

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071218\
 Data File : VL032242.D
 Acq On : 13 Jul 2018 8:16
 Operator : SY/AP
 Sample : J3753-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 5:22:24 PM

Quant Time: Jul 13 09:42:34 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	1639994	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	3575079	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	4187466	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.67	95	3157499	9.74	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.12	85	48927m	0.21	ppbv	
3) Chlorodifluoromethane	3.06	51	74943m	0.37	ppbv	
4) Chloromethane	3.22	50	44264	0.39	ppbv	91
7) Chloroethane	3.66	64	51080	1.31	ppbv	92
9) Propene	3.09	41	201218	2.34	ppbv	95
10) Heptane	8.33	43	275741	1.13	ppbv	99
11) Trichlorofluoromethane	4.07	101	80892	0.36	ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.62	101	887413	6.15	ppbv	99
13) Ethanol	3.74	45	11542551	465.47	ppbv	99
15) Acetone	3.96	43	7979736	41.93	ppbv	99
17) tert-Butyl alcohol	4.46	59	1216433	13.69	ppbv	99
18) 1,1-Dichloroethene	4.41	96	197380	2.94	ppbv	94
19) Isopropyl Alcohol	4.12	45	7421495	59.39	ppbv	# 99
20) Methylene Chloride	4.48	84	406625	6.31	ppbv	98
22) trans-1,2-Dichloroethene	5.04	96	61447	0.96	ppbv	90
24) 1,1-Dichloroethane	5.17	63	3251642	14.63	ppbv	99
26) Hexane	5.86	57	553582	3.22	ppbv	# 60
30) Cyclohexane	7.33	84	94263	0.62	ppbv	89
31) cis-1,2-Dichloroethene	5.72	61	31493	0.18	ppbv	89
32) 1,1,1-Trichloroethane	6.71	97	17476905	67.91	ppbv	93
34) 2-Butanone	5.40	43	1722719	7.07	ppbv	100
36) Benzene	7.09	78	192571	0.54	ppbv	98
41) Tetrahydrofuran	6.23	42	107673	0.79	ppbv	# 91
44) 2,2,4-Trimethylpentane	8.08	57	1742053	2.85	ppbv	96
50) 4-Methyl-2-Pentanone	8.97	43	284341	0.67	ppbv	95
52) Tetrachloroethene	11.48	164	17483m	0.13	ppbv	
53) Toluene	10.04	91	2336265	5.56	ppbv	99
58) Ethyl Benzene	12.96	91	676663	1.11	ppbv	96
59) m/p-Xylene	13.21	91	2032960	4.05	ppbv	100
60) o-Xylene	13.94	91	824548	1.67	ppbv	100
61) Styrene	13.77	104	55330m	0.15	ppbv	
62) Isopropylbenzene	14.92	105	49186	0.07	ppbv	# 87
69) p-Isopropyltoluene	17.91	119	1629026	2.46	ppbv	100
72) 4-Ethyltoluene	16.09	105	268514	0.48	ppbv	99
73) 1,3,5-Trimethylbenzene	16.25	105	215792	0.42	ppbv	88
74) 1,2,4-Trimethylbenzene	17.02	105	867868	1.64	ppbv	# 74
79) Naphthalene	22.53	128	72960m	0.21	ppbv	

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

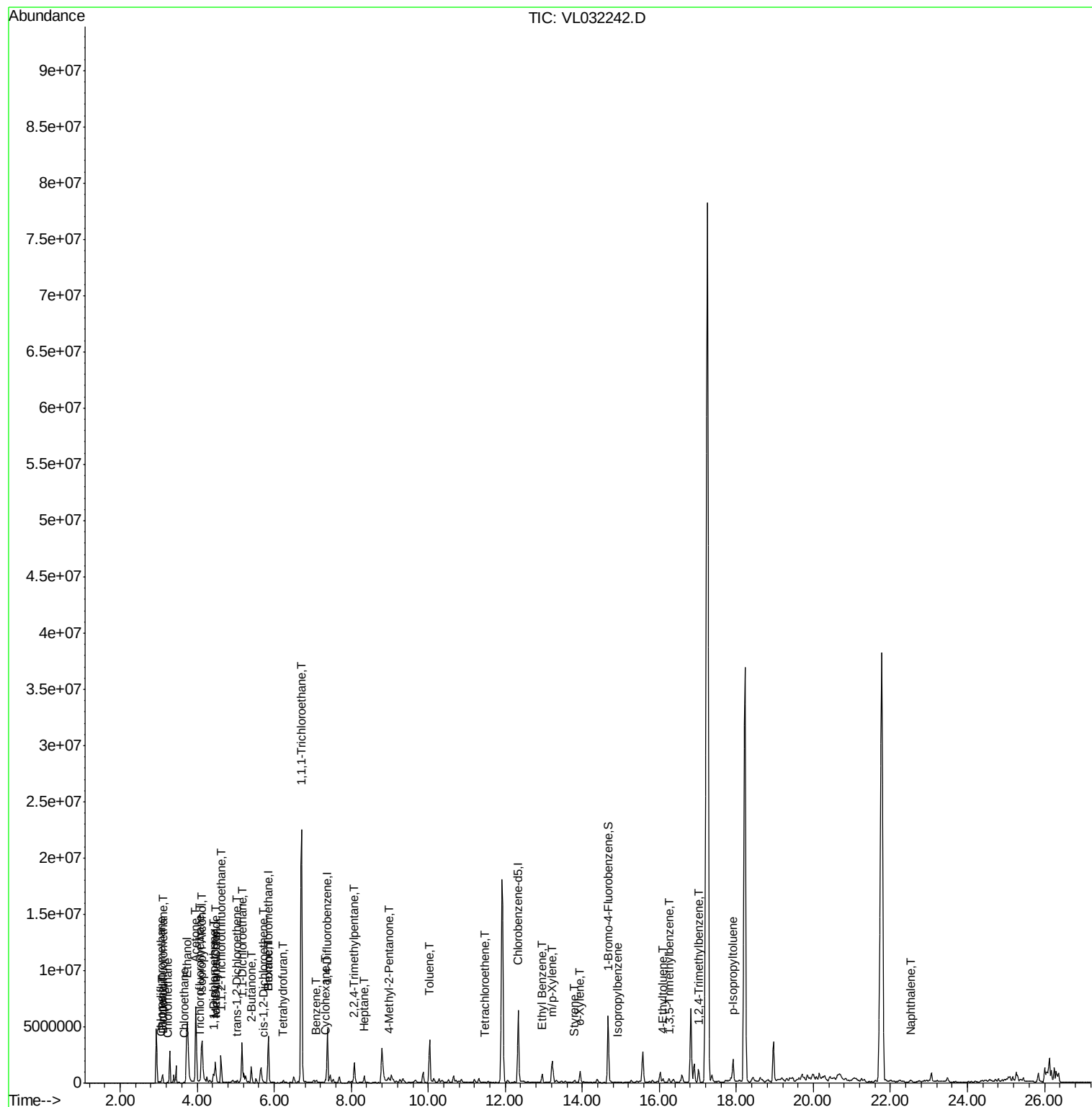
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL071218\
Data File : VL032242.D
Acq On : 13 Jul 2018 8:16
Operator : SY/AP
Sample : J3753-03
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

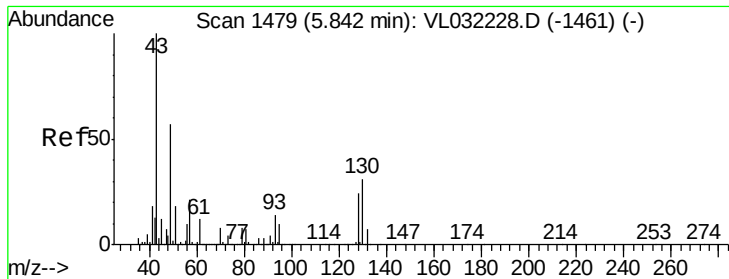
Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

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Quant Time: Jul 13 09:42:34 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





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.84 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tot Ion: 49 Resp: 1639994

Ion Ratio Lower Upper

49 100

128 41.7 20.9 62.8

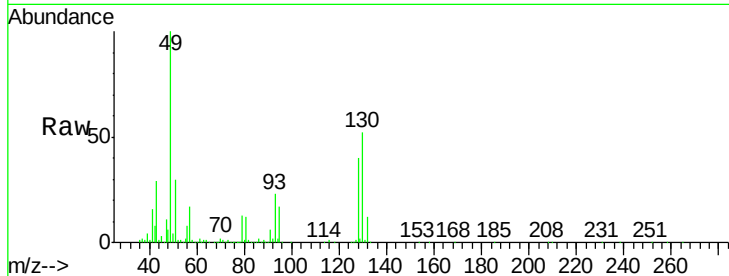
130 52.5 27.0 81.0

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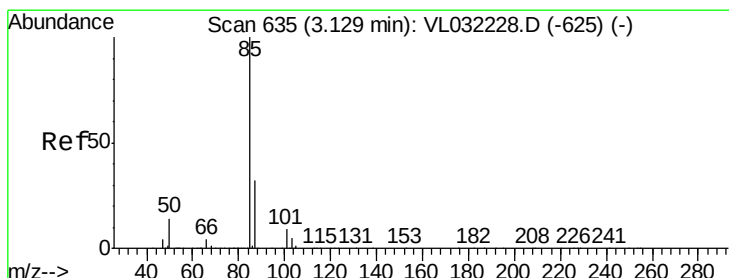
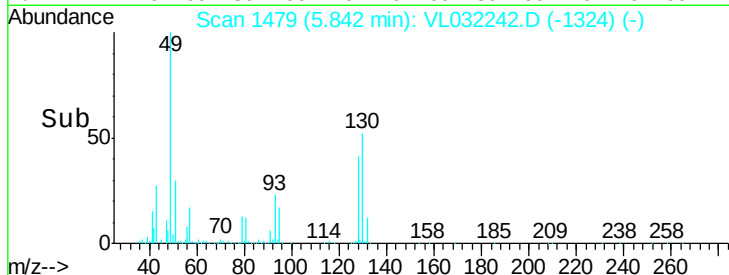
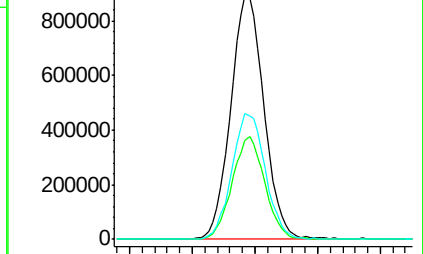
7/13/2018 5:22:24 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.21 ppbv m

RT: 3.12 min Scan# 633

Delta R.T. -0.01 min

Lab File: VL032242.D

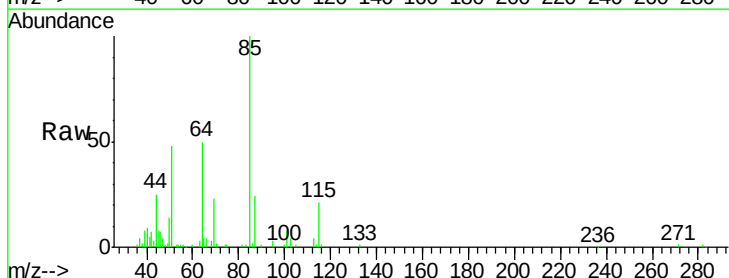
Acq: 13 Jul 2018 8:16

Tgt Ion: 85 Resp: 48927

Ion Ratio Lower Upper

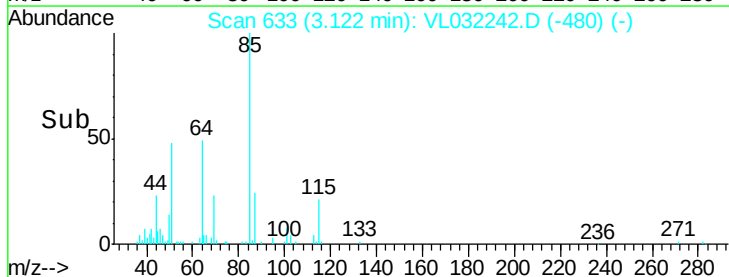
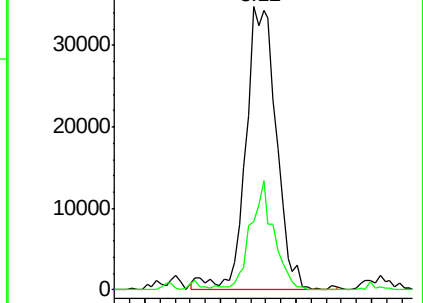
85 100

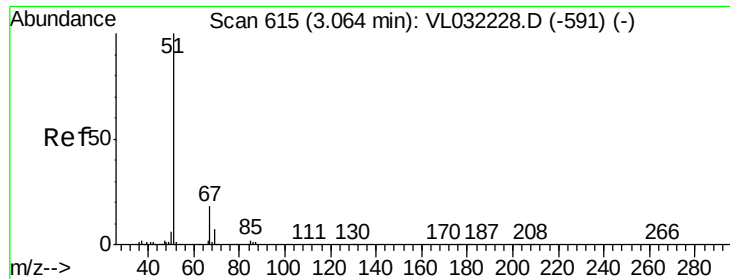
87 24.3 25.8 38.6#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.37 ppbv m

RT: 3.06 min Scan# 615

Delta R.T. -0.00 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Tot Ion: 51 Resp: 74943

Ion Ratio Lower Upper

51 100

67 19.0 14.6 22.0

Instrument :

MSVOA_L

ClientSampleId :

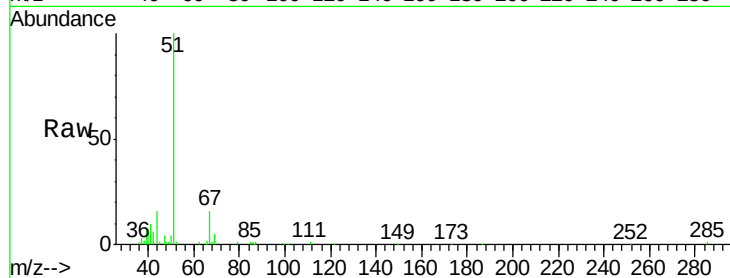
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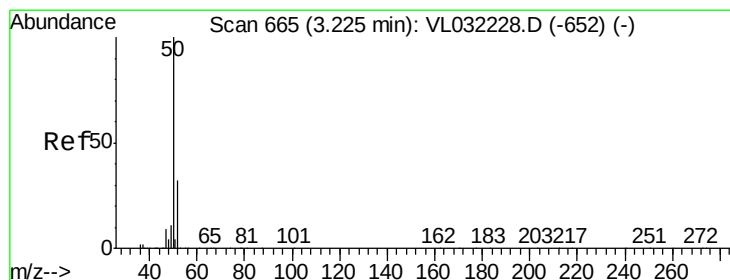
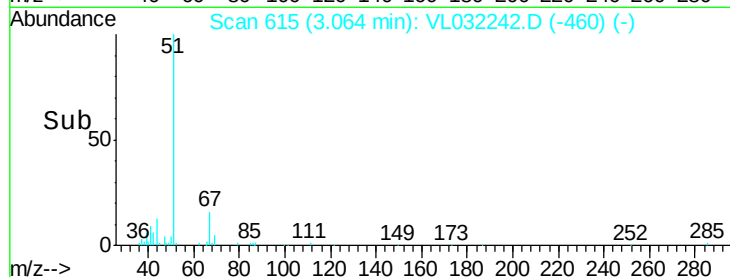
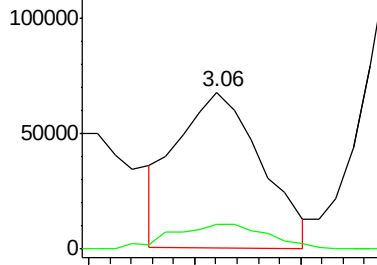
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.39 ppbv

