

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070218\
 Data File : VL032194.D
 Acq On : 2 Jul 2018 23:06
 Operator : SY/AP
 Sample : J3753-03DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

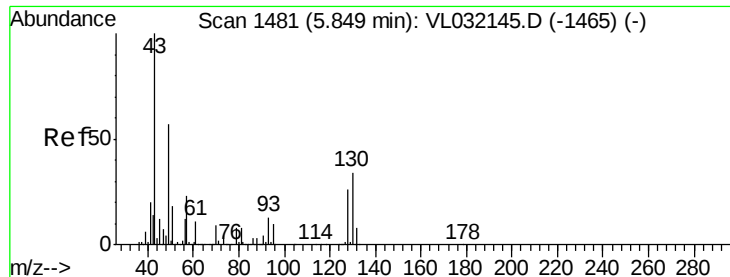
Quant Time: Jul 03 05:06:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1453873	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3595811	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3330821	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.67	95	2508431	9.85	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.13	85	10453	0.055	ppbv	99
3) Chlorodifluoromethane	3.04	51	8054	0.045	ppbv #	82
7) Chloroethane	3.66	64	4872	0.144	ppbv #	78
9) Propene	3.09	41	20029	0.242	ppbv	97
10) Heptane	8.34	43	25048	0.104	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.63	101	84652	0.614	ppbv	94
13) Ethanol	3.72	45	1526928	60.836	ppbv	98
15) Acetone	3.97	43	852843	5.017	ppbv	99
16) 1,3-Butadiene	3.40	39	19316	0.238	ppbv #	9
17) tert-Butyl alcohol	4.44	59	128515	1.187	ppbv	96
18) 1,1-Dichloroethene	4.42	96	17356	0.263	ppbv	97
19) Isopropyl Alcohol	4.10	45	829197	5.871	ppbv #	41
20) Methylene Chloride	4.48	84	14960	0.241	ppbv #	89
22) trans-1,2-Dichloroethene	5.05	96	4462	0.065	ppbv #	53
23) Vinyl Acetate	5.22	43	47512	0.154	ppbv #	57
24) 1,1-Dichloroethane	5.17	63	312260	1.581	ppbv	97
25) Ethyl Acetate	5.86	43	39808	0.113	ppbv #	91
26) Hexane	5.86	57	33984	0.210	ppbv #	69
30) Cyclohexane	7.34	84	6073	0.040	ppbv #	1
32) 1,1,1-Trichloroethane	6.71	97	3390576	13.719	ppbv	99
34) 2-Butanone	5.41	43	148346	0.650	ppbv	99
36) Benzene	7.09	78	18037	0.052	ppbv #	93
37) 1,2-Dichloroethane	6.70	62	233454	1.346	ppbv #	1
39) 1,2-Dichloropropane	7.38	63	951981	6.936	ppbv #	27
44) 2,2,4-Trimethylpentane	8.08	57	159230	0.261	ppbv #	89
53) Toluene	10.04	91	185584	0.441	ppbv	98
58) Ethyl Benzene	12.96	91	22056	0.041	ppbv	95
59) m/p-Xylene	13.25	91	27760	0.065	ppbv #	29
60) o-Xylene	13.95	91	33919	0.079	ppbv #	55
69) p-Isopropyltoluene	17.91	119	106390	0.156	ppbv #	91
74) 1,2,4-Trimethylbenzene	17.02	105	40509	0.077	ppbv #	73
75) 1,3-Dichlorobenzene	17.27	146	118023	0.394	ppbv	79
76) 1,4-Dichlorobenzene	17.27	146	118023	0.388	ppbv #	66

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.85 min Scan# 1480

Delta R.T. -0.02 min

Lab File: VL032194.D

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MSVOA_L

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EFFLUENTDL

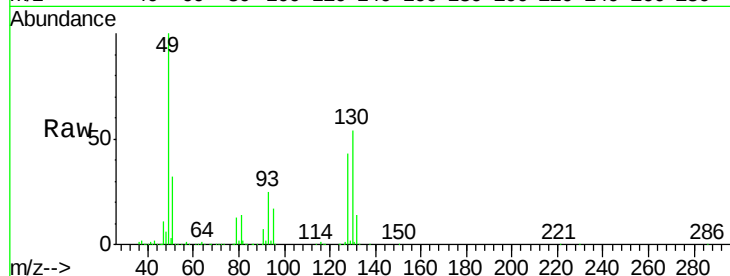
Tgt Ion: 49 Resp: 1453873

Ion Ratio Lower Upper

49 100

128 44.6 23.4 70.0

130 56.3 30.3 90.9



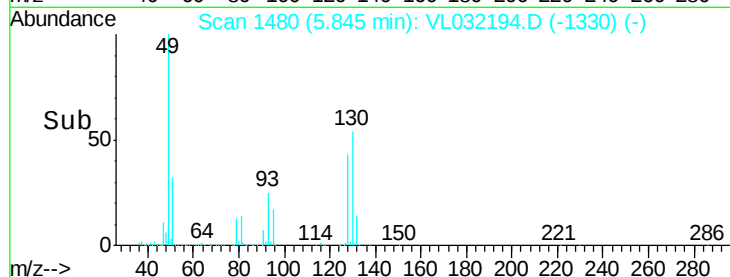
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

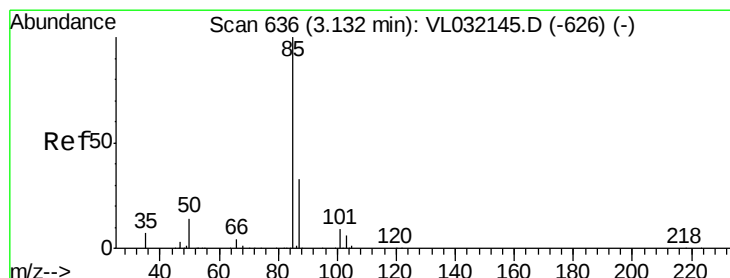
Ion 130.00 (129.70 to 130.70): VL0

Time-->

5.85



Time-->



#2

Dichlorodifluoromethane

Concen: 0.055 ppbv

RT: 3.13 min Scan# 636

Delta R.T. -0.01 min

Lab File: VL032194.D

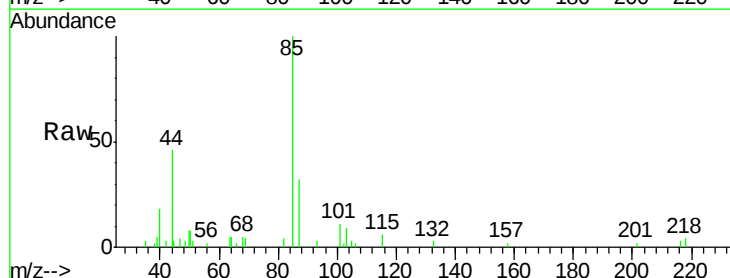
Acq: 2 Jul 2018 23:06

Tgt Ion: 85 Resp: 10453

Ion Ratio Lower Upper

85 100

87 32.7 26.7 40.1

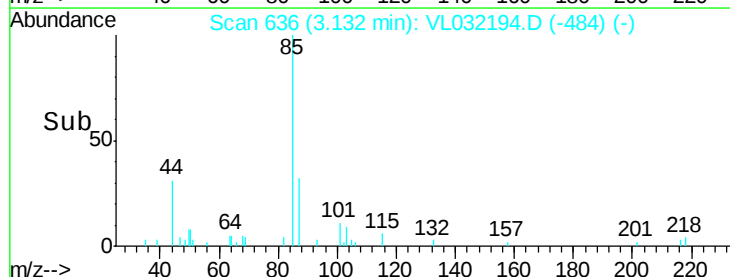


Abundance Ion 85.00 (84.70 to 85.70): VL0

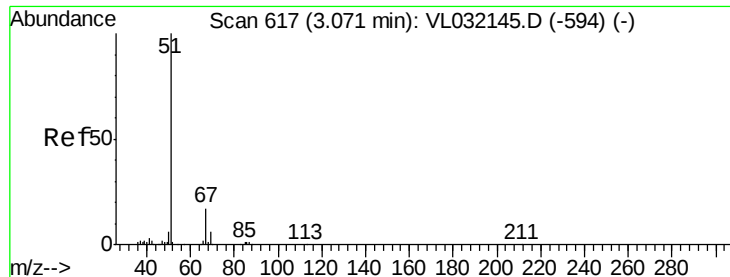
Ion 87.00 (86.70 to 87.70): VL0

Time-->

3.13



Time-->



#3

Chlorodifluoromethane

Concen: 0.045 ppbv

RT: 3.04 min Scan# 609

Delta R.T. -0.03 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

Instrument :

MSVOA_L

ClientSampleId :

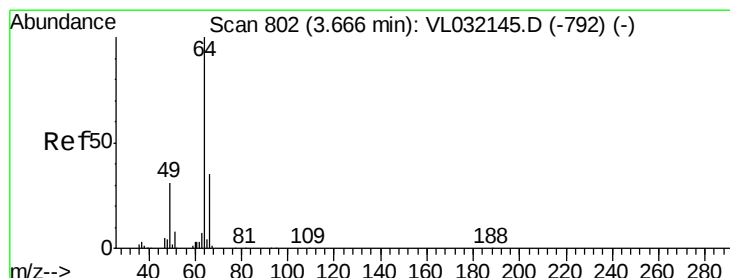
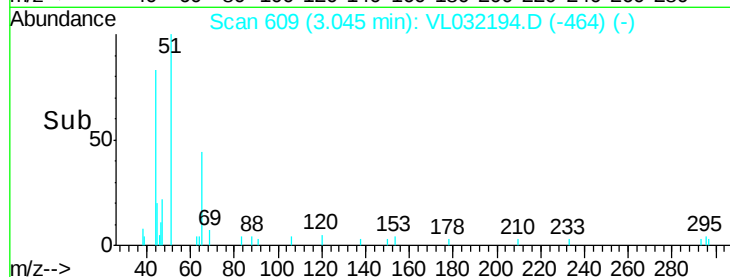
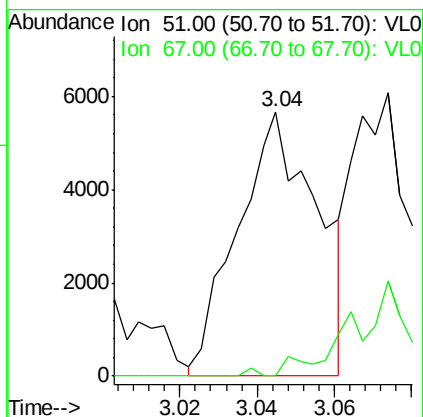
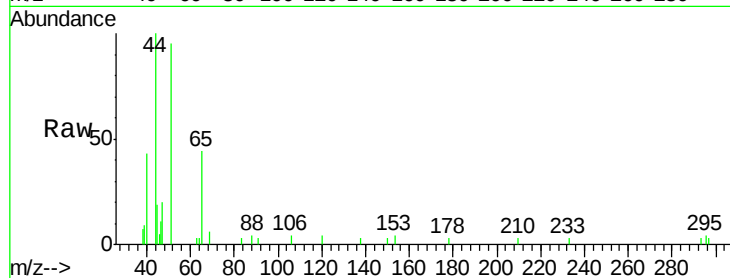
EFFLUENTDL

Tgt Ion: 51 Resp: 8054

Ion Ratio Lower Upper

51 100

67 24.4 13.2 19.8#



#7

Chloroethane

Concen: 0.144 ppbv

RT: 3.66 min Scan# 800

Delta R.T. -0.01 min

Lab File: VL032194.D

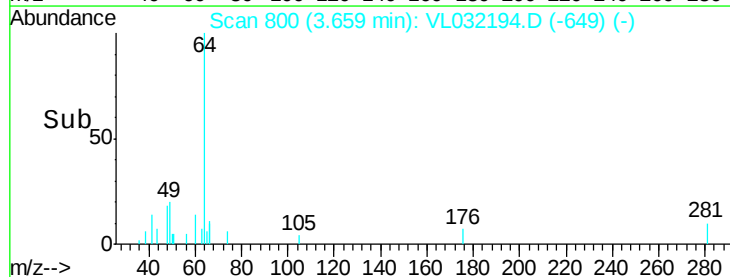
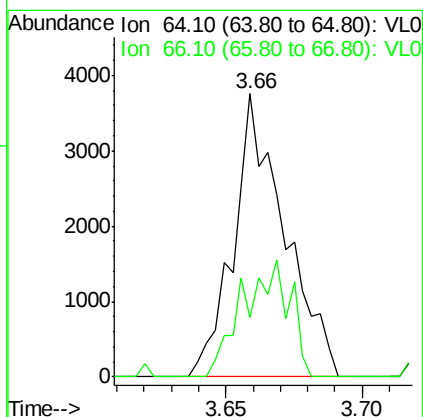
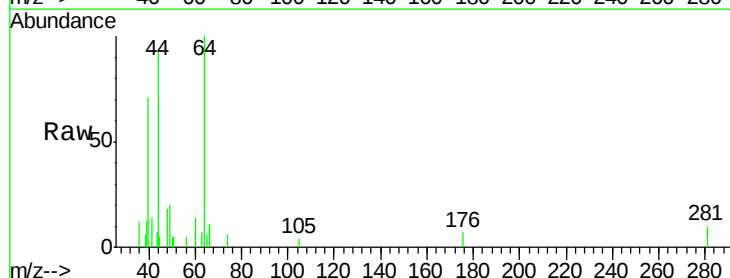
Acq: 2 Jul 2018 23:06

