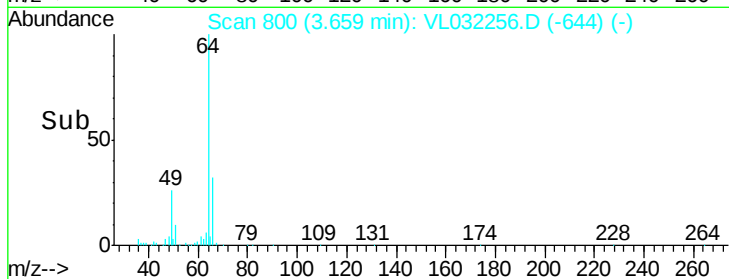
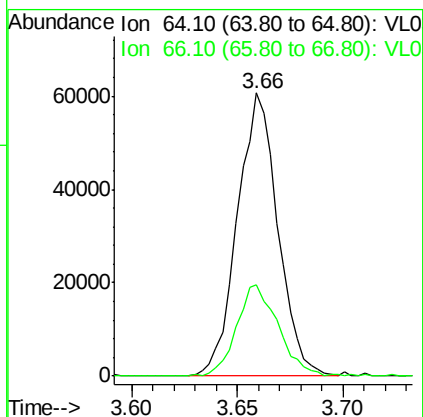
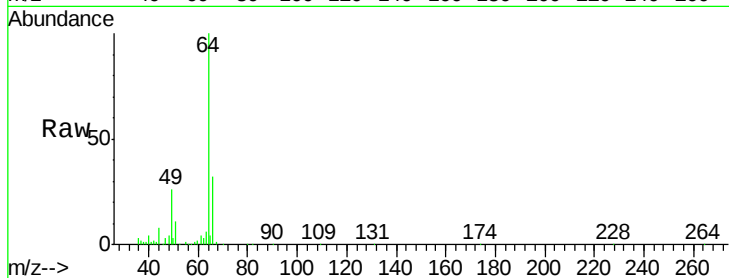
66 32.1 24.4 36.6

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#9

Propene

Concen: 1.370 ppbv

RT: 3.09 min Scan# 623

Delta R.T. 0.00 min

Lab File: VL032256.D

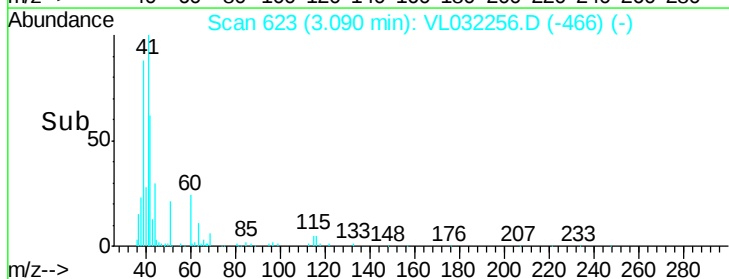
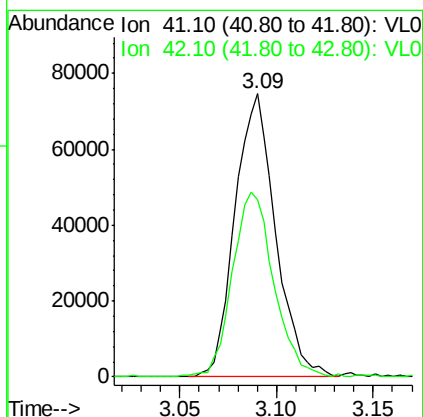
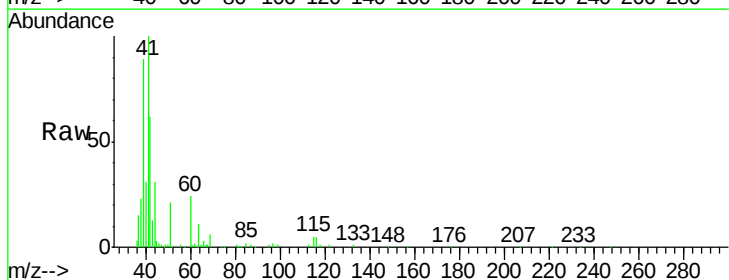
Acq: 13 Jul 2018 22:08

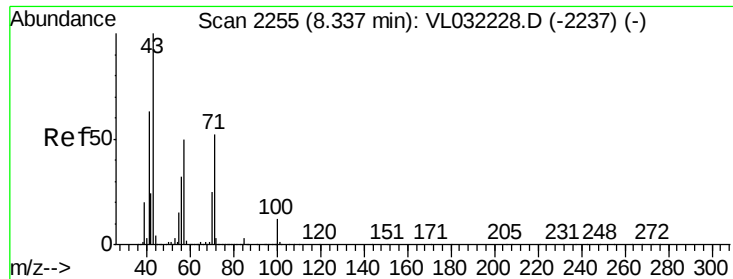
Tgt Ion: 41 Resp: 108689

Ion Ratio Lower Upper

41 100

42 66.6 56.2 84.4





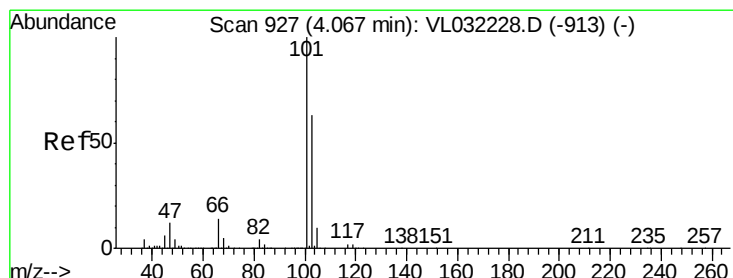
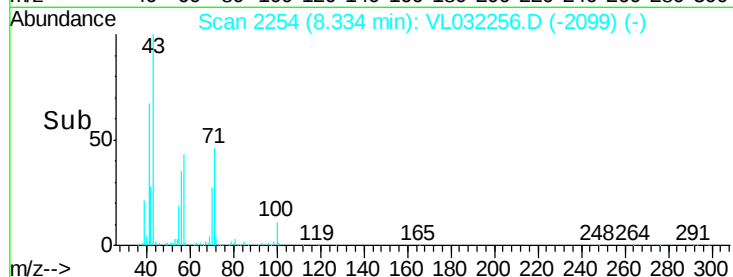
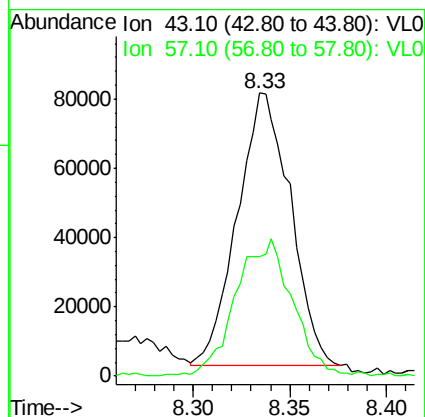
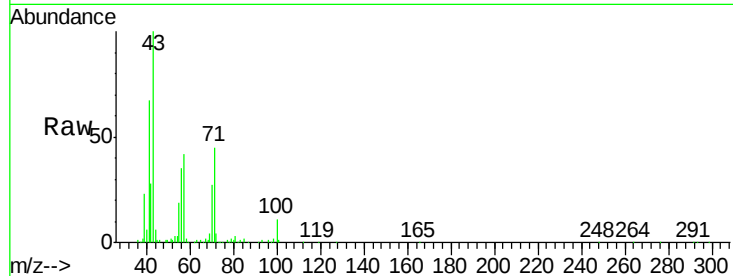
#10
 Heptane
 Concen: 0.666 ppbv
 RT: 8.33 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VL032256.D
 Acq: 13 Jul 2018 22:08

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Tgt Ion: 43 Resp: 149993
 Ion Ratio Lower Upper
 43 100
 57 54.5 40.7 61.1

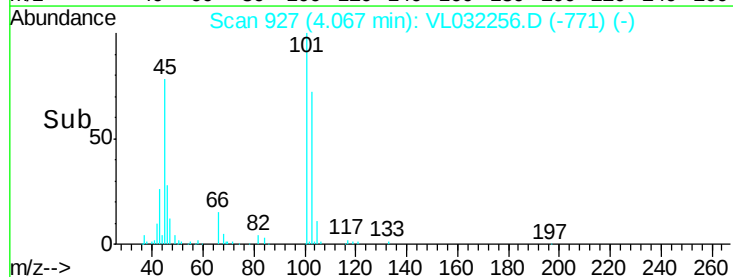
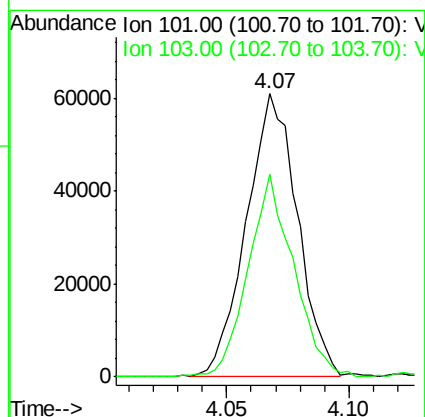
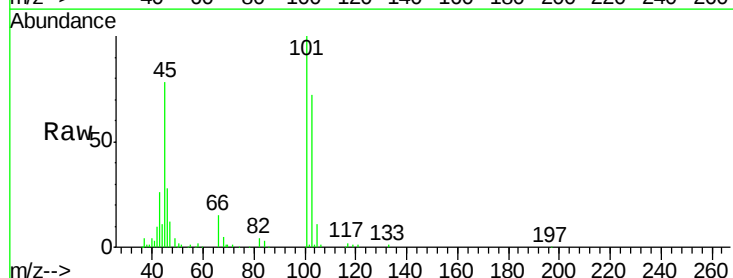
Manual Integrations
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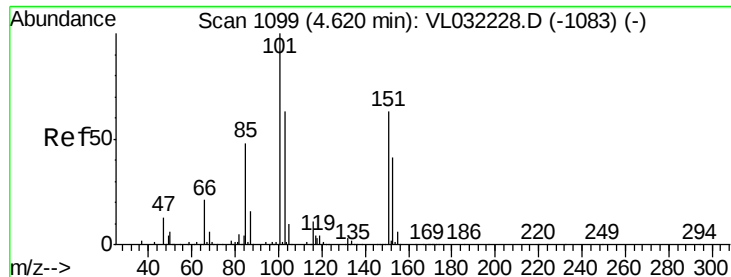
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#11
 Trichlorofluoromethane
 Concen: 0.425 ppbv
 RT: 4.07 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: VL032256.D
 Acq: 13 Jul 2018 22:08

Tgt Ion: 101 Resp: 88614
 Ion Ratio Lower Upper
 101 100
 103 71.2 50.2 75.2





#12

1,1,2-Trichlorotrifluoroethane

Concen: 1.477 ppbv

RT: 4.62 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Instrument :

MSVOA_L

ClientSampled :

EFFLUENTDUP

Tgt Ion: 101 Resp: 196821

Ion Ratio Lower Upper

101 100

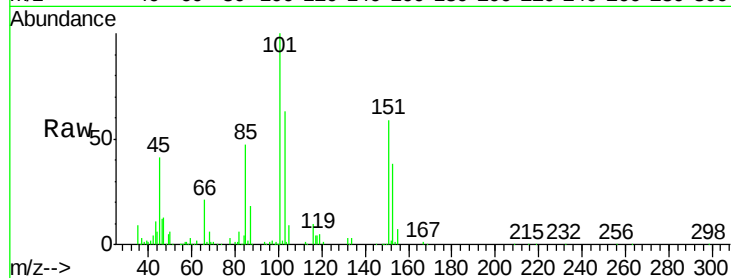
151 64.7 52.2 78.2

Manual Integrations

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

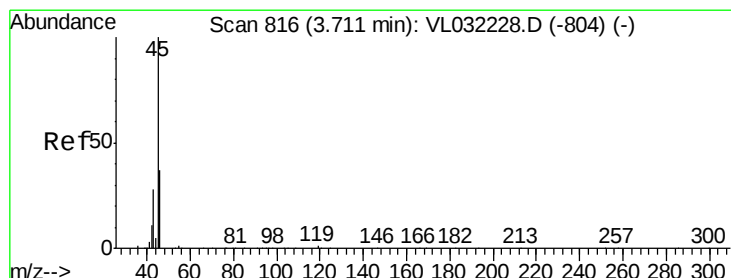
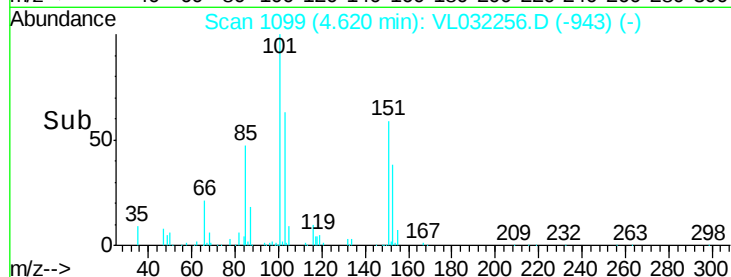
4.62