RT: 3.22 min Scan# 664

Delta R.T. -0.00 min

Lab File: VL032242.D

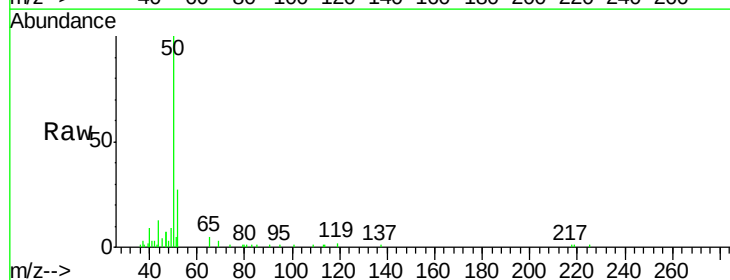
Acq: 13 Jul 2018 8:16

Tgt Ion: 50 Resp: 44264

Ion Ratio Lower Upper

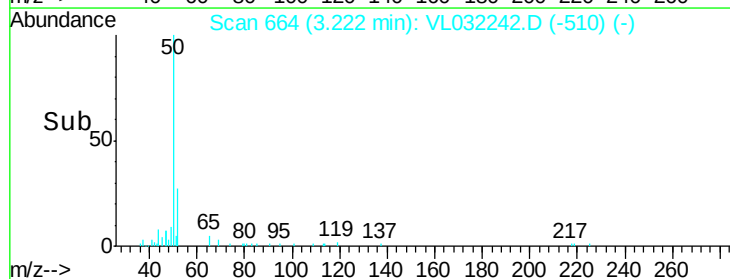
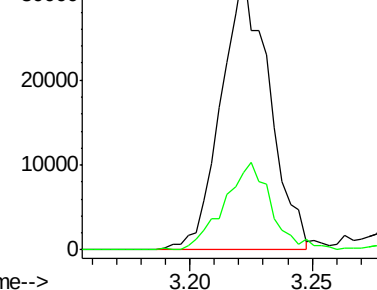
50 100

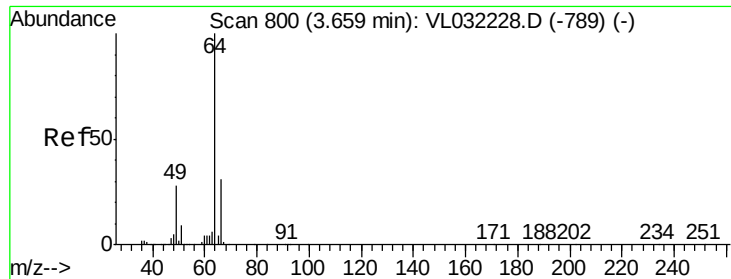
52 27.2 25.7 38.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 1.31 ppbv

RT: 3.66 min Scan# 800

Delta R.T. -0.00 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tot Ion: 64 Resp: 51080

Ion Ratio Lower Upper

64 100

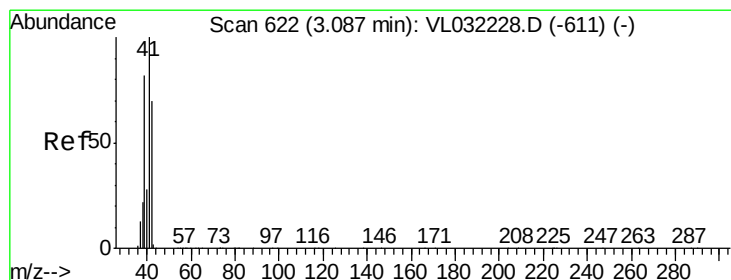
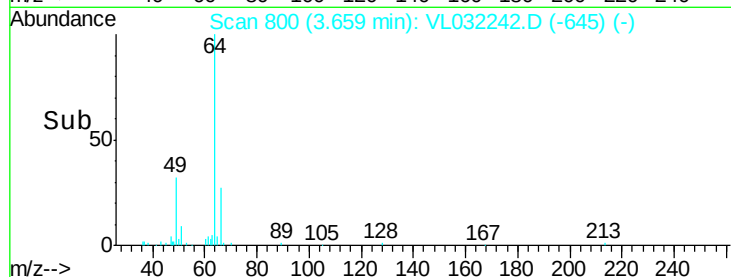
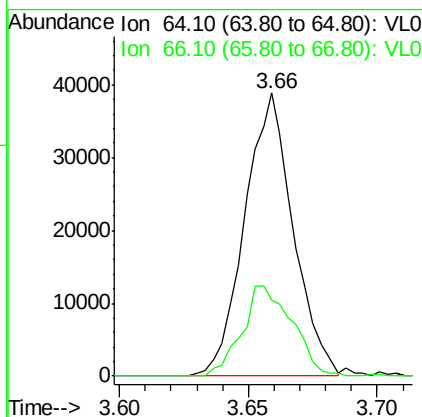
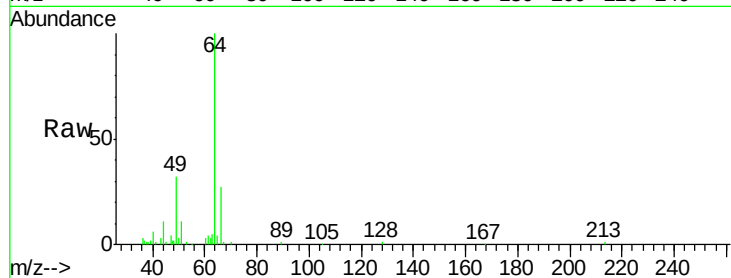
66 25.9 24.4 36.6

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#9

Propene

Concen: 2.34 ppbv

RT: 3.09 min Scan# 622

Delta R.T. -0.00 min

Lab File: VL032242.D

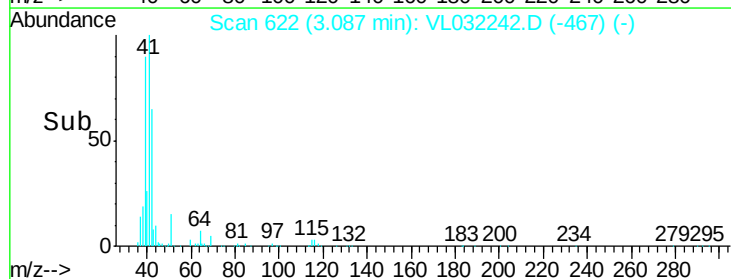
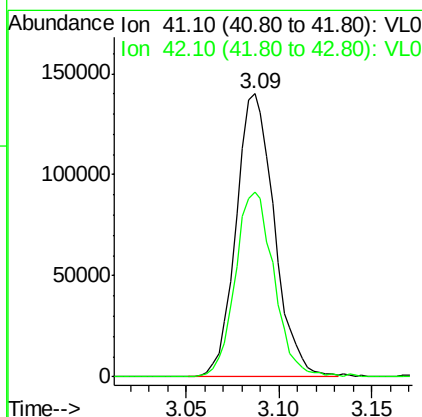
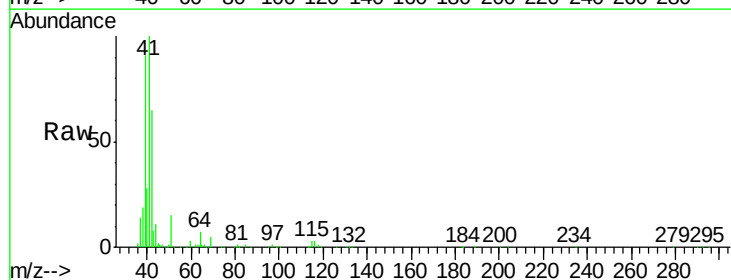
Acq: 13 Jul 2018 8:16

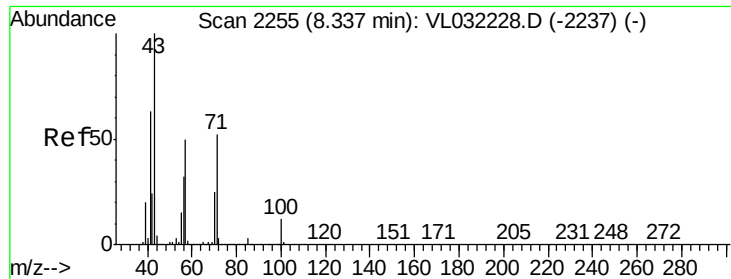
Tgt Ion: 41 Resp: 201218

Ion Ratio Lower Upper

41 100

42 66.4 56.2 84.4





#10

Heptane

Concen: 1.13 ppbv

RT: 8.33 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tot Ion: 43 Resp: 275741

Ion Ratio Lower Upper

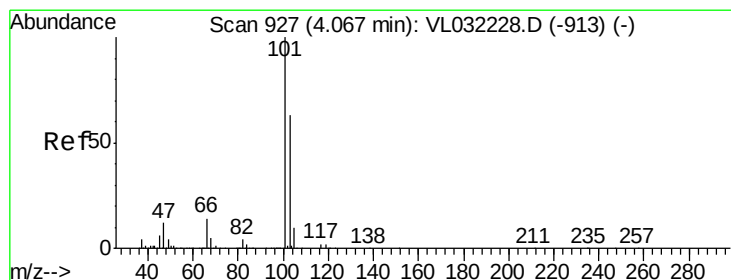
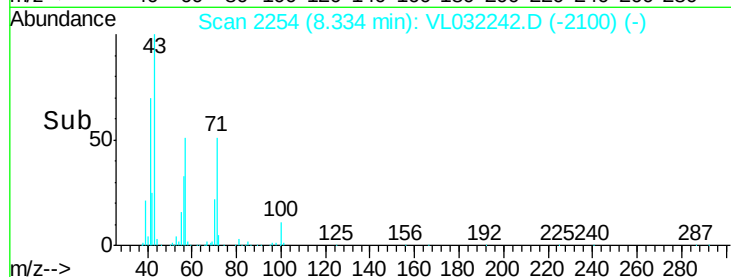
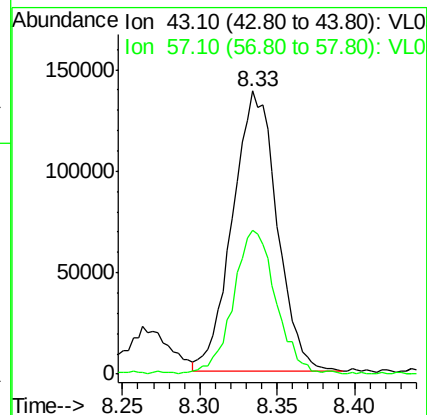
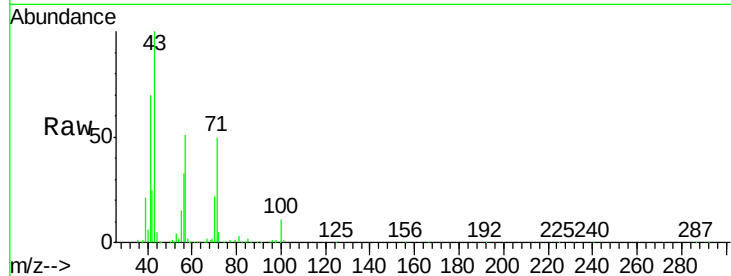
43 100

57 50.5 40.7 61.1

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#11

Trichlorofluoromethane

Concen: 0.36 ppbv

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VL032242.D

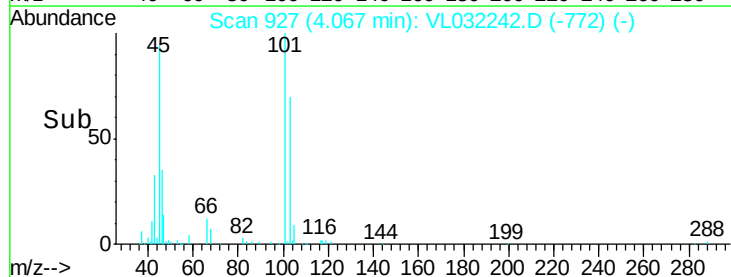
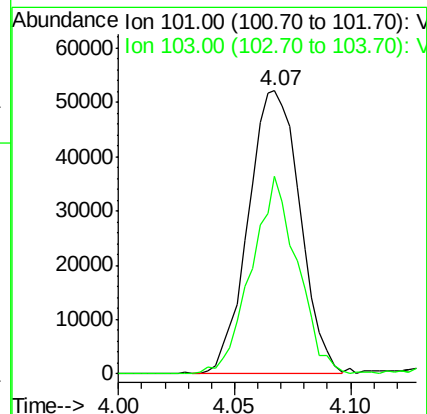
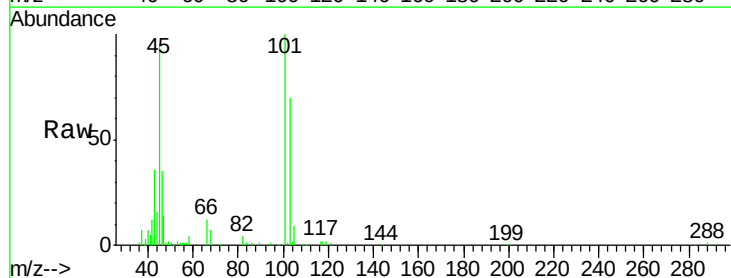
Acq: 13 Jul 2018 8:16

