

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071218\
 Data File : VL032239.D
 Acq On : 13 Jul 2018 6:16
 Operator : SY/AP
 Sample : J3753-01DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Quant Time: Jul 13 06:39:56 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 04:25:14 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	1871885	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	4014923	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4749260	10.00	ppbv	0.00

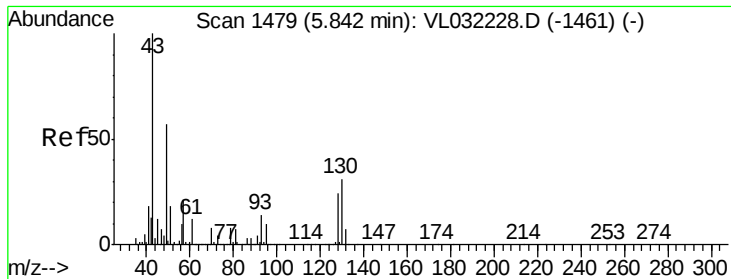
System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3833430	10.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.13	85	12590	0.047	ppbv	90
3) Chlorodifluoromethane	3.39	51	5780	0.025	ppbv	95
4) Chloromethane	3.22	50	3140	0.024	ppbv	100
7) Chloroethane	3.66	64	8380	0.189	ppbv	99
9) Propene	3.09	41	8130	0.083	ppbv #	25
10) Heptane	8.33	43	8723	0.031	ppbv #	32
11) Trichlorofluoromethane	4.06	101	5388	0.021	ppbv	92
12) 1,1,2-Trichlorotrifluoroet	4.62	101	27583	0.168	ppbv	94
13) Ethanol	3.71	45	1629052	57.555	ppbv	96
15) Acetone	3.96	43	832819	3.834	ppbv	99
16) 1,3-Butadiene	3.40	39	25921	0.236	ppbv #	12
17) tert-Butyl alcohol	4.43	59	48264	0.476	ppbv #	72
18) 1,1-Dichloroethene	4.42	96	9023	0.118	ppbv #	76
19) Isopropyl Alcohol	4.09	45	755460	5.297	ppbv #	98
20) Methylene Chloride	4.48	84	89303	1.213	ppbv	97
22) trans-1,2-Dichloroethene	5.04	96	7846	0.108	ppbv #	63
23) Vinyl Acetate	5.22	43	63814	0.177	ppbv #	78
24) 1,1-Dichloroethane	5.16	63	340372	1.342	ppbv	100
25) Ethyl Acetate	5.86	43	59658	0.139	ppbv #	94
26) Hexane	5.86	57	56442	0.288	ppbv #	57
32) 1,1,1-Trichloroethane	6.70	97	1514765	5.157	ppbv	100
34) 2-Butanone	5.41	43	142620	0.521	ppbv	99
36) Benzene	7.09	78	20484	0.051	ppbv	100
37) 1,2-Dichloroethane	6.70	62	109660	0.502	ppbv #	1
39) 1,2-Dichloropropane	7.38	63	1111978	7.012	ppbv #	27
44) 2,2,4-Trimethylpentane	8.08	57	119948	0.175	ppbv	90
53) Toluene	10.03	91	166564	0.353	ppbv	96
58) Ethyl Benzene	12.96	91	21596	0.031	ppbv	92
59) m/p-Xylene	13.24	91	31254	0.055	ppbv #	31
69) p-Isopropyltoluene	17.91	119	185337	0.247	ppbv	95
74) 1,2,4-Trimethylbenzene	17.01	105	22050	0.037	ppbv #	71
75) 1,3-Dichlorobenzene	17.26	146	33779	0.095	ppbv #	22
80) Naphthalene,2-methyl-	25.20	142	4619	0.036	ppbv	85

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.84 min Scan# 1477

Delta R.T. -0.01 min

Lab File: VL032239.D

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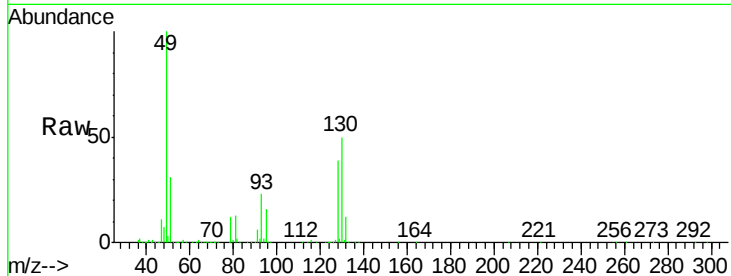
Tgt Ion: 49 Resp: 1871885

Ion Ratio Lower Upper

49 100

128 41.4 20.9 62.8

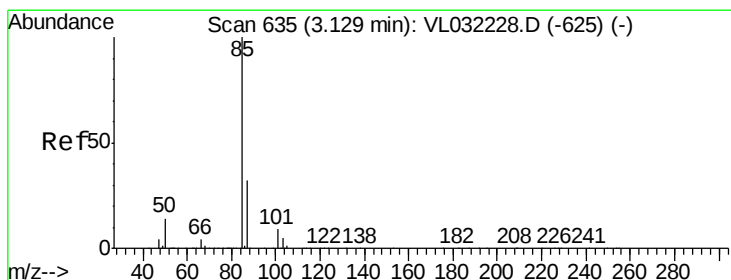
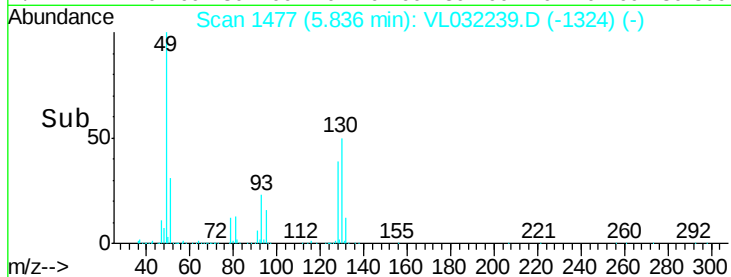
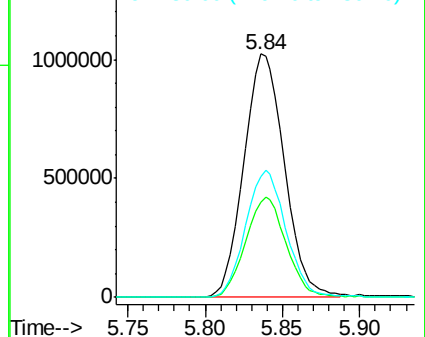
130 52.4 27.0 81.0



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: 0.047 ppbv

RT: 3.13 min Scan# 635

Delta R.T. -0.00 min

Lab File: VL032239.D

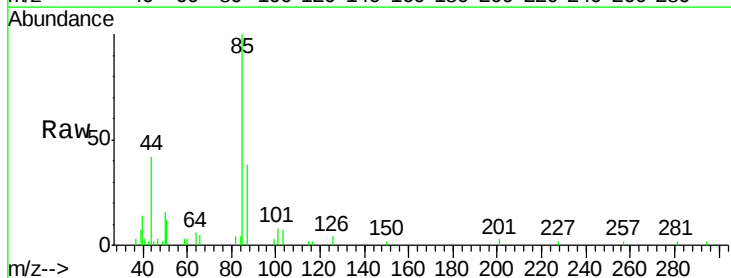
Acq: 13 Jul 2018 6:16

Tgt Ion: 85 Resp: 12590

Ion Ratio Lower Upper

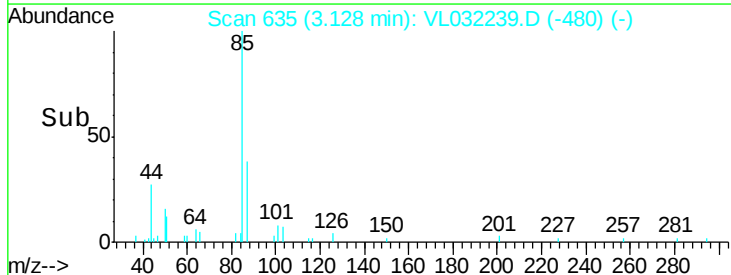
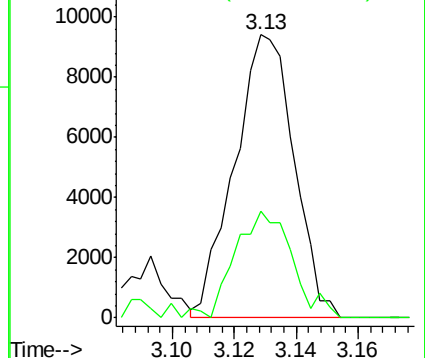
85 100

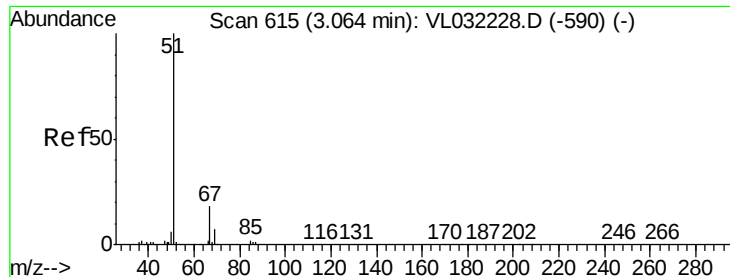
87 37.9 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.025 ppbv

RT: 3.39 min Scan# 717

Delta R.T. 0.33 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Instrument :

MSVOA_L

ClientSampleId :

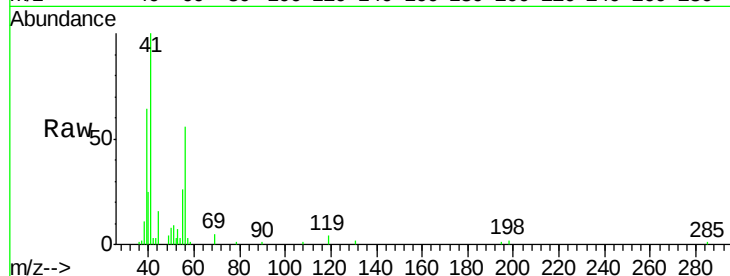
INFLUENTDL

Tgt Ion: 51 Resp: 5780

Ion Ratio Lower Upper

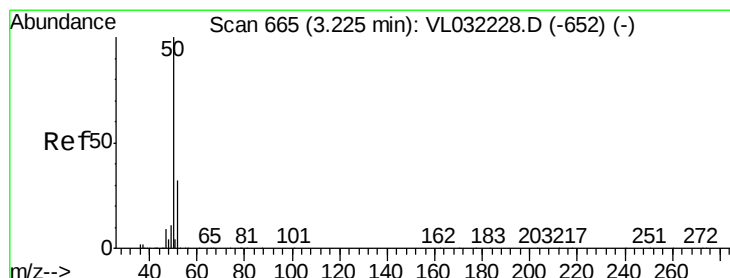
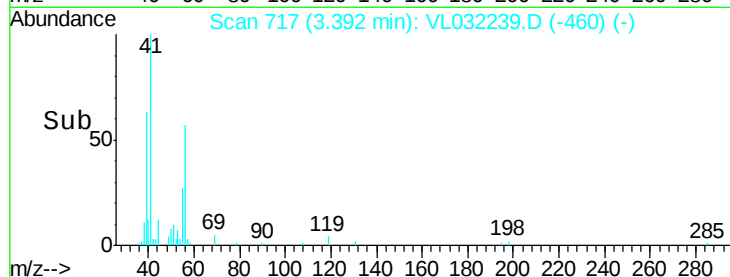
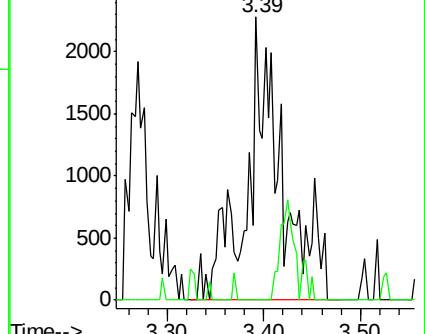
51 100