100000

50000

0

Time-->



#13

Ethanol

Concen: 321.580 ppbv

RT: 3.74 min Scan# 826

Delta R.T. 0.03 min

Lab File: VL032256.D

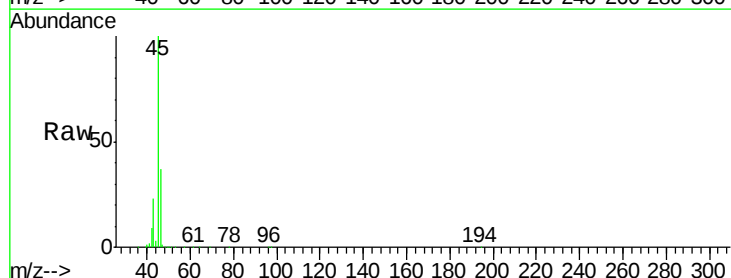
Acq: 13 Jul 2018 22:08

Tgt Ion: 45 Resp: 7365240

Ion Ratio Lower Upper

45 100

46 36.6 15.5 61.9



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

3.74

2500000

2000000

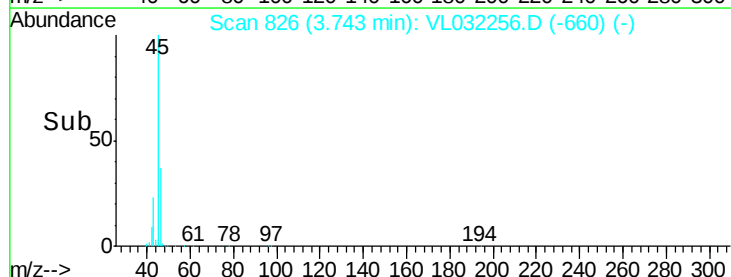
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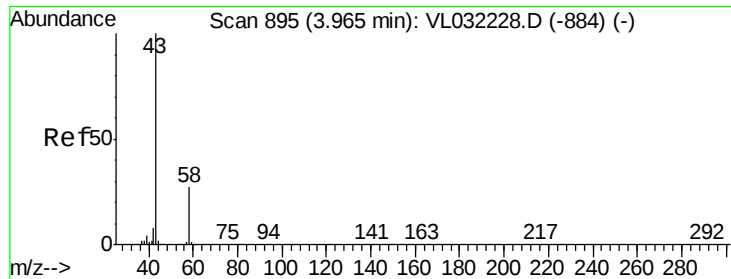
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500000

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Time-->





#15

Acetone

Concen: 31.630 ppbv

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDUP

Tgt Ion: 43 Resp: 5559597

Ion Ratio Lower Upper

43 100

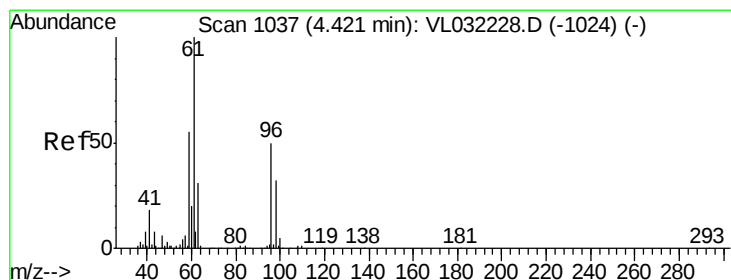
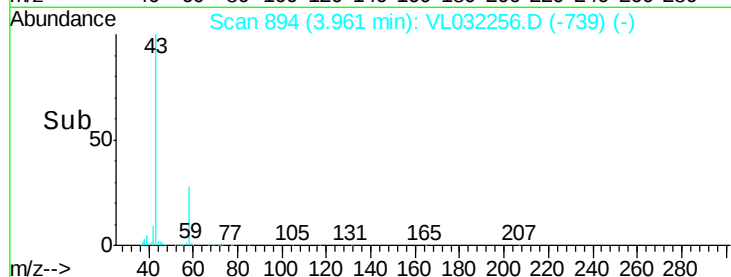
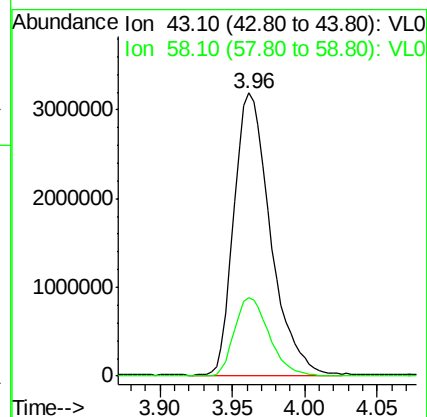
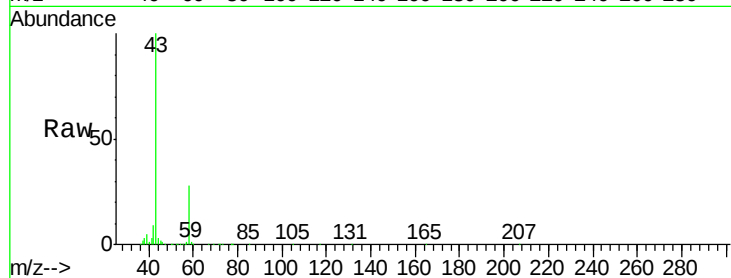
58 26.8 21.5 32.3

Manual Integrations

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#17

tert-Butyl alcohol

Concen: 8.498 ppbv

RT: 4.46 min Scan# 1049

Delta R.T. 0.04 min

Lab File: VL032256.D

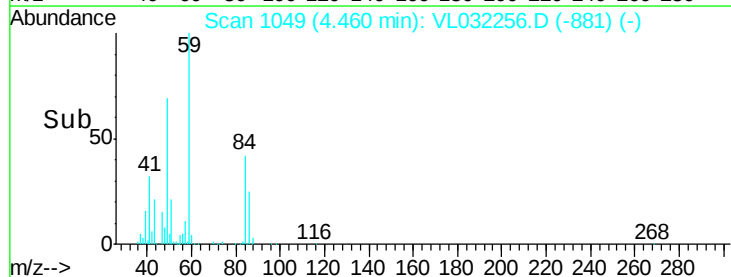
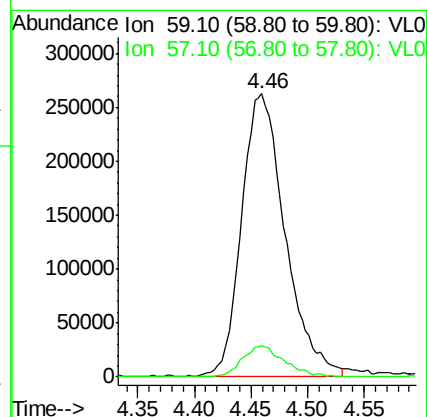
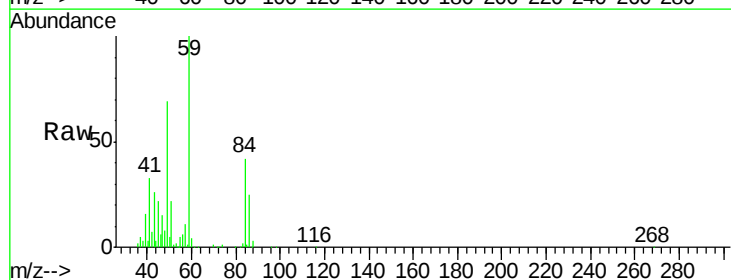
Acq: 13 Jul 2018 22:08

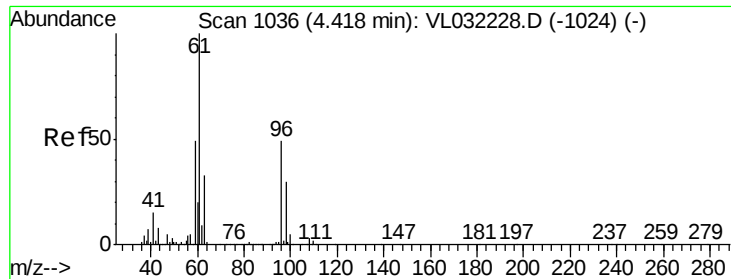
Tgt Ion: 59 Resp: 697391

Ion Ratio Lower Upper

59 100

57 10.9 8.4 12.6





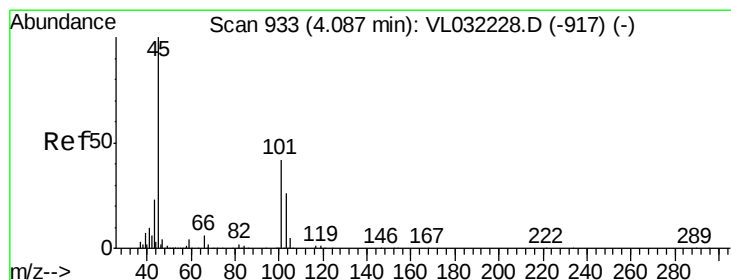
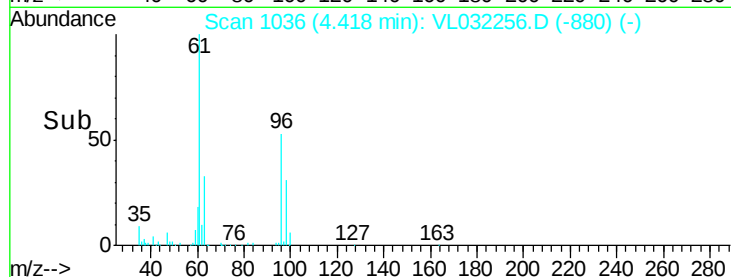
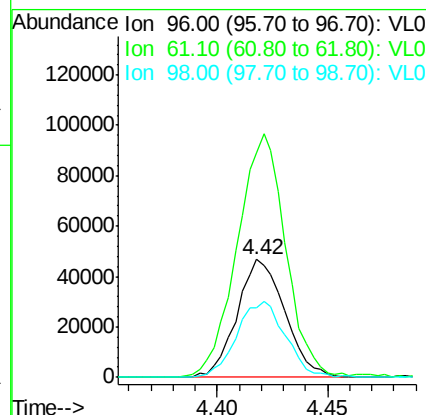
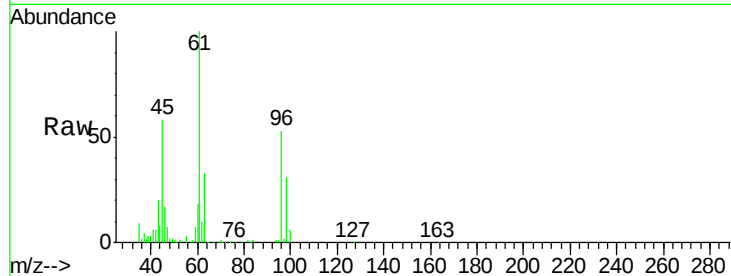
#18
 1,1-Dichloroethene
 Concen: 1.134 ppbv
 RT: 4.42 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VL032256.D
 Acq: 13 Jul 2018 22:08

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Tgt Ion	Ratio	Lower	Upper
96	100		
61	188.2	163.0	244.4
98	58.4	48.5	72.7

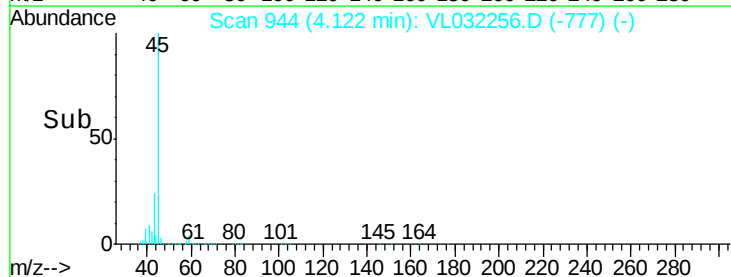
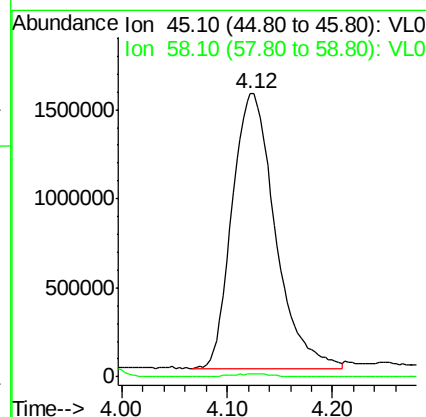
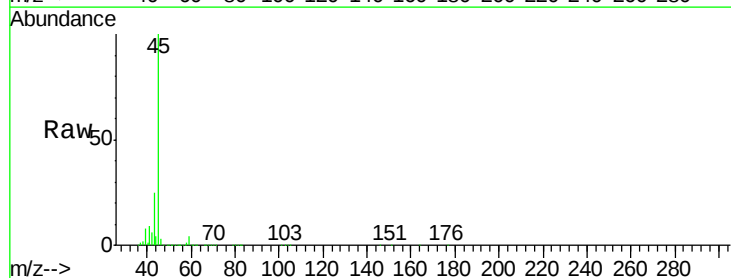
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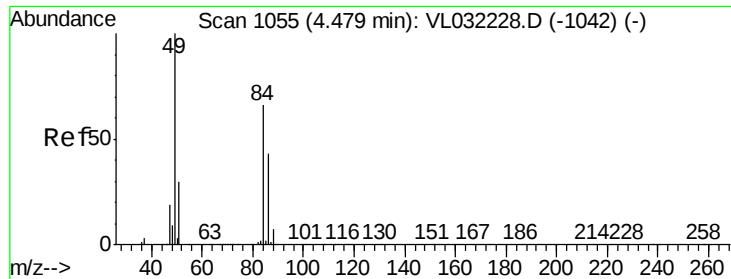
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#19
 Isopropyl Alcohol
 Concen: 37.975 ppbv
 RT: 4.12 min Scan# 944
 Delta R.T. 0.04 min
 Lab File: VL032256.D
 Acq: 13 Jul 2018 22:08