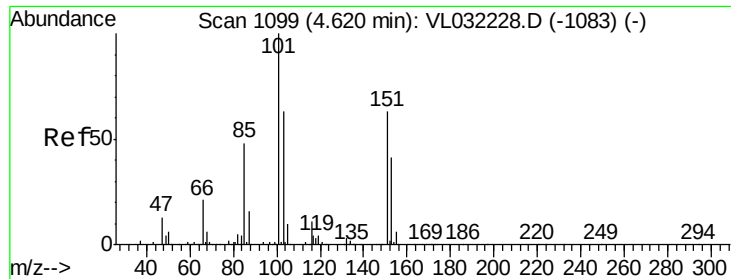
Tgt Ion: 101 Resp: 80892

Ion Ratio Lower Upper

101 100

103 69.5 50.2 75.2





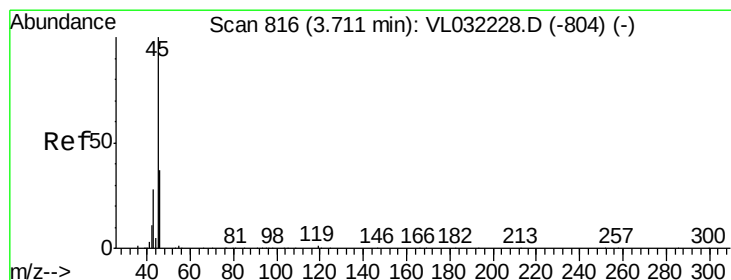
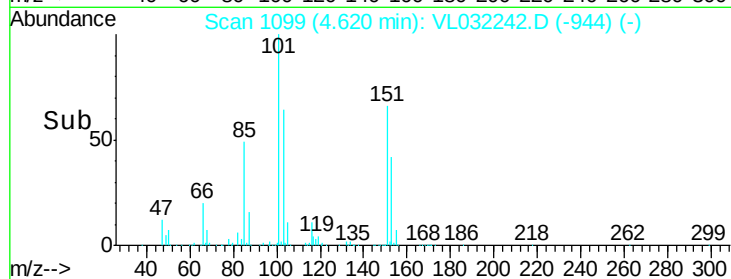
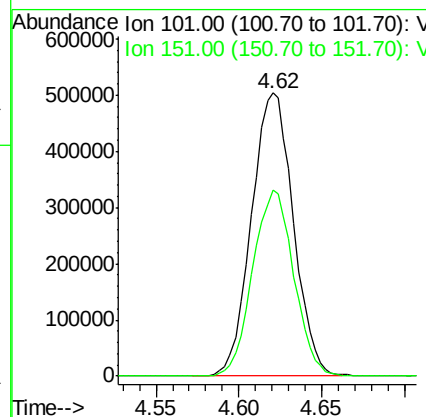
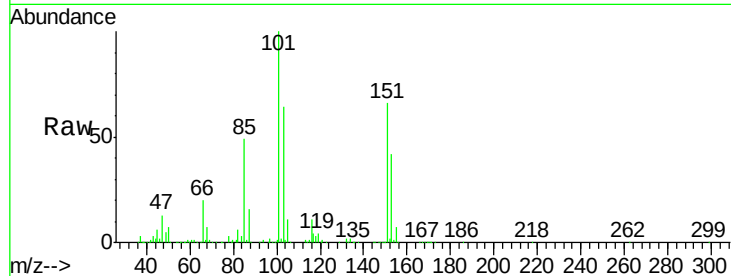
#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 6.15 ppbv
 RT: 4.62 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: VL032242.D
 Acq: 13 Jul 2018 8:16

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Tot Ion:101 Resp: 887413
 Ion Ratio Lower Upper
 101 100
 151 64.6 52.2 78.2

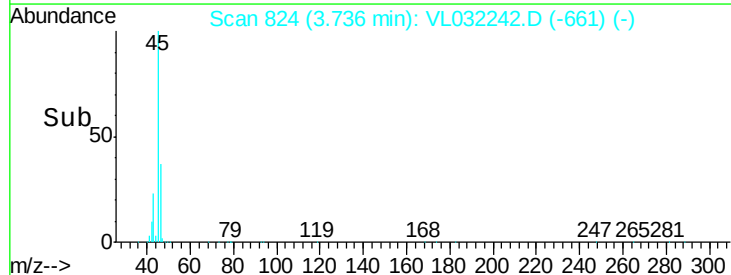
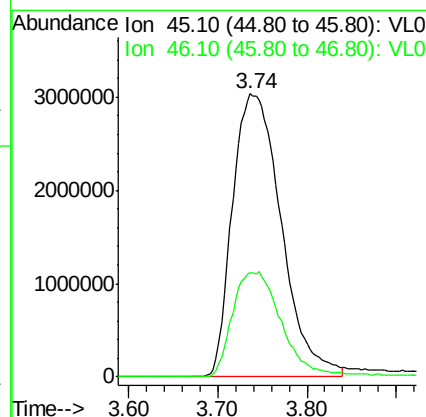
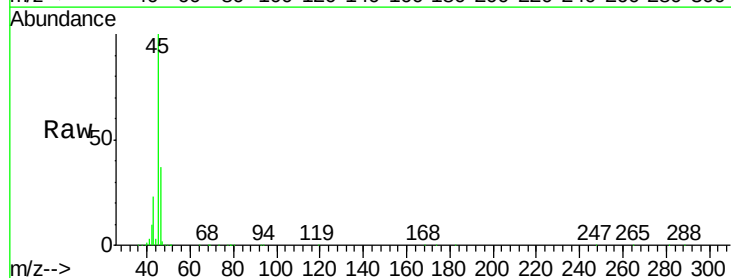
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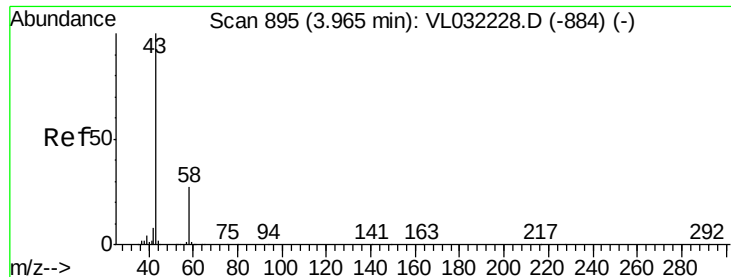
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#13
 Ethanol
 Concen: 465.47 ppbv
 RT: 3.74 min Scan# 824
 Delta R.T. 0.03 min
 Lab File: VL032242.D
 Acq: 13 Jul 2018 8:16

Tgt Ion: 45 Resp:11542551
 Ion Ratio Lower Upper
 45 100
 46 38.3 15.5 61.9





#15

Acetone

Concen: 41.93 ppbv

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tot Ion: 43 Resp: 7979736

Ion Ratio Lower Upper

43 100

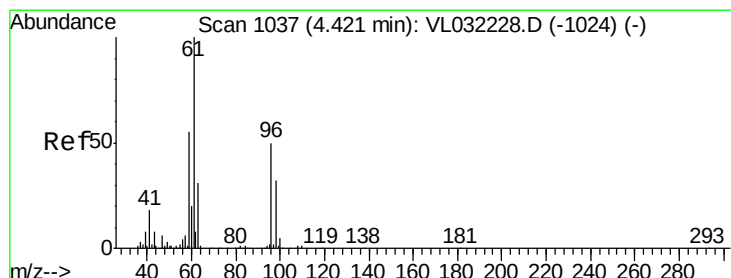
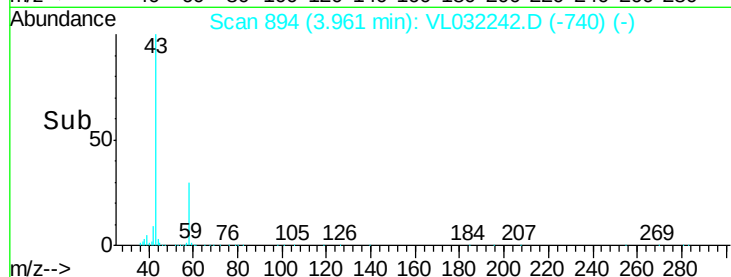
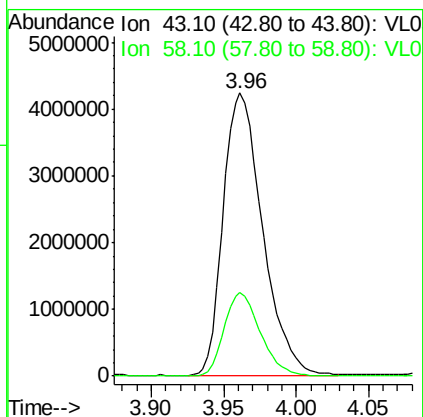
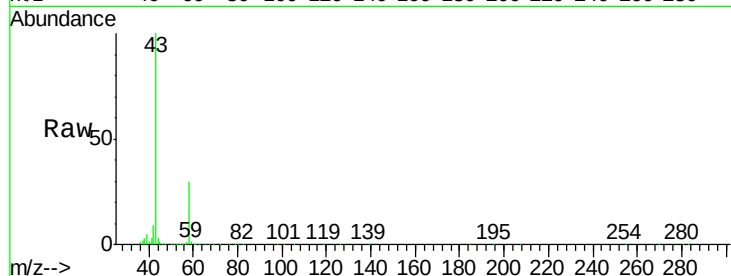
58 27.4 21.5 32.3

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#17

tert-Butyl alcohol

Concen: 13.69 ppbv

RT: 4.46 min Scan# 1049

Delta R.T. 0.04 min

Lab File: VL032242.D

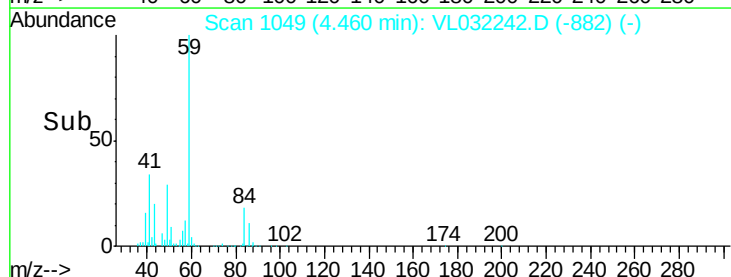
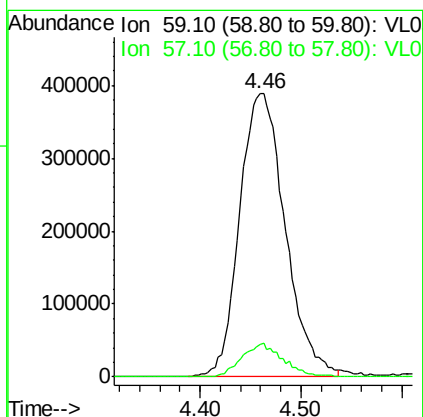
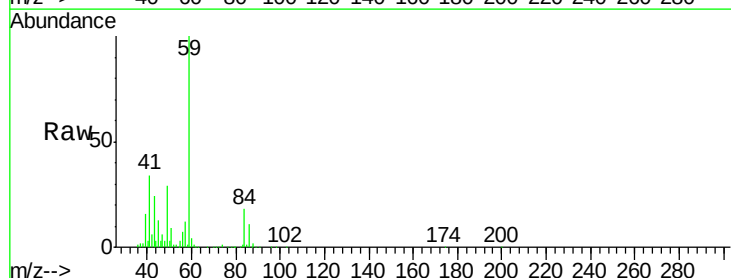
Acq: 13 Jul 2018 8:16

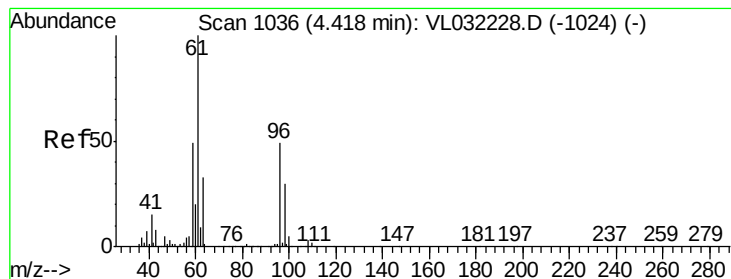
Tgt Ion: 59 Resp: 1216433

Ion Ratio Lower Upper

59 100

57 10.9 8.4 12.6





#18

1,1-Dichloroethene

Concen: 2.94 ppbv

RT: 4.41 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Instrument :

MSVOA_L

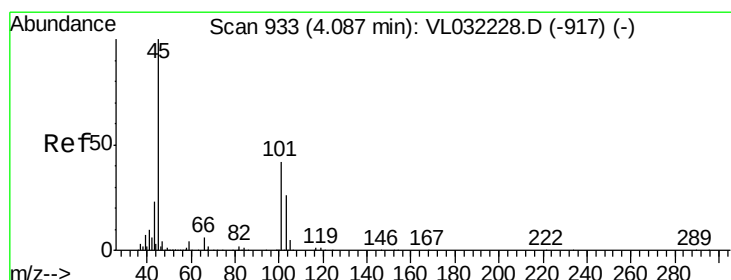
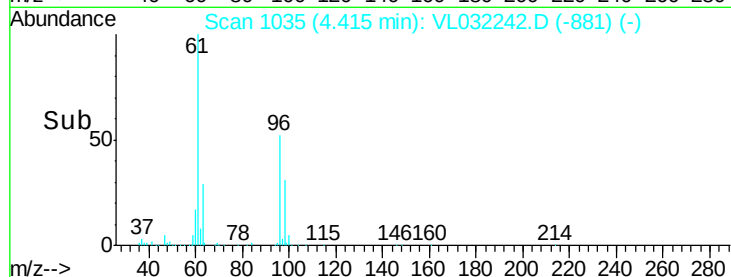
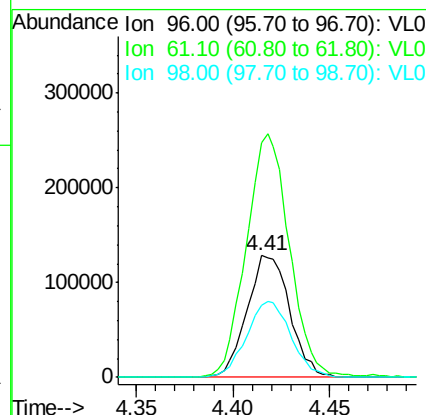
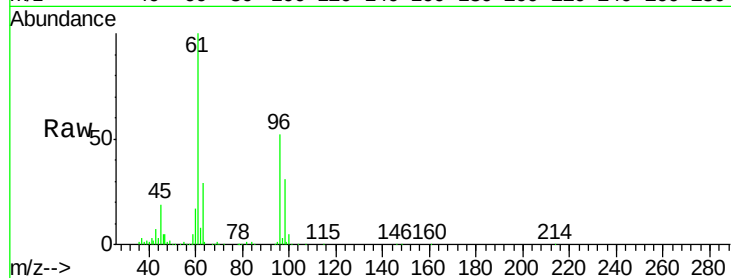
ClientSampleId :

EFFLUENT

Tot Ion:	96	Resp:	197380
Ion	Ratio	Lower	Upper
96	100		
61	192.8	163.0	244.4
98	59.1	48.5	72.7

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#19

Isopropyl Alcohol

Concen: 59.39 ppbv

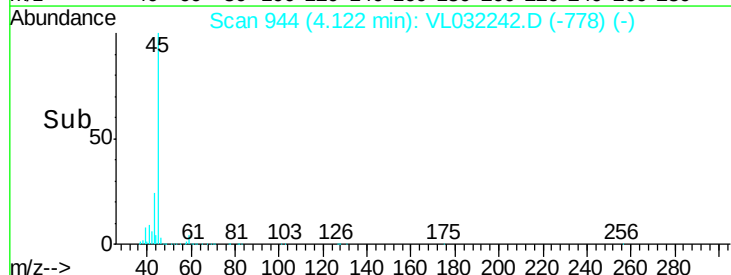
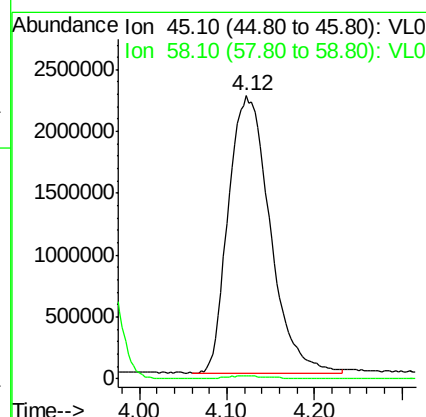
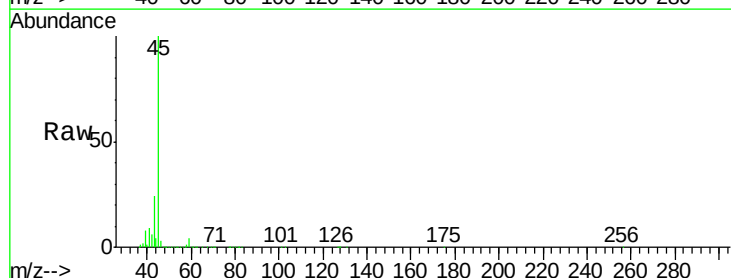
RT: 4.12 min Scan# 944