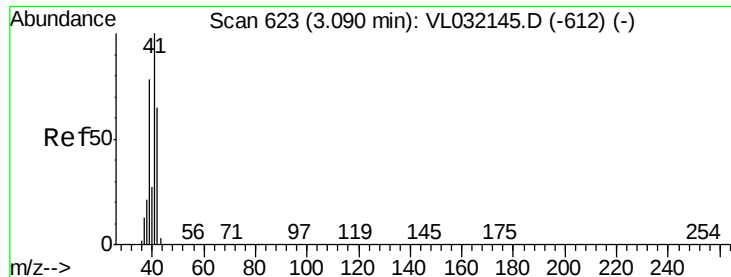
Tgt Ion: 64 Resp: 4872

Ion Ratio Lower Upper

64 100

66 21.1 26.9 40.3#





#9

Propene

Concen: 0.242 ppbv

RT: 3.09 min Scan# 624

Delta R.T. -0.01 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

Instrument :

MSVOA_L

ClientSampleId :

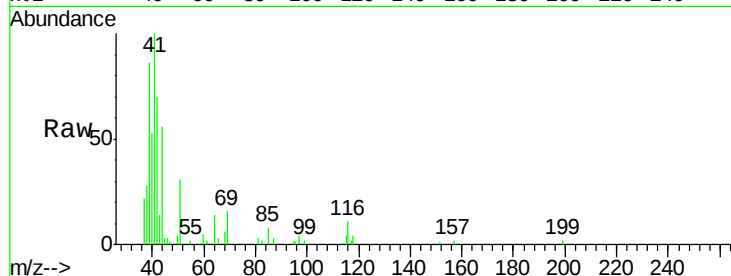
EFFLUENTDL

Tgt Ion: 41 Resp: 20029

Ion Ratio Lower Upper

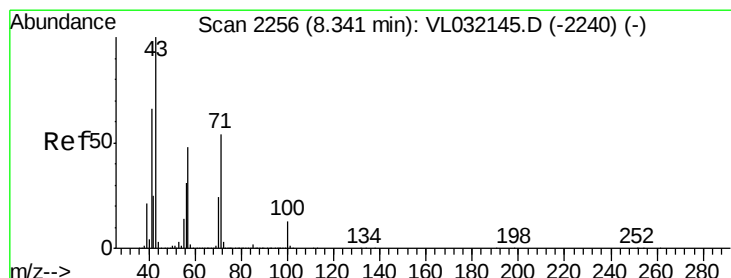
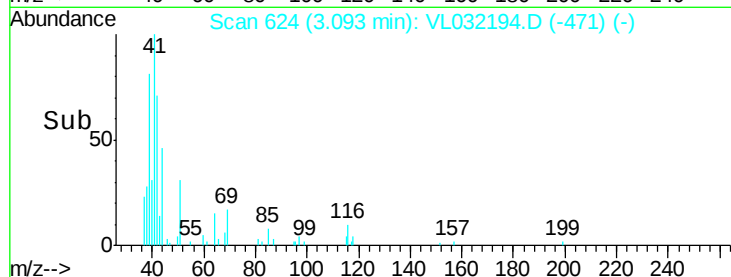
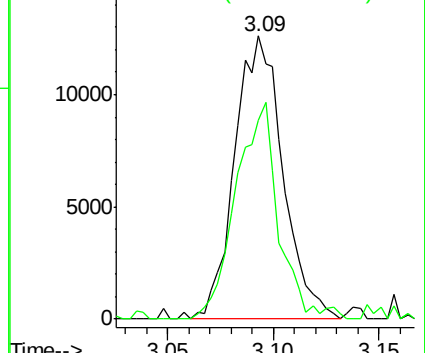
41 100

42 67.6 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.104 ppbv

RT: 8.34 min Scan# 2256

Delta R.T. -0.02 min

Lab File: VL032194.D

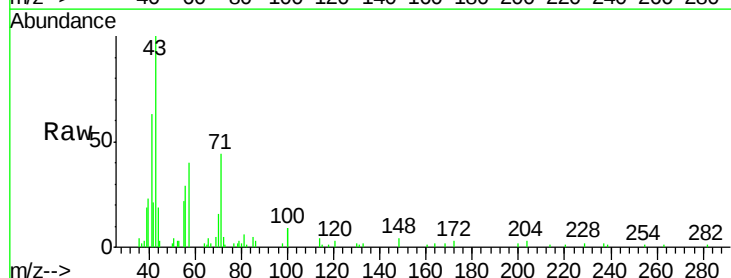
Acq: 2 Jul 2018 23:06

Tgt Ion: 43 Resp: 25048

Ion Ratio Lower Upper

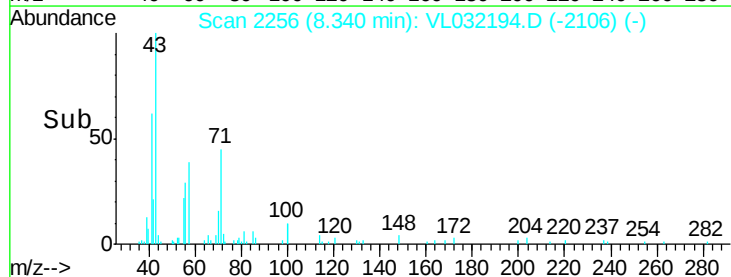
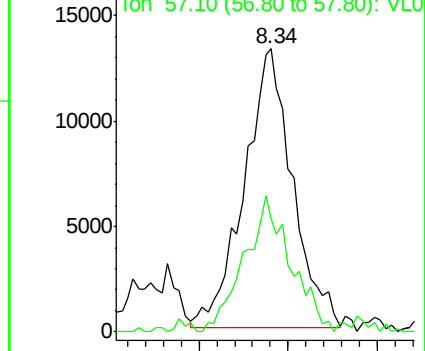
43 100

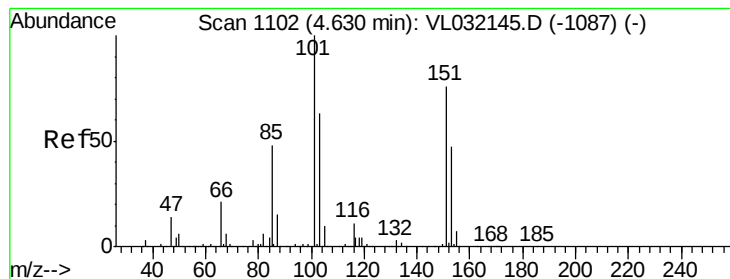
57 48.9 39.8 59.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.614 ppbv

RT: 4.63 min Scan# 1101

Delta R.T. -0.01 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

Instrument :

MSVOA_L

ClientSampleId :

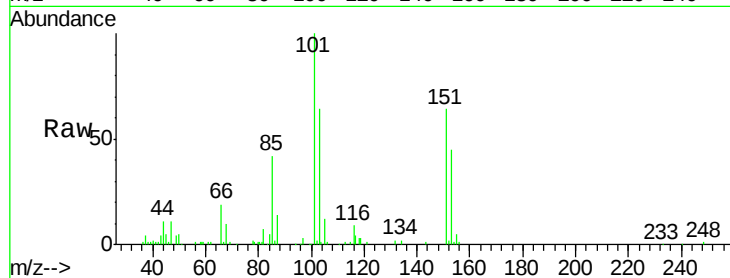
EFFLUENTDL

Tgt Ion:101 Resp: 84652

Ion Ratio Lower Upper

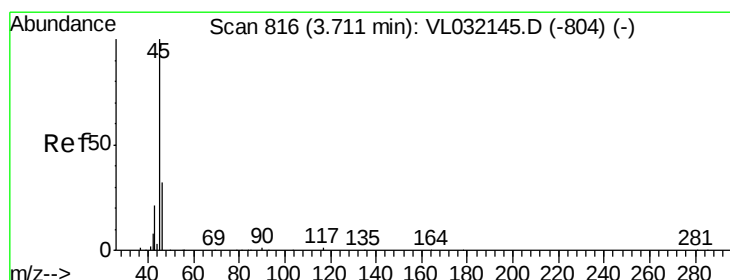
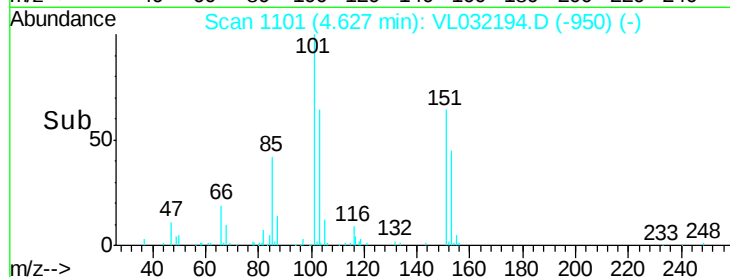
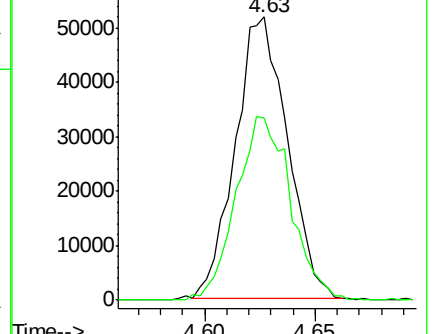
101 100

151 68.7 58.8 88.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 60.836 ppbv

RT: 3.72 min Scan# 818

Delta R.T. -0.01 min

Lab File: VL032194.D

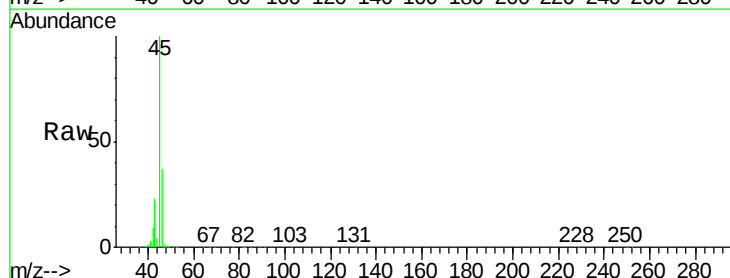
Acq: 2 Jul 2018 23:06

Tgt Ion: 45 Resp: 1526928

Ion Ratio Lower Upper

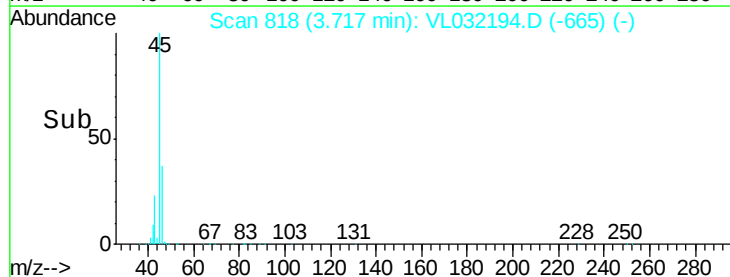
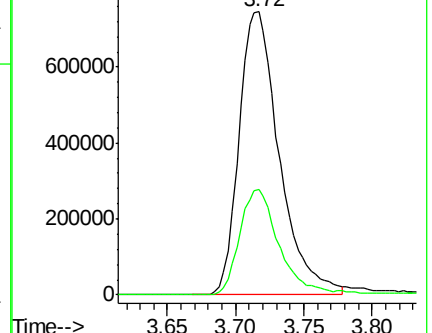
45 100

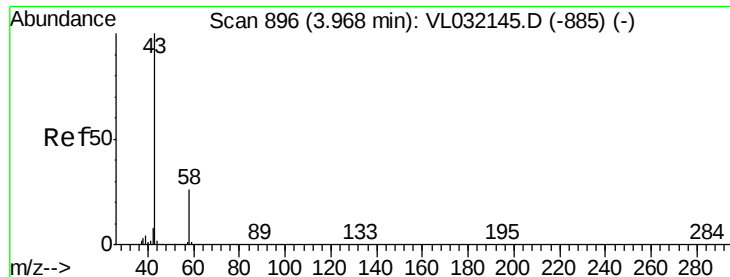
46 37.6 14.6 58.4



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 5.017 ppbv

RT: 3.97 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

Instrument :

MSVOA_L

ClientSampleId :

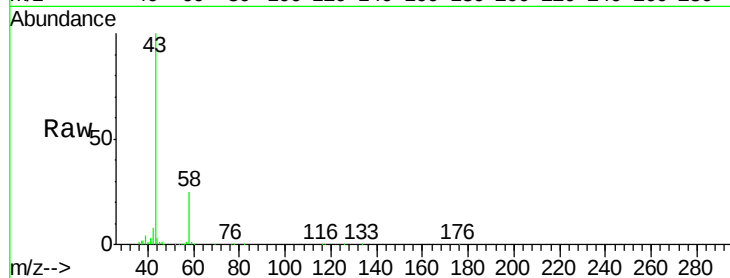
EFFLUENTDL

Tgt Ion: 43 Resp: 852843

Ion Ratio Lower Upper

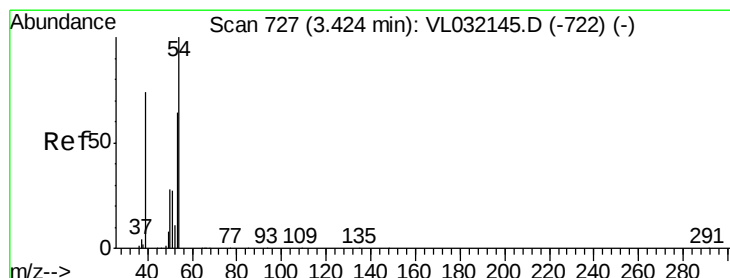
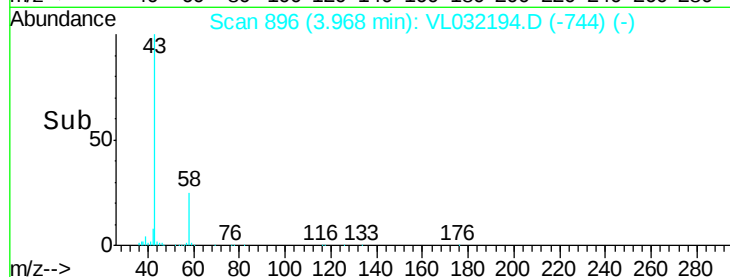
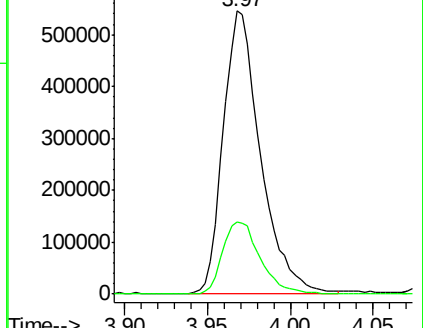
43 100