Tgt Ion	Ratio	Lower	Upper
45	100		
58	1.1	1.3	1.9#





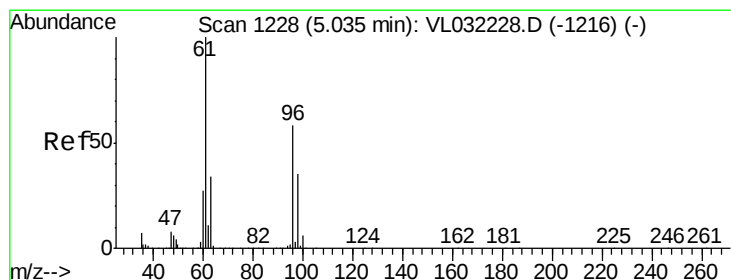
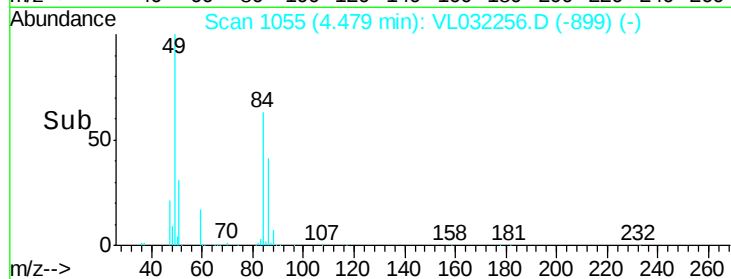
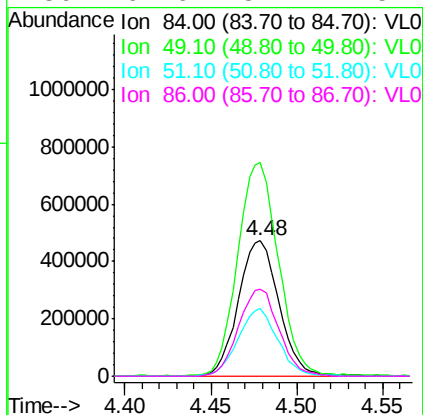
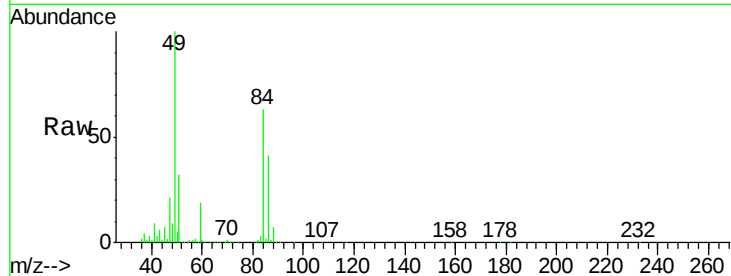
#20
Methylene Chloride
Concen: 12.921 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VL032256.D
Acq: 13 Jul 2018 22:08

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tgt Ion	Ratio	Lower	Upper
84	100		
49	157.7	121.8	182.6
51	49.7	36.3	54.5
86	64.6	52.1	78.1

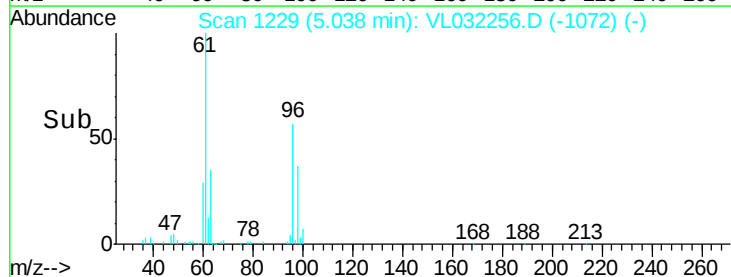
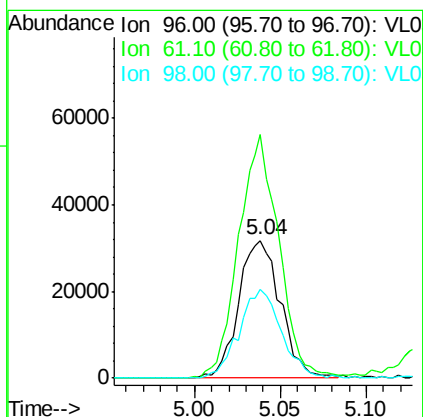
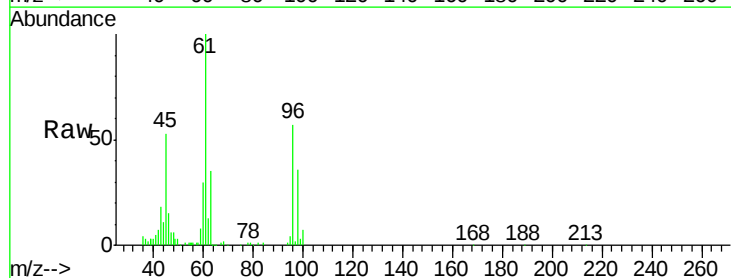
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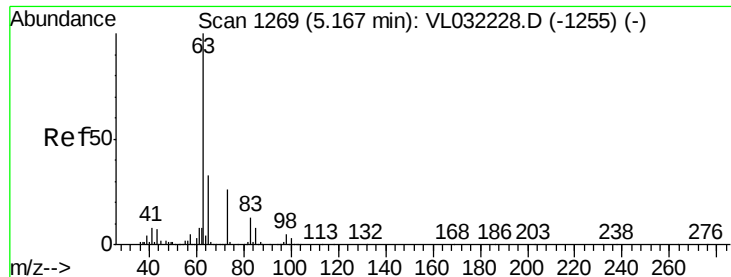
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#22
trans-1,2-Dichloroethene
Concen: 0.903 ppbv
RT: 5.04 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VL032256.D
Acq: 13 Jul 2018 22:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.7	139.1	208.7
98	64.4	48.4	72.6





#24

1,1-Dichloroethane

Concen: 12.216 ppbv

RT: 5.17 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Instrument :

MSVOA_L

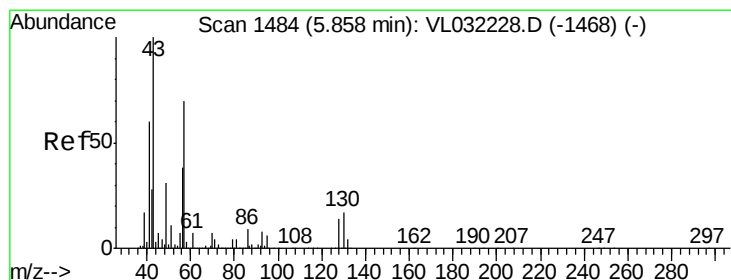
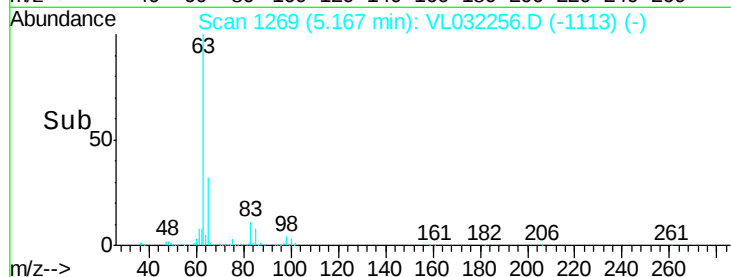
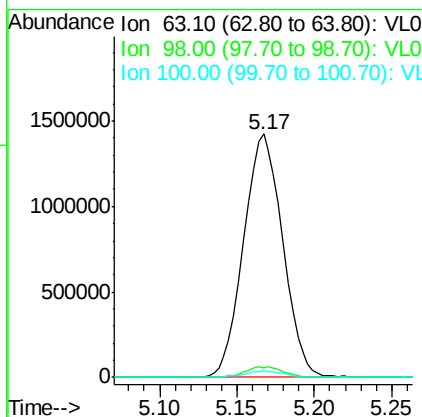
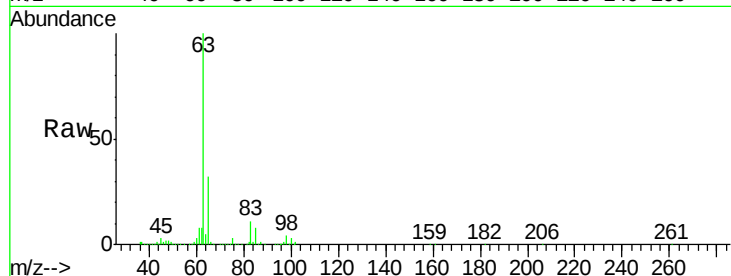
ClientSampleId :

EFFLUENTDUP

Tgt Ion:	63	Resp:	2507463
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.4	7.1
100	2.6	1.5	4.4

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#26

Hexane

Concen: 4.213 ppbv

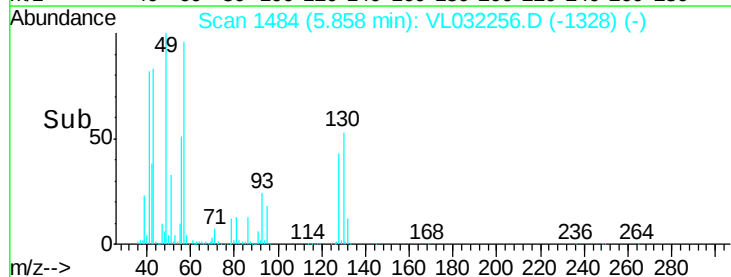
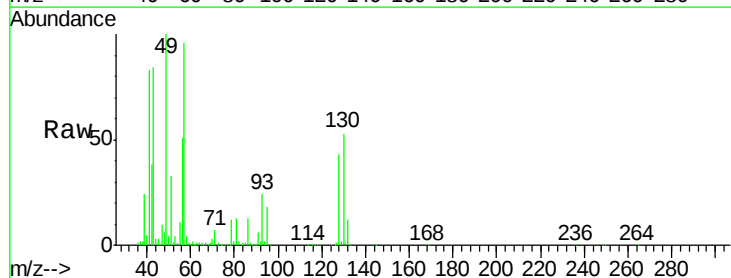
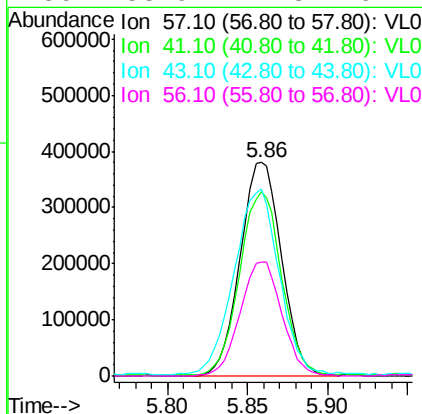
RT: 5.86 min Scan# 1484

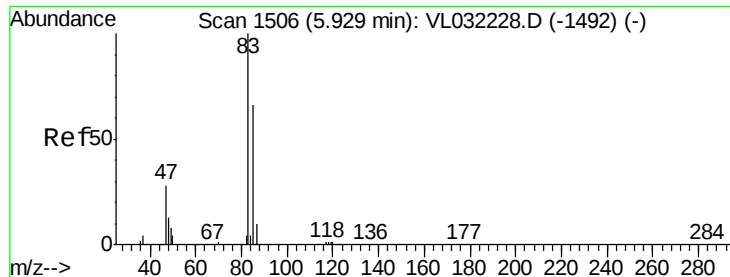
Delta R.T. 0.00 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Tgt Ion:	57	Resp:	668483
Ion	Ratio	Lower	Upper
57	100		
41	87.7	68.7	103.1
43	95.6	176.2	264.2#
56	53.9	42.8	64.2





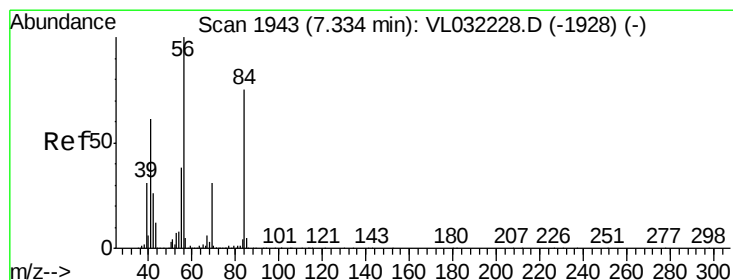
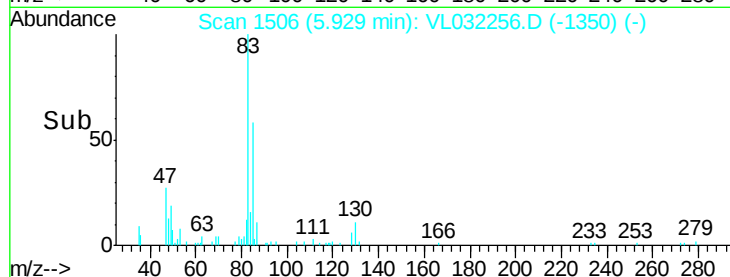
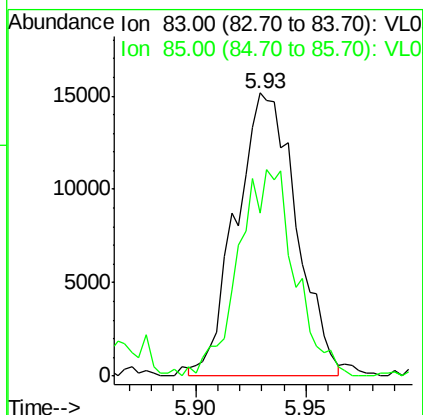
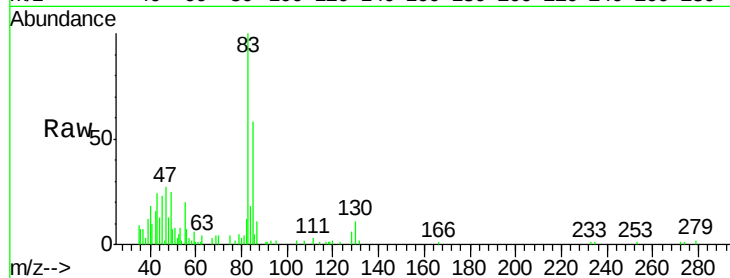
#29
Chloroform
Concen: 0.117 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. 0.00 min
Lab File: VL032256.D
Acq: 13 Jul 2018 22:08

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tgt Ion: 83 Resp: 28708
Ion Ratio Lower Upper
83 100
85 56.3 52.7 79.1