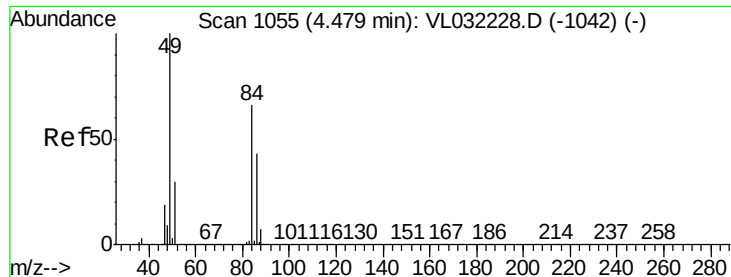
Delta R.T. 0.04 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Tgt Ion:	45	Resp:	7421495
Ion	Ratio	Lower	Upper
45	100		
58	1.1	1.3	1.9#





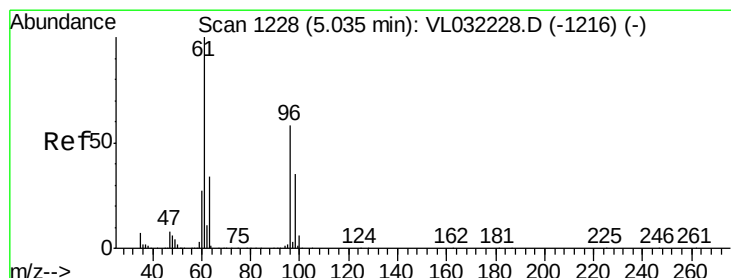
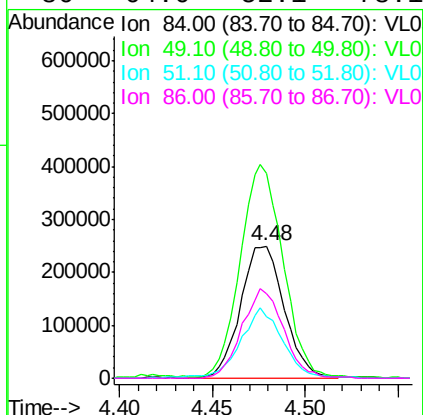
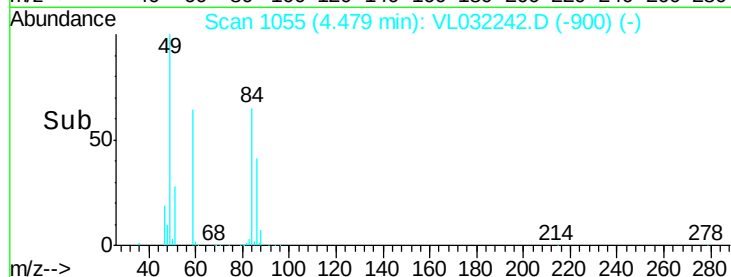
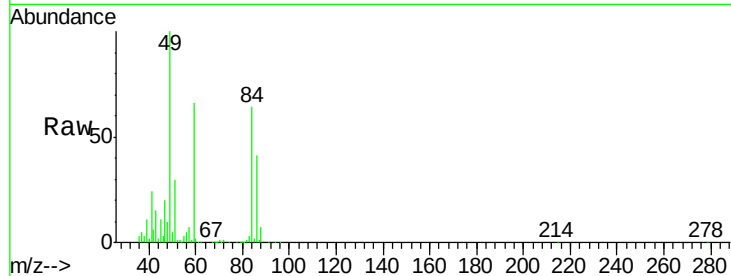
#20
Methvlene Chloride
Concen: 6.31 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	154.8	121.8	182.6	
51	46.1	36.3	54.5	
86	64.0	52.1	78.1	

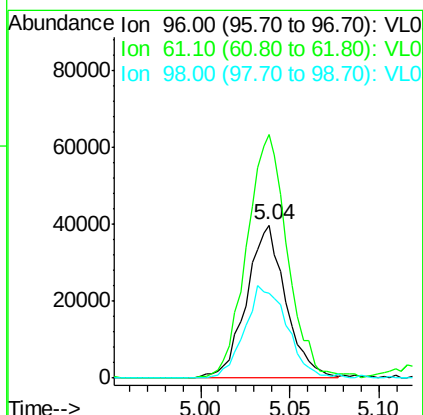
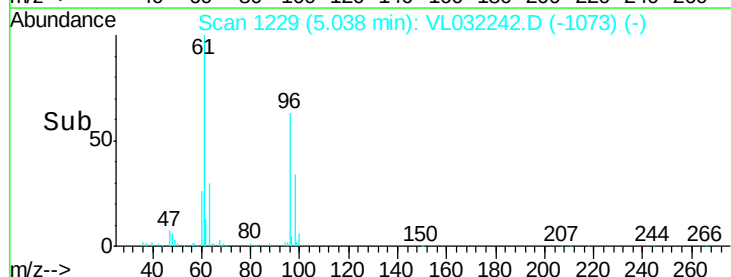
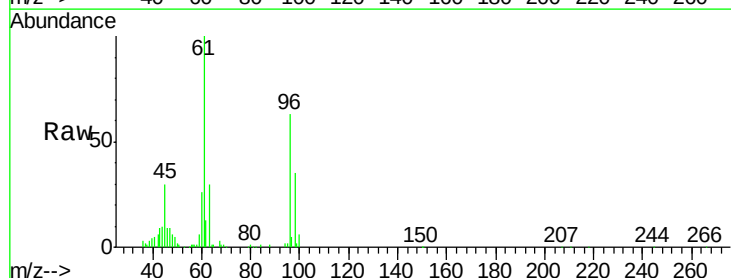
Manual Integrations
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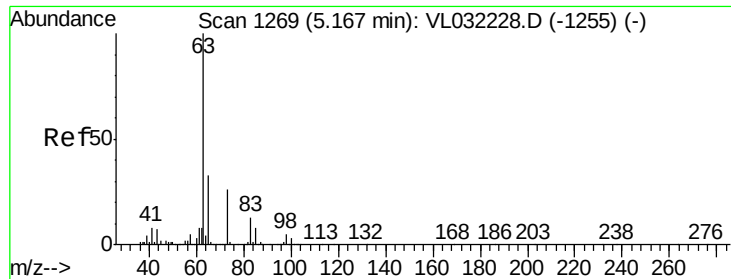
MMDadoda
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#22
trans-1,2-Dichloroethene
Concen: 0.96 ppbv
RT: 5.04 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
61	158.8	139.1	208.7	
98	55.3	48.4	72.6	





#24

1,1-Dichloroethane

Concen: 14.63 ppbv

RT: 5.17 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Instrument :

MSVOA_L

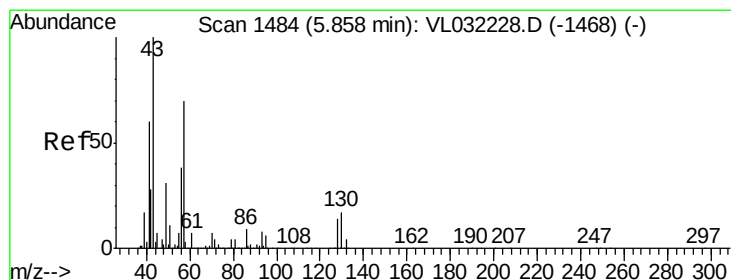
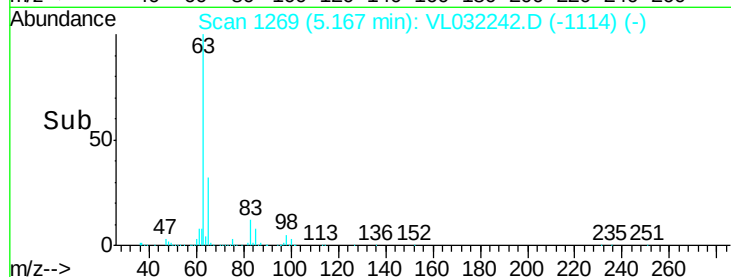
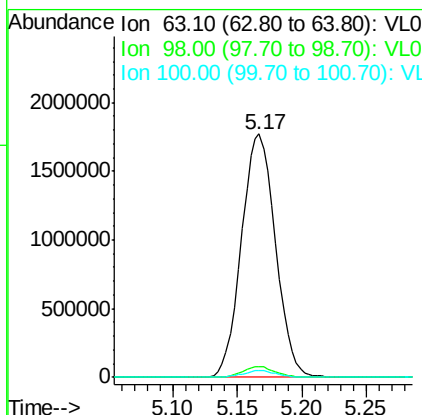
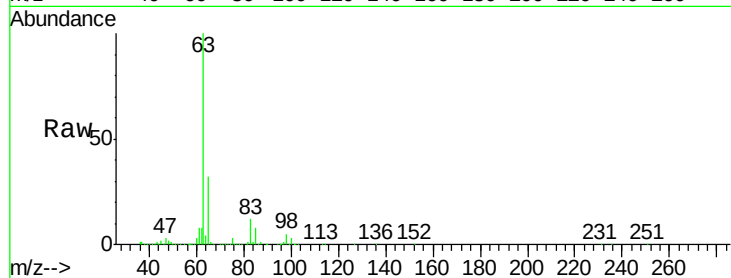
ClientSampleId :

EFFLUENT

Tot Ion:	63	Resp:	3251642
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.4	7.1
100	2.7	1.5	4.4

Manual Integrations
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#26

Hexane

Concen: 3.22 ppbv

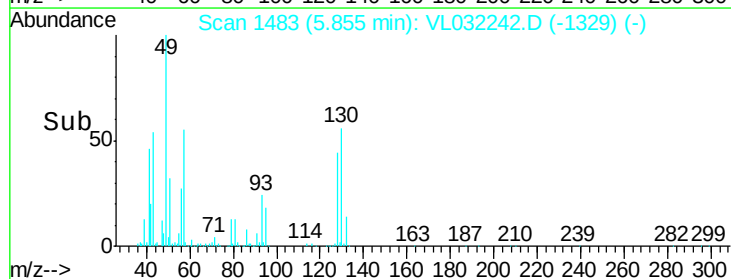
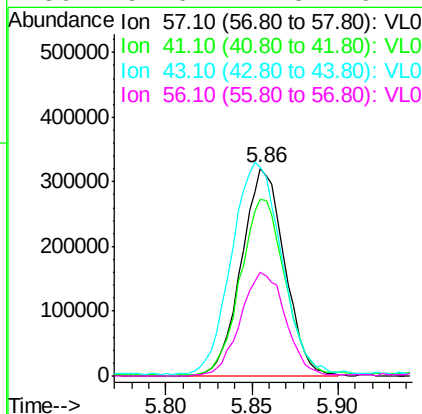
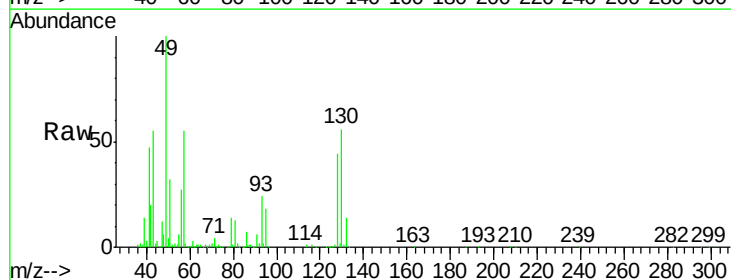
RT: 5.86 min Scan# 1483

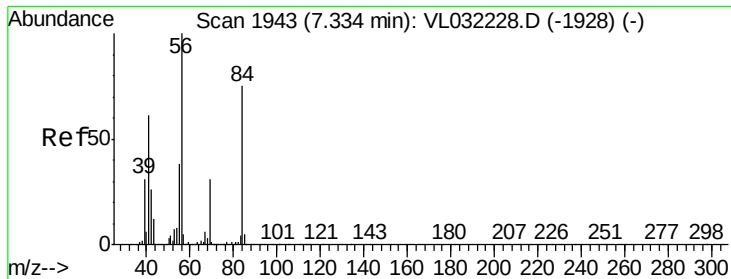
Delta R.T. -0.00 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Tgt Ion:	57	Resp:	553582
Ion	Ratio	Lower	Upper
57	100		
41	89.5	68.7	103.1
43	118.6	176.2	264.2#
56	52.6	42.8	64.2





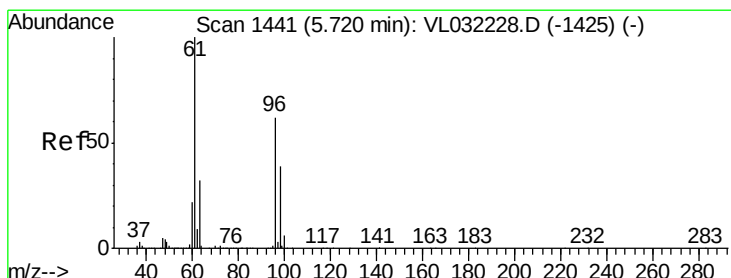
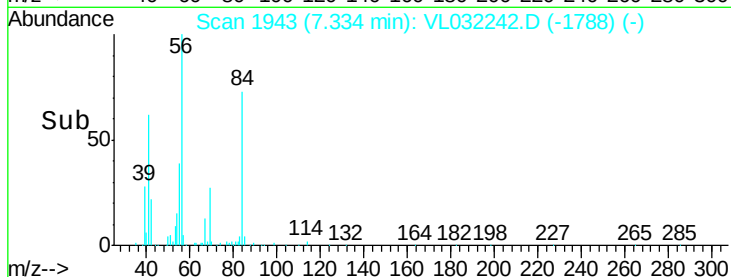
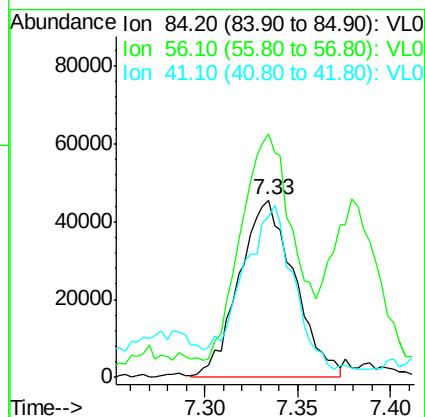
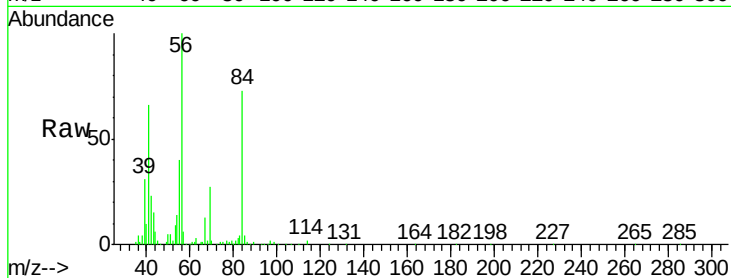
#30
Cyclohexane
Concen: 0.62 ppbv
RT: 7.33 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tot Ion	Ratio	Lower	Upper
84	100		
56	157.6	112.6	168.8
41	90.4	67.0	100.6