67 16.1 14.6 22.0



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.024 ppbv

RT: 3.22 min Scan# 665

Delta R.T. -0.00 min

Lab File: VL032239.D

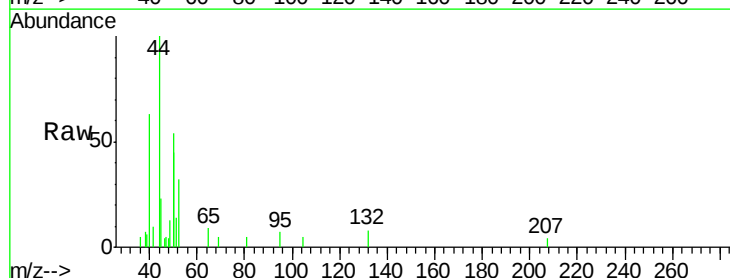
Acq: 13 Jul 2018 6:16

Tgt Ion: 50 Resp: 3140

Ion Ratio Lower Upper

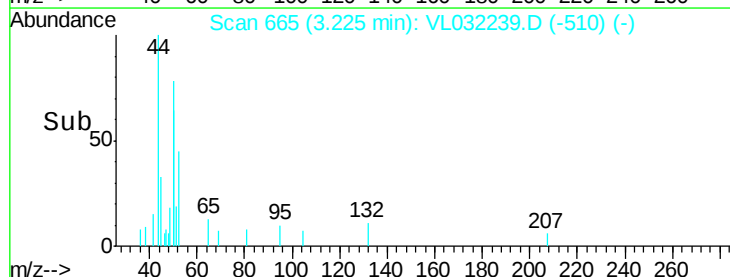
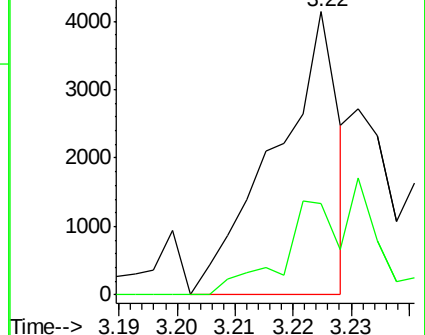
50 100

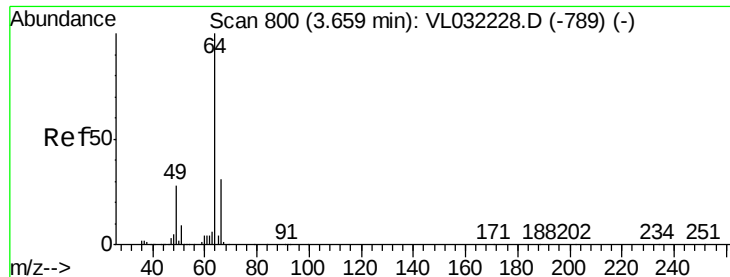
52 32.1 25.7 38.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 0.189 ppbv

RT: 3.66 min Scan# 801

Delta R.T. 0.00 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Instrument :

MSVOA_L

ClientSampleId :

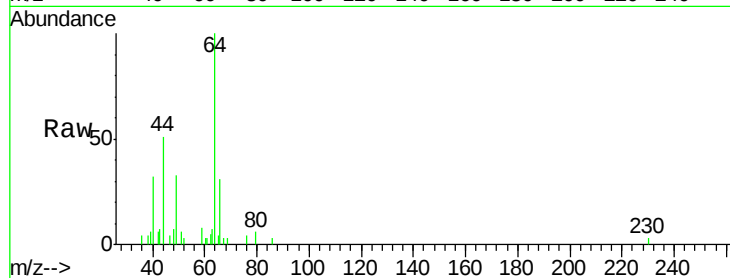
INFLUENTDL

Tgt Ion: 64 Resp: 8380

Ion Ratio Lower Upper

64 100

66 31.2 24.4 36.6



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

8000

6000

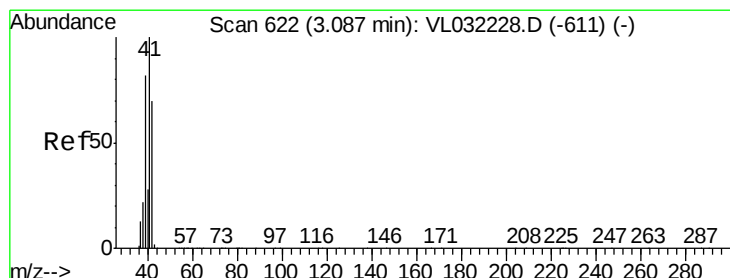
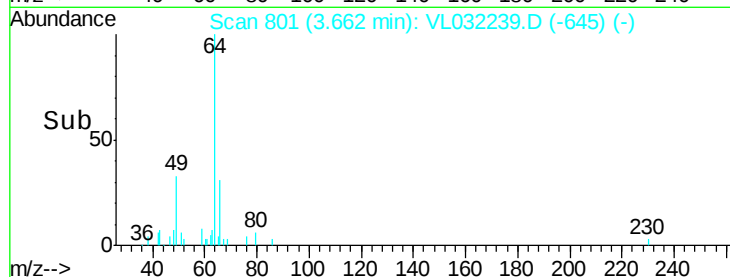
4000

2000

0

3.62 3.64 3.66 3.68

Time-->



#9

Propene

Concen: 0.083 ppbv

RT: 3.09 min Scan# 624

Delta R.T. 0.01 min

Lab File: VL032239.D

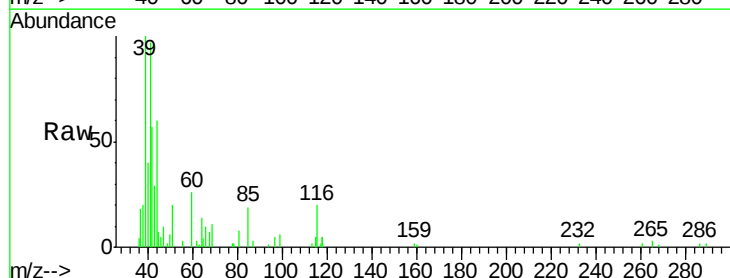
Acq: 13 Jul 2018 6:16

Tgt Ion: 41 Resp: 8130

Ion Ratio Lower Upper

41 100

42 132.0 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

12000

10000

8000

6000

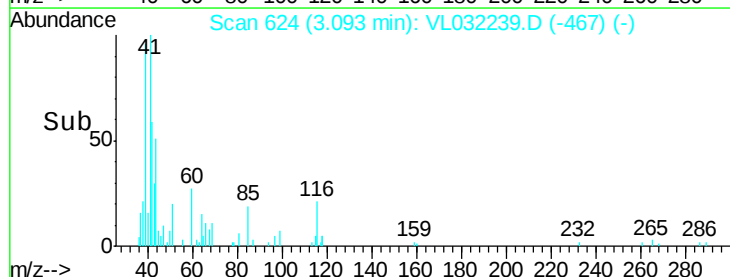
4000

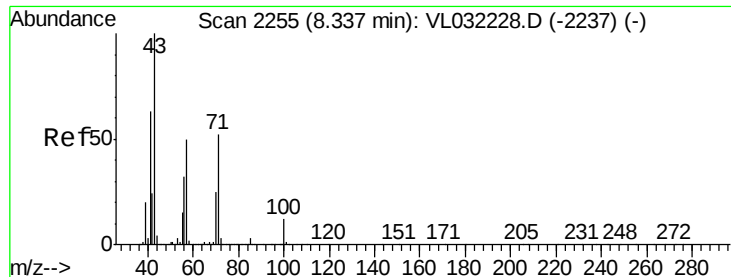
2000

0

3.08 3.09 3.10 3.11

Time-->

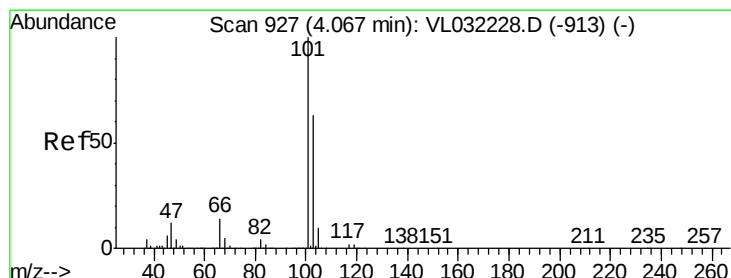
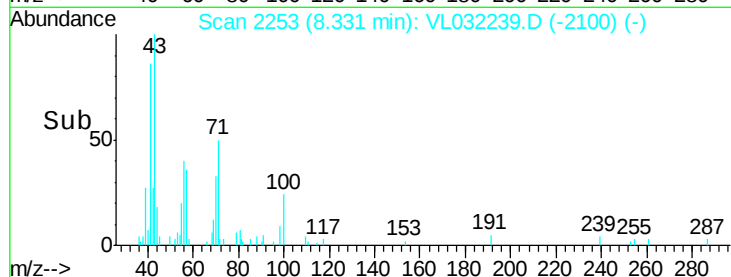
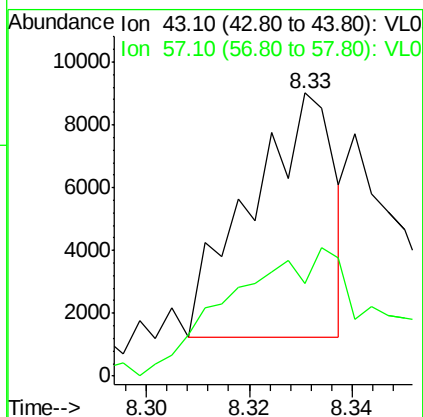
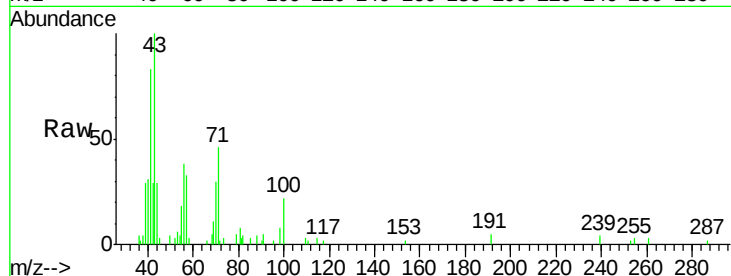




#10
Heptane
Concen: 0.031 ppbv
RT: 8.33 min Scan# 2253
Delta R.T. -0.01 min
Lab File: VL032239.D
Acq: 13 Jul 2018 6:16

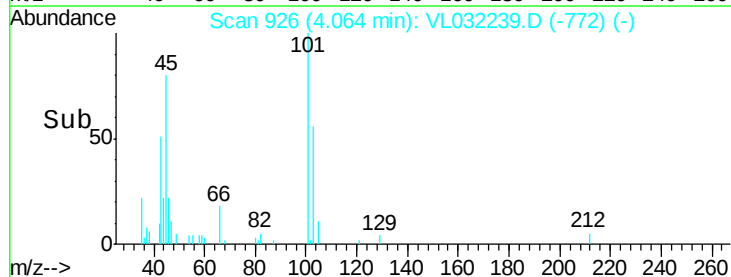
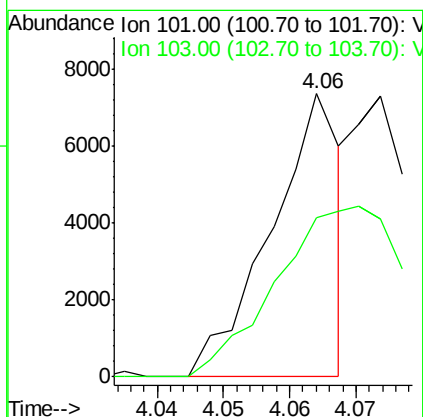
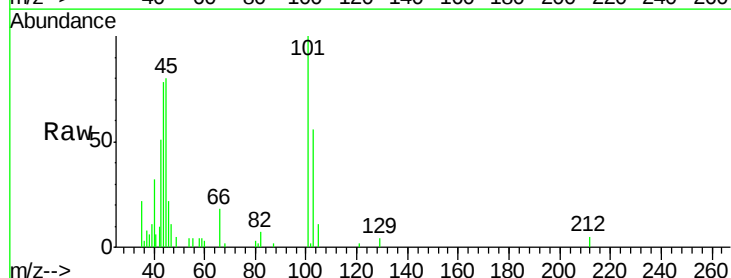
Instrument :
MSVOA_L
ClientSampleId :
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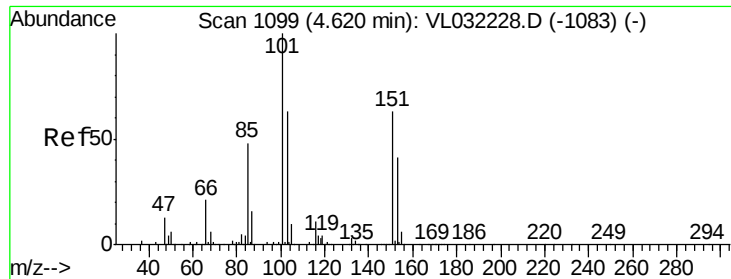
Tgt Ion: 43 Resp: 8723
Ion Ratio Lower Upper
43 100
57 98.2 40.7 61.1#