58 26.1 21.4 32.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 0.238 ppbv

RT: 3.40 min Scan# 720

Delta R.T. -0.03 min

Lab File: VL032194.D

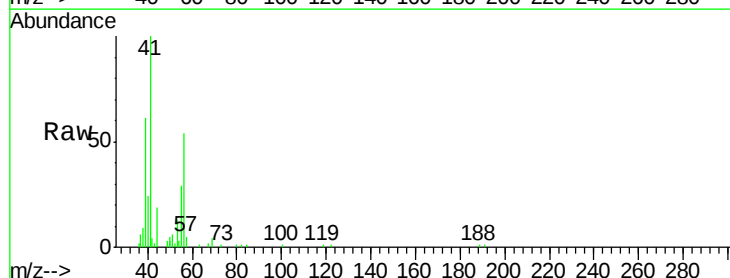
Acq: 2 Jul 2018 23:06

Tgt Ion: 39 Resp: 19316

Ion Ratio Lower Upper

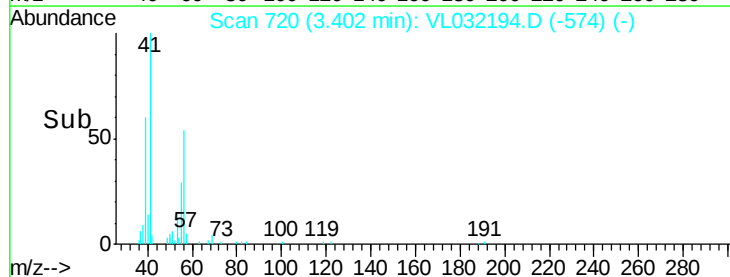
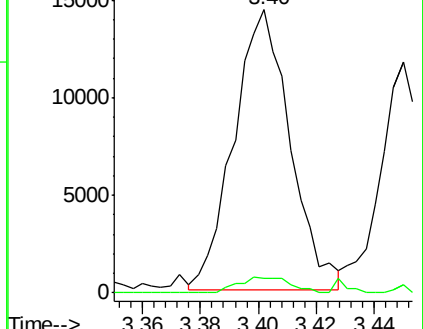
39 100

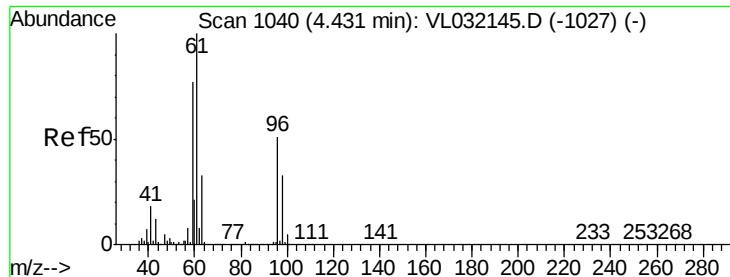
54 6.9 75.8 113.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

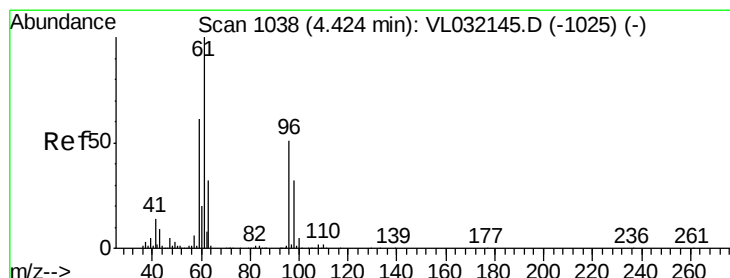
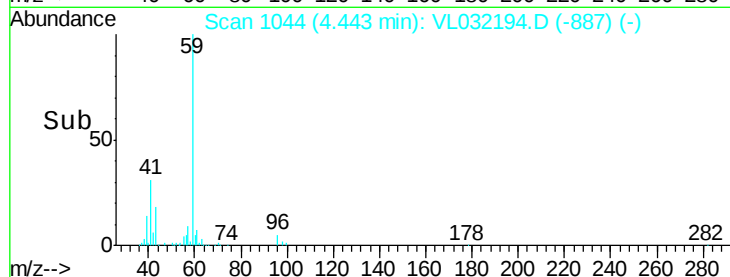
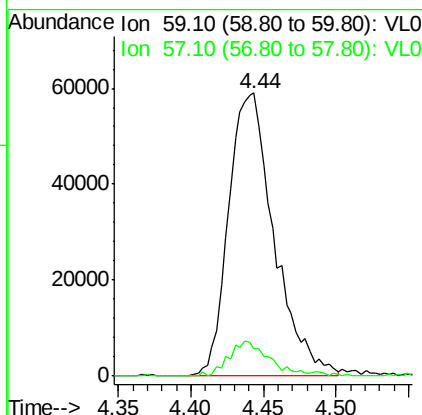
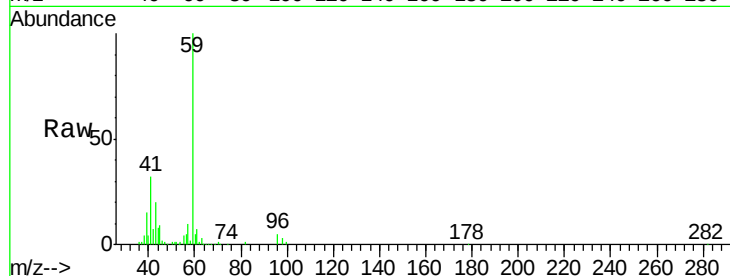




#17
 tert-Butyl alcohol
 Concen: 1.187 ppbv
 RT: 4.44 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VL032194.D
 Acq: 2 Jul 2018 23:06

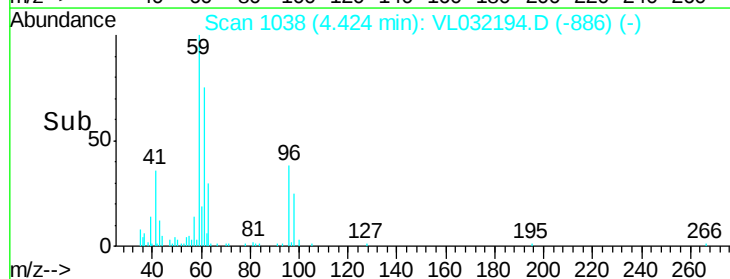
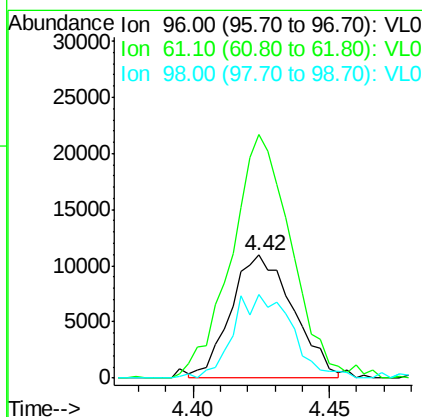
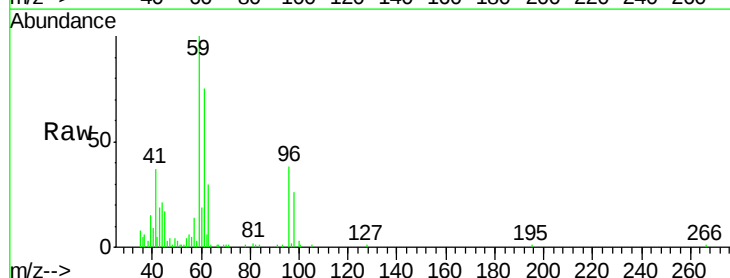
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 EFFLUENTDL

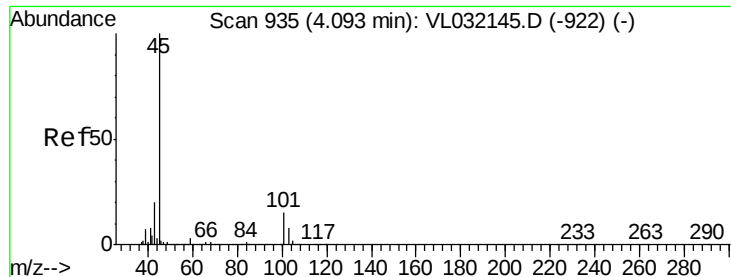
Tgt Ion: 59 Resp: 128515
 Ion Ratio Lower Upper
 59 100
 57 11.6 8.2 12.2



#18
 1,1-Dichloroethene
 Concen: 0.263 ppbv
 RT: 4.42 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: VL032194.D
 Acq: 2 Jul 2018 23:06

Tgt Ion: 96 Resp: 17356
 Ion Ratio Lower Upper
 96 100
 61 195.8 154.1 231.1
 98 67.9 50.3 75.5





#19

Isopropyl Alcohol

Concen: 5.871 ppbv

RT: 4.10 min Scan# 936

Delta R.T. -0.01 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

Instrument :

MSVOA_L

ClientSampleId :

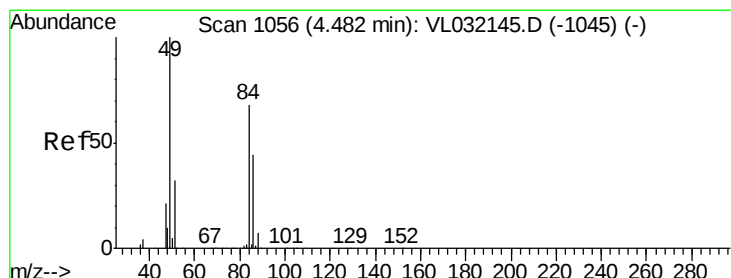
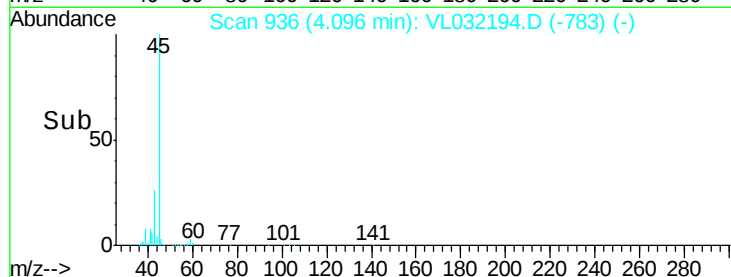
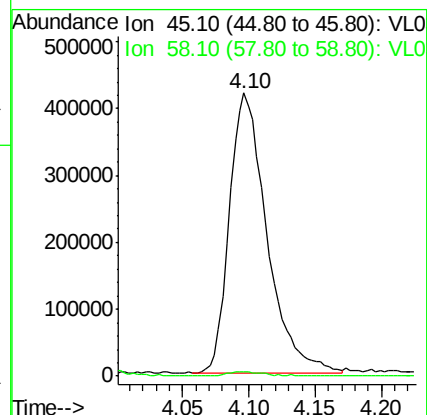
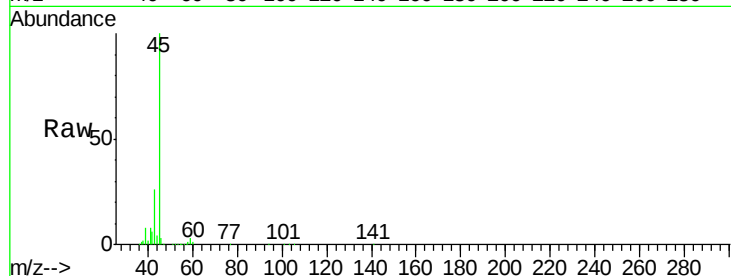
EFFLUENTDL