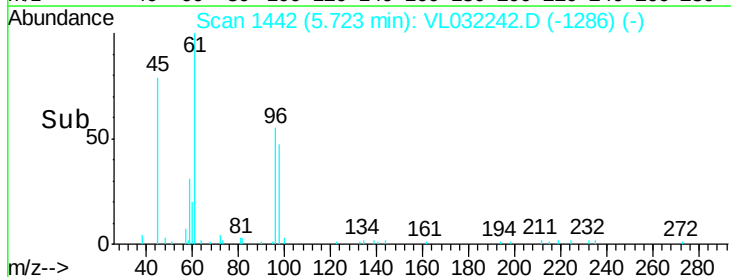
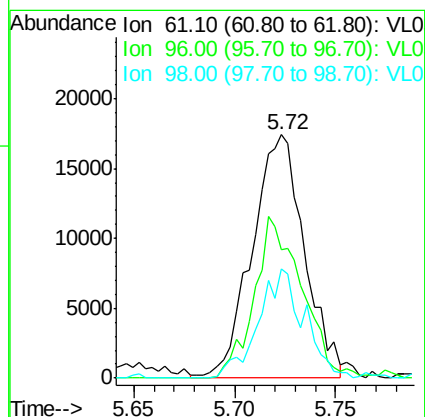
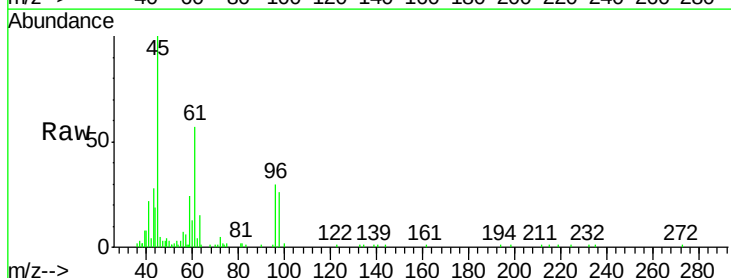
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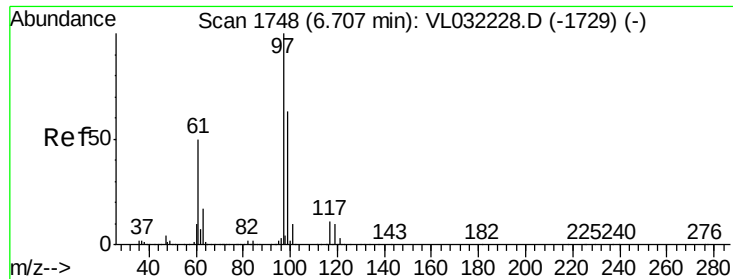
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#31
cis-1,2-Dichloroethene
Concen: 0.18 ppbv
RT: 5.72 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Tgt Ion	Ratio	Lower	Upper
61	100		
96	53.3	49.8	74.8
98	45.2	31.4	47.2





#32

1,1,1-Trichloroethane

Concen: 67.91 ppbv

RT: 6.71 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tot Ion: 97 Resp: 17476905

Ion Ratio Lower Upper

97 100

99 70.0 51.2 76.8

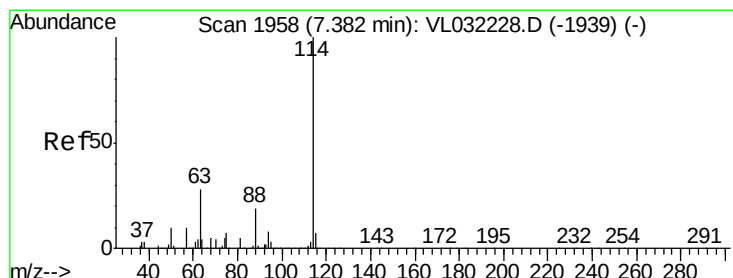
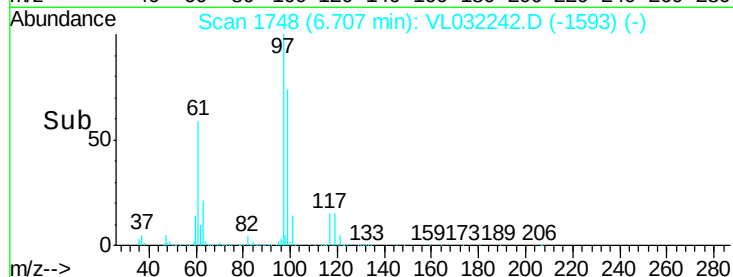
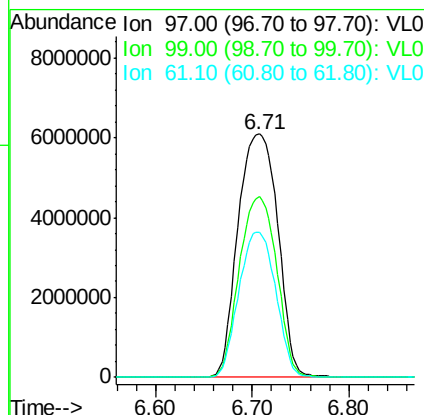
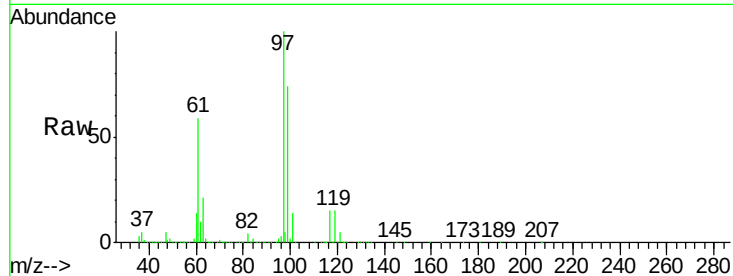
61 55.5 41.3 61.9

Manual Integrations

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#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.38 min Scan# 1958

Delta R.T. -0.00 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

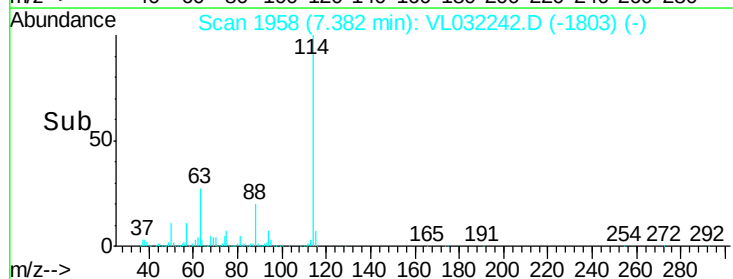
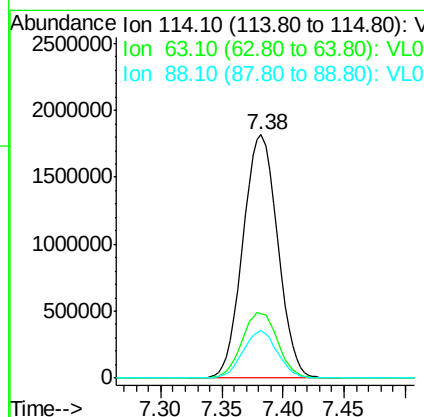
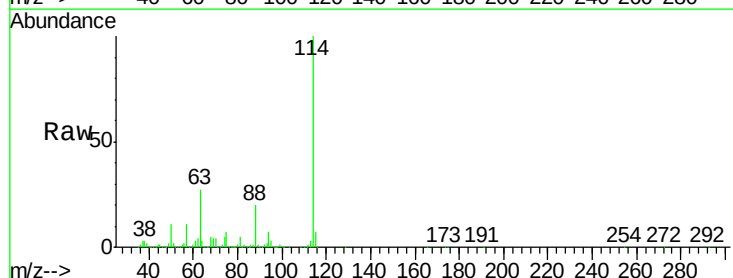
Tgt Ion: 114 Resp: 3575079

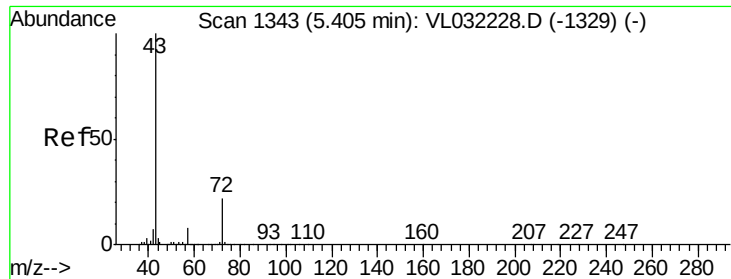
Ion Ratio Lower Upper

114 100

63 27.8 22.5 33.7

88 19.1 15.4 23.0





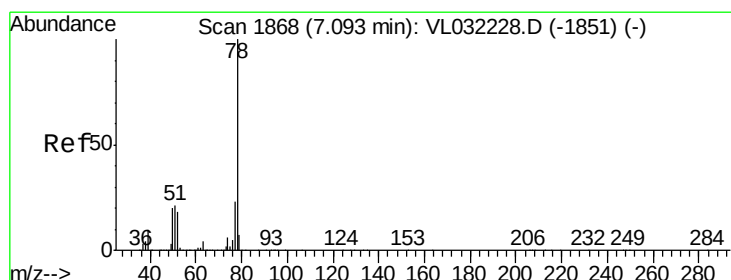
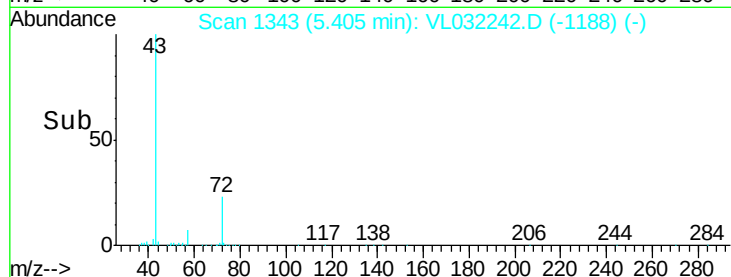
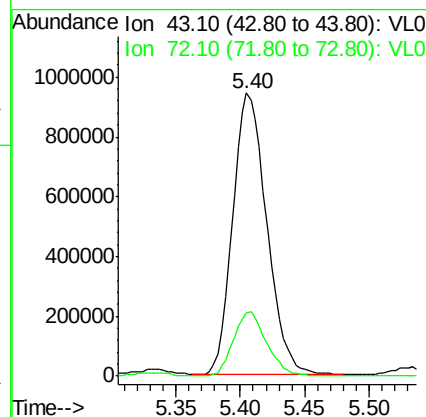
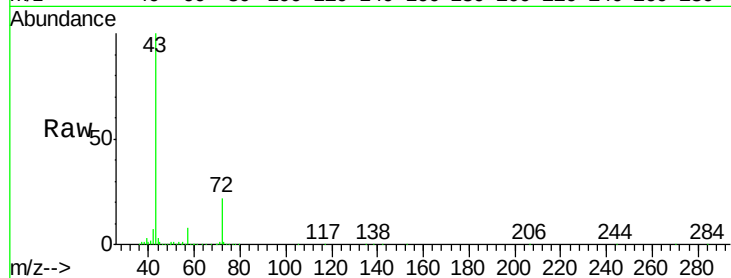
#34
2-Butanone
Concen: 7.07 ppbv
RT: 5.40 min Scan# 1343
Delta R.T. -0.00 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tot Ion: 43 Resp: 1722719
Ion Ratio Lower Upper
43 100
72 22.4 18.1 27.1

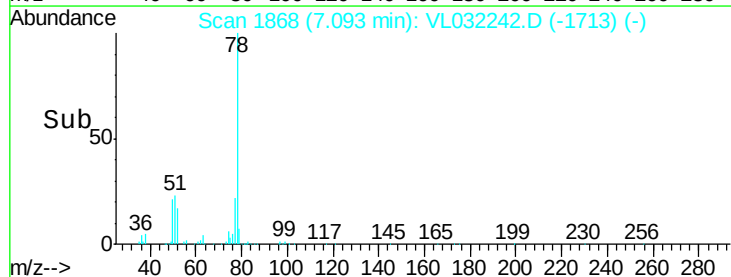
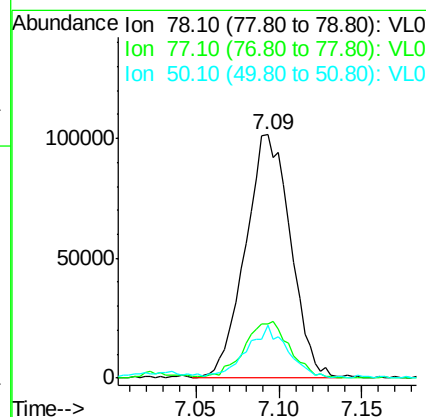
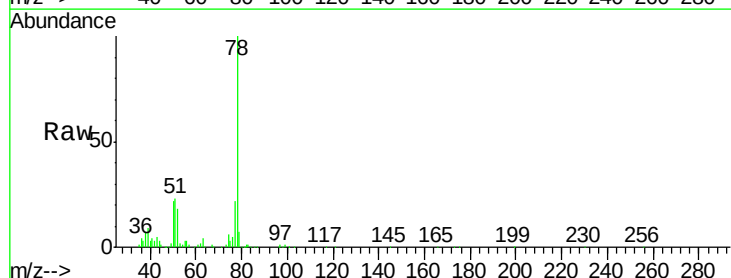
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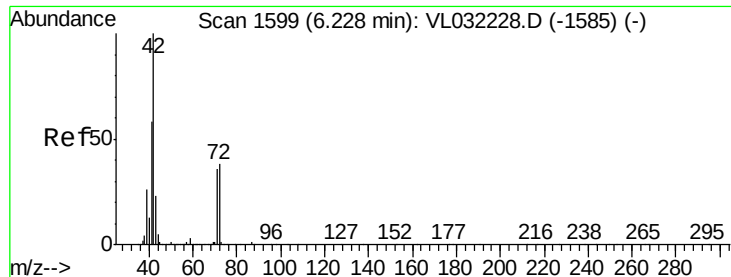
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#36
Benzene
Concen: 0.54 ppbv
RT: 7.09 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Tgt Ion: 78 Resp: 192571
Ion Ratio Lower Upper
78 100
77 22.2 18.0 27.0
50 21.3 15.8 23.8





#41

Tetrahydrofuran

Concen: 0.79 ppbv

RT: 6.23 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Instrument :