#11
Trichlorofluoromethane
Concen: 0.021 ppbv
RT: 4.06 min Scan# 926
Delta R.T. -0.00 min
Lab File: VL032239.D
Acq: 13 Jul 2018 6:16

Tgt Ion: 101 Resp: 5388
Ion Ratio Lower Upper
101 100
103 56.2 50.2 75.2

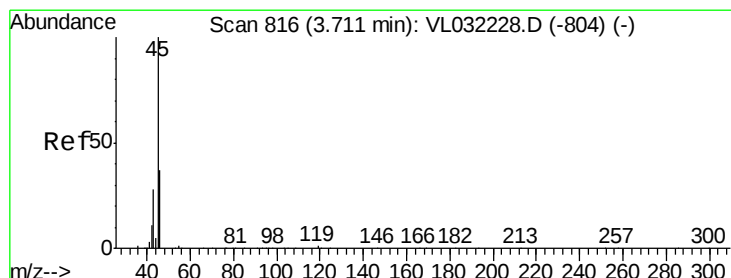
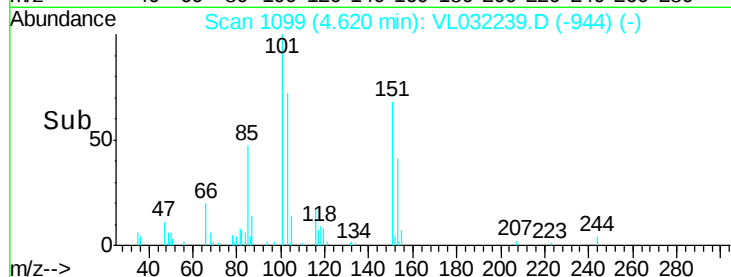
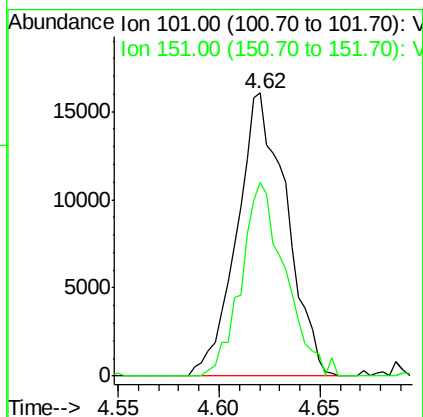
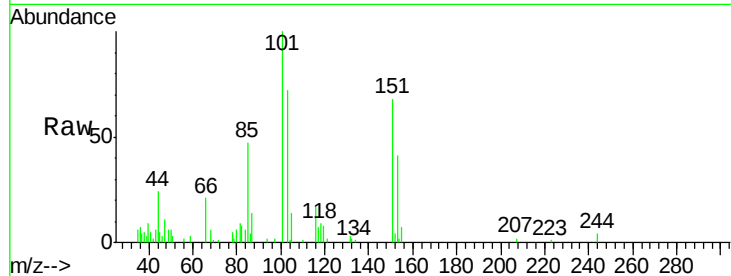




#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.168 ppbv
 RT: 4.62 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: VL032239.D
 Acq: 13 Jul 2018 6:16

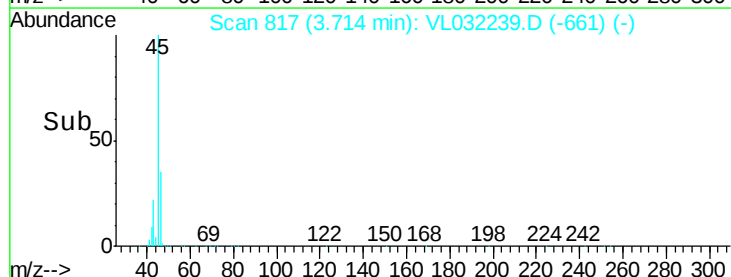
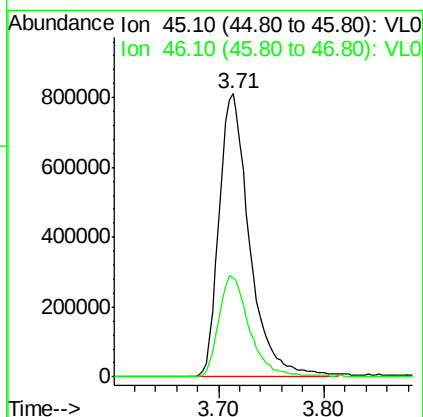
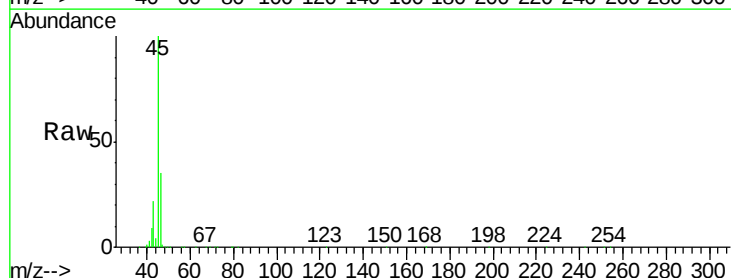
Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

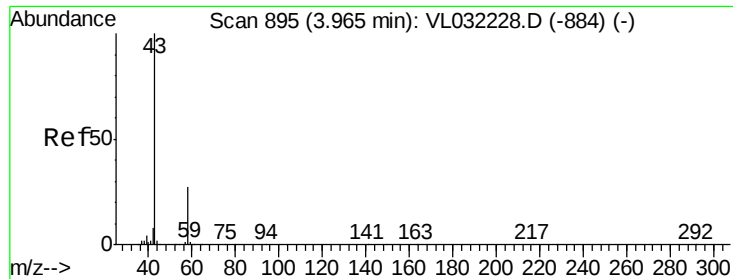
Tgt Ion: 101 Resp: 27583
 Ion Ratio Lower Upper
 101 100
 151 60.8 52.2 78.2



#13
 Ethanol
 Concen: 57.555 ppbv
 RT: 3.71 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: VL032239.D
 Acq: 13 Jul 2018 6:16

Tgt Ion: 45 Resp: 1629052
 Ion Ratio Lower Upper
 45 100
 46 36.6 15.5 61.9





#15

Acetone

Concen: 3.834 ppbv

RT: 3.96 min Scan# 895

Delta R.T. -0.00 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Instrument :

MSVOA_L

ClientSampleId :

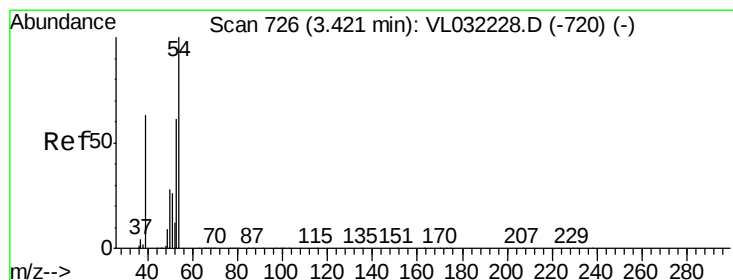
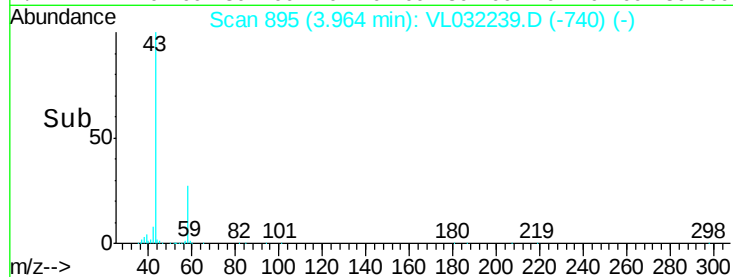
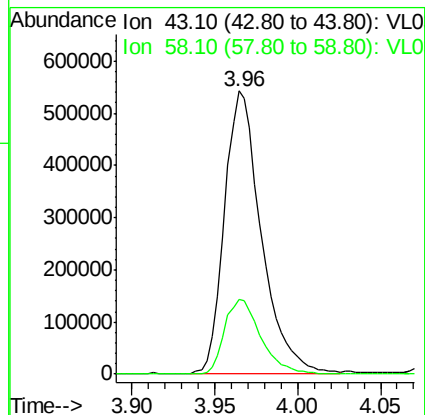
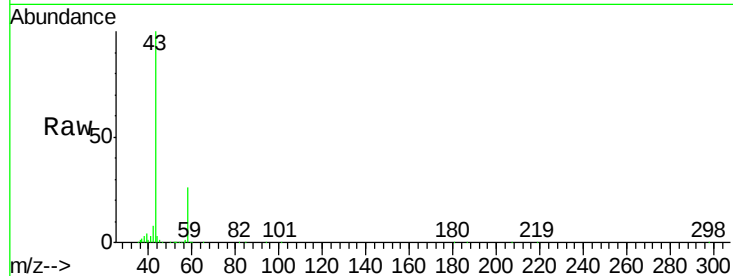
INFLUENTDL

Tgt Ion: 43 Resp: 832819

Ion Ratio Lower Upper

43 100

58 26.4 21.5 32.3



#16

1,3-Butadiene

Concen: 0.236 ppbv

RT: 3.40 min Scan# 719

Delta R.T. -0.02 min

Lab File: VL032239.D

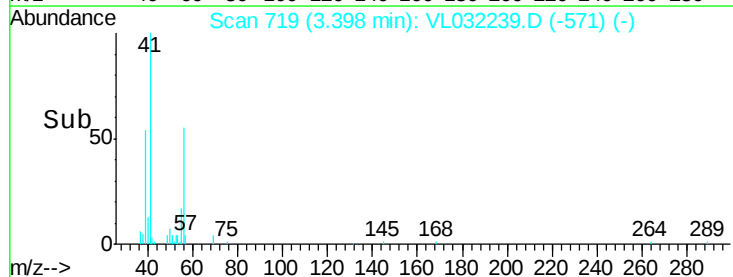
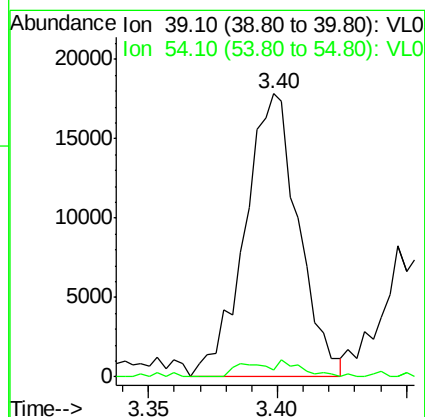
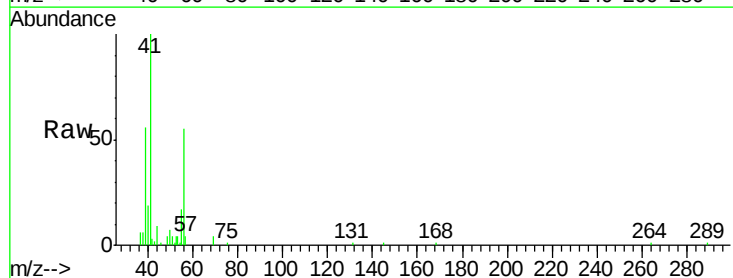
Acq: 13 Jul 2018 6:16

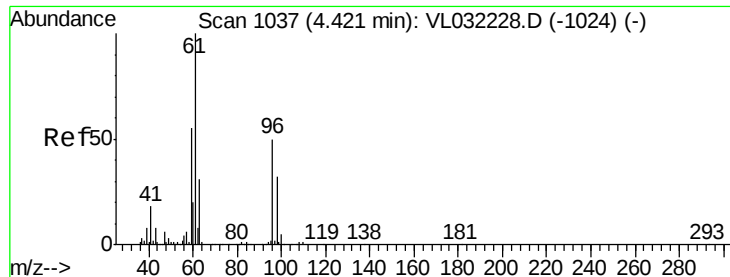
Tgt Ion: 39 Resp: 25921

Ion Ratio Lower Upper

39 100

54 5.8 70.0 105.0#





#17

tert-Butyl alcohol

Concen: 0.476 ppbv

RT: 4.43 min Scan# 1040

Delta R.T. 0.01 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Instrument :

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ClientSampleId :