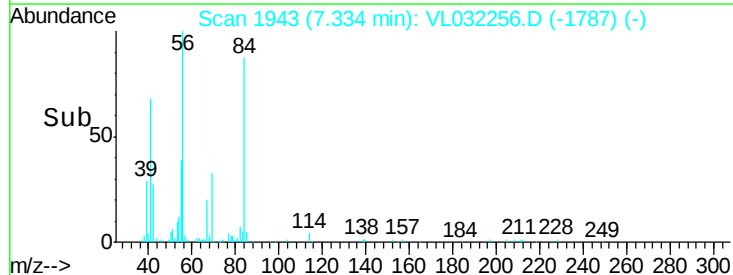
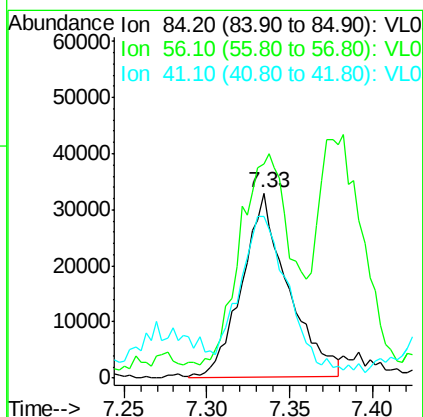
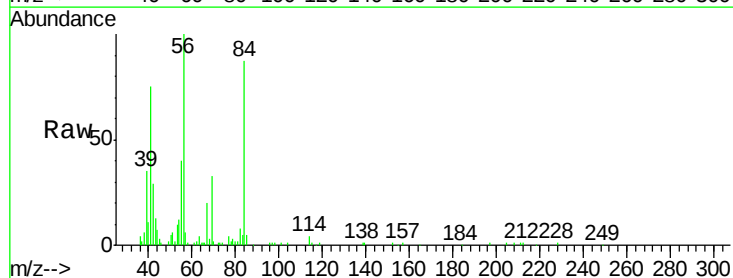
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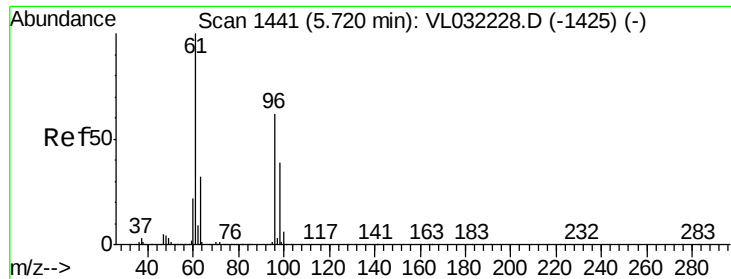
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#30
Cyclohexane
Concen: 0.454 ppbv
RT: 7.33 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VL032256.D
Acq: 13 Jul 2018 22:08

Tgt Ion: 84 Resp: 63597
Ion Ratio Lower Upper
84 100
56 141.6 112.6 168.8
41 88.7 67.0 100.6





#31

cis-1,2-Dichloroethene

Concen: 0.105 ppbv m

RT: 5.72 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Instrument :

MSVOA_L

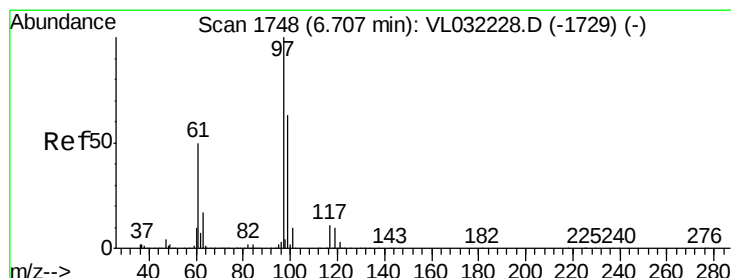
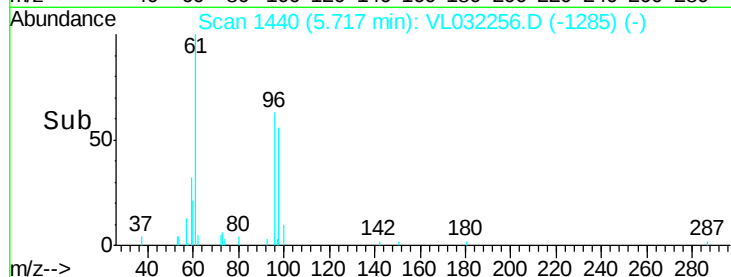
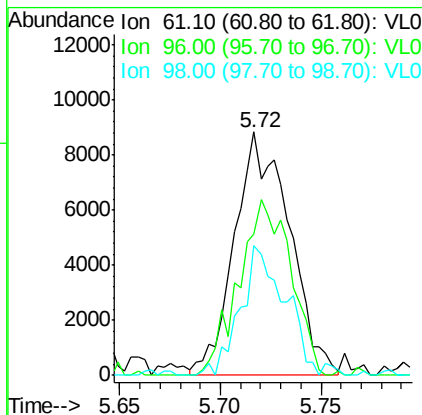
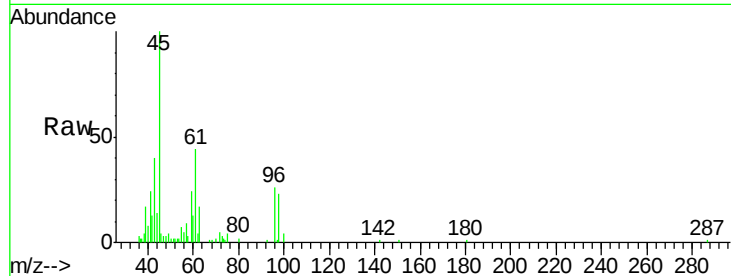
ClientSampleId :

EFFLUENTDUP

Tgt Ion:	61	Resp:	16671
Ion Ratio	Lower	Upper	
61	100		
96	57.8	49.8	74.8
98	53.0	31.4	47.2#

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#32

1,1,1-Trichloroethane

Concen: 39.439 ppbv

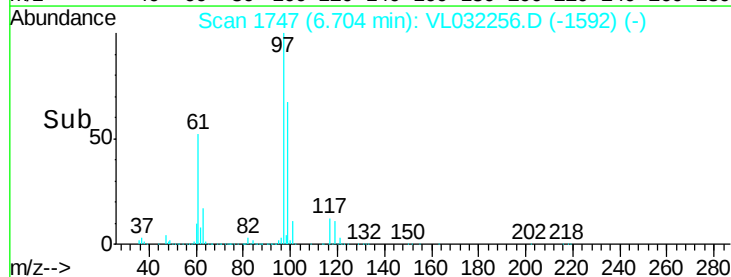
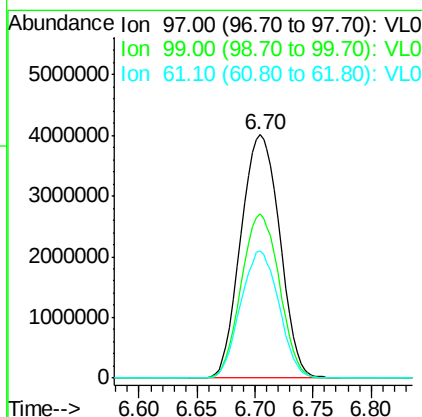
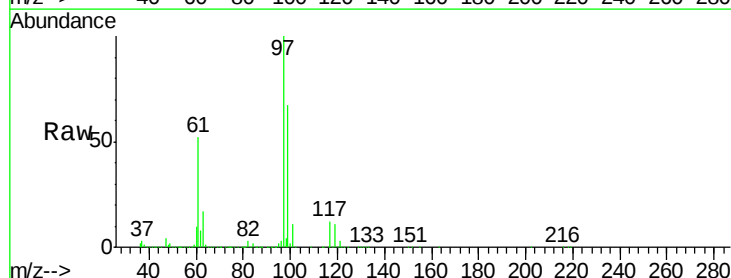
RT: 6.70 min Scan# 1747

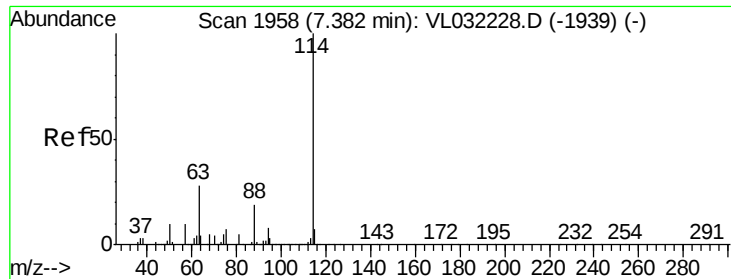
Delta R.T. -0.00 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Tgt Ion:	97	Resp:	9374088
Ion Ratio	Lower	Upper	
97	100		
99	66.1	51.2	76.8
61	51.4	41.3	61.9





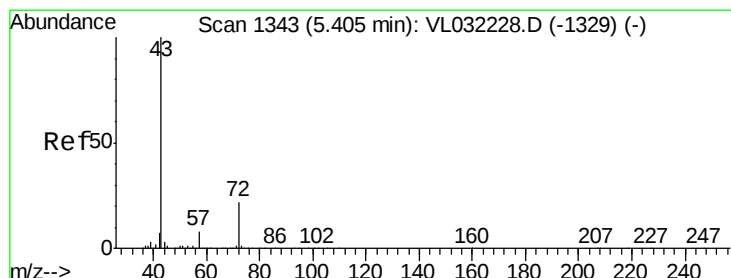
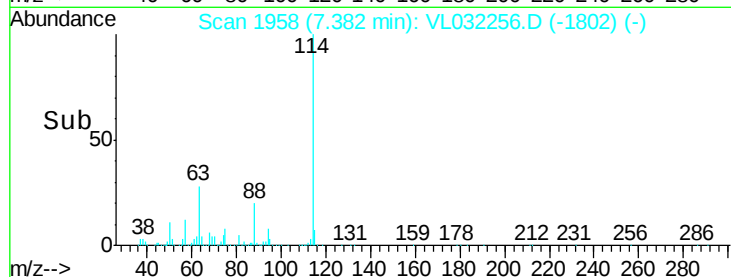
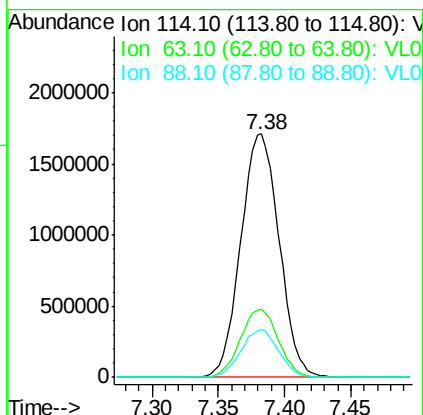
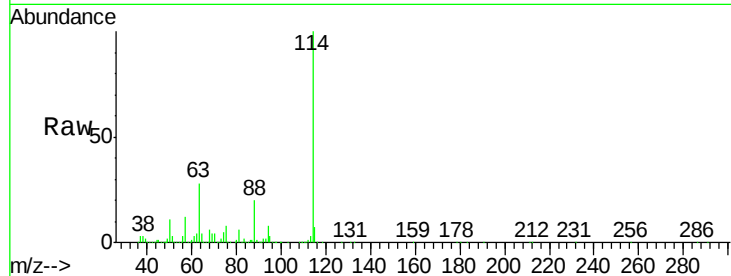
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.38 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: VL032256.D
 Acq: 13 Jul 2018 22:08

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Tgt Ion: 114 Resp: 3441808
 Ion Ratio Lower Upper
 114 100
 63 27.9 22.5 33.7
 88 19.3 15.4 23.0

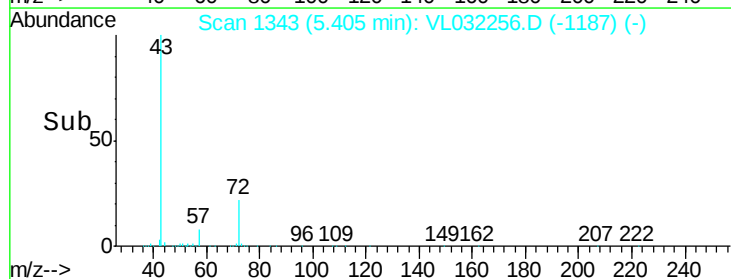
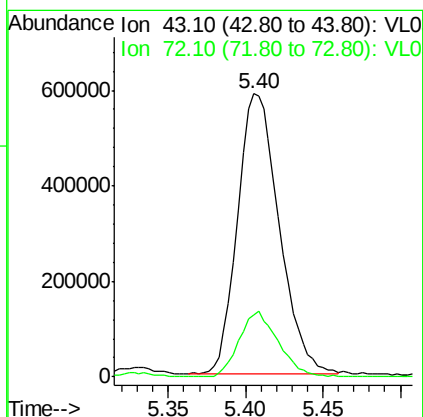
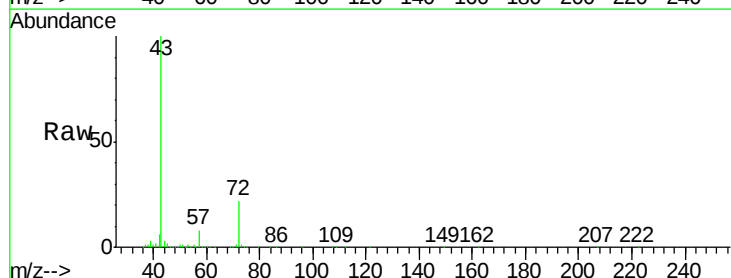
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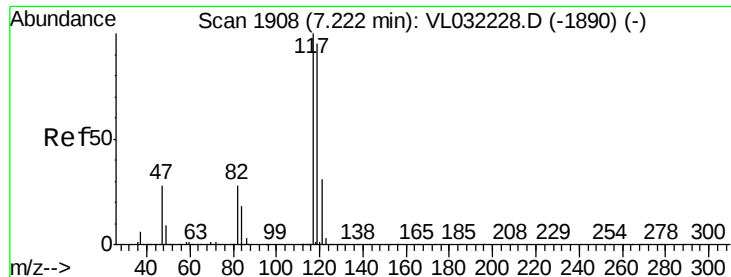
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#34
 2-Butanone
 Concen: 4.696 ppbv
 RT: 5.40 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: VL032256.D
 Acq: 13 Jul 2018 22:08