Tgt Ion: 45 Resp: 829197

Ion Ratio Lower Upper

45 100

58 1.7 29.4 44.0#



#20

Methylene Chloride

Concen: 0.241 ppbv

RT: 4.48 min Scan# 1056

Delta R.T. -0.01 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

Tgt Ion: 84 Resp: 14960

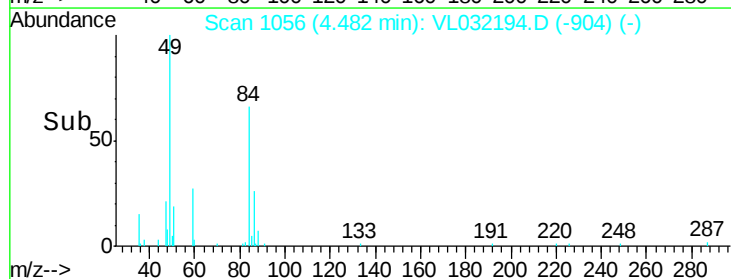
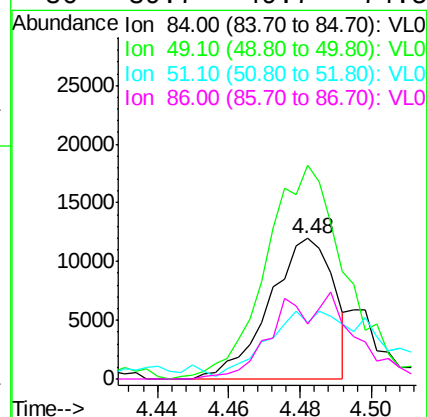
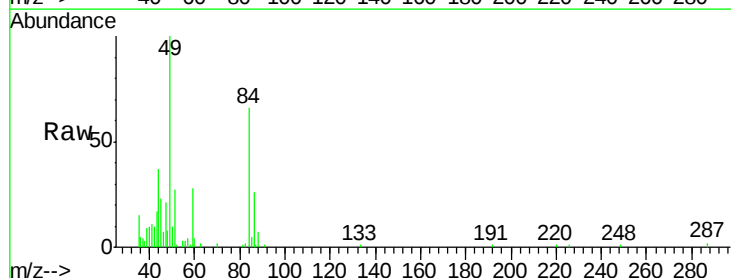
Ion Ratio Lower Upper

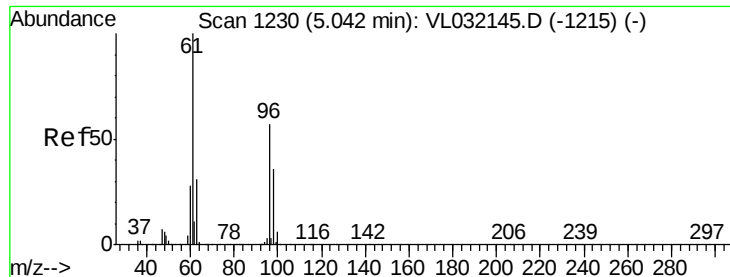
84 100

49 149.6 119.6 179.4

51 32.4 36.3 54.5#

86 39.7 49.7 74.5#





#22

trans-1,2-Dichloroethene

Concen: 0.065 ppbv

RT: 5.05 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDL

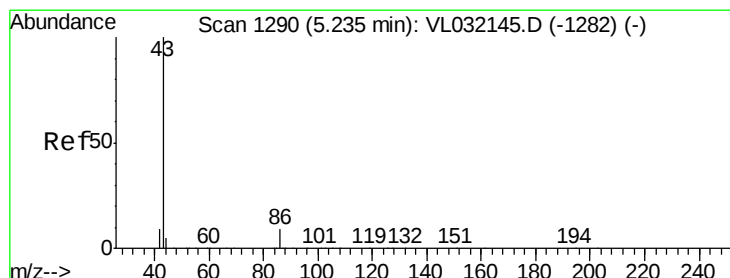
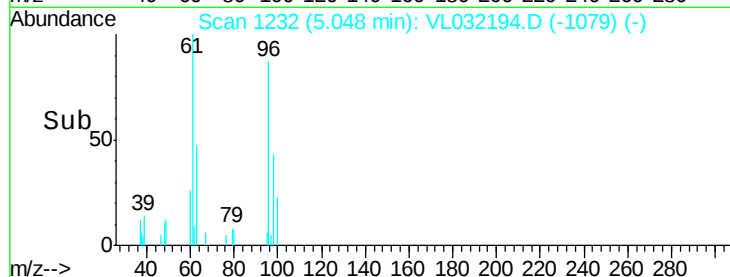
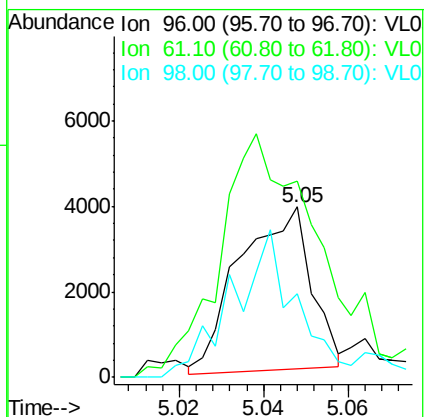
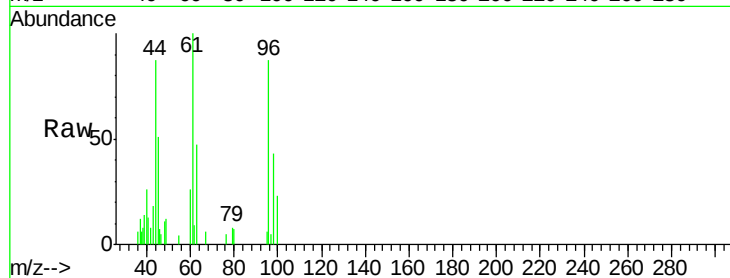
Tgt Ion: 96 Resp: 4462

Ion Ratio Lower Upper

96 100

61 94.2 135.2 202.8#

98 42.9 49.7 74.5#



#23

Vinyl Acetate

Concen: 0.154 ppbv

RT: 5.22 min Scan# 1287

Delta R.T. -0.02 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

Tgt Ion: 43 Resp: 47512

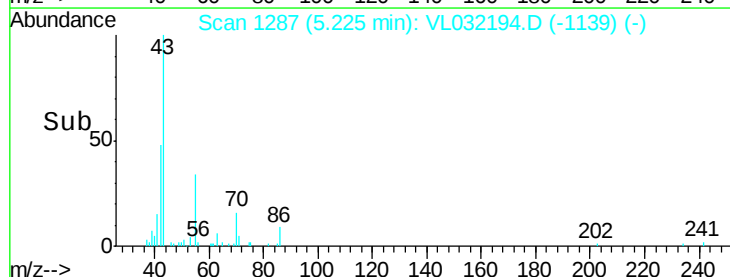
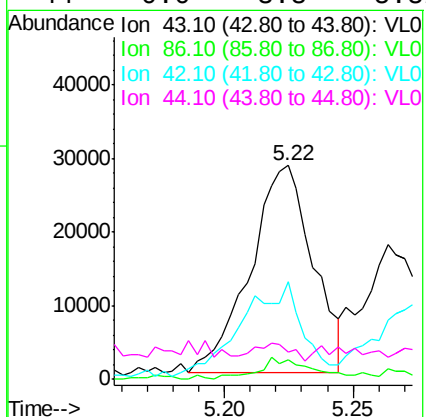
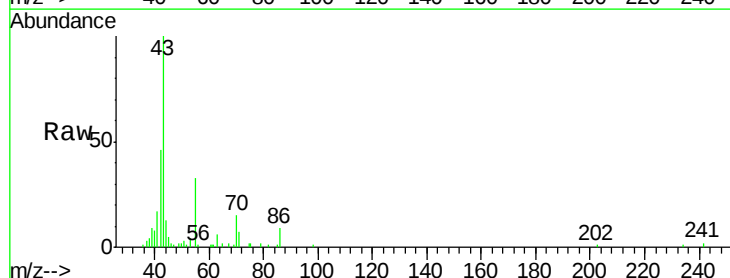
Ion Ratio Lower Upper

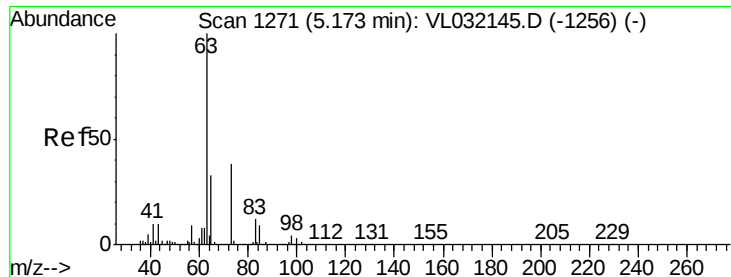
43 100

86 9.0 6.2 9.4

42 42.4 6.9 10.3#

44 0.0 3.8 5.8#





#24

1,1-Dichloroethane

Concen: 1.581 ppbv

RT: 5.17 min Scan# 1269

Delta R.T. -0.02 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDL

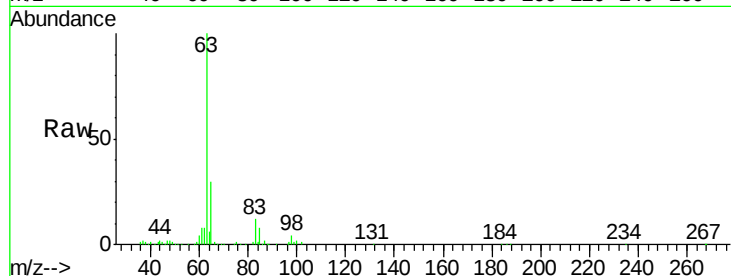
Tgt Ion: 63 Resp: 312260

Ion Ratio Lower Upper

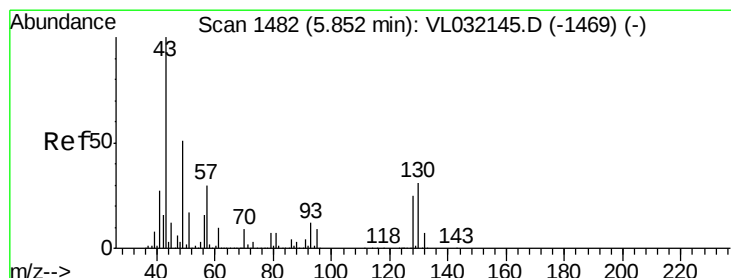
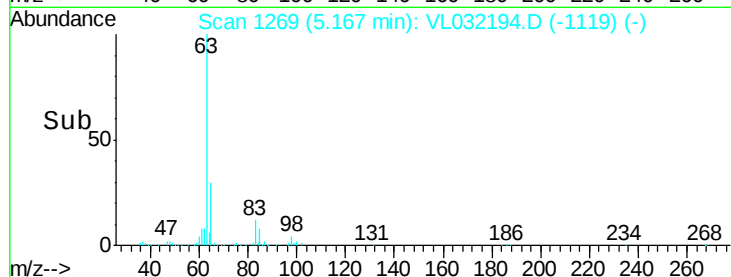
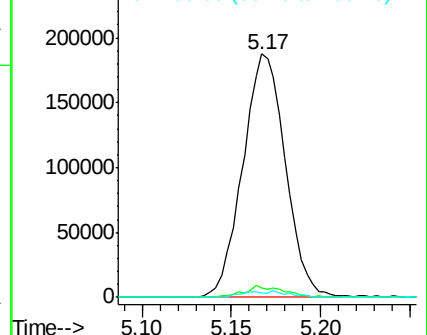
63 100

98 4.1 2.4 7.2

100 1.7 1.7 5.0



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0



#25

Ethyl Acetate

Concen: 0.113 ppbv

RT: 5.86 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

Tgt Ion: 43 Resp: 39808

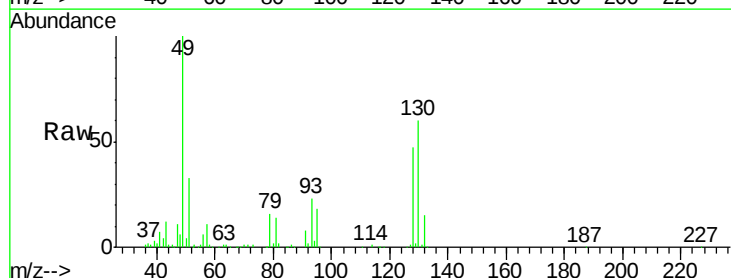
Ion Ratio Lower Upper

43 100

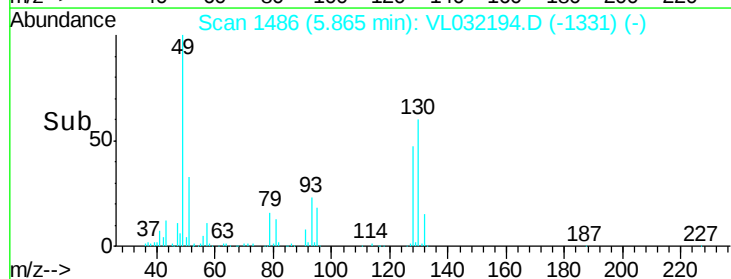
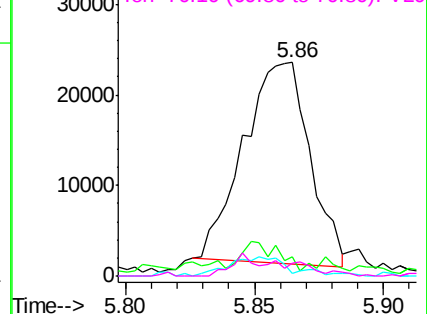
45 17.1 7.8 11.8#