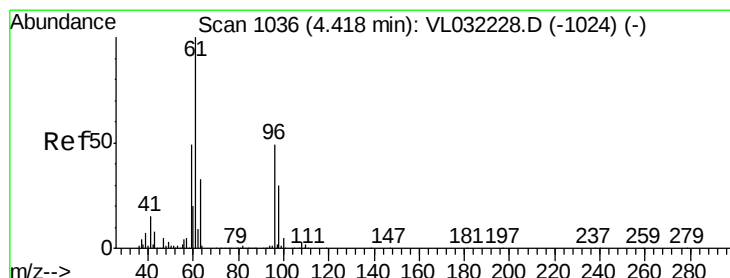
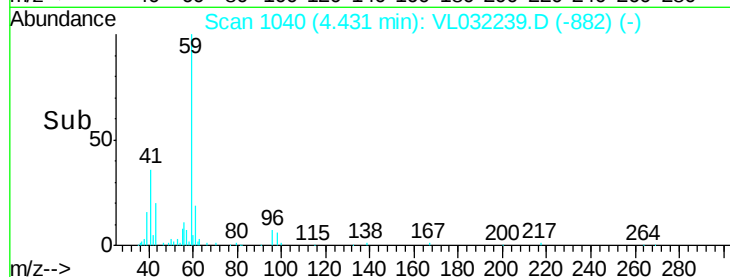
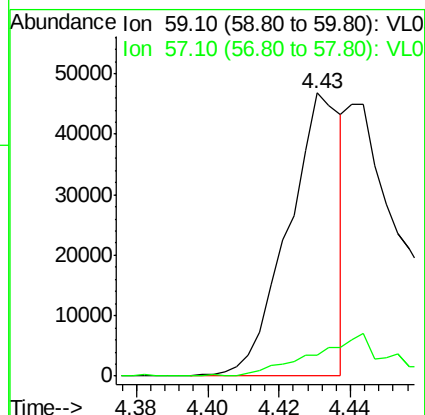
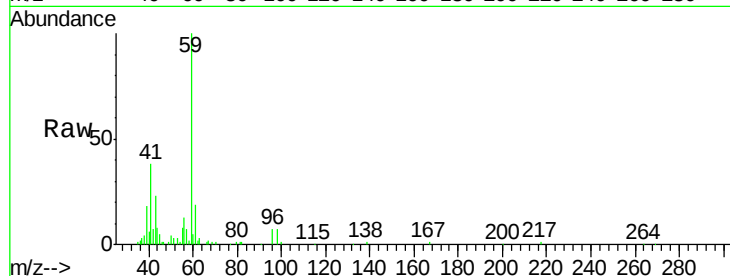
INFLUENTDL

Tgt Ion: 59 Resp: 48264

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



#18

1,1-Dichloroethene

Concen: 0.118 ppbv

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

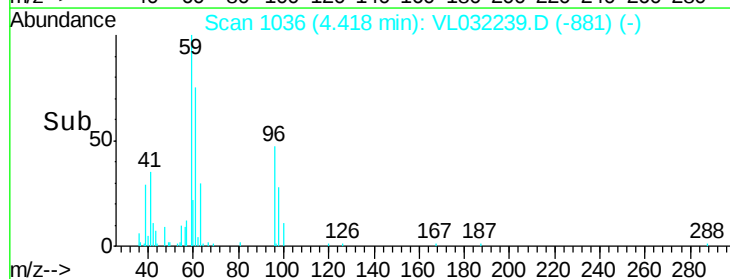
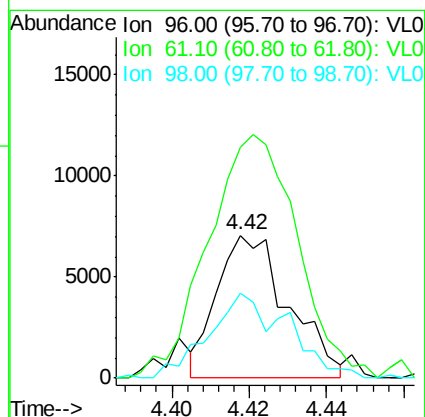
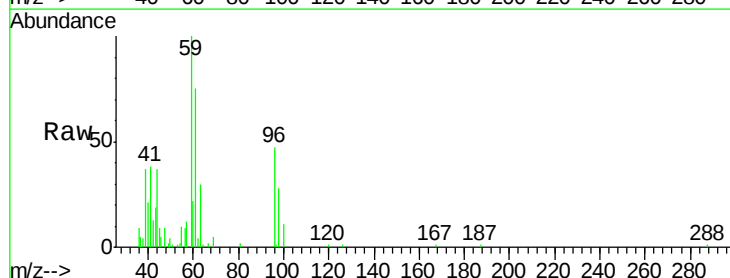
Tgt Ion: 96 Resp: 9023

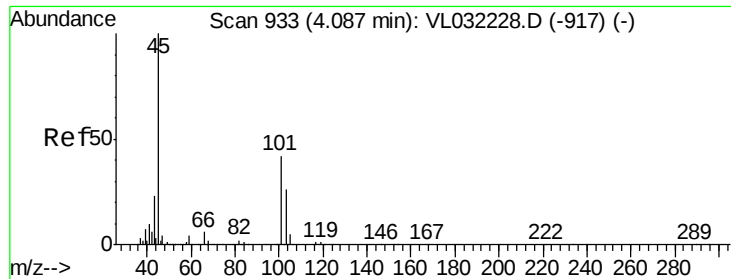
Ion Ratio Lower Upper

96 100

61 156.9 163.0 244.4#

98 57.8 48.5 72.7





#19

Isopropyl Alcohol

Concen: 5.297 ppbv

RT: 4.09 min Scan# 935

Delta R.T. 0.01 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Instrument :

MSVOA_L

ClientSampleId :

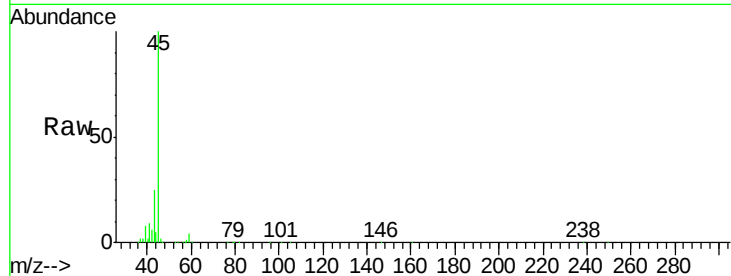
INFLUENTDL

Tgt Ion: 45 Resp: 755460

Ion Ratio Lower Upper

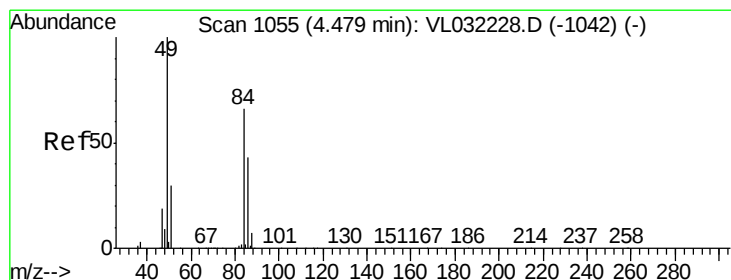
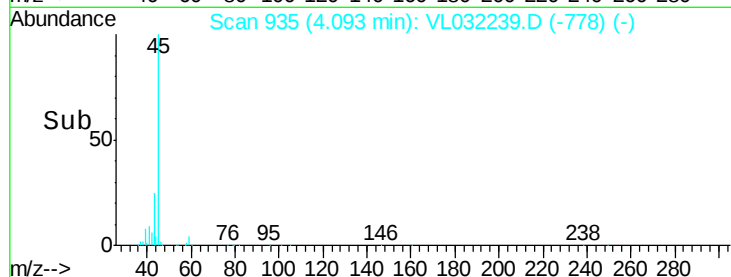
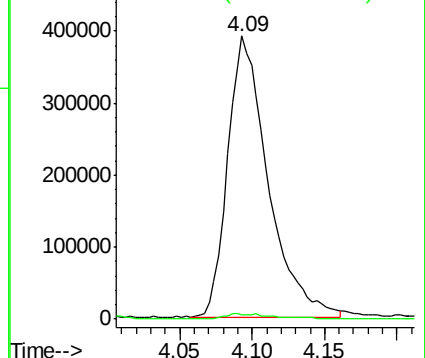
45 100

58 2.3 1.3 1.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 1.213 ppbv

RT: 4.48 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Tgt Ion: 84 Resp: 89303

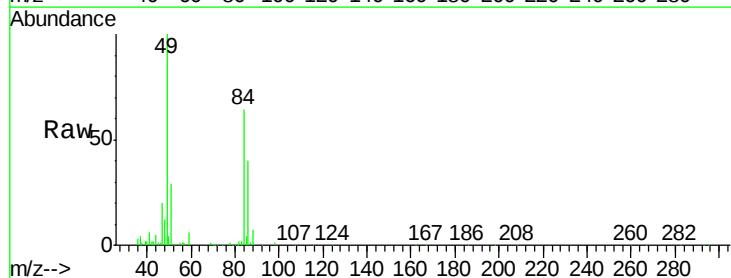
Ion Ratio Lower Upper

84 100

49 156.0 121.8 182.6

51 43.6 36.3 54.5

86 61.8 52.1 78.1

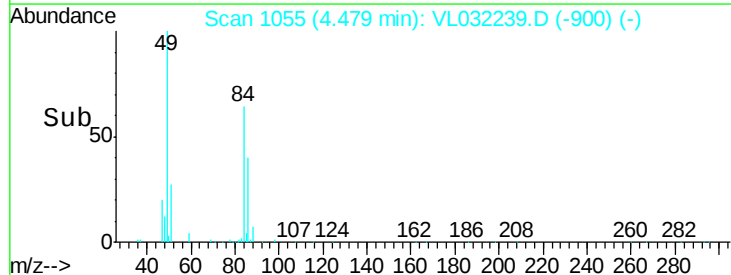
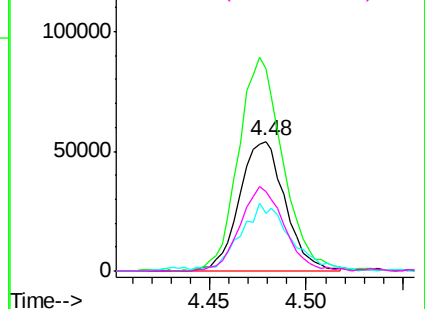


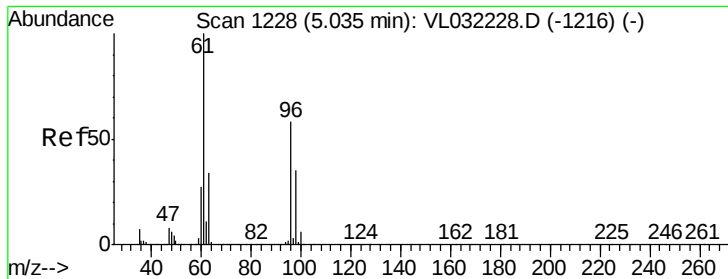
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#22

trans-1,2-Dichloroethene

Concen: 0.108 ppbv

RT: 5.04 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Instrument :

MSVOA_L

ClientSampleId :