Tgt Ion: 43 Resp: 1101251
 Ion Ratio Lower Upper
 43 100
 72 21.9 18.1 27.1





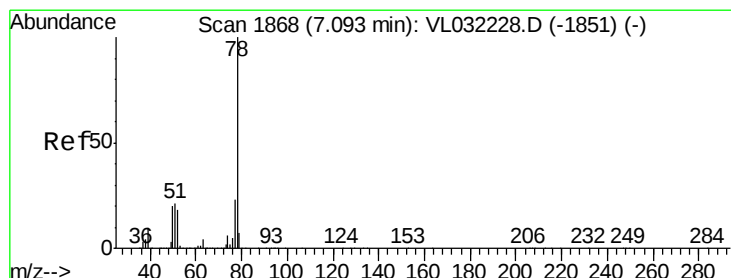
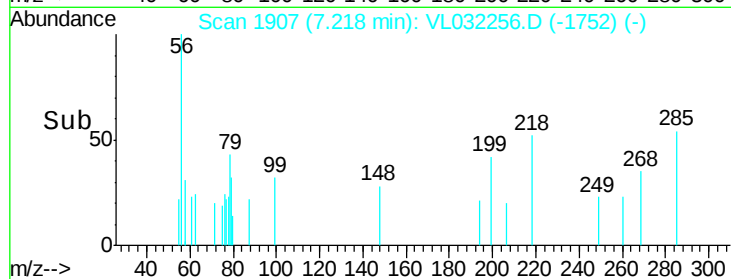
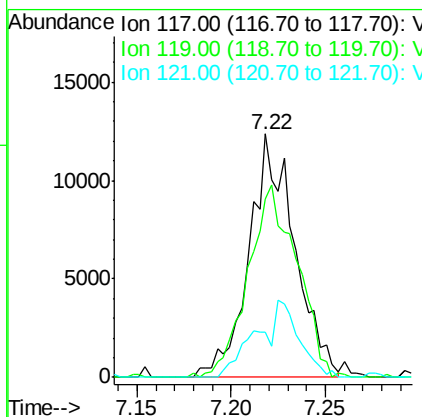
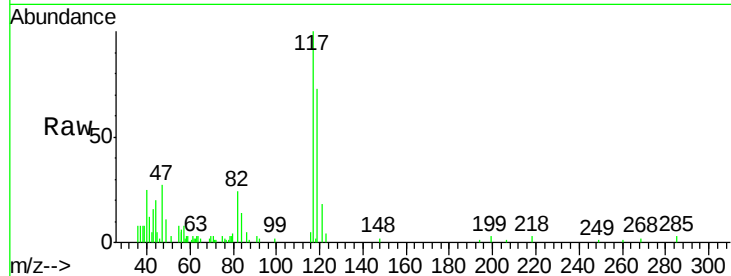
#35
Carbon Tetrachloride
Concen: 0.089 ppbv m
RT: 7.22 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VL032256.D
Acq: 13 Jul 2018 22:08

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tgt Ion	Ratio	Lower	Upper
117	100		
119	73.2	75.7	113.5#
121	18.4	24.6	37.0#

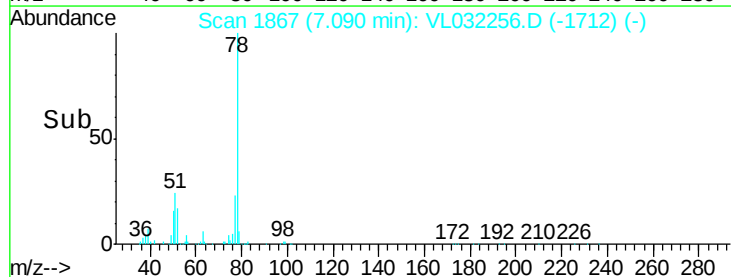
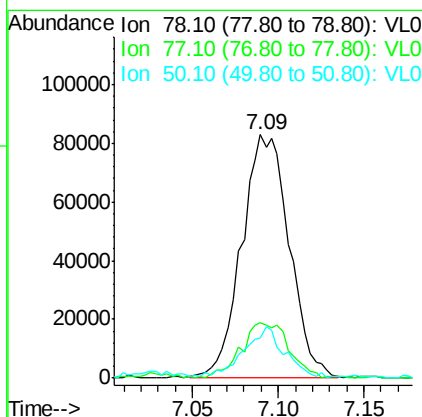
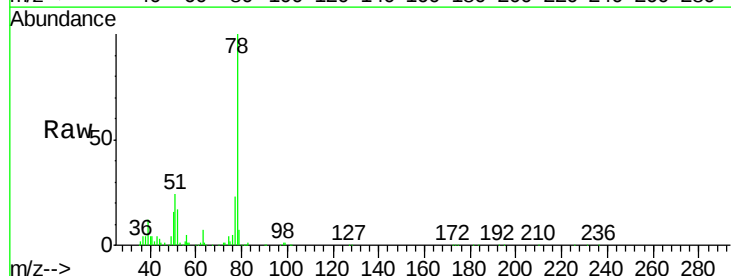
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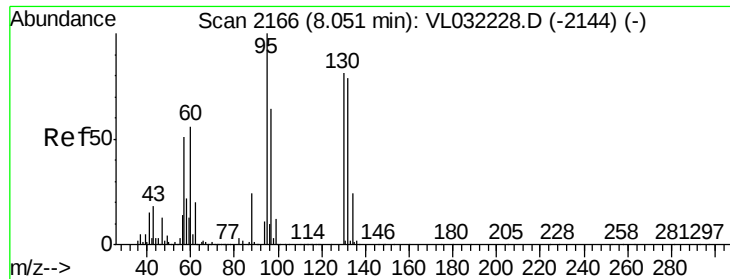
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#36
Benzene
Concen: 0.468 ppbv m
RT: 7.09 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VL032256.D
Acq: 13 Jul 2018 22:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.0	27.0
50	16.5	15.8	23.8





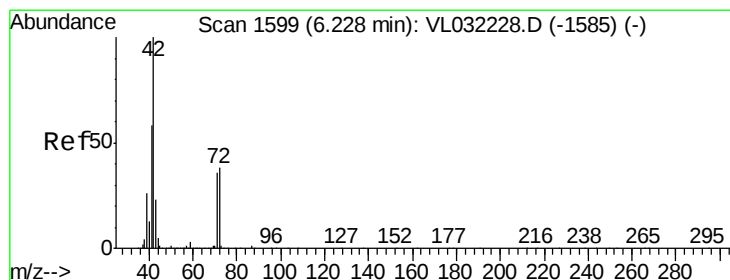
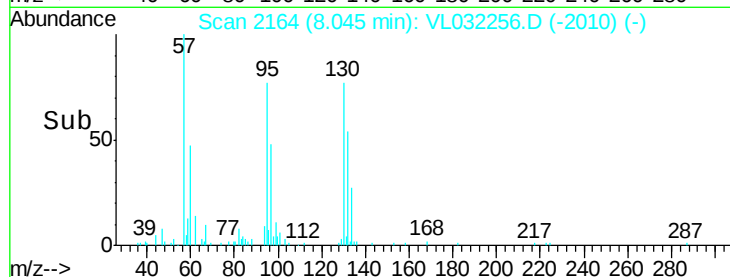
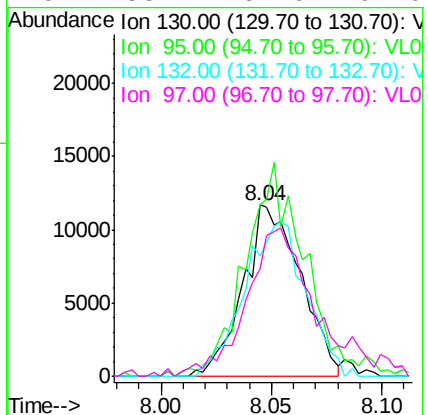
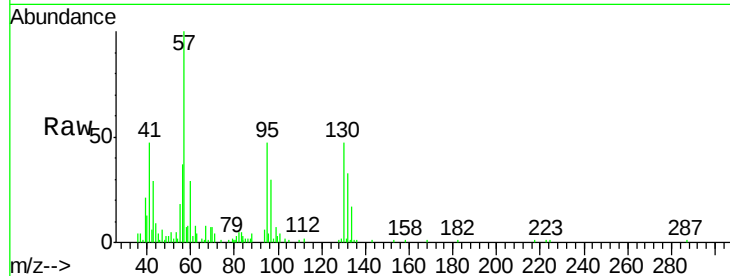
#38
 Trichloroethene
 Concen: 0.180 ppbv
 RT: 8.04 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: VL032256.D
 Acq: 13 Jul 2018 22:08

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	98.3	147.5#
132	70.6	78.1	117.1#
97	58.1	62.6	94.0#

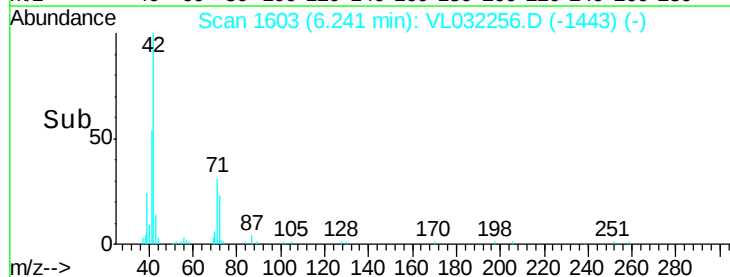
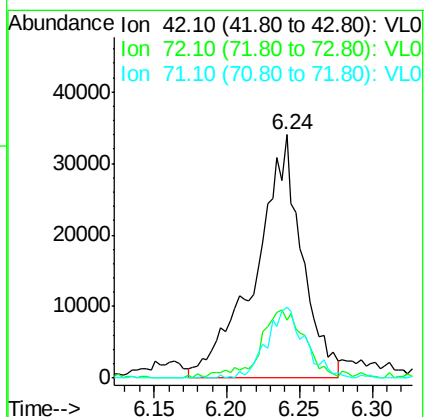
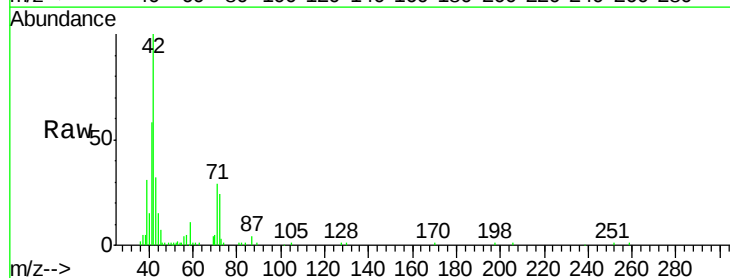
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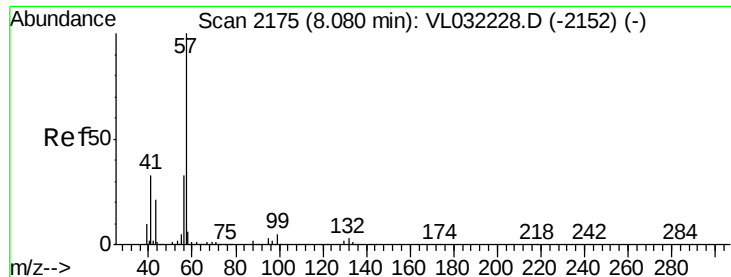
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#41
 Tetrahydrofuran
 Concen: 0.576 ppbv m
 RT: 6.24 min Scan# 1603
 Delta R.T. 0.01 min
 Lab File: VL032256.D
 Acq: 13 Jul 2018 22:08

Tgt Ion	Ratio	Lower	Upper
42	100		
72	27.9	30.6	45.8#
71	24.2	29.7	44.5#





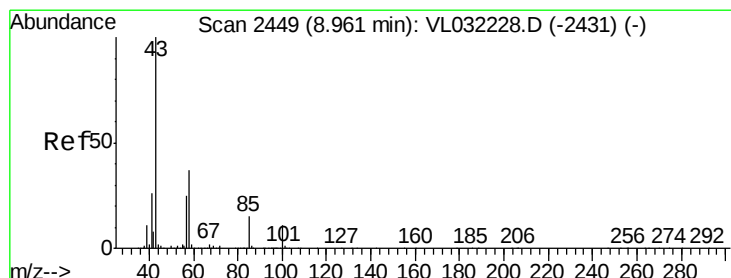
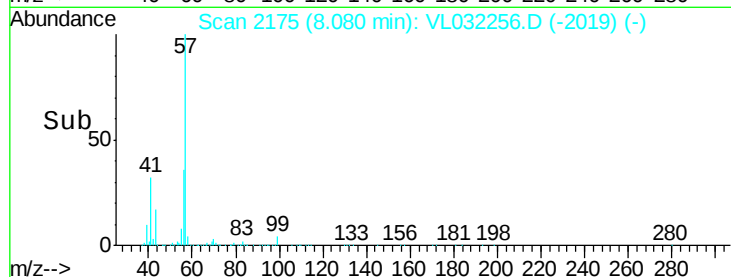
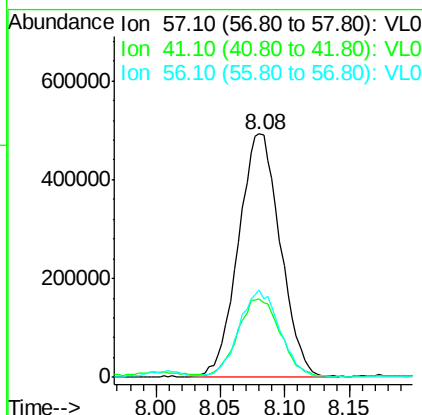
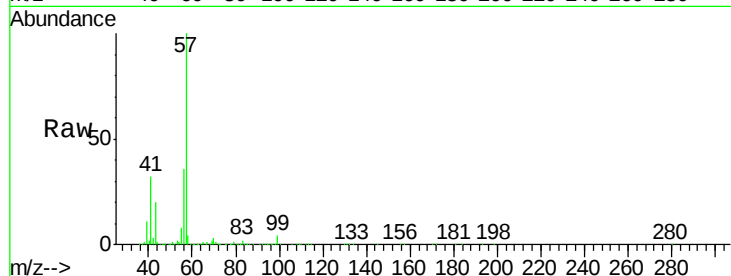
#44
 2,2,4-Trimethylpentane
 Concen: 1.889 ppbv
 RT: 8.08 min Scan# 2175
 Delta R.T. -0.00 min
 Lab File: VL032256.D
 Acq: 13 Jul 2018 22:08