MSVOA_L

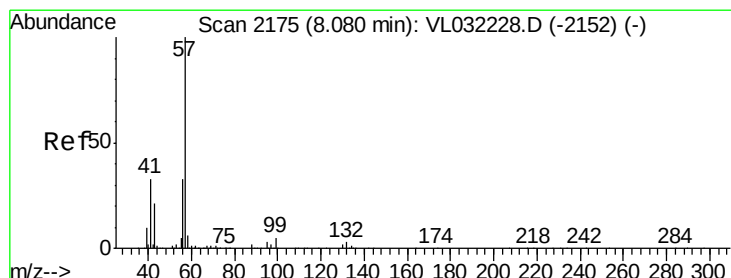
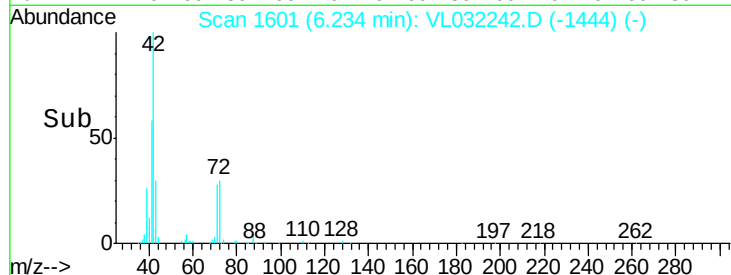
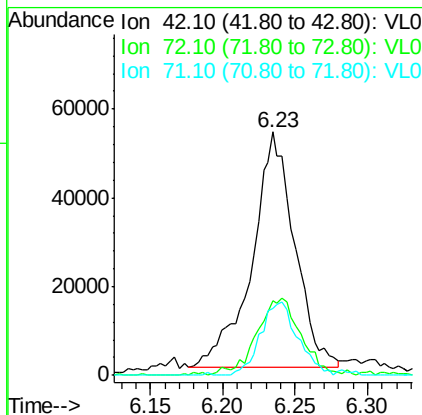
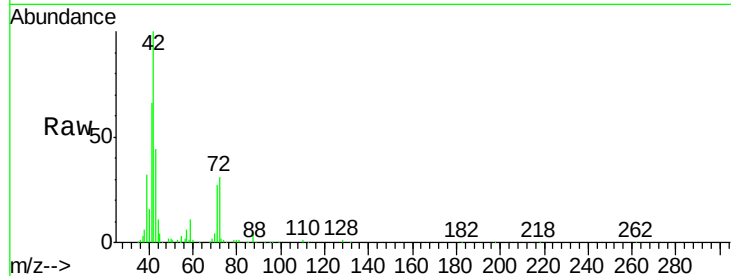
ClientSampleId :

EFFLUENT

Tot Ion:	42	Resp:	107673
Ion Ratio		Lower	Upper
42	100		
72	35.2	30.6	45.8
71	28.7	29.7	44.5#

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#44

2,2,4-Trimethylpentane

Concen: 2.85 ppbv

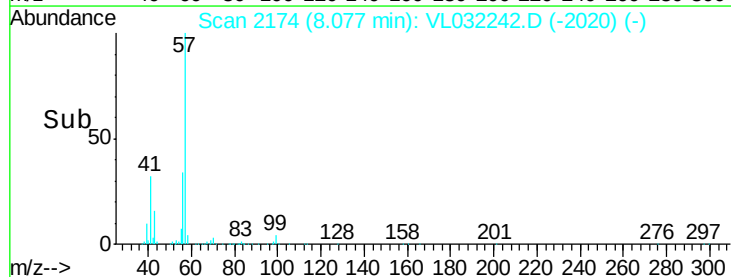
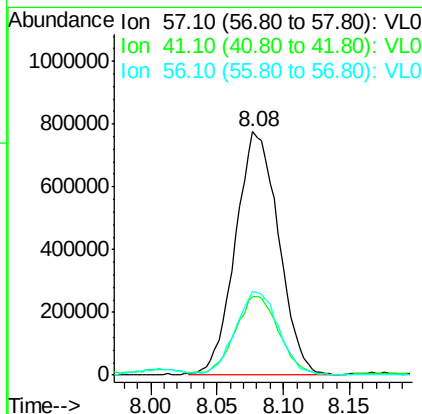
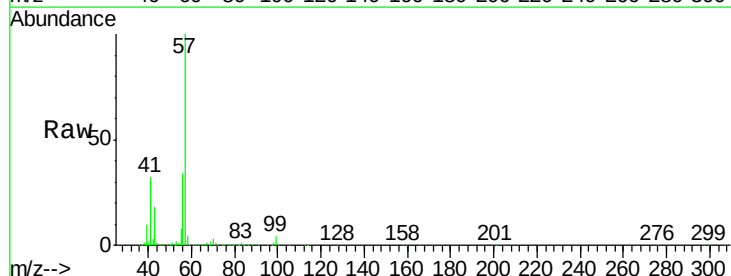
RT: 8.08 min Scan# 2174

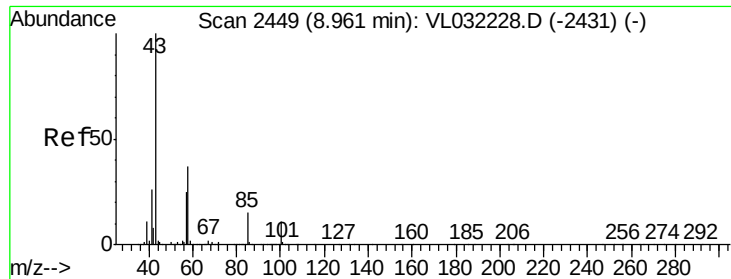
Delta R.T. -0.00 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Tgt Ion:	57	Resp:	1742053
Ion Ratio		Lower	Upper
57	100		
41	32.9	24.7	37.1
56	34.6	25.4	38.0





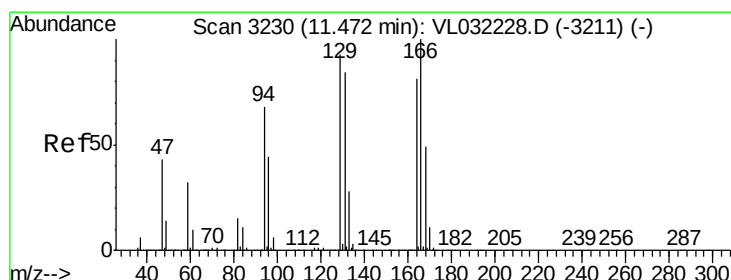
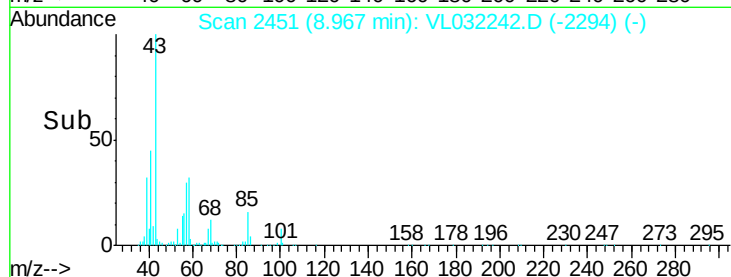
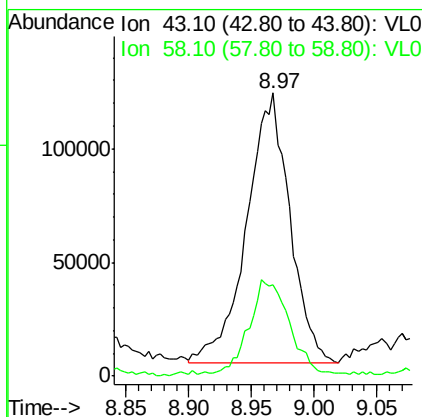
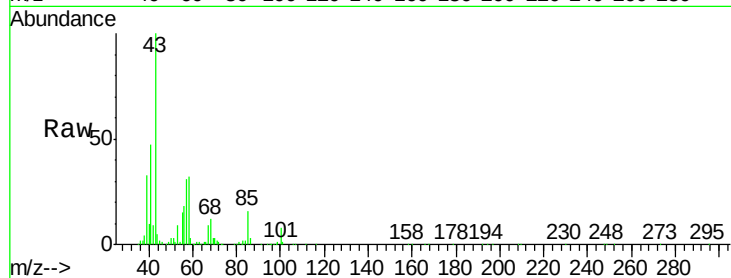
#50
4-Methyl-2-Pentanone
Concen: 0.67 ppbv
RT: 8.97 min Scan# 2451
Delta R.T. 0.01 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.9	29.5	44.3

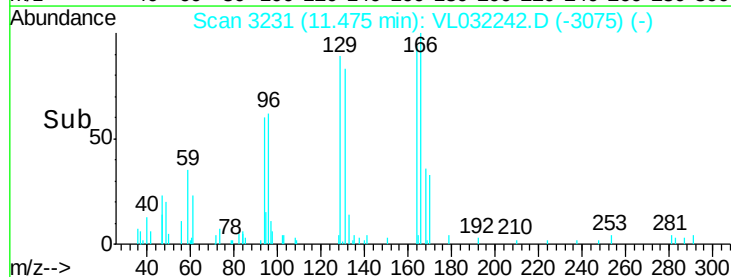
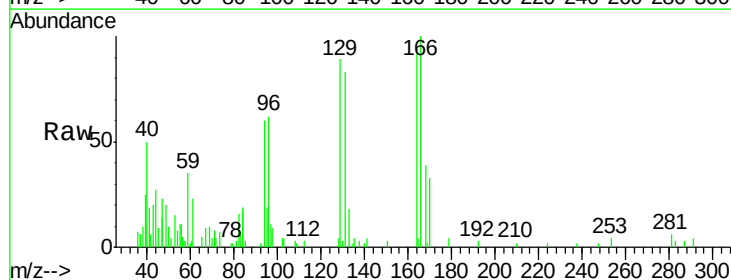
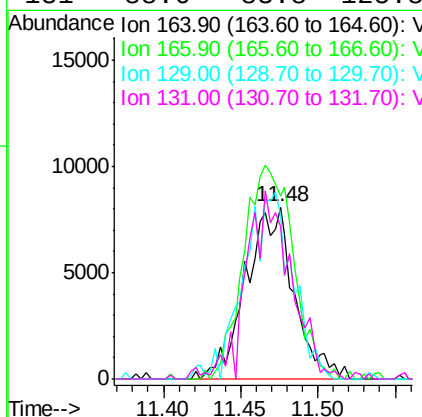
Manual Integrations
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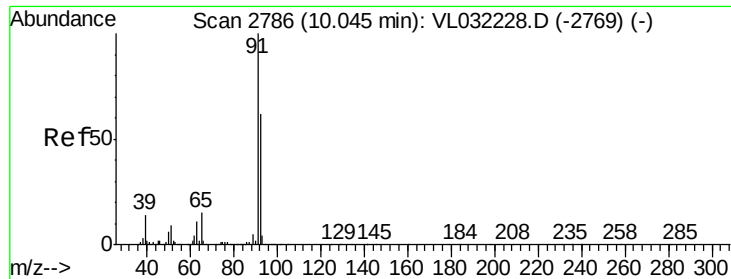
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#52
Tetrachloroethene
Concen: 0.13 ppbv m
RT: 11.48 min Scan# 3231
Delta R.T. 0.00 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	106.8	99.3	148.9
129	95.2	92.0	138.0
131	88.6	83.8	125.8





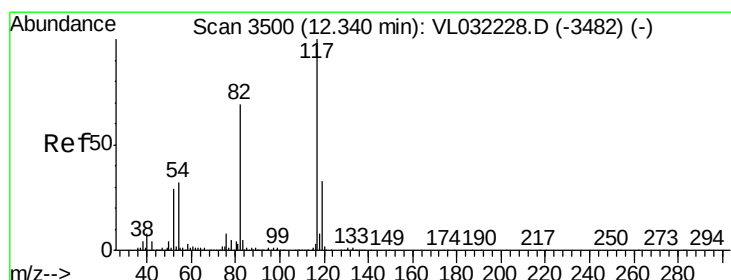
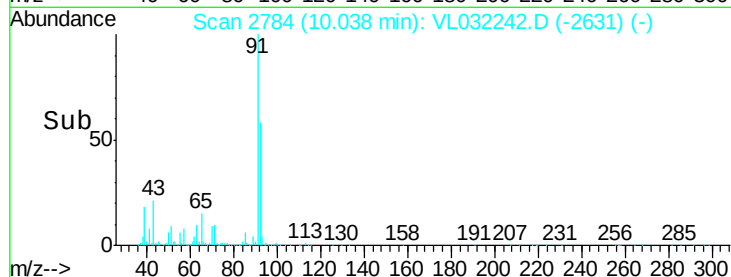
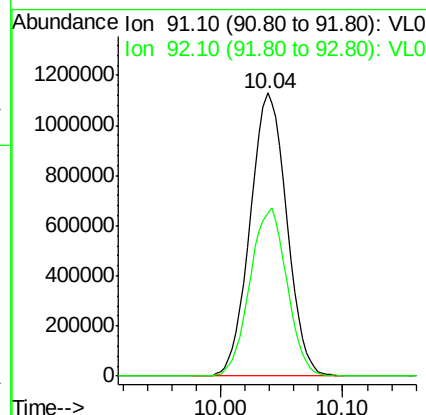
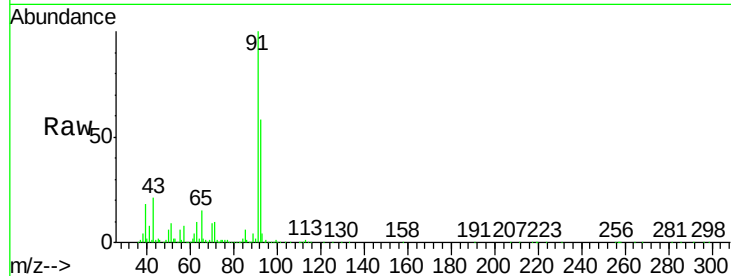
#53
Toluene
Concen: 5.56 ppbv
RT: 10.04 min Scan# 2784
Delta R.T. -0.01 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tot Ion: 91 Resp: 2336265
Ion Ratio Lower Upper
91 100
92 60.1 49.0 73.4

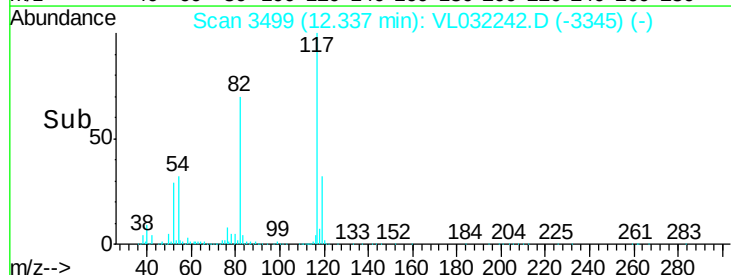
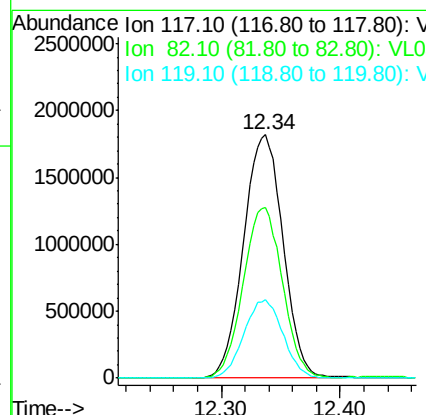
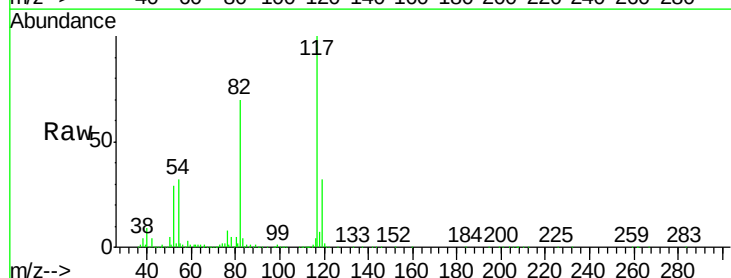
Manual Integrations
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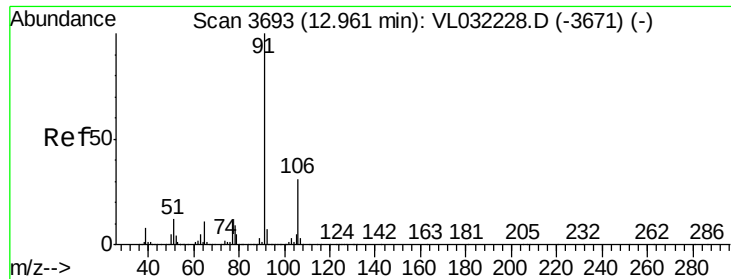
MMDadoda
7/13/2018 5:22:24 PM