INFLUENTDL

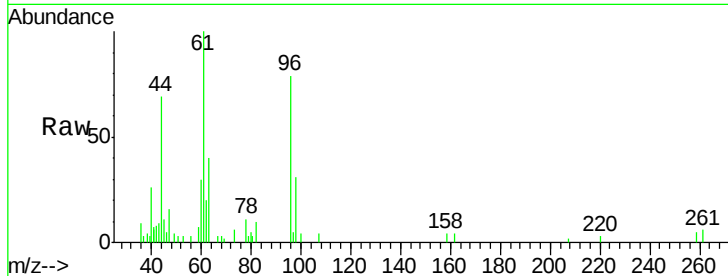
Tgt Ion: 96 Resp: 7846

Ion Ratio Lower Upper

96 100

61 119.0 139.1 208.7#

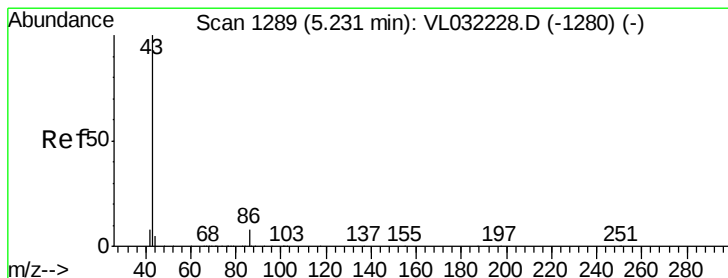
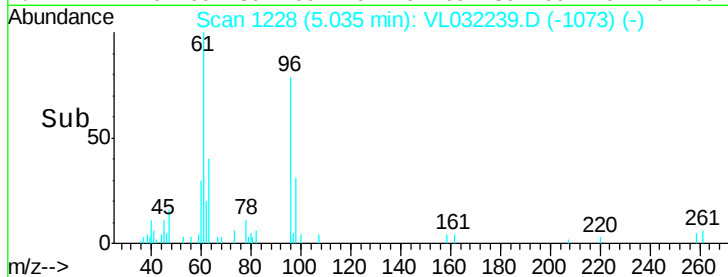
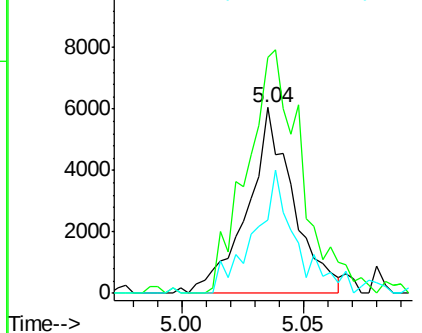
98 37.1 48.4 72.6#



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#23

Vinyl Acetate

Concen: 0.177 ppbv

RT: 5.22 min Scan# 1286

Delta R.T. -0.01 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Tgt Ion: 43 Resp: 63814

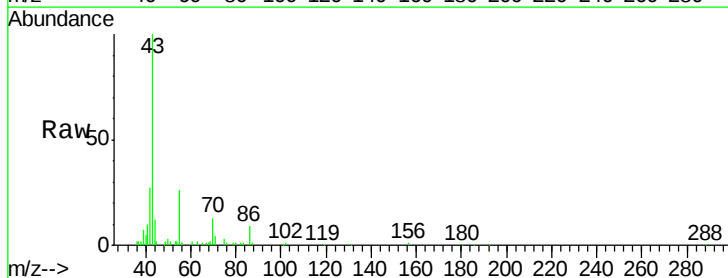
Ion Ratio Lower Upper

43 100

86 9.4 5.9 8.9#

42 25.6 7.0 10.6#

44 3.4 4.2 6.2#

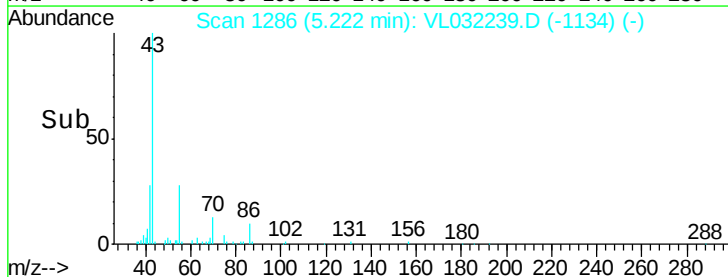
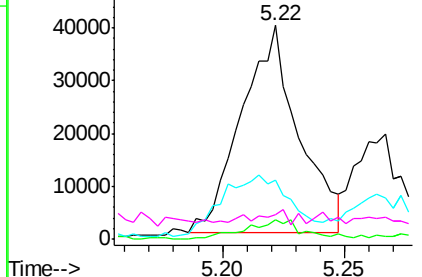


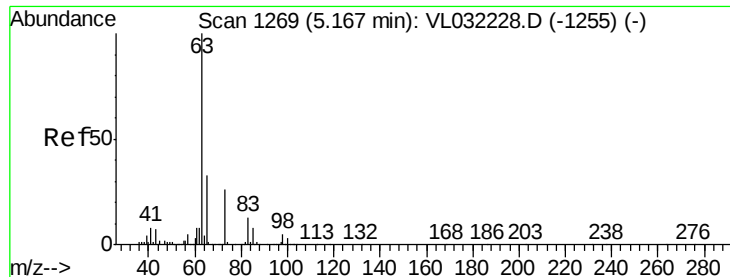
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0





#24

1,1-Dichloroethane

Concen: 1.342 ppbv

RT: 5.16 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Instrument :

MSVOA_L

ClientSampleId :

INFLUENTDL

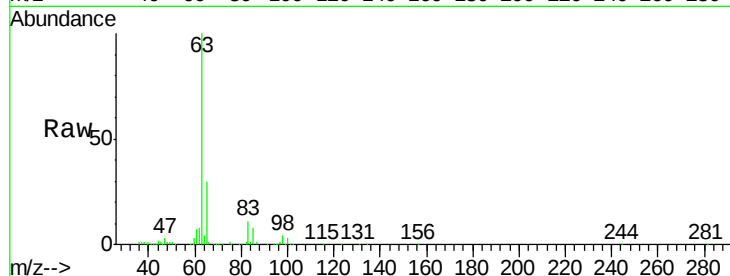
Tgt Ion: 63 Resp: 340372

Ion Ratio Lower Upper

63 100

98 4.5 2.4 7.1

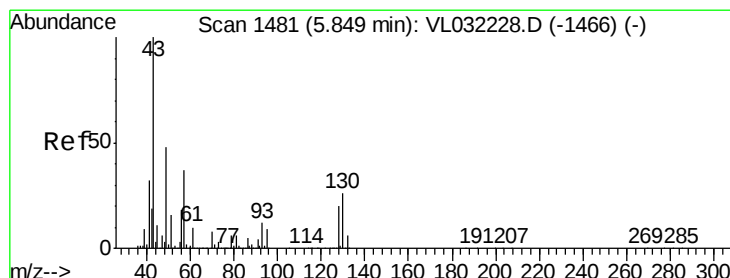
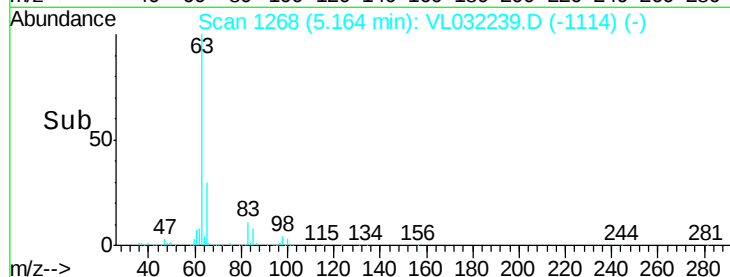
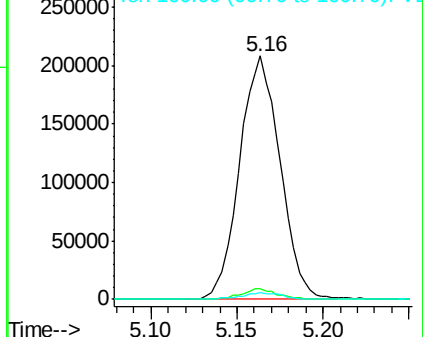
100 2.9 1.5 4.4



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: 0.139 ppbv

RT: 5.86 min Scan# 1483

Delta R.T. 0.01 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Tgt Ion: 43 Resp: 59658

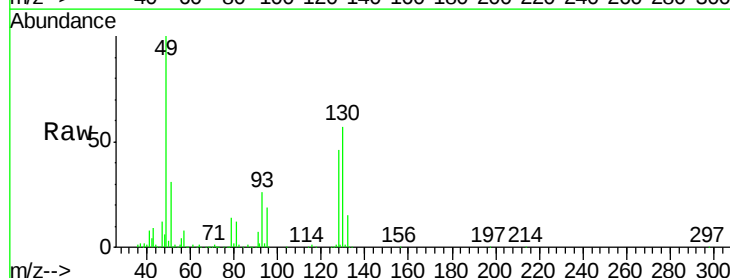
Ion Ratio Lower Upper

43 100

45 9.6 8.0 12.0

61 6.0 7.7 11.5#

70 5.1 5.9 8.9#

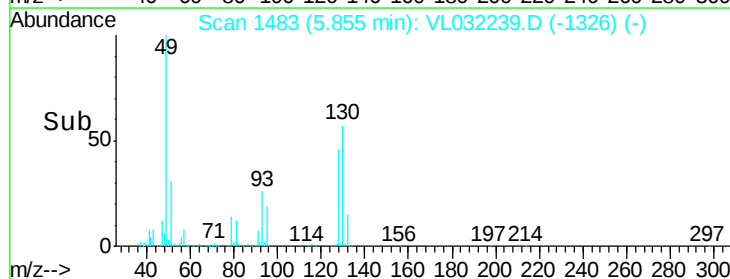
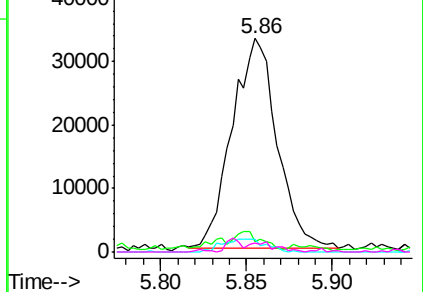


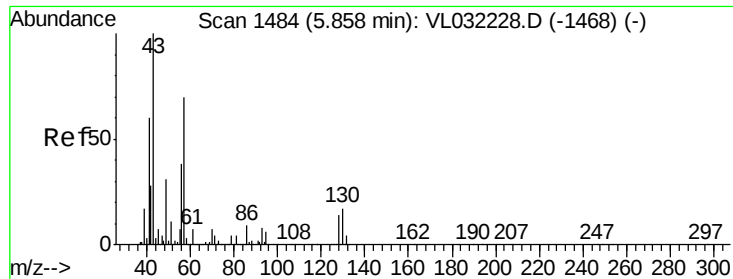
Abundance Ion 43.10 (42.80 to 43.80): VL0

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

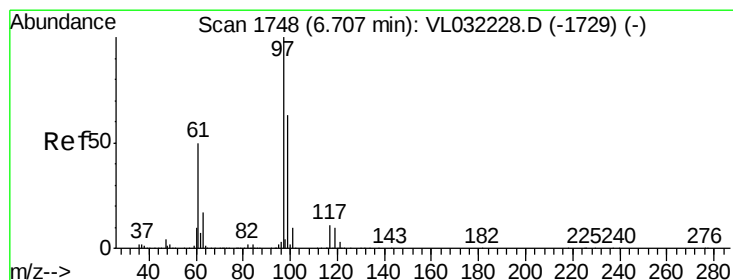
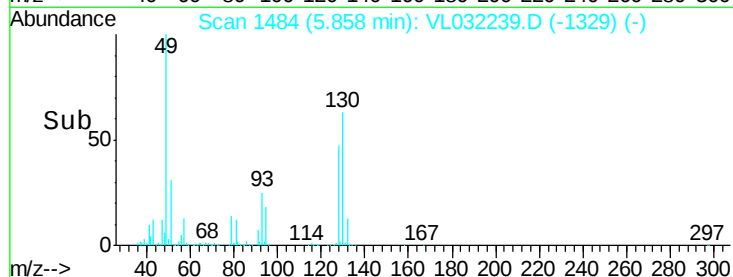
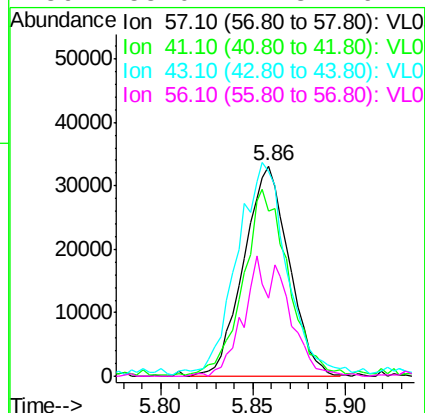
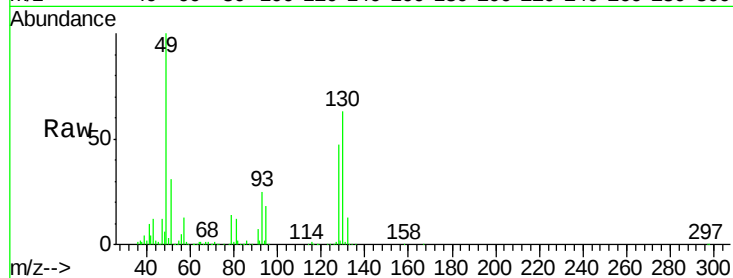




#26
Hexane
Concen: 0.288 ppbv
RT: 5.86 min Scan# 1484
Delta R.T. -0.00 min
Lab File: VL032239.D
Acq: 13 Jul 2018 6:16