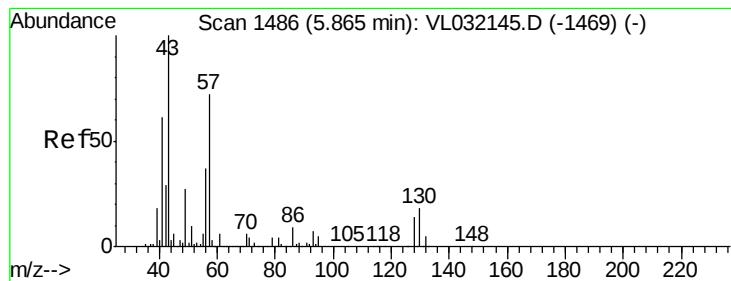
61 9.8 7.4 11.0

70 9.0 6.1 9.1



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 0.210 ppbv

RT: 5.86 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDL

Tgt Ion: 57 Resp: 33984

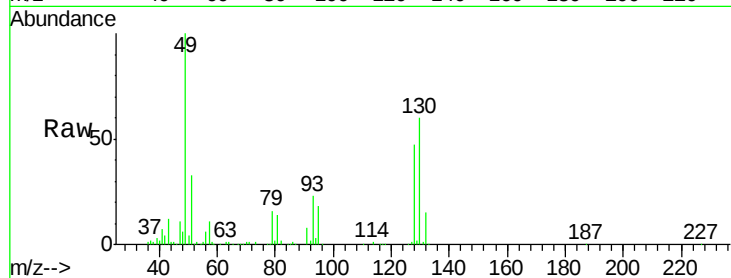
Ion Ratio Lower Upper

57 100

41 87.7 68.6 103.0

43 136.0 168.6 252.8#

56 60.1 41.0 61.6

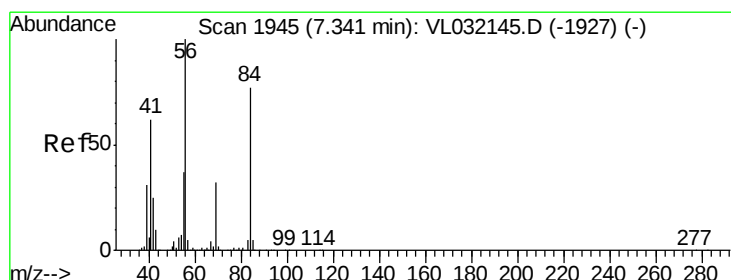
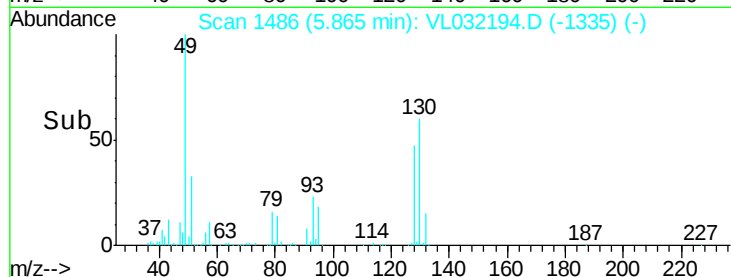
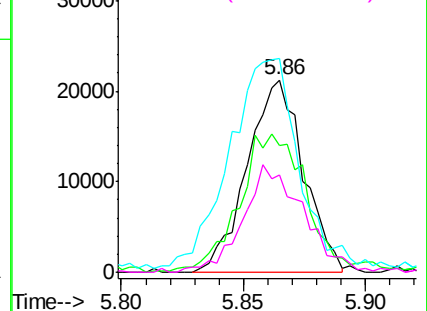


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#30

Cyclohexane

Concen: 0.040 ppbv

RT: 7.34 min Scan# 1944

Delta R.T. -0.02 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

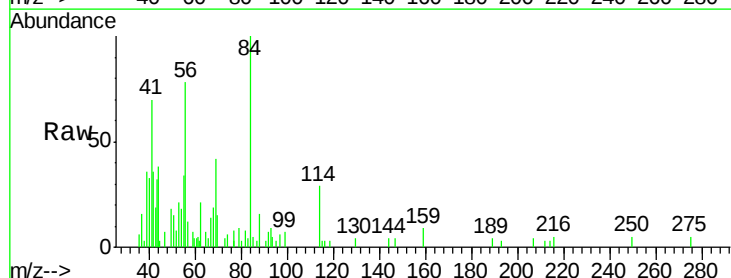
Tgt Ion: 84 Resp: 6073

Ion Ratio Lower Upper

84 100

56 0.0 109.1 163.7#

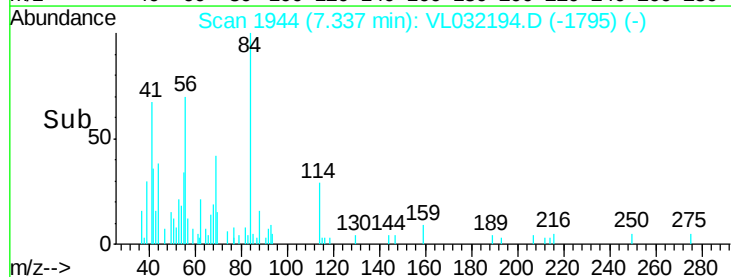
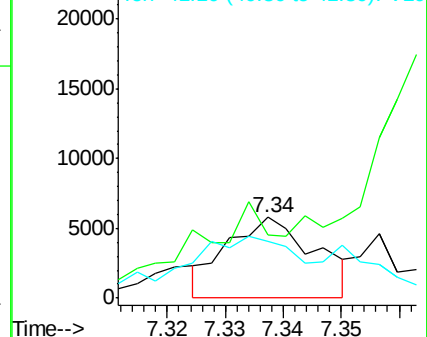
41 187.6 64.6 96.8#

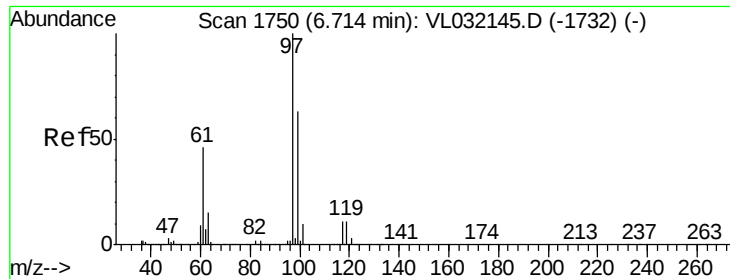


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#32

1,1,1-Trichloroethane

Concen: 13.719 ppbv

RT: 6.71 min Scan# 1748

Delta R.T. -0.02 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDL

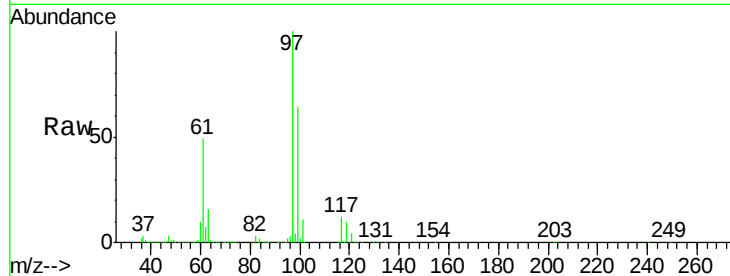
Tgt Ion: 97 Resp: 3390576

Ion Ratio Lower Upper

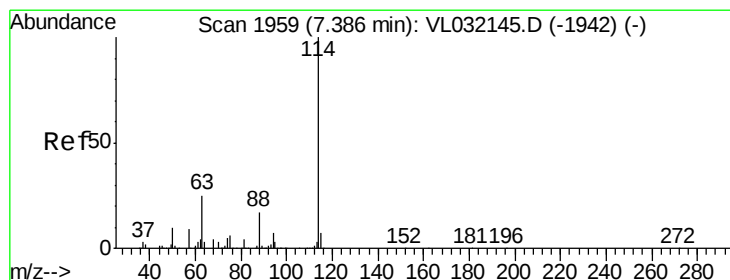
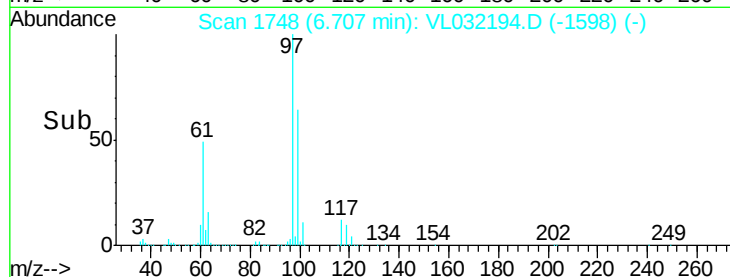
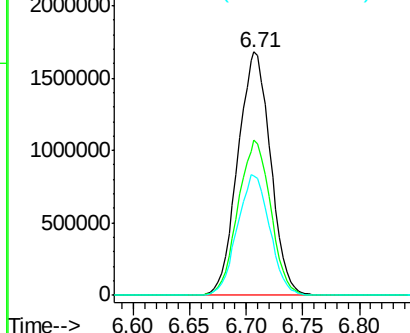
97 100

99 63.6 51.3 76.9

61 49.3 38.4 57.6



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.38 min Scan# 1957

Delta R.T. -0.02 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

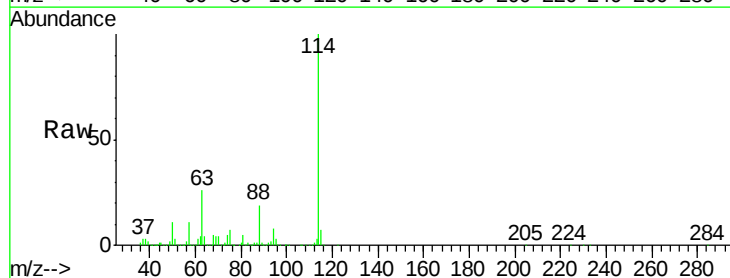
Tgt Ion: 114 Resp: 3595811

Ion Ratio Lower Upper

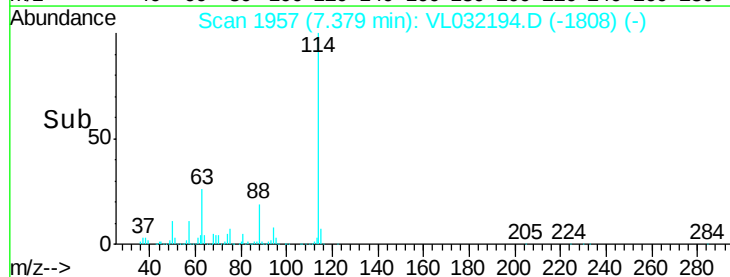
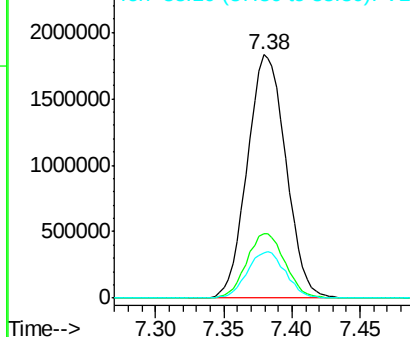
114 100

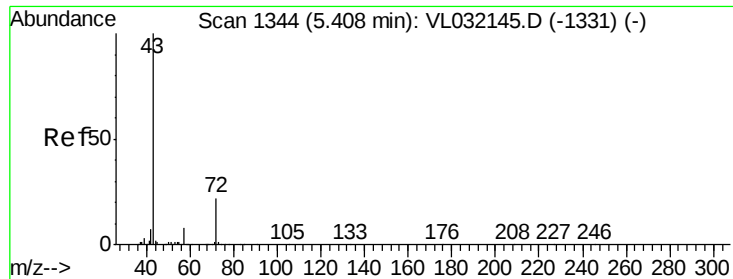
63 26.6 19.1 28.7

88 19.1 13.9 20.9



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

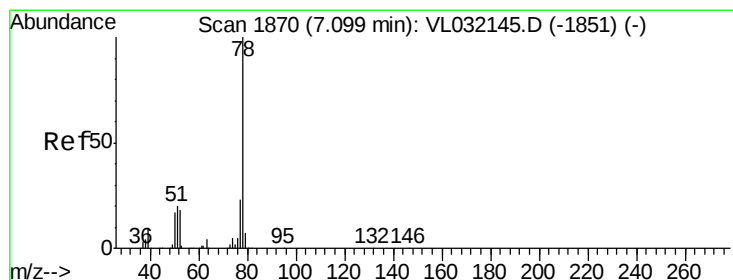
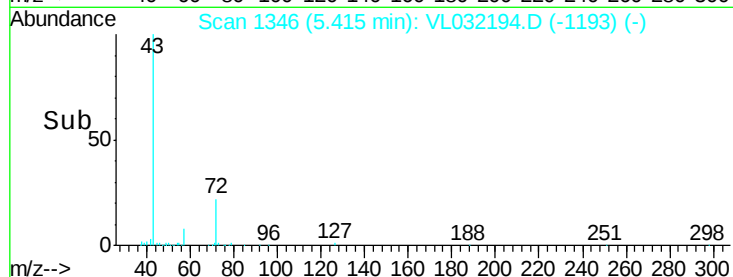
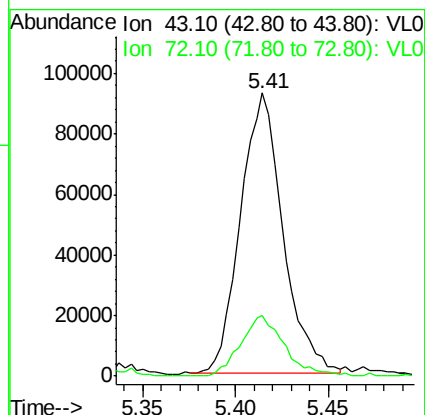
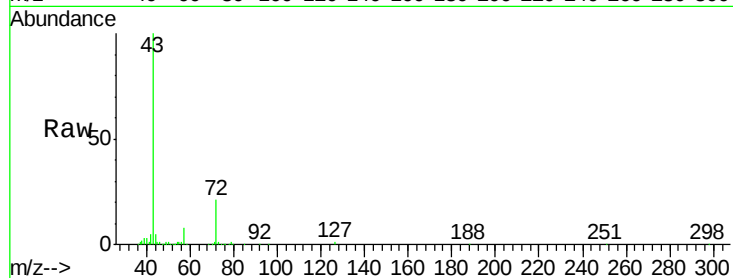