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Tgt Ion: 57 Resp: 1111073
 Ion Ratio Lower Upper
 57 100
 41 32.8 24.7 37.1
 56 35.2 25.4 38.0

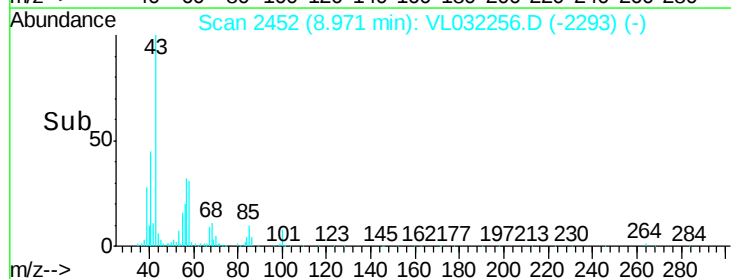
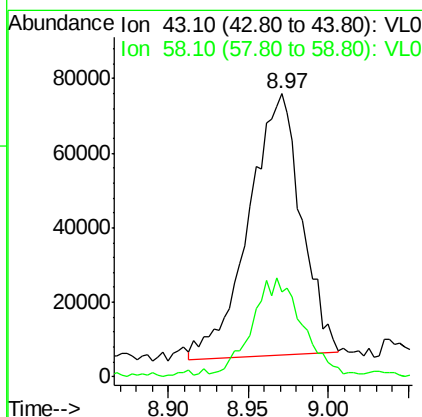
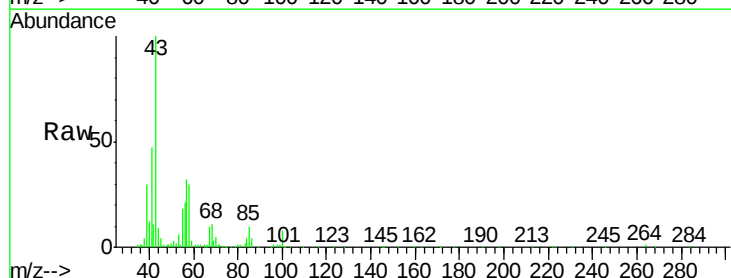
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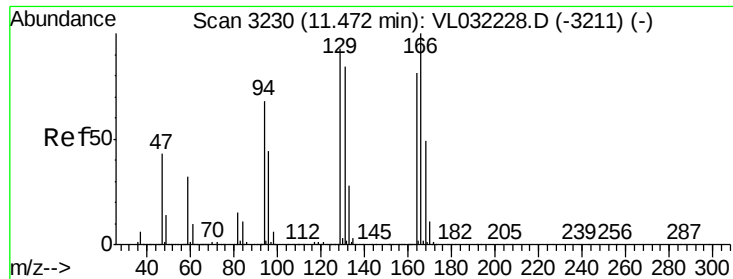
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#50
 4-Methyl-2-Pentanone
 Concen: 0.390 ppbv
 RT: 8.97 min Scan# 2452
 Delta R.T. 0.01 min
 Lab File: VL032256.D
 Acq: 13 Jul 2018 22:08

Tgt Ion: 43 Resp: 158101
 Ion Ratio Lower Upper
 43 100
 58 38.0 29.5 44.3





#52

Tetrachloroethene

Concen: 0.124 ppbv

RT: 11.47 min Scan# 3229

Delta R.T. -0.00 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Instrument :

MSVOA_L

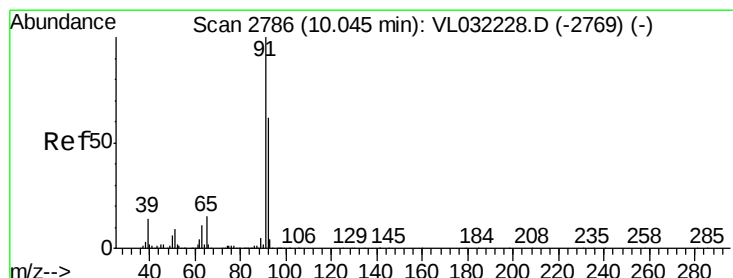
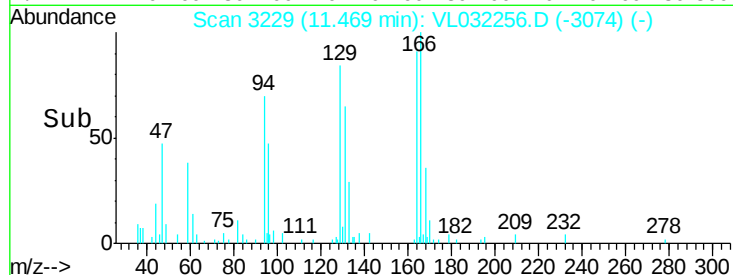
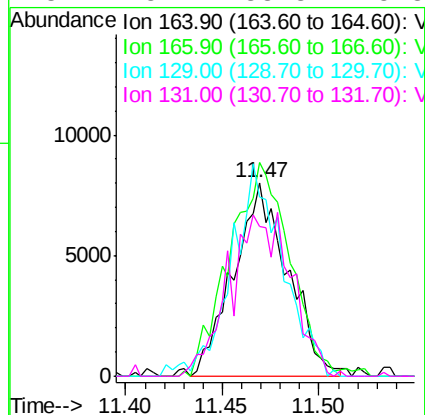
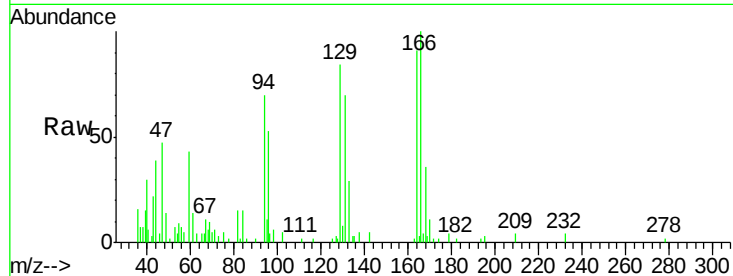
ClientSampleId :

EFFLUENTDUP

Tgt Ion:	164	Resp:	15621
Ion Ratio	Lower	Upper	
164	100		
166	110.5	99.3	148.9
129	101.1	92.0	138.0
131	75.1	83.8	125.8#

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#53

Toluene

Concen: 3.692 ppbv

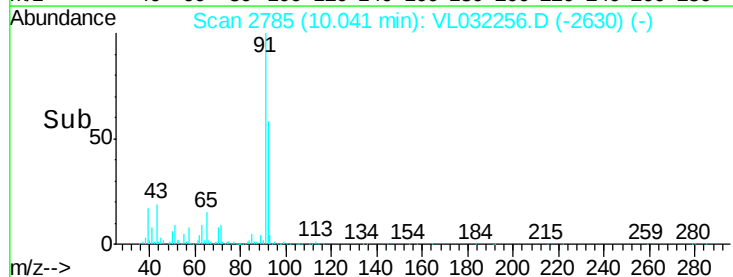
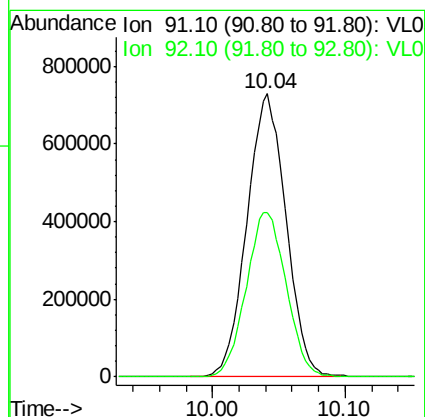
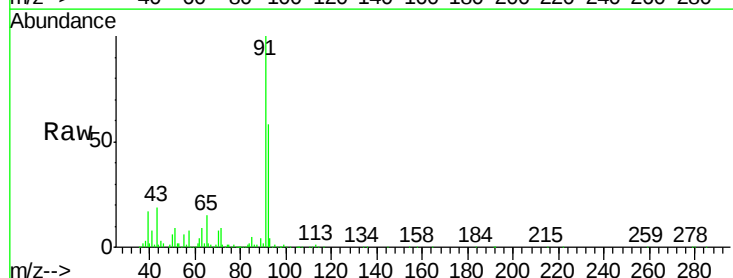
RT: 10.04 min Scan# 2785

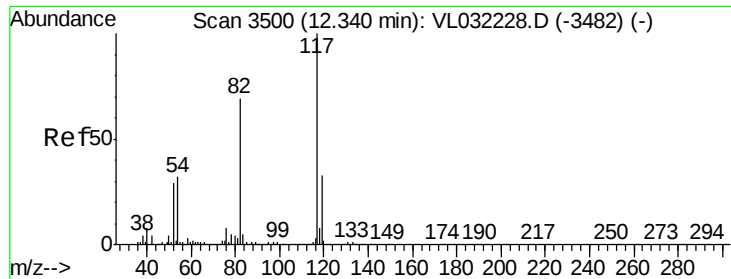
Delta R.T. -0.00 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Tgt Ion:	91	Resp:	1493178
Ion Ratio	Lower	Upper	
91	100		
92	59.5	49.0	73.4





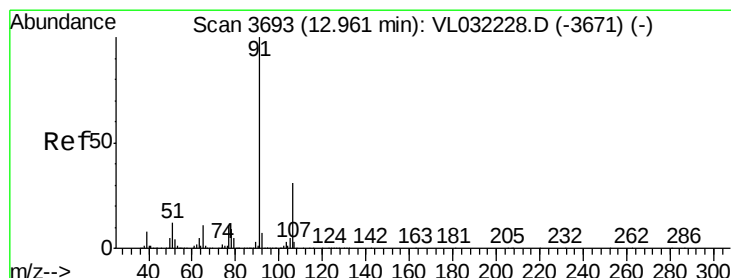
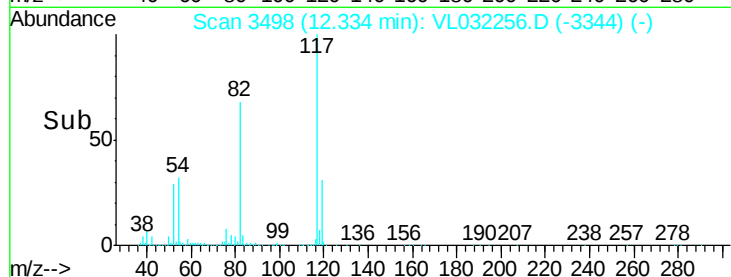
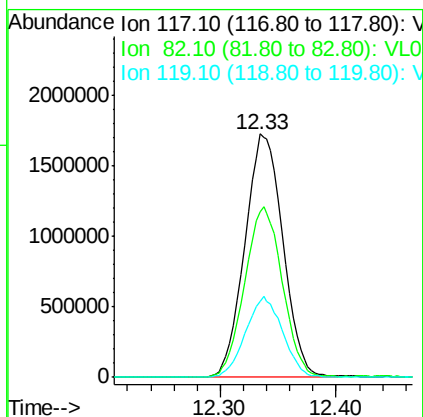
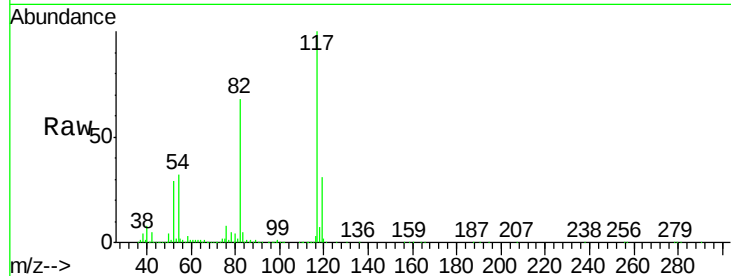
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.33 min Scan# 3498
Delta R.T. -0.01 min
Lab File: VL032256.D
Acq: 13 Jul 2018 22:08

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tgt Ion: 117 Resp: 3942952
Ion Ratio Lower Upper
117 100
82 69.6 53.2 79.8
119 32.4 43.9 65.9#