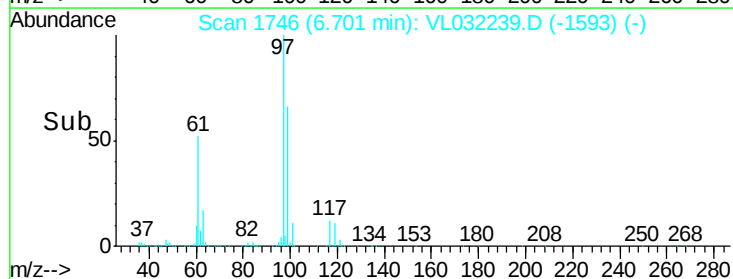
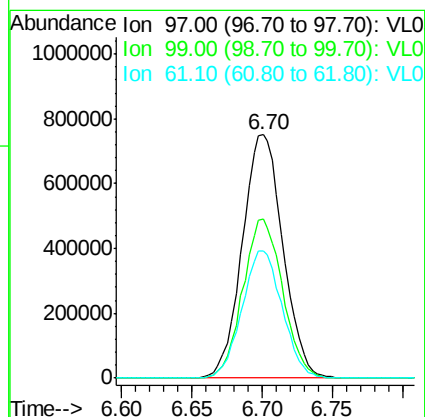
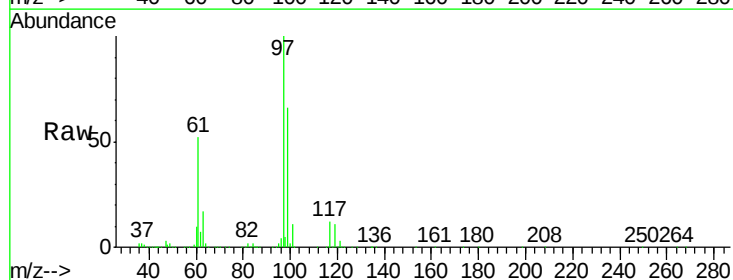
Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

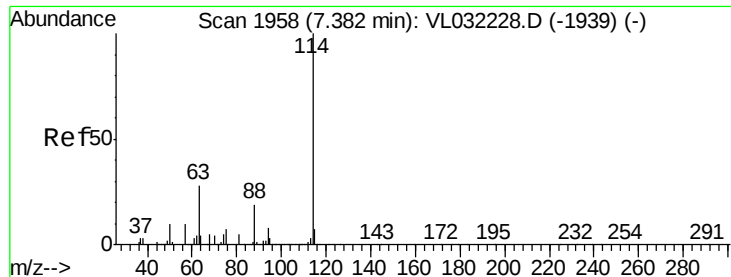
Tgt Ion: 57 Resp: 56442
Ion Ratio Lower Upper
57 100
41 88.8 68.7 103.1
43 110.7 176.2 264.2#
56 55.0 42.8 64.2



#32
1,1,1-Trichloroethane
Concen: 5.157 ppbv
RT: 6.70 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VL032239.D
Acq: 13 Jul 2018 6:16

Tgt Ion: 97 Resp: 1514765
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 51.7 41.3 61.9

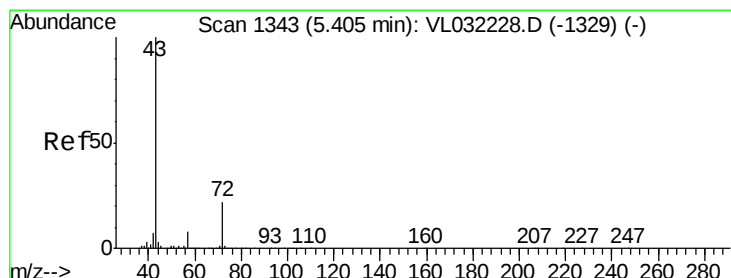
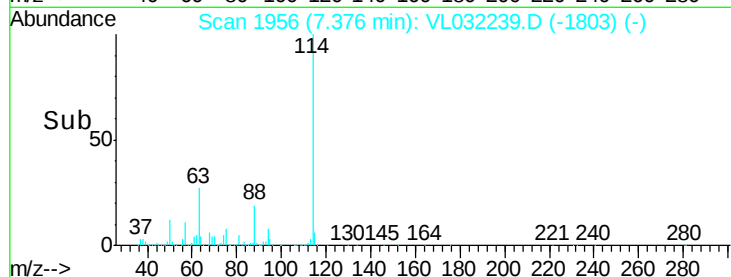
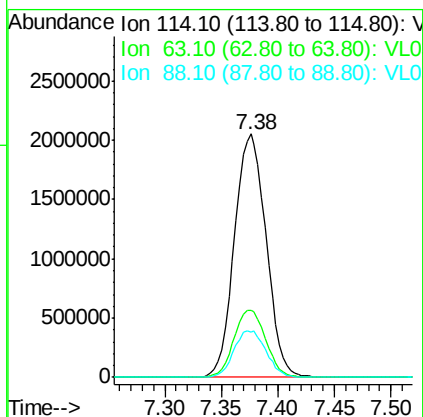
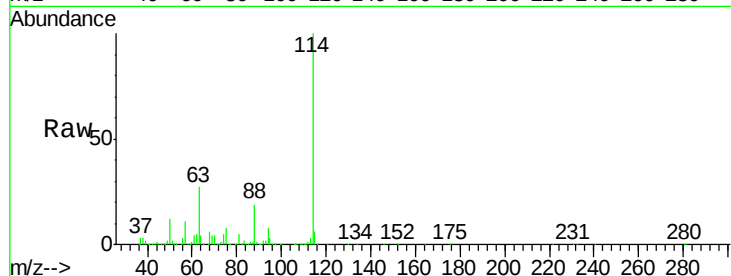




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.38 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: VL032239.D
 Acq: 13 Jul 2018 6:16

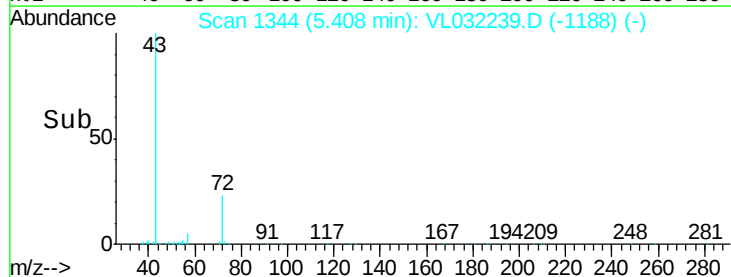
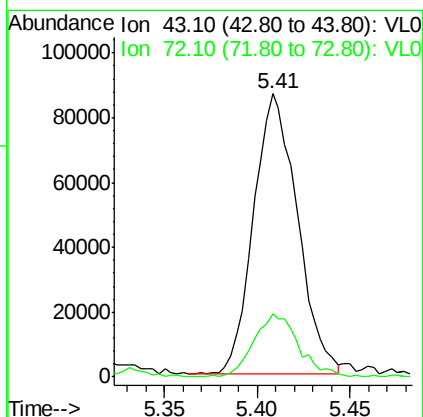
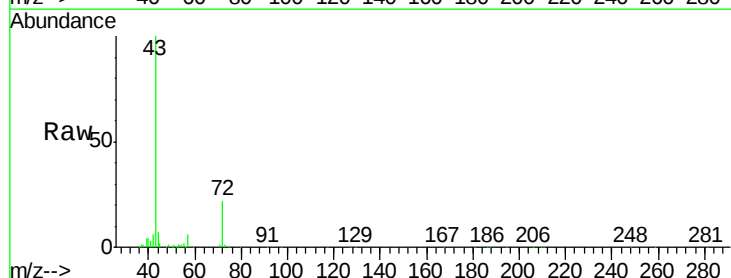
Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

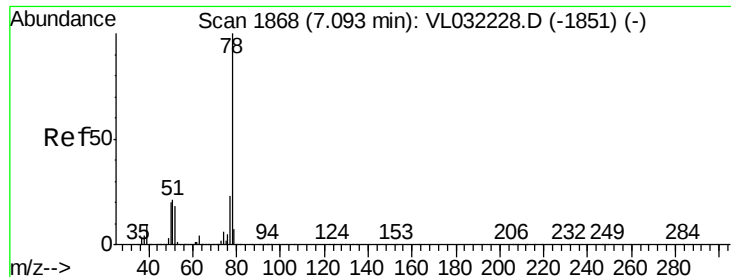
Tgt Ion:114 Resp: 4014923
 Ion Ratio Lower Upper
 114 100
 63 27.9 22.5 33.7
 88 19.5 15.4 23.0



#34
 2-Butanone
 Concen: 0.521 ppbv
 RT: 5.41 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VL032239.D
 Acq: 13 Jul 2018 6:16

Tgt Ion: 43 Resp: 142620
 Ion Ratio Lower Upper
 43 100
 72 23.2 18.1 27.1

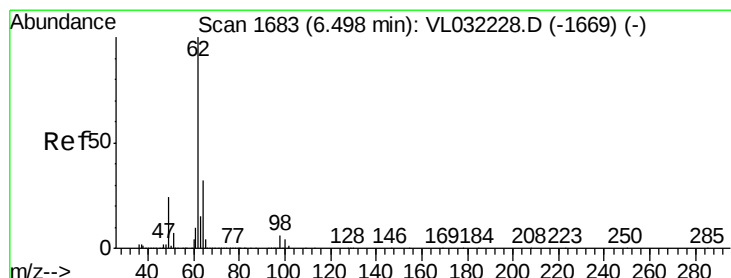
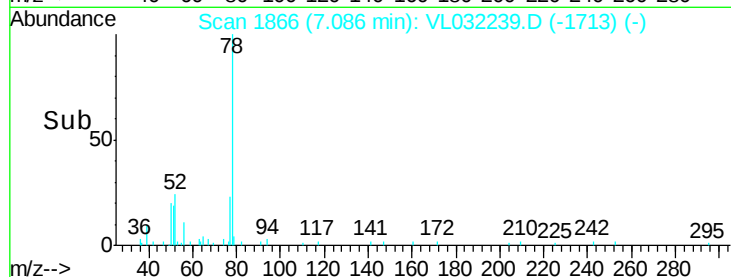
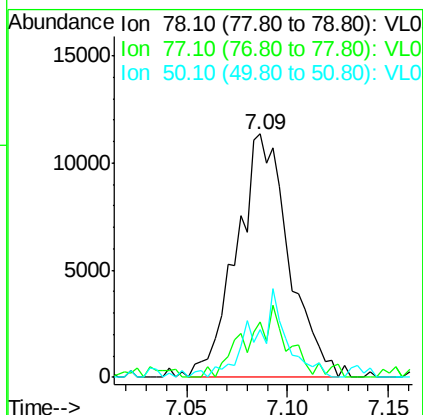
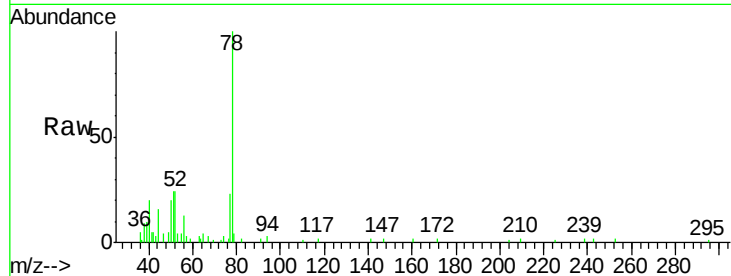




#36
Benzene
Concen: 0.051 ppbv
RT: 7.09 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VL032239.D
Acq: 13 Jul 2018 6:16