#34
2-Butanone
Concen: 0.650 ppbv
RT: 5.41 min Scan# 1346
Delta R.T. -0.01 min
Lab File: VL032194.D
Acq: 2 Jul 2018 23:06

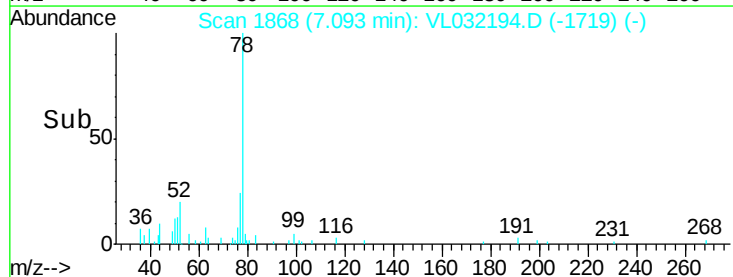
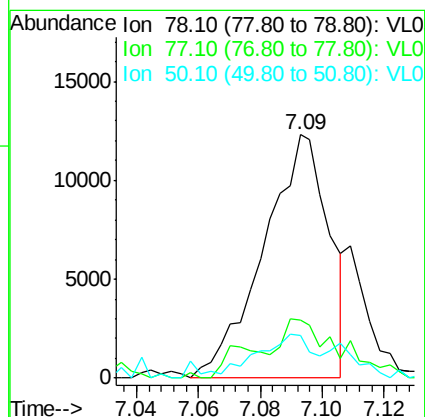
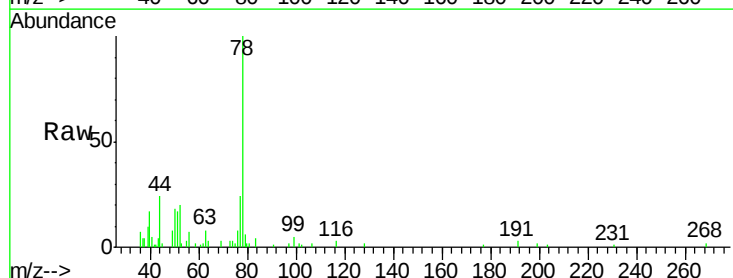
Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

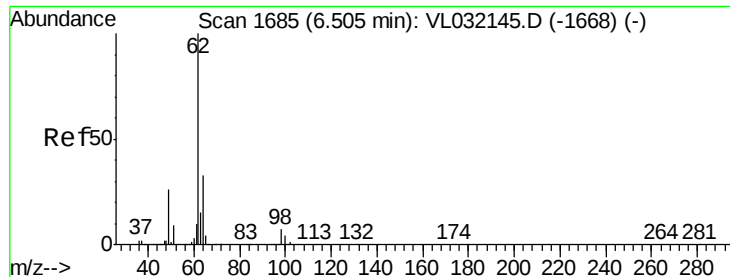
Tgt Ion: 43 Resp: 148346
Ion Ratio Lower Upper
43 100
72 22.4 18.4 27.6



#36
Benzene
Concen: 0.052 ppbv
RT: 7.09 min Scan# 1868
Delta R.T. -0.02 min
Lab File: VL032194.D
Acq: 2 Jul 2018 23:06

Tgt Ion: 78 Resp: 18037
Ion Ratio Lower Upper
78 100
77 21.6 17.7 26.5
50 10.8 14.0 21.0#

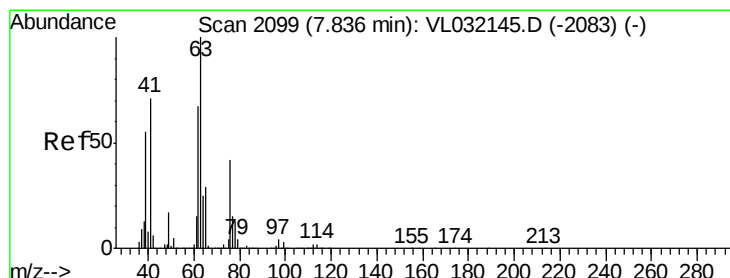
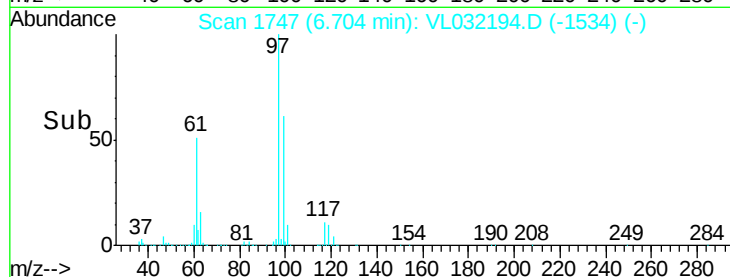
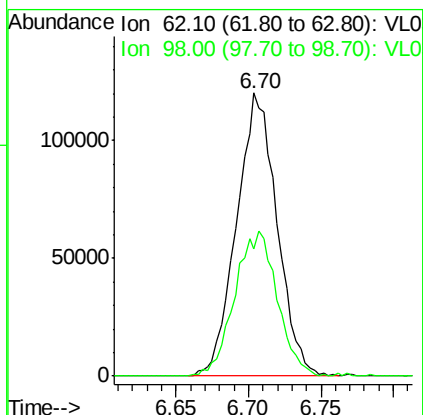
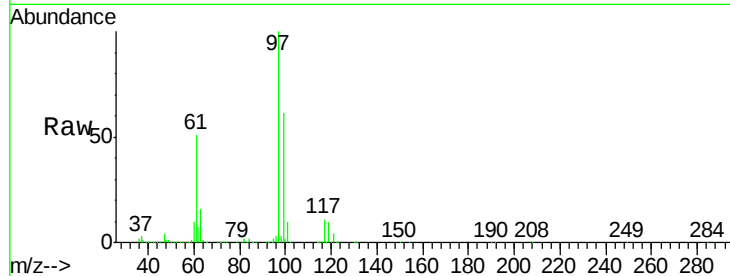




#37
 1,2-Dichloroethane
 Concen: 1.346 ppbv
 RT: 6.70 min Scan# 1747
 Delta R.T. 0.19 min
 Lab File: VL032194.D
 Acq: 2 Jul 2018 23:06

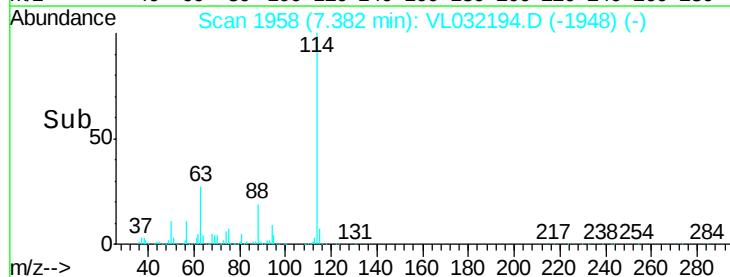
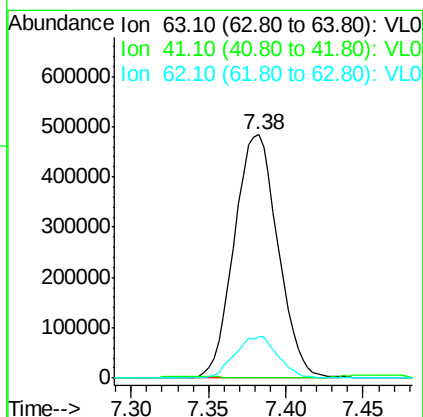
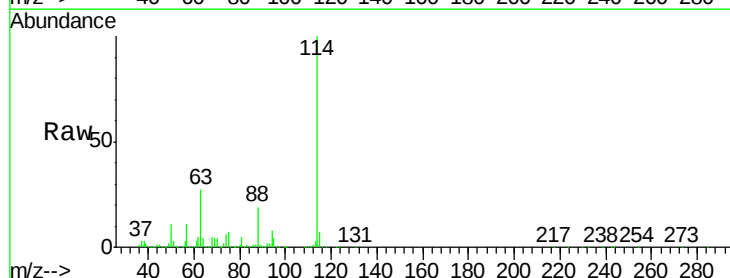
Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

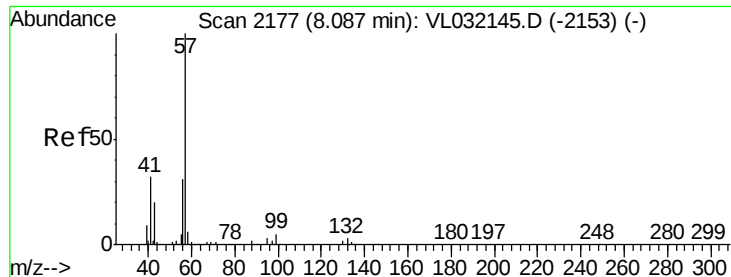
Tgt Ion: 62 Resp: 233454
 Ion Ratio Lower Upper
 62 100
 98 53.8 5.8 8.6#



#39
 1,2-Dichloropropane
 Concen: 6.936 ppbv
 RT: 7.38 min Scan# 1958
 Delta R.T. -0.47 min
 Lab File: VL032194.D
 Acq: 2 Jul 2018 23:06

Tgt Ion: 63 Resp: 951981
 Ion Ratio Lower Upper
 63 100
 41 0.0 53.3 79.9#
 62 16.9 54.8 82.2#

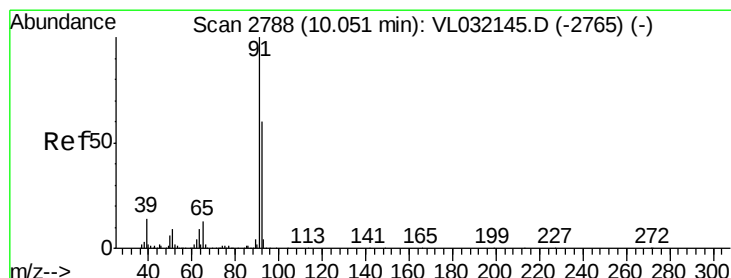
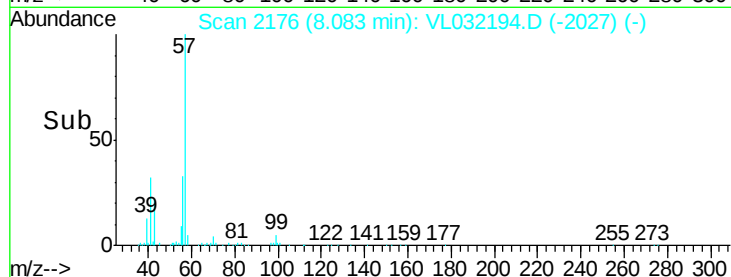
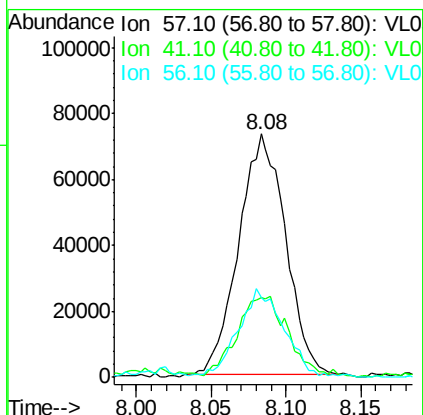
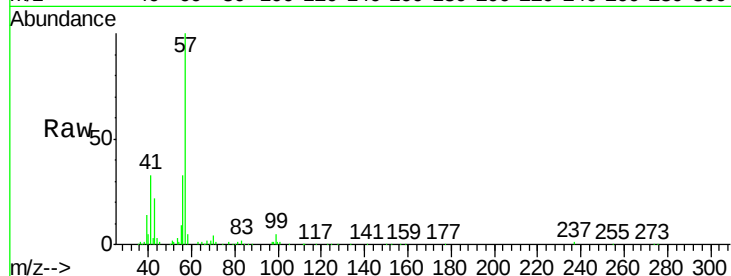




#44
 2,2,4-Trimethylpentane
 Concen: 0.261 ppbv
 RT: 8.08 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: VL032194.D
 Acq: 2 Jul 2018 23:06