#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.34 min Scan# 3499
Delta R.T. -0.00 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Tgt Ion: 117 Resp: 4187466
Ion Ratio Lower Upper
117 100
82 69.6 53.2 79.8
119 32.0 43.9 65.9#





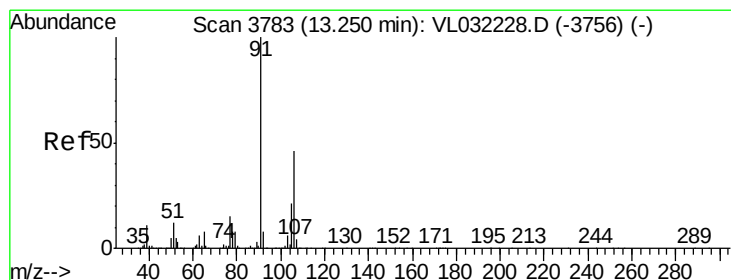
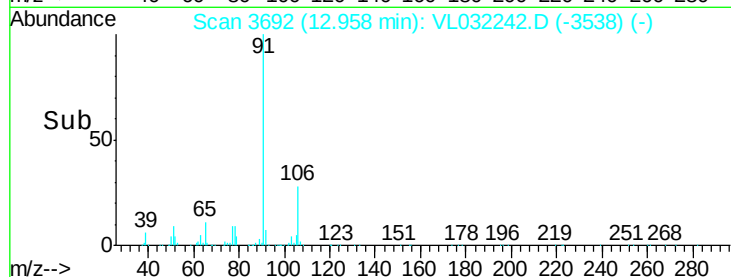
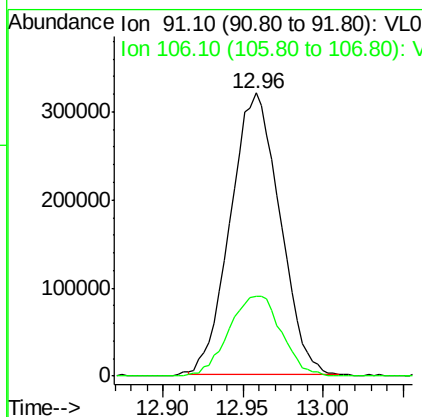
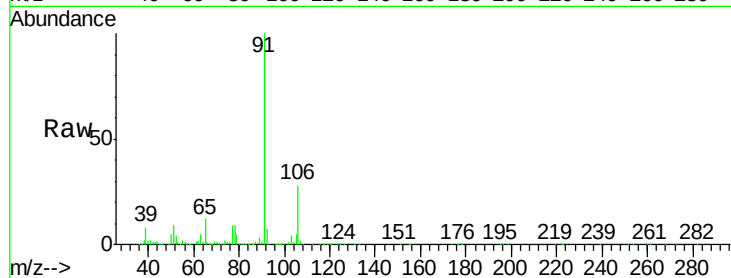
#58
Ethyl Benzene
Concen: 1.11 ppbv
RT: 12.96 min Scan# 3692
Delta R.T. -0.00 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Instrument :
MSVOA_L
ClientSampled :
EFFLUENT

Tot Ion: 91 Resp: 676663
Ion Ratio Lower Upper
91 100
106 28.2 24.5 36.7

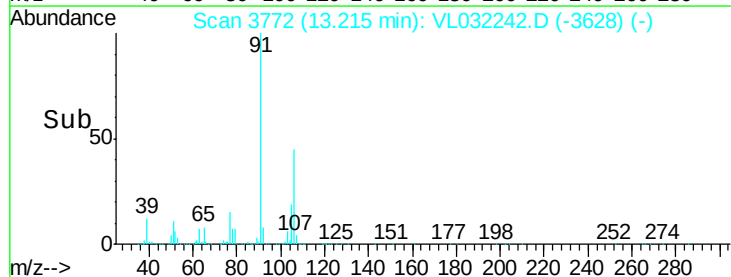
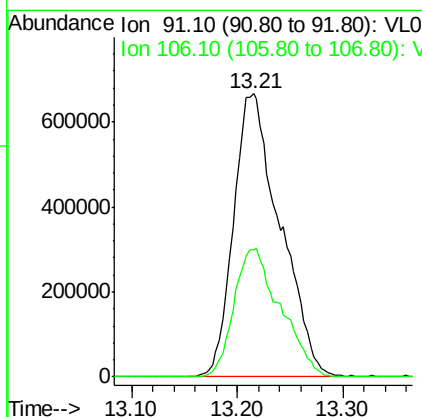
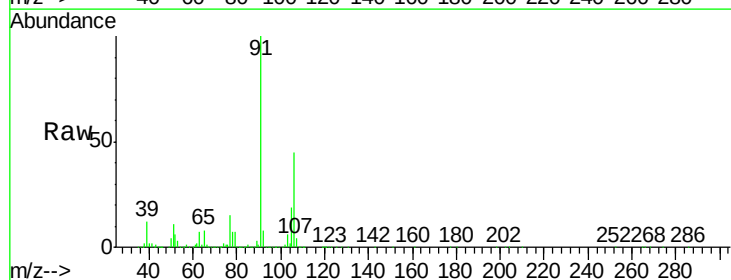
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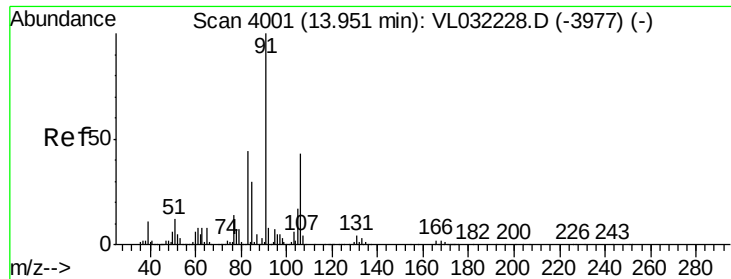
MMDadoda
7/13/2018 5:22:24 PM



#59
m/p-Xylene
Concen: 4.05 ppbv
RT: 13.21 min Scan# 3772
Delta R.T. -0.04 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Tgt Ion: 91 Resp: 2032960
Ion Ratio Lower Upper
91 100
106 45.4 36.4 54.6





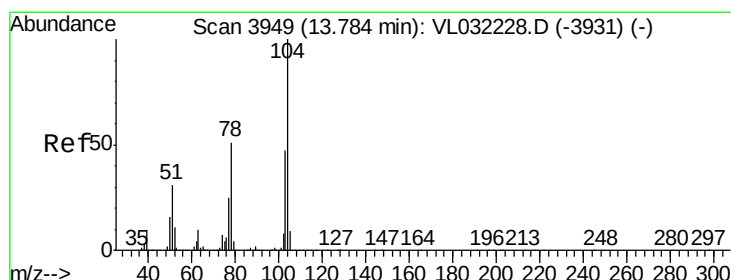
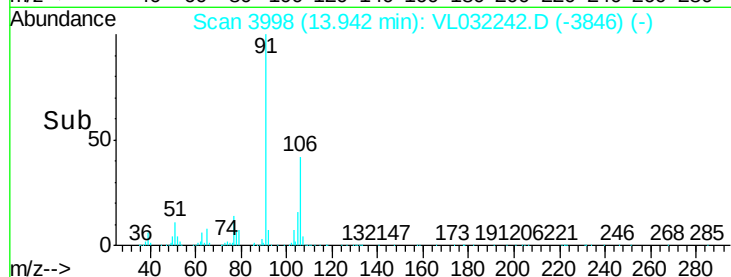
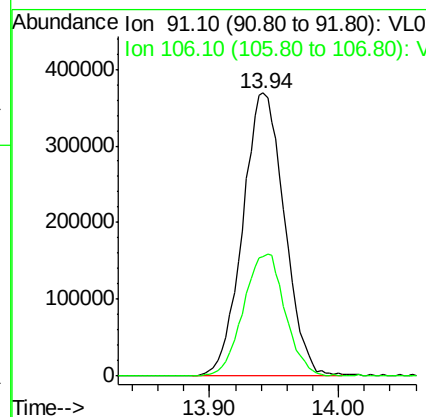
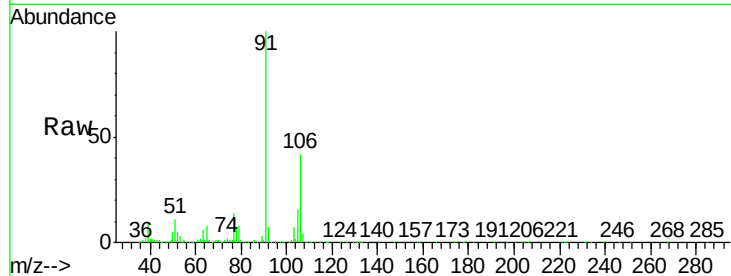
#60
o-Xylene
Concen: 1.67 ppbv
RT: 13.94 min Scan# 3998
Delta R.T. -0.01 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tot Ion: 91 Resp: 824548
Ion Ratio Lower Upper
91 100
106 43.5 21.9 65.5

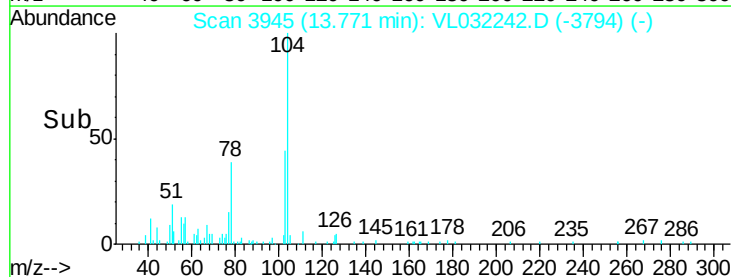
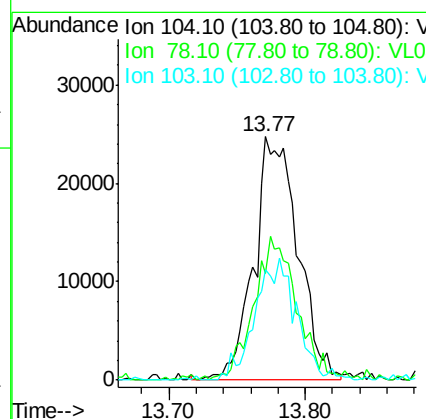
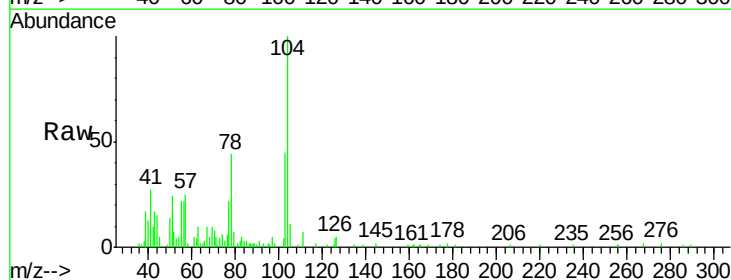
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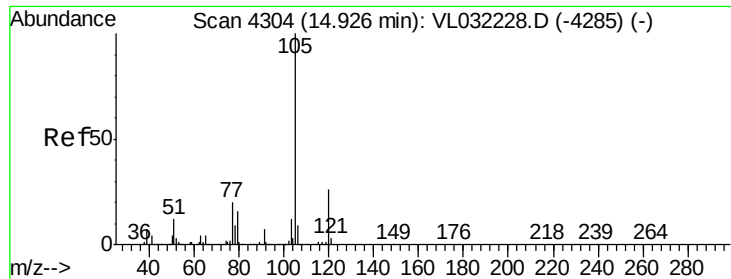
MMDadoda
7/13/2018 5:22:24 PM



#61
Styrene
Concen: 0.15 ppbv m
RT: 13.77 min Scan# 3945
Delta R.T. -0.01 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Tgt Ion: 104 Resp: 55330
Ion Ratio Lower Upper
104 100
78 0.0 43.4 65.0#
103 47.0 38.0 57.0





#62

Isopropylbenzene

Concen: 0.07 ppbv

RT: 14.92 min Scan# 4302

Delta R.T. -0.01 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Instrument :

MSVOA_L

ClientSampled :

EFFLUENT

Tot Ion: 105 Resp: 49186

Ion Ratio Lower Upper

105 100

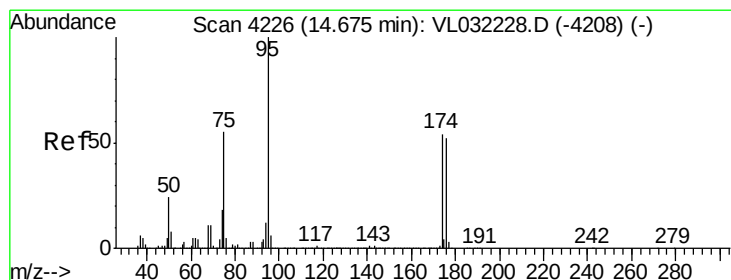
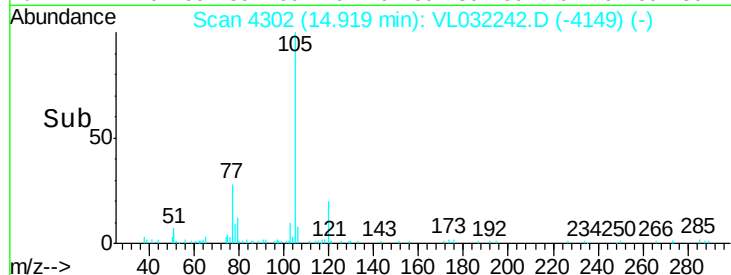
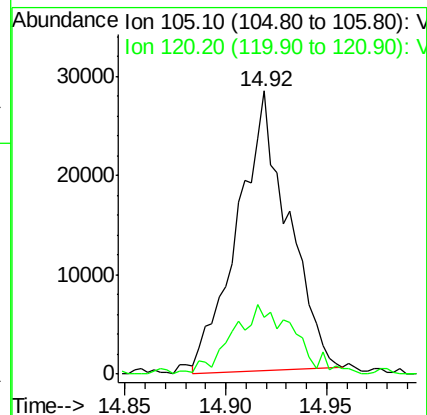
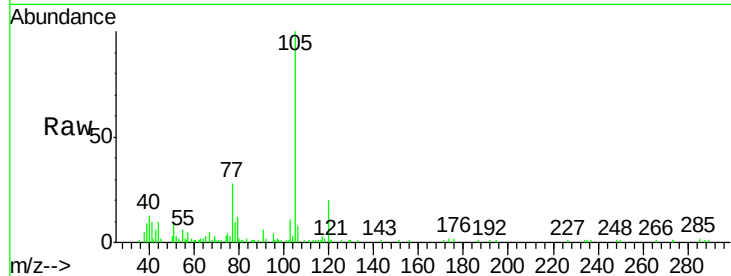
120 31.6 20.2 30.2#