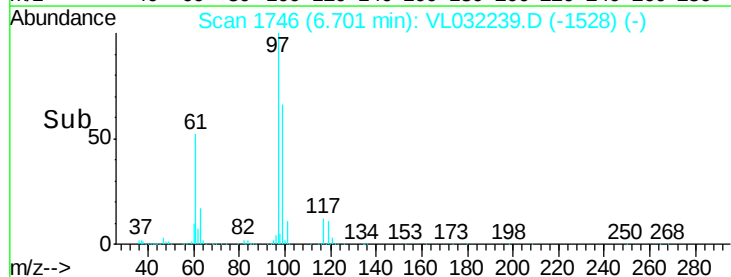
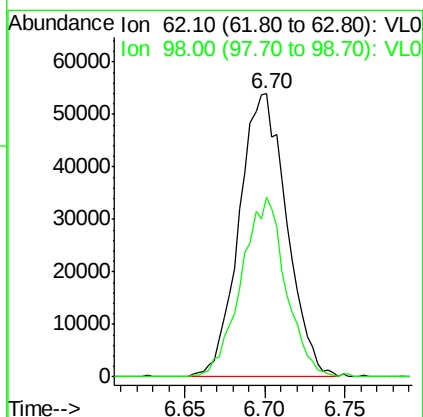
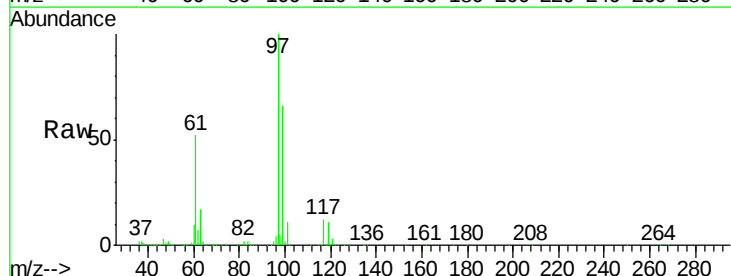
Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

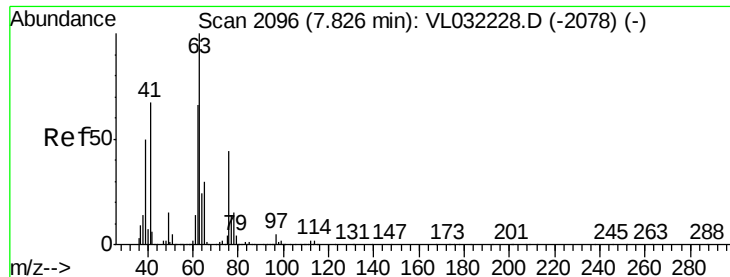
Tgt Ion: 78 Resp: 20484
Ion Ratio Lower Upper
78 100
77 22.8 18.0 27.0
50 19.8 15.8 23.8



#37
1,2-Dichloroethane
Concen: 0.502 ppbv
RT: 6.70 min Scan# 1746
Delta R.T. 0.20 min
Lab File: VL032239.D
Acq: 13 Jul 2018 6:16

Tgt Ion: 62 Resp: 109660
Ion Ratio Lower Upper
62 100
98 59.7 4.6 7.0#





#39

1,2-Dichloropropane

Concen: 7.012 ppbv

RT: 7.38 min Scan# 1956

Delta R.T. -0.45 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Instrument :

MSVOA_L

ClientSampleId :

INFLUENTDL

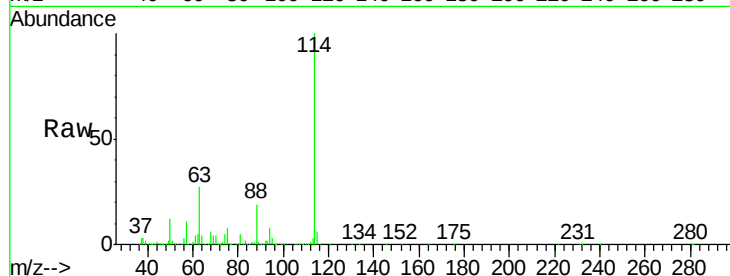
Tgt Ion: 63 Resp: 1111978

Ion Ratio Lower Upper

63 100

41 0.0 53.8 80.6#

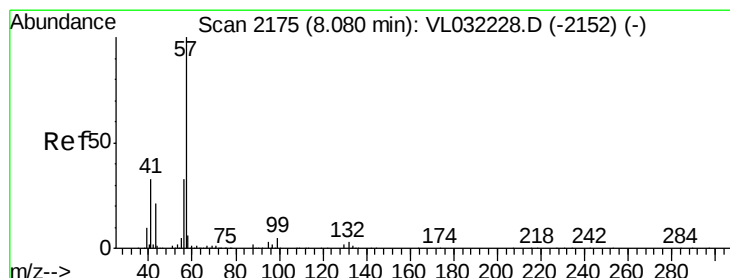
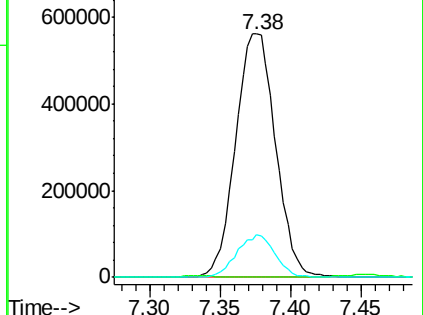
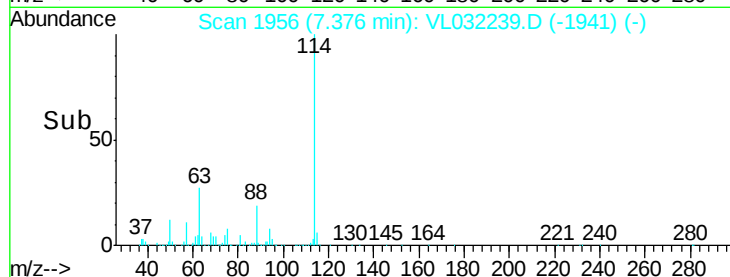
62 17.5 53.1 79.7#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.175 ppbv

RT: 8.08 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

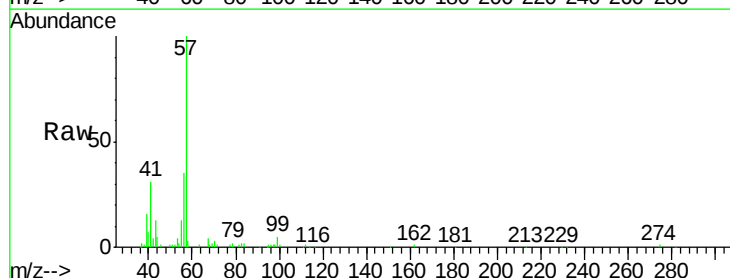
Tgt Ion: 57 Resp: 119948

Ion Ratio Lower Upper

57 100

41 36.0 24.7 37.1

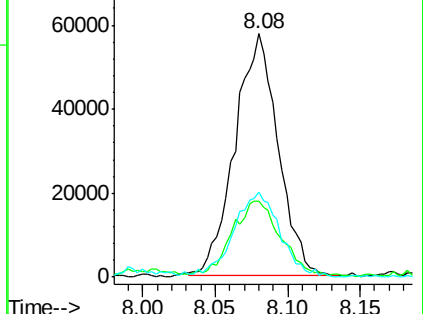
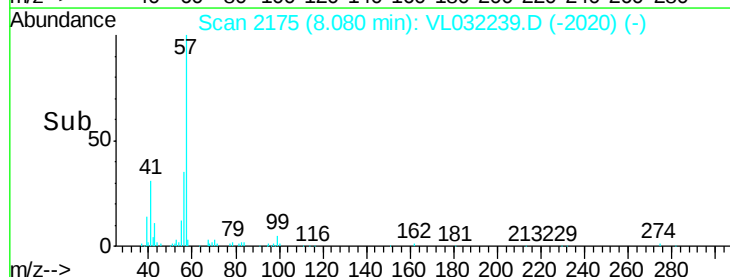
56 37.9 25.4 38.0

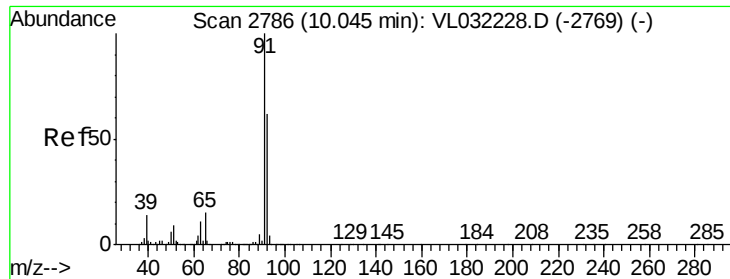


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#53

Toluene

Concen: 0.353 ppbv

RT: 10.03 min Scan# 2783

Delta R.T. -0.01 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Instrument :

MSVOA_L

ClientSampleId :

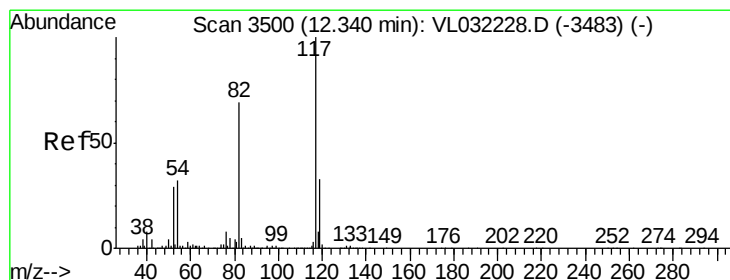
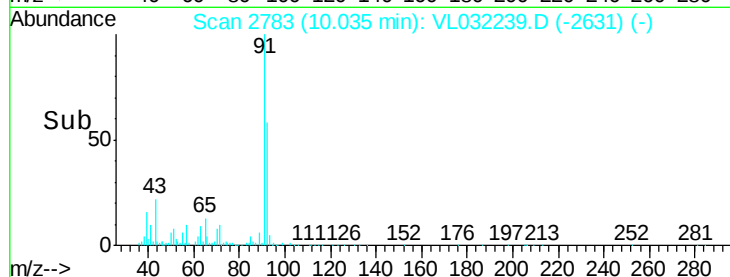
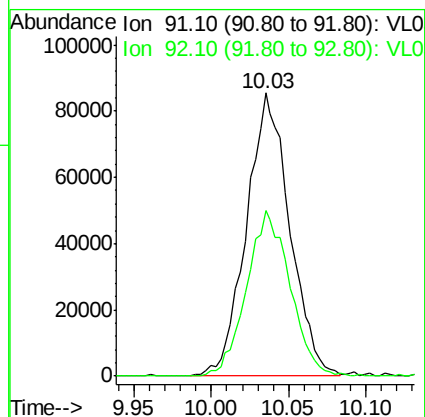
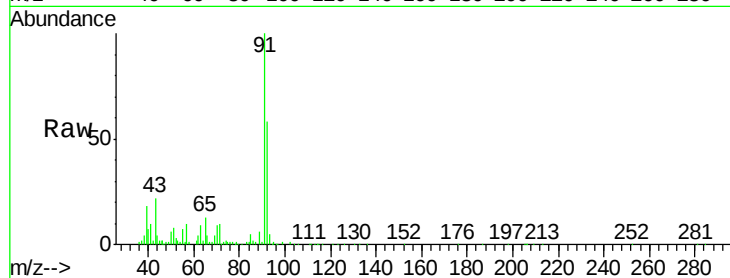
INFLUENTDL

Tgt Ion: 91 Resp: 166564

Ion Ratio Lower Upper

91 100

92 58.5 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: VL032239.D

Acq: 13 Jul 2018 6:16

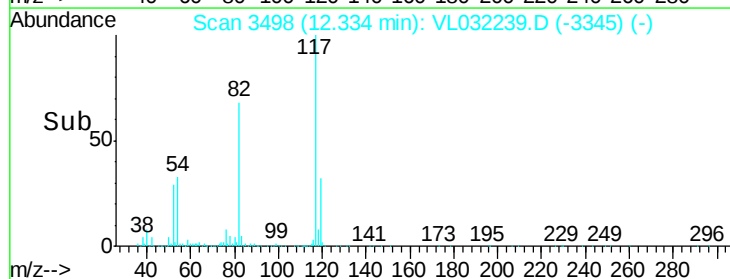
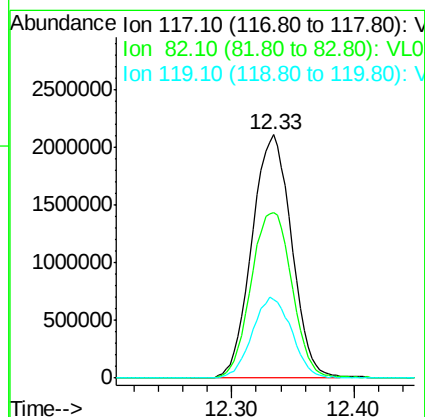
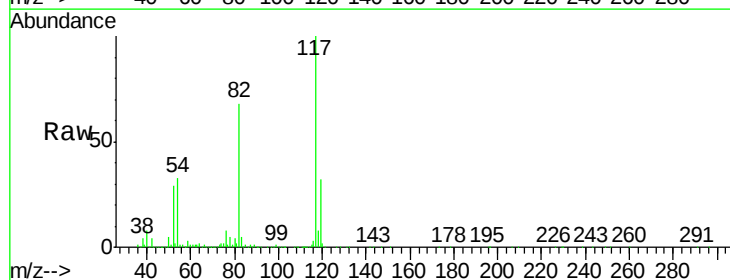
Tgt Ion: 117 Resp: 4749260