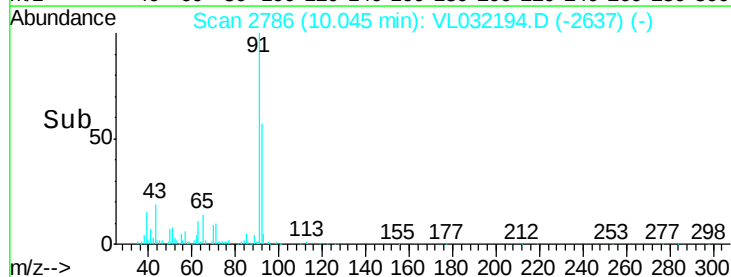
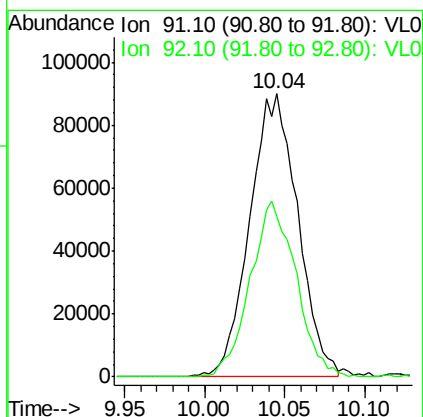
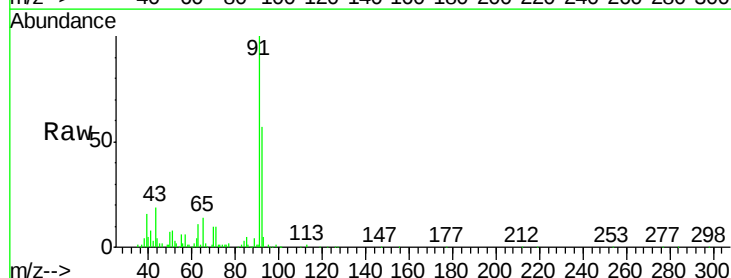
Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

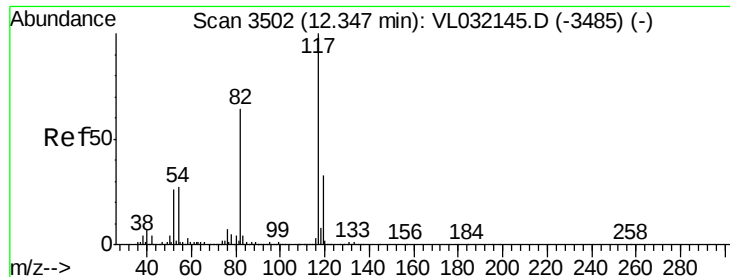
Tgt Ion: 57 Resp: 159230
 Ion Ratio Lower Upper
 57 100
 41 37.2 24.3 36.5#
 56 36.3 25.1 37.7



#53
 Toluene
 Concen: 0.441 ppbv
 RT: 10.04 min Scan# 2786
 Delta R.T. -0.02 min
 Lab File: VL032194.D
 Acq: 2 Jul 2018 23:06

Tgt Ion: 91 Resp: 185584
 Ion Ratio Lower Upper
 91 100
 92 59.7 49.2 73.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.34 min Scan# 3500

Delta R.T. -0.02 min

Lab File: VL032194.D

Acq: 2 Jul 2018 23:06

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDL

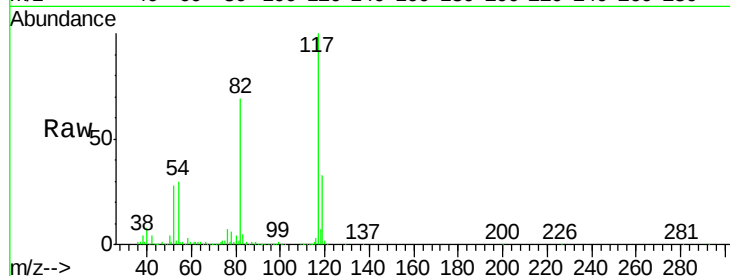
Tgt Ion:117 Resp: 3330821

Ion Ratio Lower Upper

117 100

82 69.3 47.8 71.8

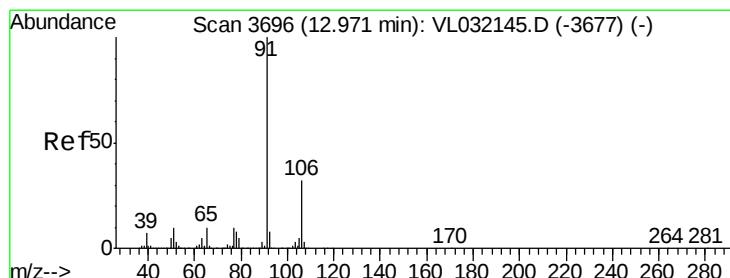
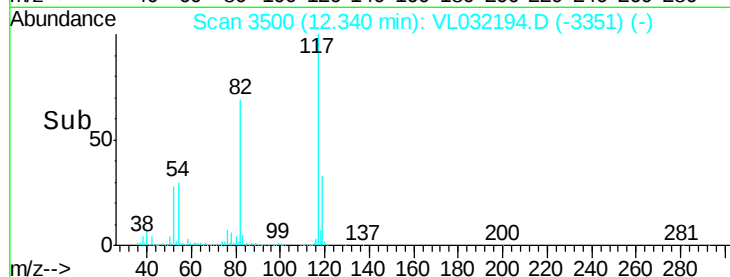
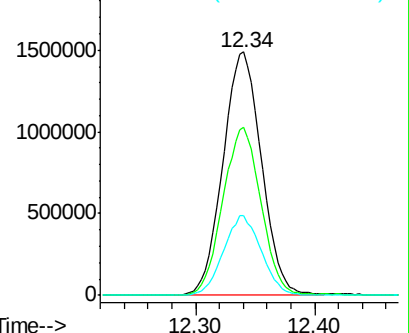
119 32.6 43.3 64.9#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 0.041 ppbv

RT: 12.96 min Scan# 3694

Delta R.T. -0.02 min

Lab File: VL032194.D

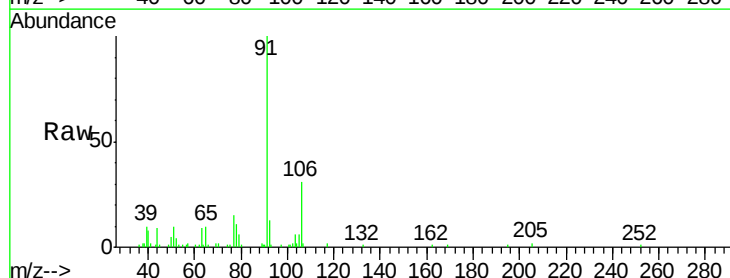
Acq: 2 Jul 2018 23:06

Tgt Ion: 91 Resp: 22056

Ion Ratio Lower Upper

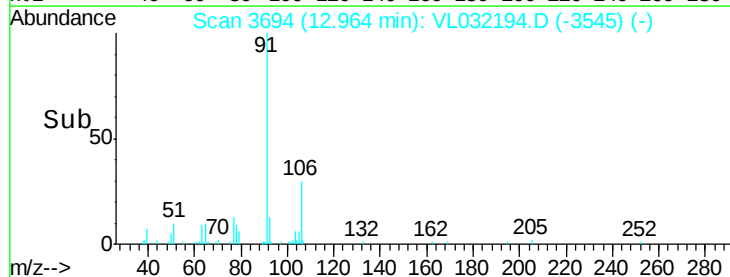
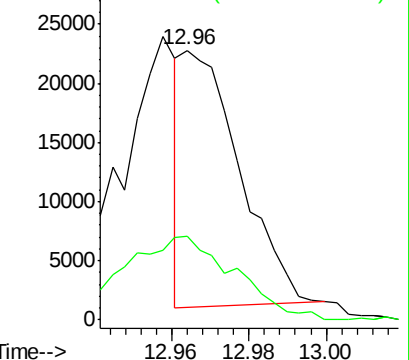
91 100

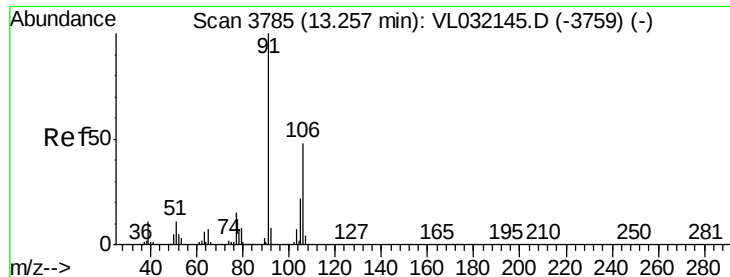
106 35.6 26.5 39.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

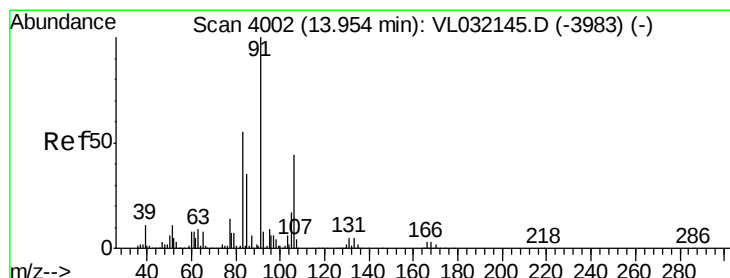
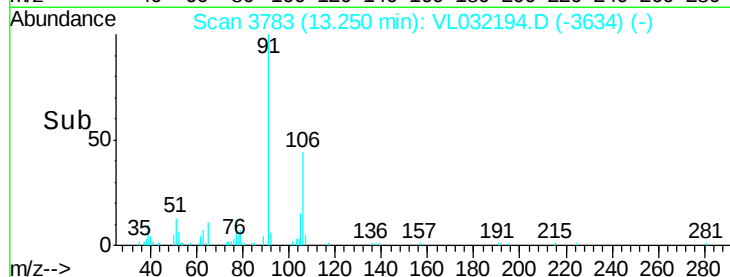
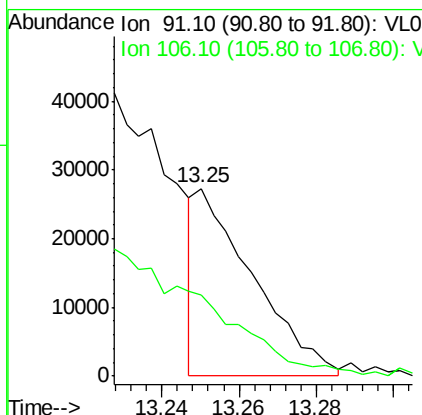
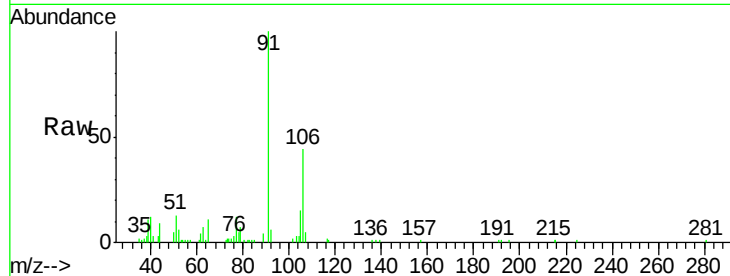




#59
m/p-Xylene
Concen: 0.065 ppbv
RT: 13.25 min Scan# 3783
Delta R.T. -0.02 min
Lab File: VL032194.D
Acq: 2 Jul 2018 23:06

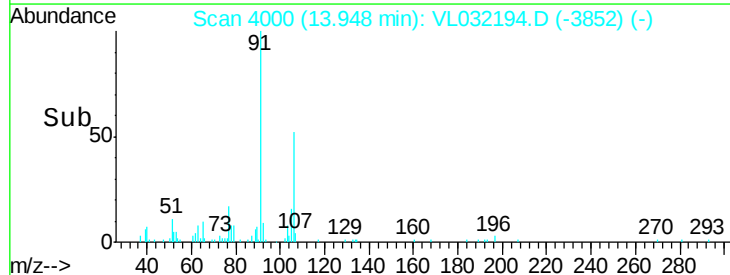
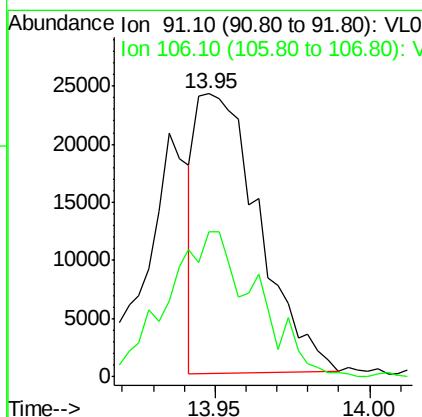
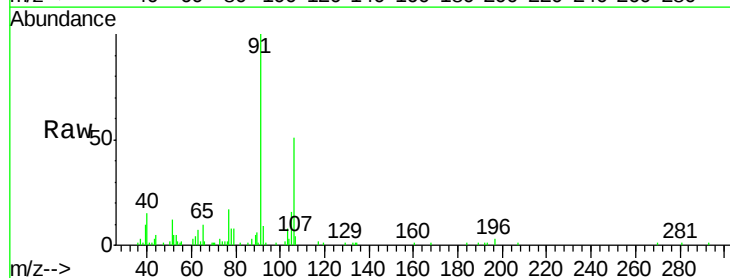
Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

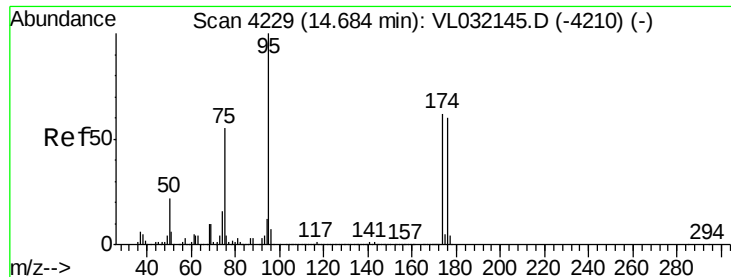
Tgt Ion: 91 Resp: 27760
Ion Ratio Lower Upper
91 100
106 0.0 38.6 58.0#



#60
o-Xylene
Concen: 0.079 ppbv
RT: 13.95 min Scan# 4000
Delta R.T. -0.02 min
Lab File: VL032194.D
Acq: 2 Jul 2018 23:06