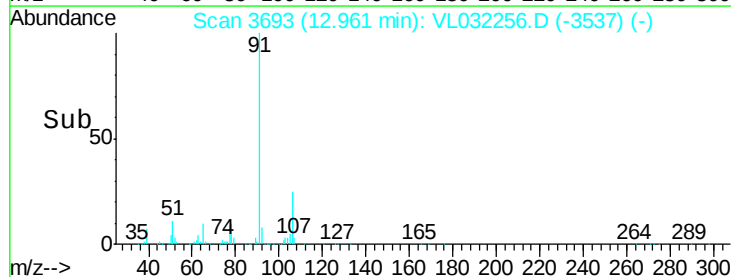
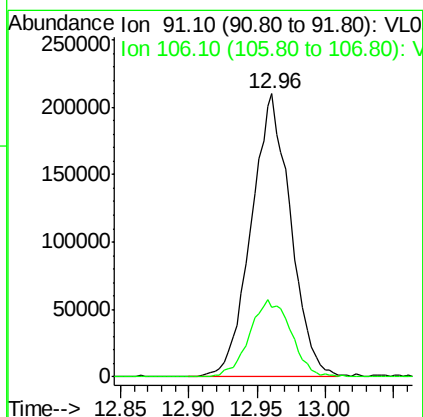
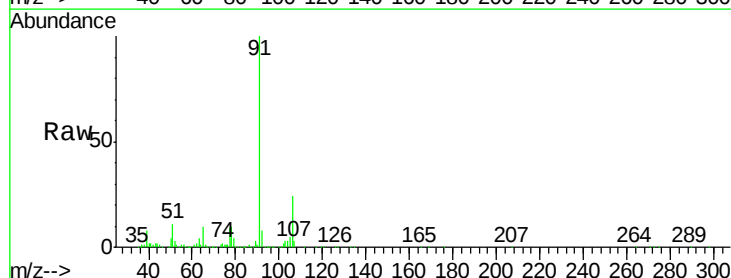
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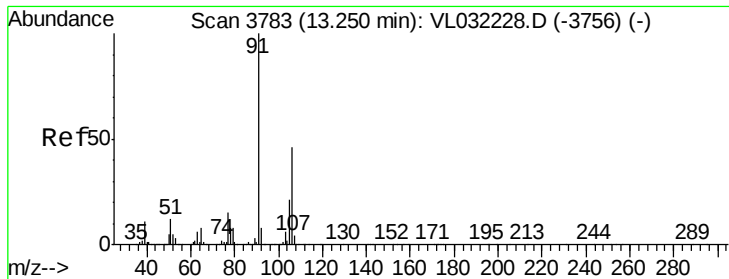
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#58
Ethyl Benzene
Concen: 0.733 ppbv
RT: 12.96 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VL032256.D
Acq: 13 Jul 2018 22:08

Tgt Ion: 91 Resp: 420885
Ion Ratio Lower Upper
91 100
106 24.4 24.5 36.7#





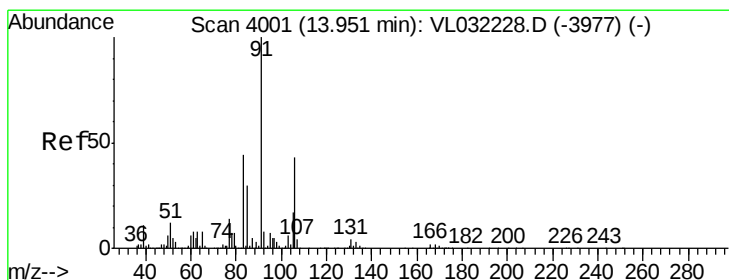
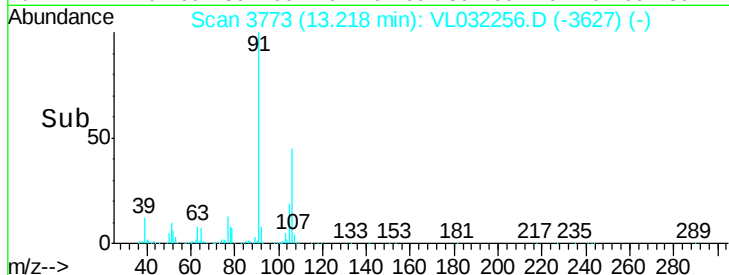
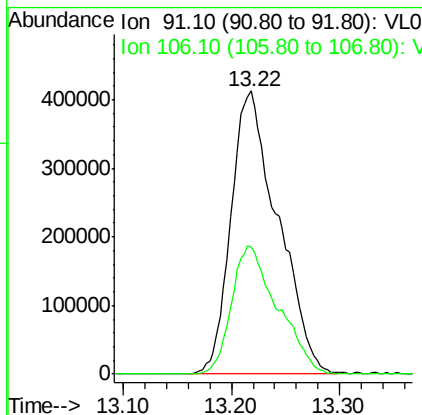
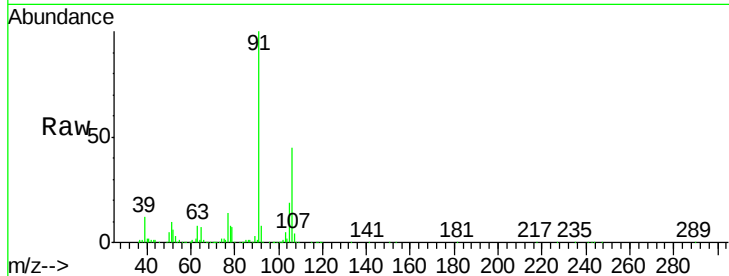
#59
m/p-Xylene
Concen: 2.635 ppbv
RT: 13.22 min Scan# 3773
Delta R.T. -0.03 min
Lab File: VL032256.D
Acq: 13 Jul 2018 22:08

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tgt Ion: 91 Resp: 1244856
Ion Ratio Lower Upper
91 100
106 44.9 36.4 54.6

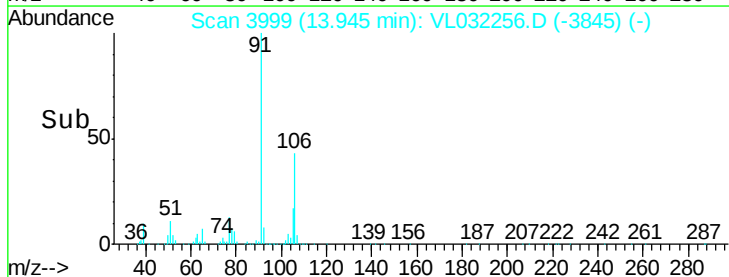
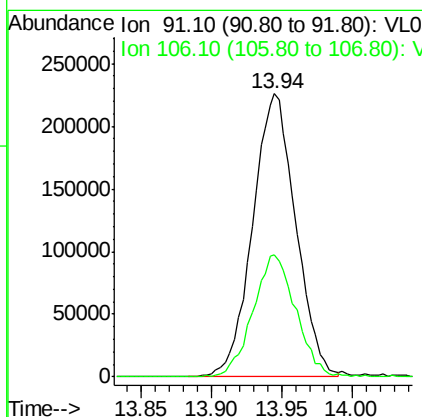
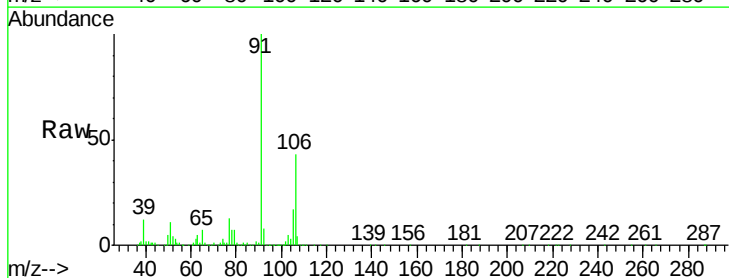
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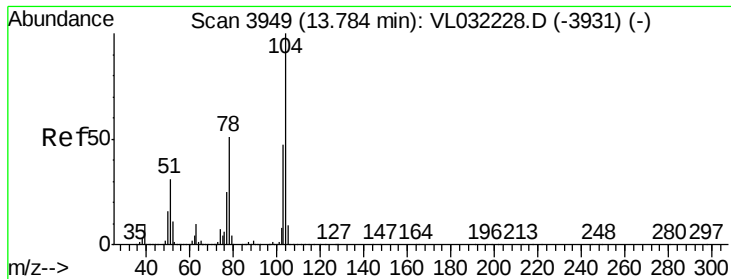
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#60
o-Xylene
Concen: 1.027 ppbv
RT: 13.94 min Scan# 3999
Delta R.T. -0.01 min
Lab File: VL032256.D
Acq: 13 Jul 2018 22:08

Tgt Ion: 91 Resp: 478923
Ion Ratio Lower Upper
91 100
106 43.2 21.9 65.5





#61

Styrene

Concen: 0.086 ppbv m

RT: 13.77 min Scan# 3946

Delta R.T. -0.01 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Instrument :

MSVOA_L

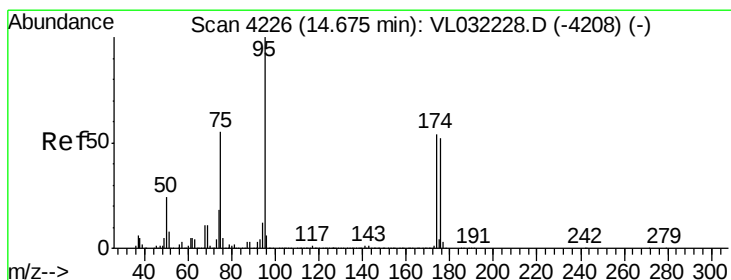
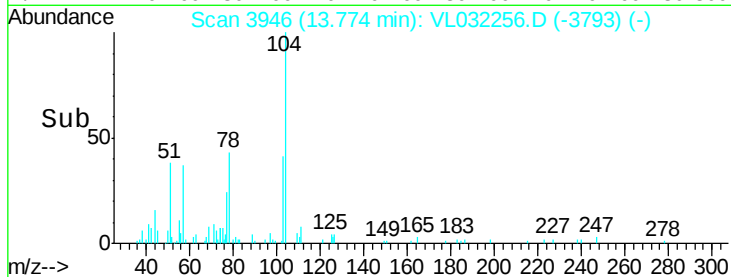
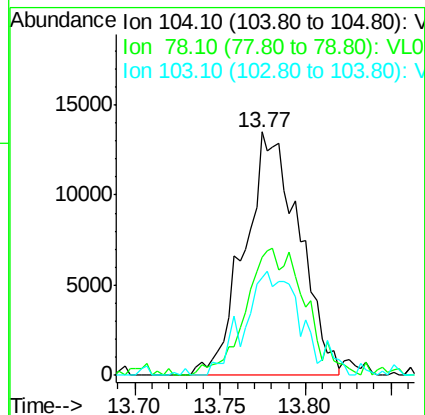
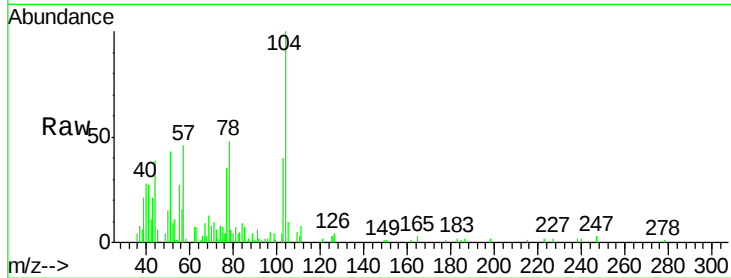
ClientSampleId :

EFFLUENTDUP

Tgt Ion:	104	Resp:	29999
Ion Ratio	Lower	Upper	
104	100		
78	0.0	43.4	65.0#
103	0.0	38.0	57.0#

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.974 ppbv

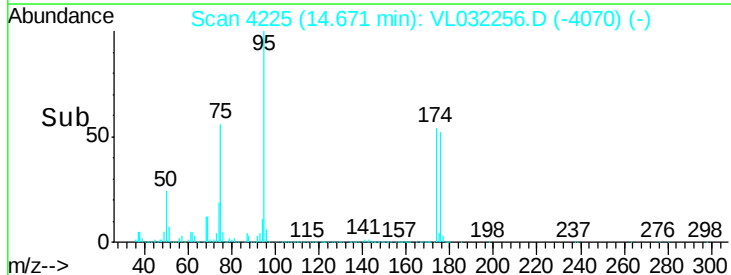
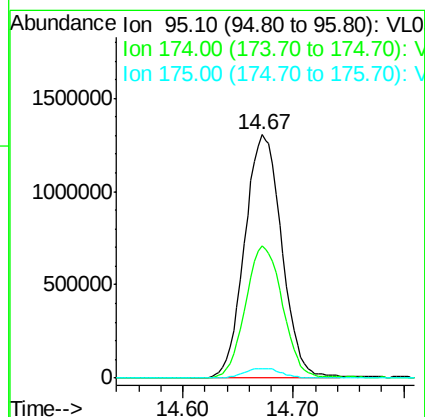
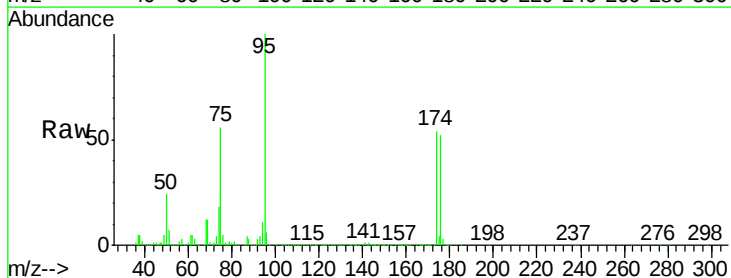
RT: 14.67 min Scan# 4225

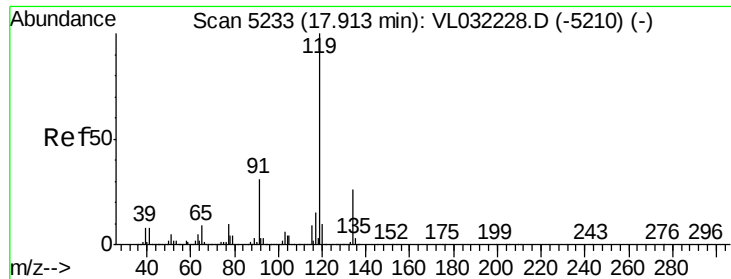
Delta R.T. -0.00 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Tgt Ion:	95	Resp:	3044221
Ion Ratio	Lower	Upper	
95	100		
174	54.8	44.6	67.0
175	4.0	3.3	4.9