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.74 ppbv

RT: 14.67 min Scan# 4225

Delta R.T. -0.00 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

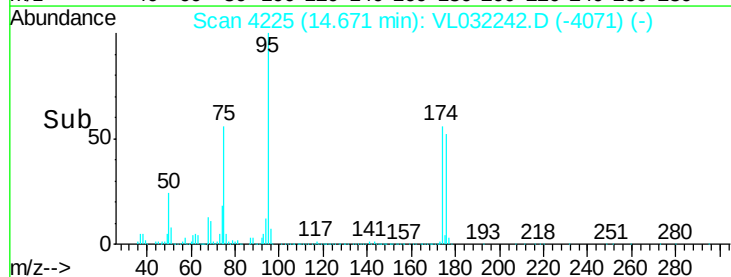
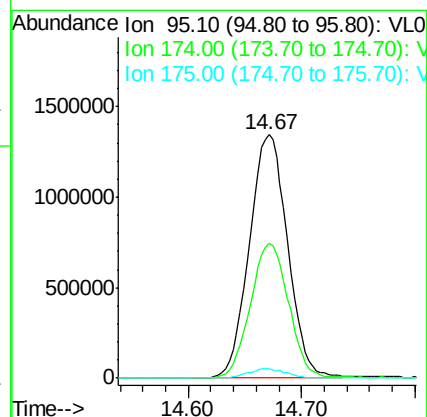
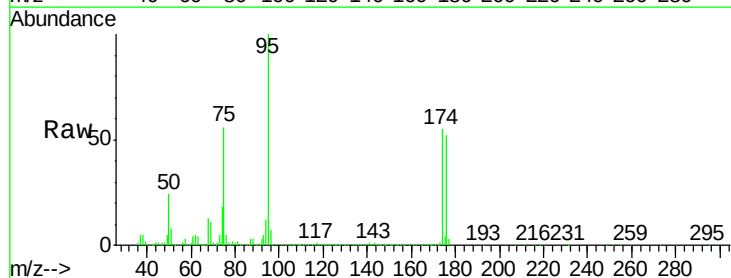
Tgt Ion: 95 Resp: 3157499

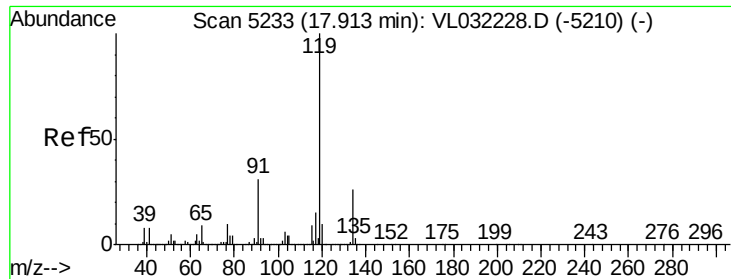
Ion Ratio Lower Upper

95 100

174 56.1 44.6 67.0

175 4.0 3.3 4.9





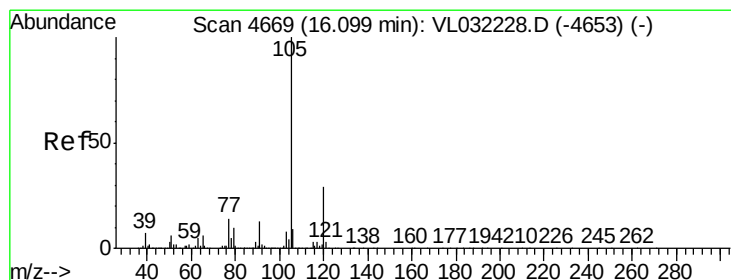
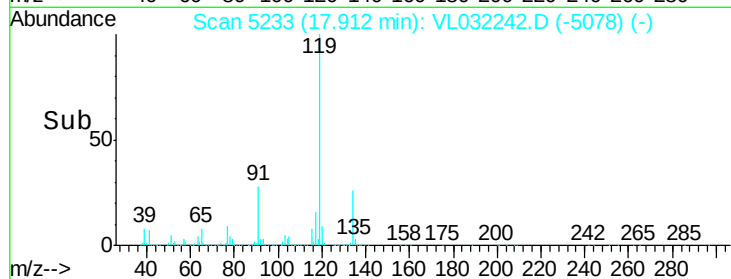
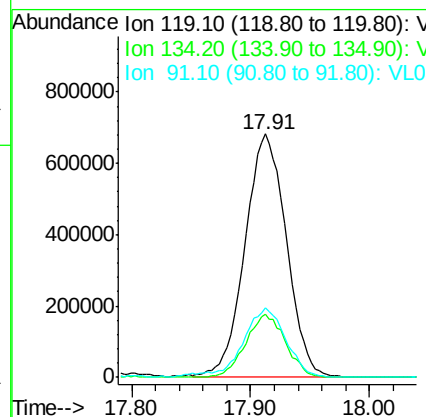
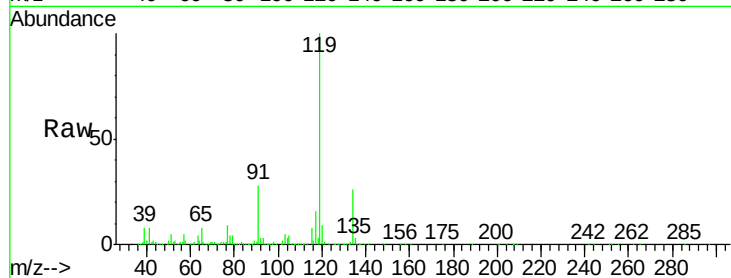
#69
p-Isopropyltoluene
Concen: 2.46 ppbv
RT: 17.91 min Scan# 5233
Delta R.T. -0.00 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.1	30.1
91	29.9	24.2	36.2

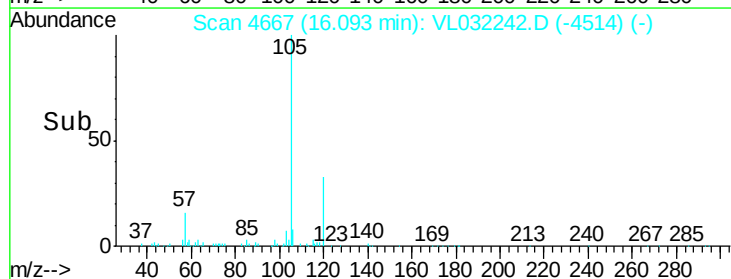
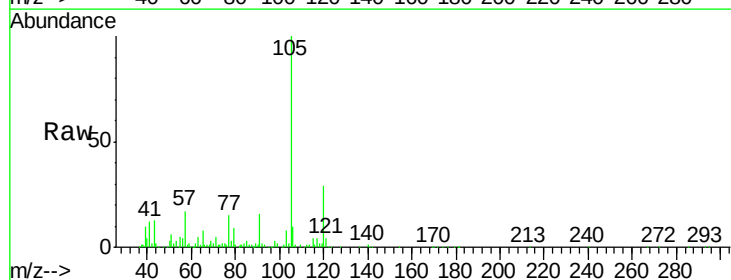
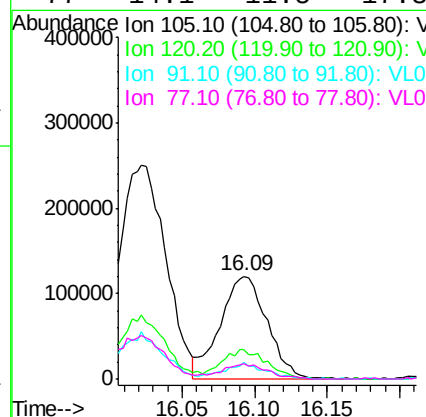
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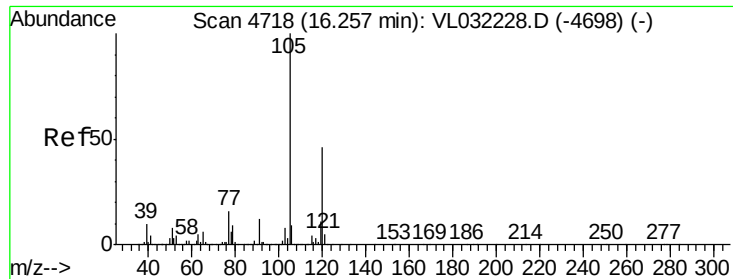
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#72
4-Ethyltoluene
Concen: 0.48 ppbv
RT: 16.09 min Scan# 4667
Delta R.T. -0.01 min
Lab File: VL032242.D
Acq: 13 Jul 2018 8:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.2	23.3	34.9
91	14.0	10.3	15.5
77	14.1	11.5	17.3





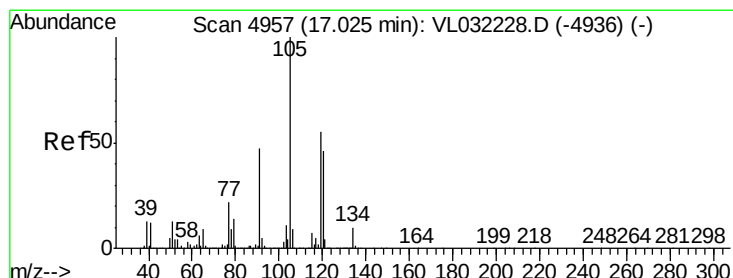
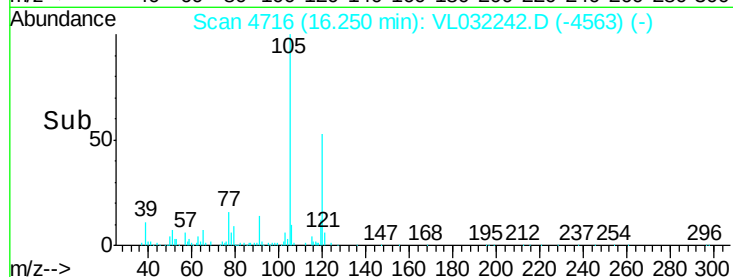
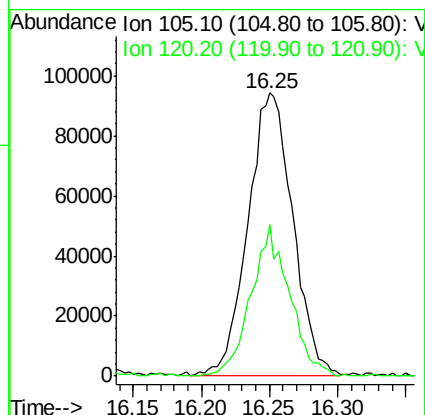
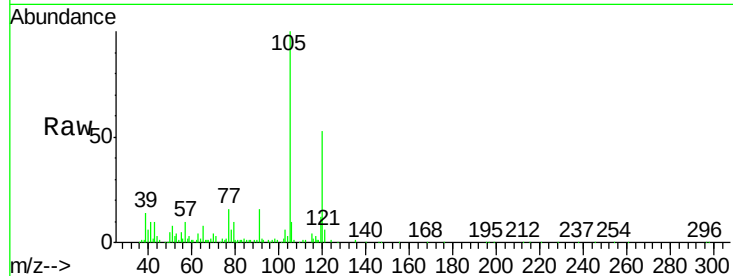
#73
 1,3,5-Trimethylbenzene
 Concen: 0.42 ppbv
 RT: 16.25 min Scan# 4716
 Delta R.T. -0.01 min
 Lab File: VL032242.D
 Acq: 13 Jul 2018 8:16

Instrument :
 MSVOA_L
 ClientSampled :
 EFFLUENT

Tot Ion	Ratio	Lower	Upper
105	100		
120	53.3	36.6	54.8

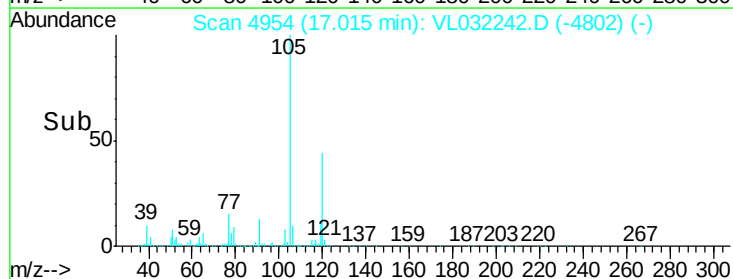
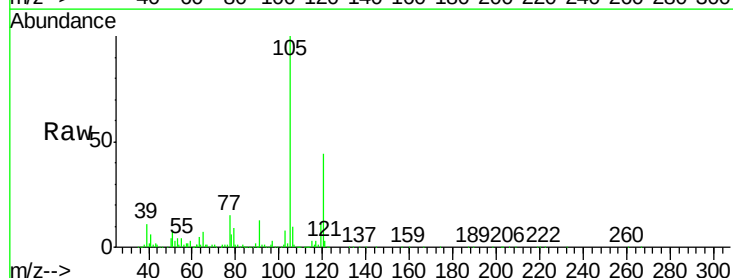
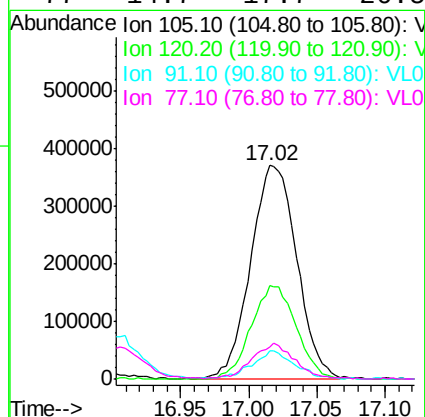
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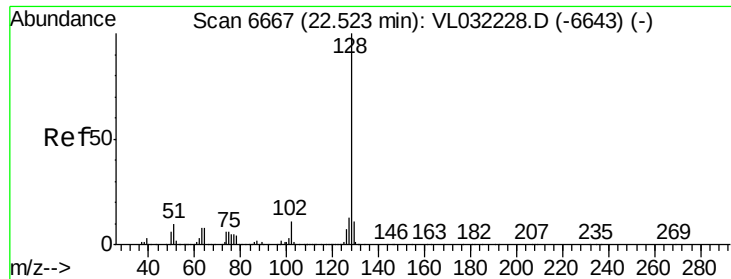
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#74
 1,2,4-Trimethylbenzene
 Concen: 1.64 ppbv
 RT: 17.02 min Scan# 4954
 Delta R.T. -0.01 min
 Lab File: VL032242.D
 Acq: 13 Jul 2018 8:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	37.0	55.4
91	12.6	38.2	57.2#
77	14.7	17.7	26.5#





#79

Naphthalene

Concen: 0.21 ppbv m

RT: 22.53 min Scan# 6669

Delta R.T. 0.01 min

Lab File: VL032242.D

Acq: 13 Jul 2018 8:16

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tot Ion:	128	Resp:	72960
Ion Ratio	Lower	Upper	
128	100		
127	18.1	10.0	15.0#
129	12.8	9.0	13.4

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