Tgt Ion: 91 Resp: 33919
Ion Ratio Lower Upper
91 100
106 76.6 23.3 69.8#

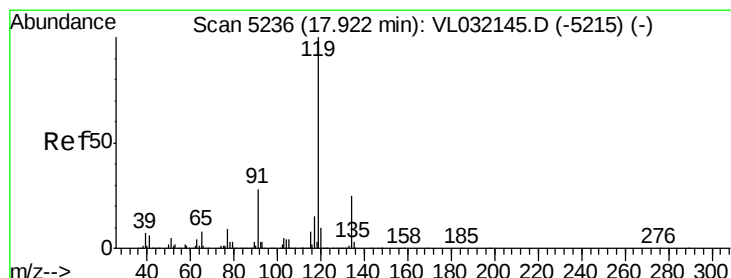
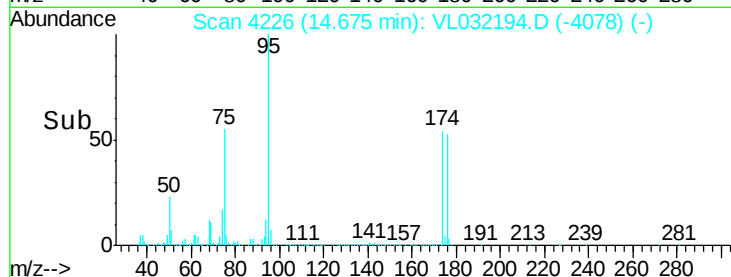
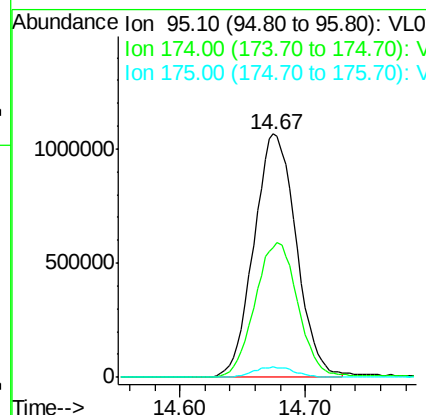
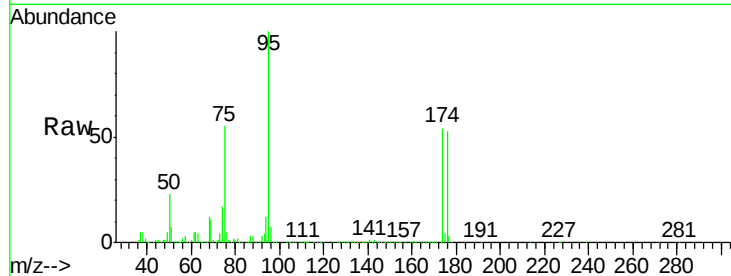




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.852 ppbv
 RT: 14.67 min Scan# 4226
 Delta R.T. -0.02 min
 Lab File: VL032194.D
 Acq: 2 Jul 2018 23:06

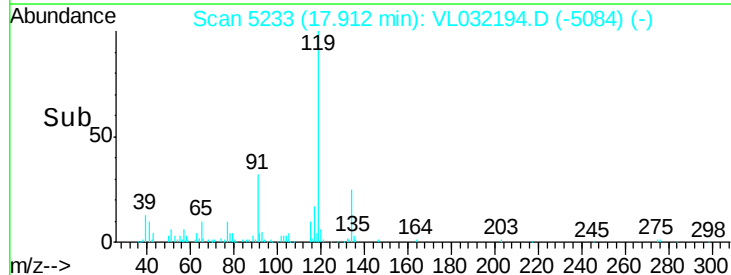
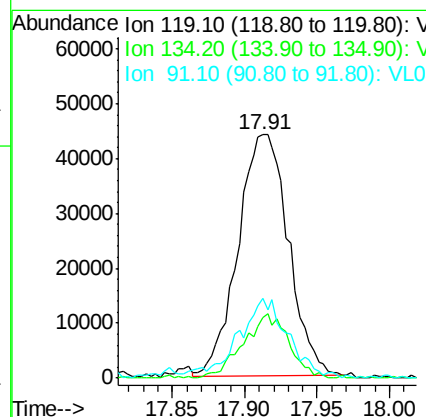
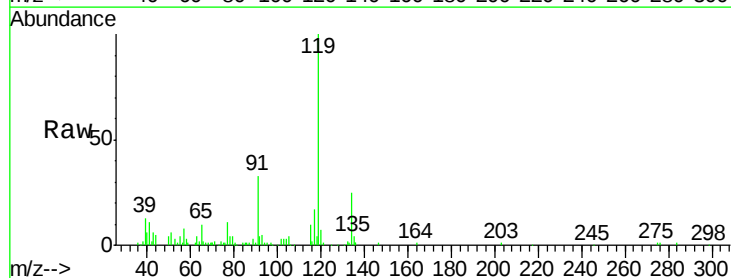
Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

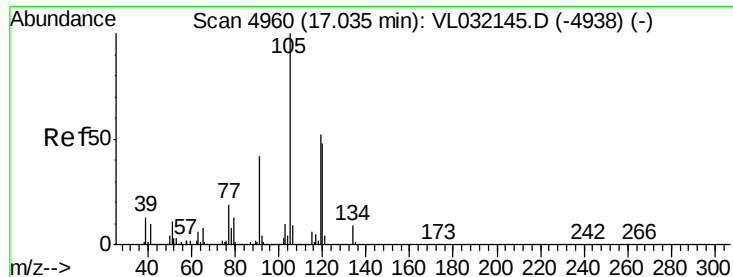
Tgt Ion: 95 Resp: 2508431
 Ion Ratio Lower Upper
 95 100
 174 57.0 52.1 78.1
 175 4.2 4.0 6.0



#69
 p-Isopropyltoluene
 Concen: 0.156 ppbv
 RT: 17.91 min Scan# 5233
 Delta R.T. -0.02 min
 Lab File: VL032194.D
 Acq: 2 Jul 2018 23:06

Tgt Ion: 119 Resp: 106390
 Ion Ratio Lower Upper
 119 100
 134 24.2 20.7 31.1
 91 34.7 21.8 32.8#

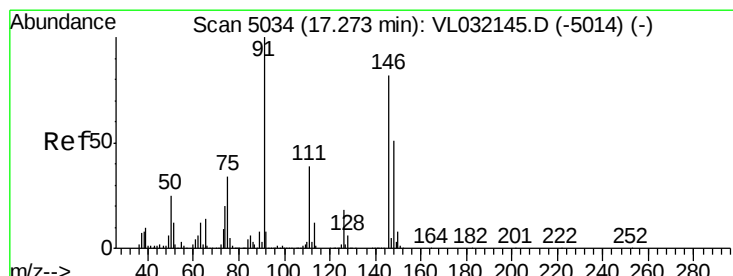
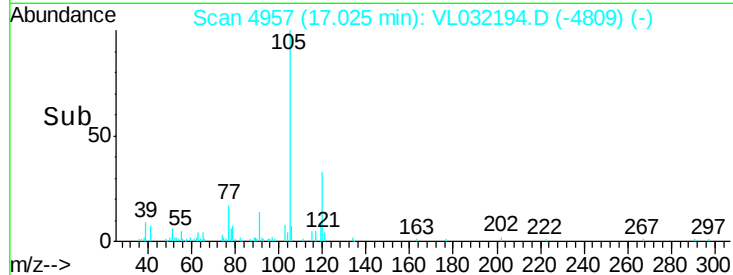
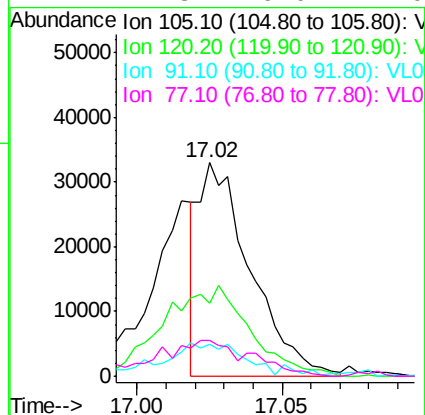
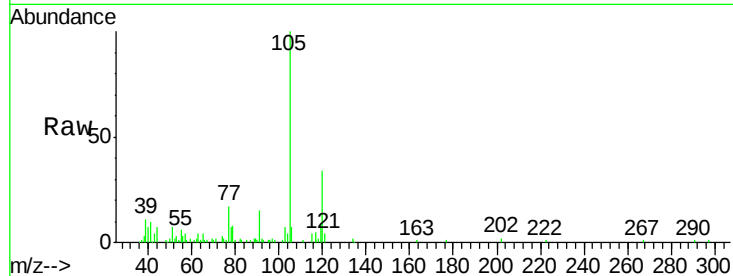




#74
 1,2,4-Trimethylbenzene
 Concen: 0.077 ppbv
 RT: 17.02 min Scan# 4957
 Delta R.T. -0.02 min
 Lab File: VL032194.D
 Acq: 2 Jul 2018 23:06

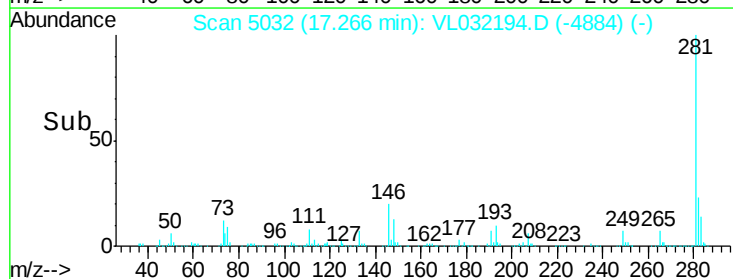
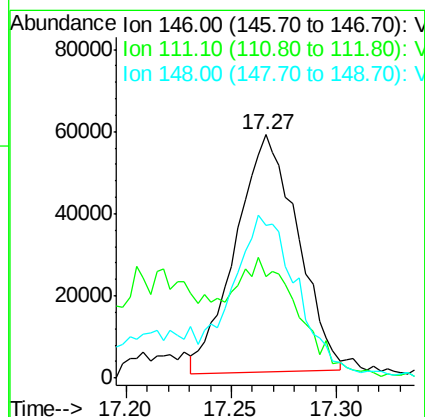
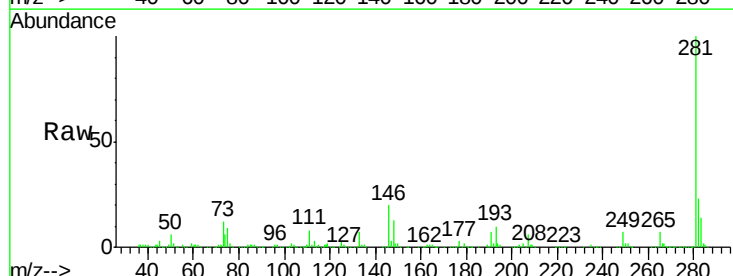
Instrument :
 MSVOA_L
 ClientSampleID :
 EFFLUENTDL

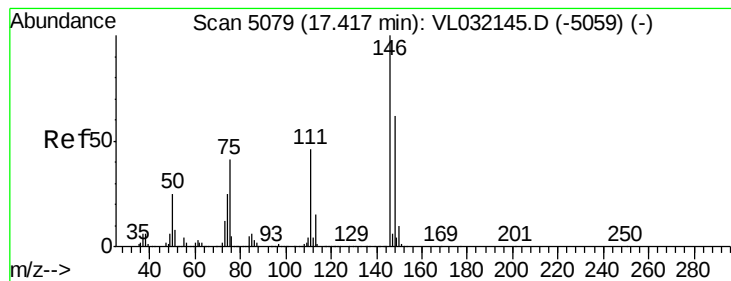
Tgt Ion:	105	Resp:	40509
Ion	Ratio	Lower	Upper
105	100		
120	34.8	38.8	58.2#
91	14.0	33.6	50.4#
77	17.3	16.0	24.0



#75
 1,3-Dichlorobenzene
 Concen: 0.394 ppbv
 RT: 17.27 min Scan# 5032
 Delta R.T. -0.02 min
 Lab File: VL032194.D
 Acq: 2 Jul 2018 23:06

Tgt Ion:	146	Resp:	118023
Ion	Ratio	Lower	Upper
146	100		
111	64.3	22.9	68.8
148	75.8	31.7	95.1





#76

1,4-Dichlorobenzene

Concen: 0.388 ppbv

RT: 17.27 min Scan# 5032

Delta R.T. -0.16 min

Lab File: VL032194.D

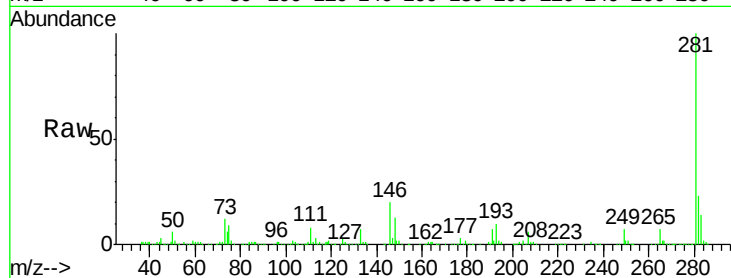
Acq: 2 Jul 2018 23:06

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDL



Tgt Ion:	146	Resp:	118023
Ion	Ratio	Lower	Upper
146	100		
111	51.0	21.9	65.8
148	102.7	32.1	96.5