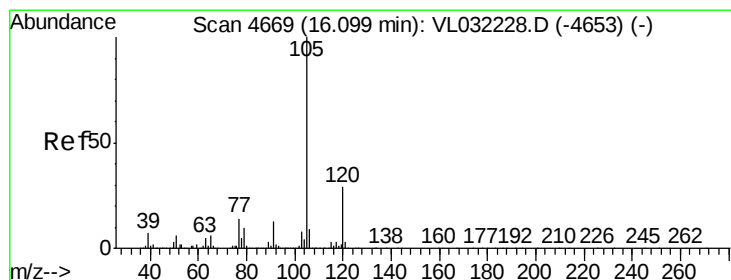
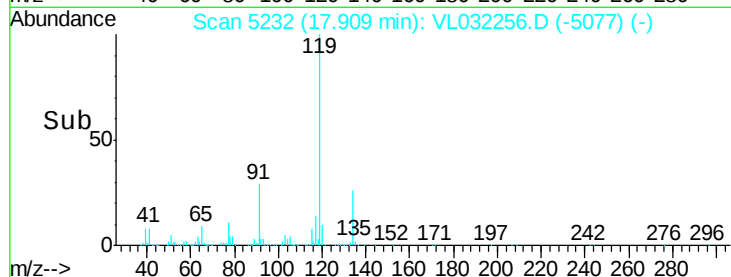
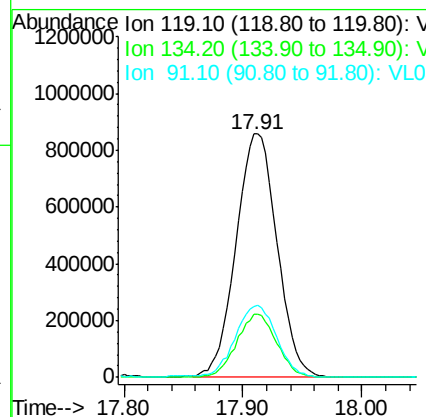
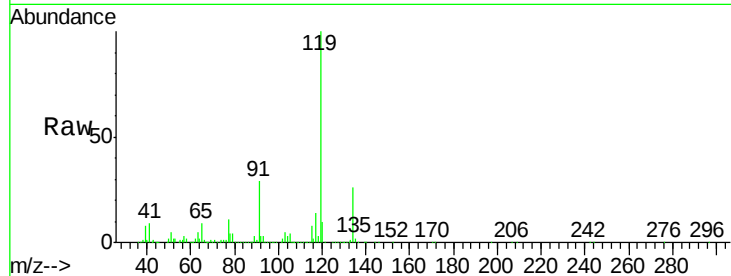
#69
p-Isopropyltoluene
Concen: 3.276 ppbv
RT: 17.91 min Scan# 5232
Delta R.T. -0.00 min
Lab File: VL032256.D
Acq: 13 Jul 2018 22:08

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.1	30.1
91	30.3	24.2	36.2

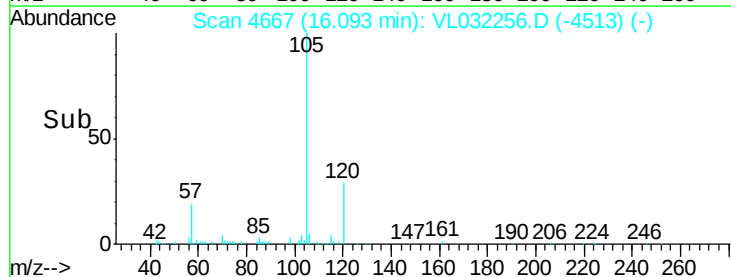
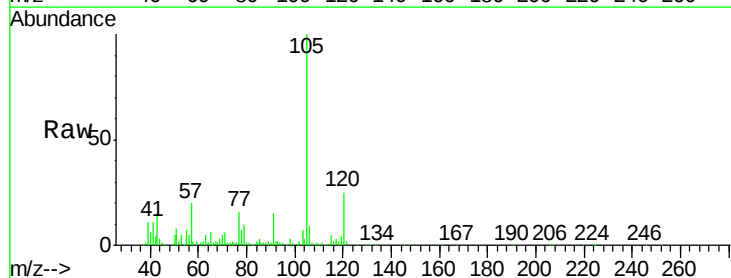
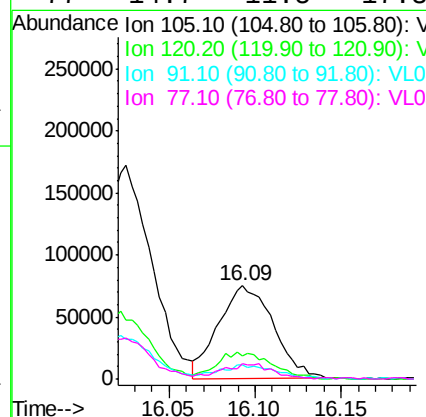
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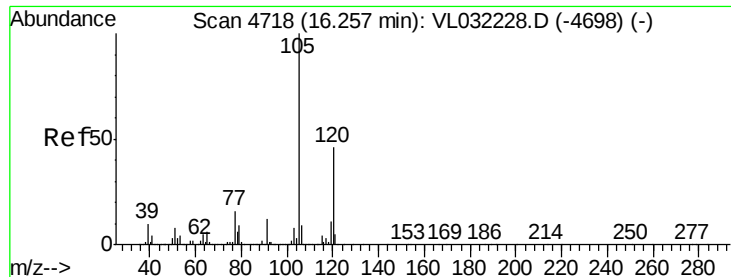
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#72
4-Ethyltoluene
Concen: 0.317 ppbv
RT: 16.09 min Scan# 4667
Delta R.T. -0.01 min
Lab File: VL032256.D
Acq: 13 Jul 2018 22:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.7	23.3	34.9
91	15.6	10.3	15.5#
77	14.7	11.5	17.3





#73

1,3,5-Trimethylbenzene

Concen: 0.289 ppbv

RT: 16.25 min Scan# 4716

Delta R.T. -0.01 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Instrument :

MSVOA_L

ClientSampleId :

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Tgt Ion:105 Resp: 140395

Ion Ratio Lower Upper

105 100

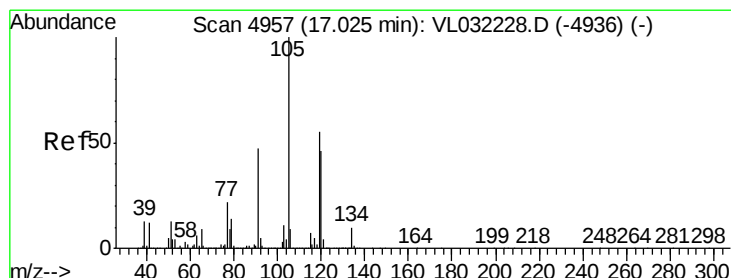
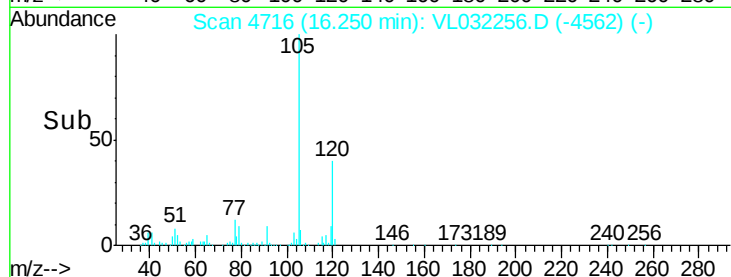
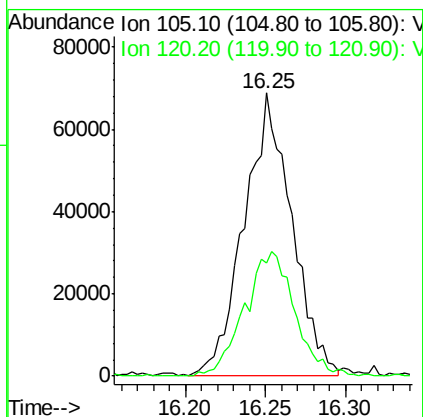
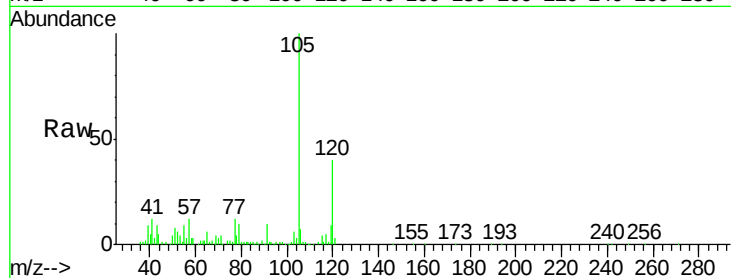
120 39.9 36.6 54.8

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#74

1,2,4-Trimethylbenzene

Concen: 0.896 ppbv

RT: 17.02 min Scan# 4955

Delta R.T. -0.01 min

Lab File: VL032256.D

Acq: 13 Jul 2018 22:08

Tgt Ion:105 Resp: 445439

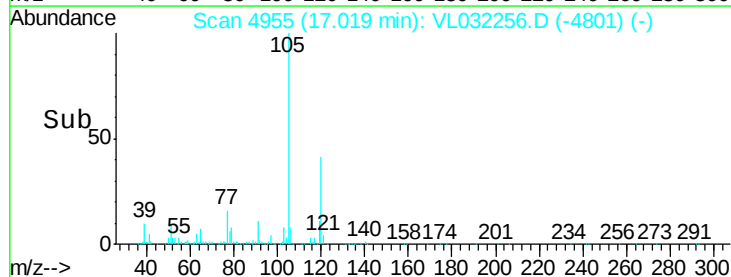
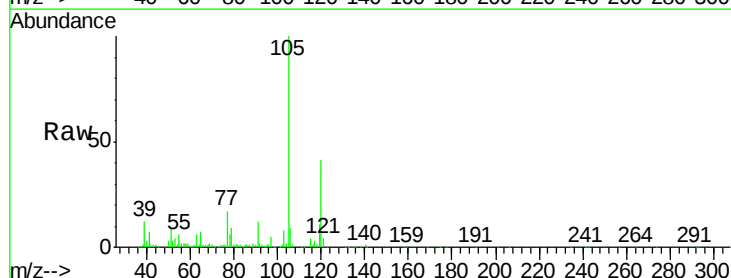
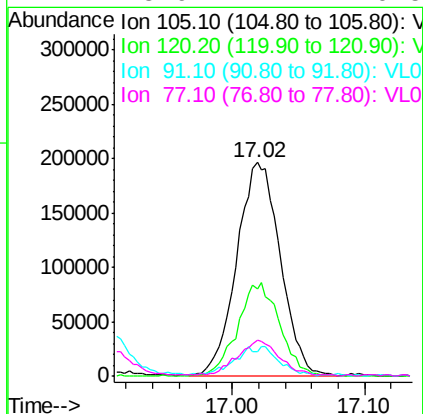
Ion Ratio Lower Upper

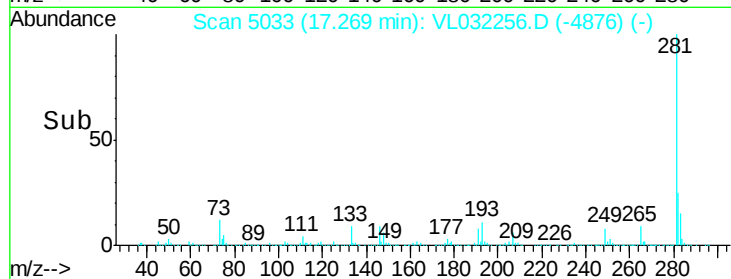
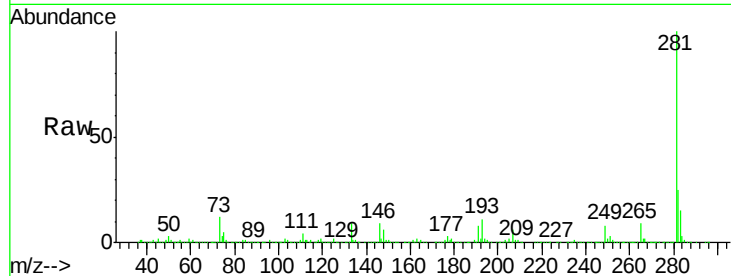
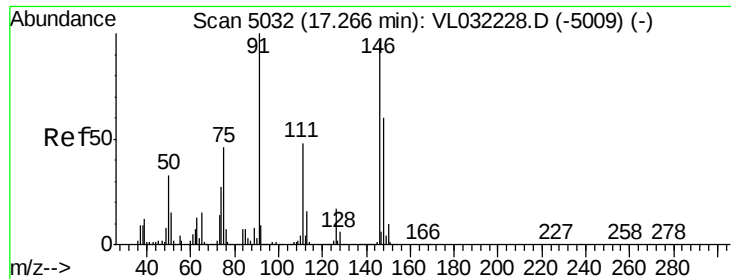
105 100

120 40.8 37.0 55.4

91 10.9 38.2 57.2#

77 15.9 17.7 26.5#





#75
 1,3-Dichlorobenzene
 Concen: 1.295 ppbv
 RT: 17.27 min Scan# 5033
 Delta R.T. 0.00 min
 Lab File: VL032256.D
 Acq: 13 Jul 2018 22:08

Tgt Ion:	146	Resp:	384164
Ion Ratio	Lower	Upper	
146	100		
111	105.9	24.9	74.7#
148	88.3	31.9	95.5

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

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