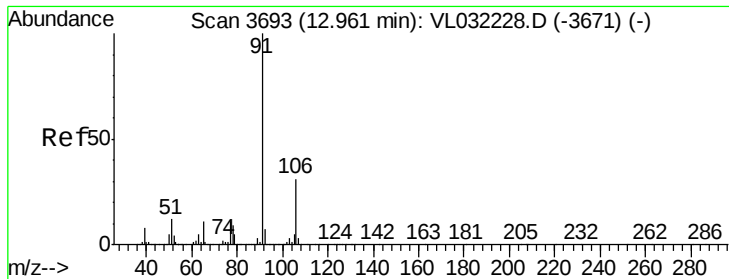
Ion Ratio Lower Upper

117 100

82 71.0 53.2 79.8

119 33.1 43.9 65.9#





#58

Ethyl Benzene

Concen: 0.031 ppbv

RT: 12.96 min Scan# 3692

Delta R.T. -0.00 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Instrument :

MSVOA_L

ClientSampleId :

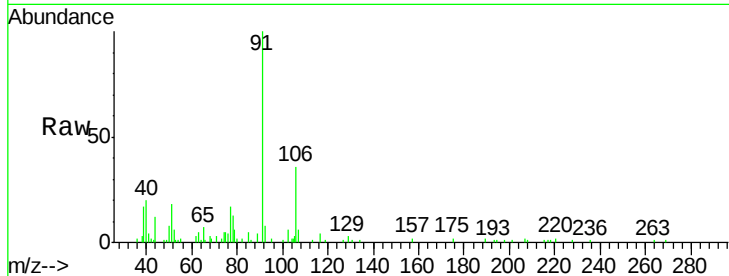
INFLUENTDL

Tgt Ion: 91 Resp: 21596

Ion Ratio Lower Upper

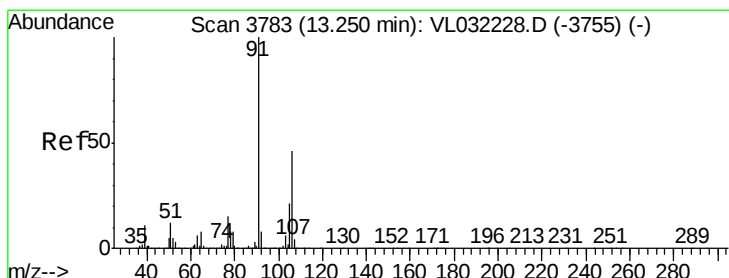
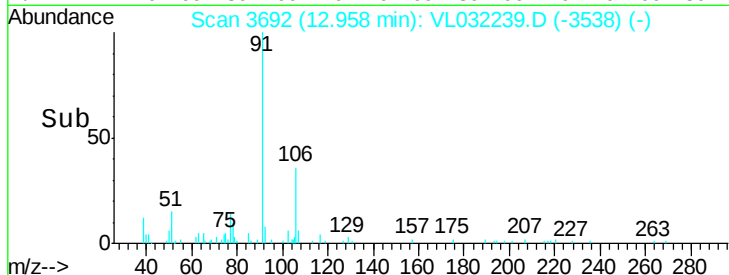
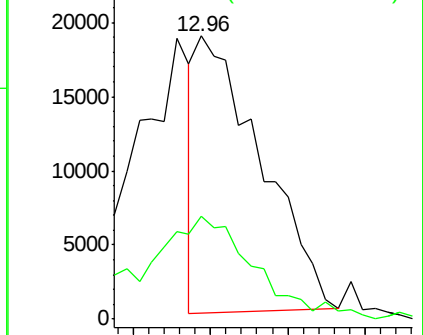
91 100

106 34.8 24.5 36.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.055 ppbv

RT: 13.24 min Scan# 3780

Delta R.T. -0.01 min

Lab File: VL032239.D

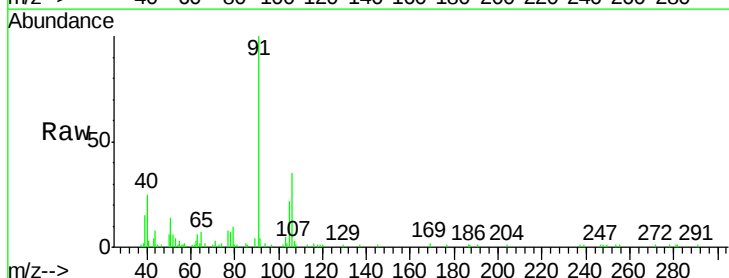
Acq: 13 Jul 2018 6:16

Tgt Ion: 91 Resp: 31254

Ion Ratio Lower Upper

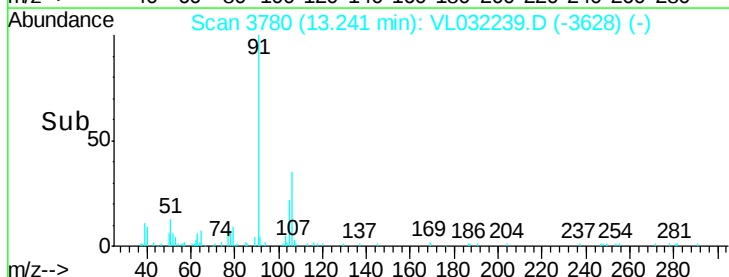
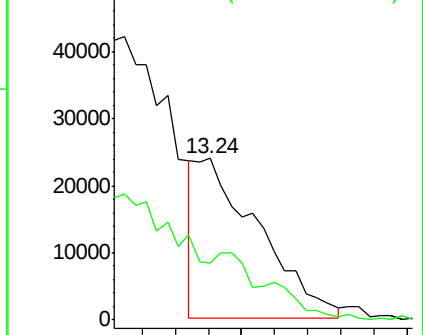
91 100

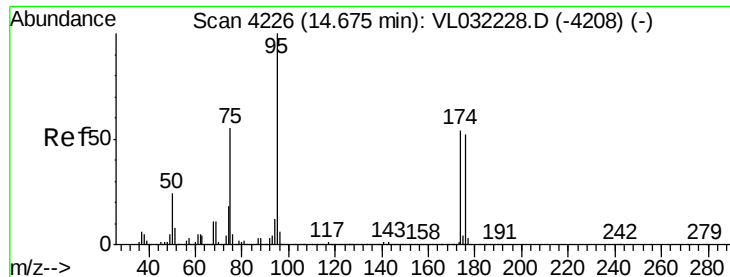
106 0.0 36.4 54.6#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.427 ppbv

RT: 14.67 min Scan# 4224

Delta R.T. -0.01 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

Instrument :

MSVOA_L

ClientSampleId :

INFLUENTDL

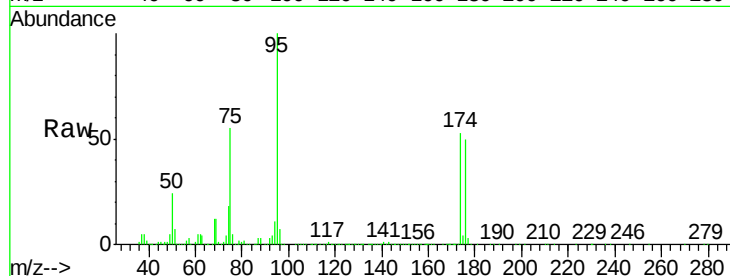
Tgt Ion: 95 Resp: 3833430

Ion Ratio Lower Upper

95 100

174 54.7 44.6 67.0

175 4.1 3.3 4.9

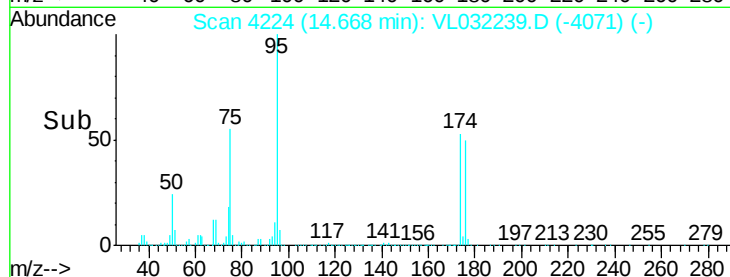


Abundance Ion 95.10 (94.80 to 95.80): VL032228.D (-4208) (-)

Ion 174.00 (173.70 to 174.70): VL032228.D (-4208) (-)

Ion 175.00 (174.70 to 175.70): VL032228.D (-4208) (-)

Time-->

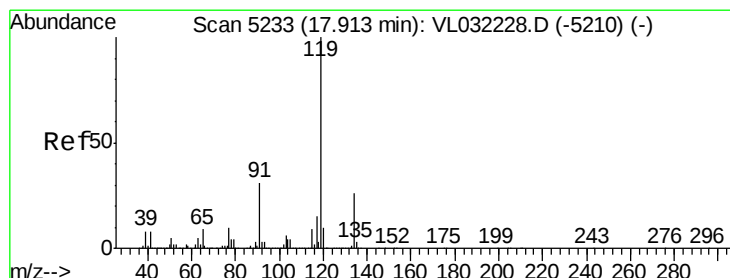


Abundance Ion 95.10 (94.80 to 95.80): VL032239.D (-4071) (-)

Ion 174.00 (173.70 to 174.70): VL032239.D (-4071) (-)

Ion 175.00 (174.70 to 175.70): VL032239.D (-4071) (-)

Time-->



#69

p-Isopropyltoluene

Concen: 0.247 ppbv

RT: 17.91 min Scan# 5231

Delta R.T. -0.01 min

Lab File: VL032239.D

Acq: 13 Jul 2018 6:16

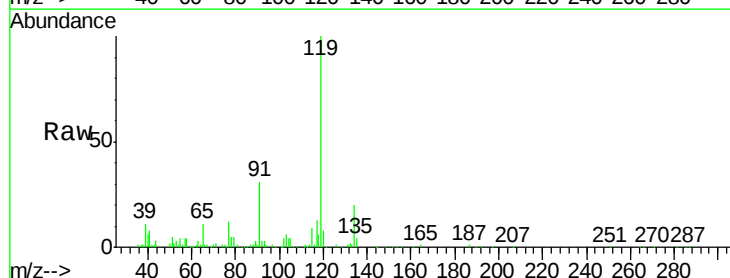
Tgt Ion: 119 Resp: 185337

Ion Ratio Lower Upper

119 100

134 23.7 20.1 30.1

91 33.9 24.2 36.2

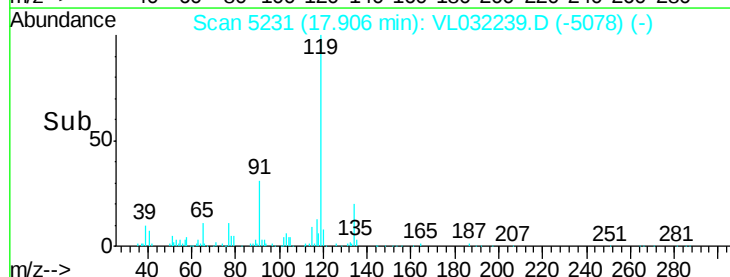


Abundance Ion 119.10 (118.80 to 119.80): VL032228.D (-5210) (-)

Ion 134.20 (133.90 to 134.90): VL032228.D (-5210) (-)

Ion 91.10 (90.80 to 91.80): VL032228.D (-5210) (-)

Time-->

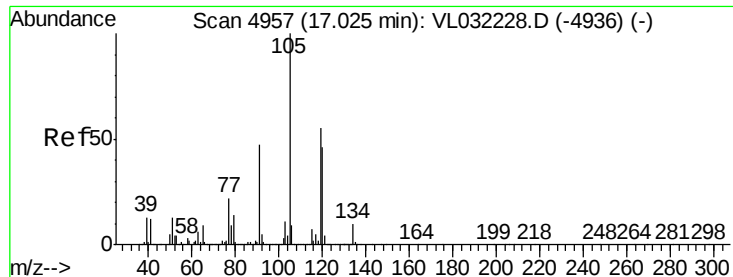


Abundance Ion 119.10 (118.80 to 119.80): VL032239.D (-5078) (-)

Ion 134.20 (133.90 to 134.90): VL032239.D (-5078) (-)

Ion 91.10 (90.80 to 91.80): VL032239.D (-5078) (-)

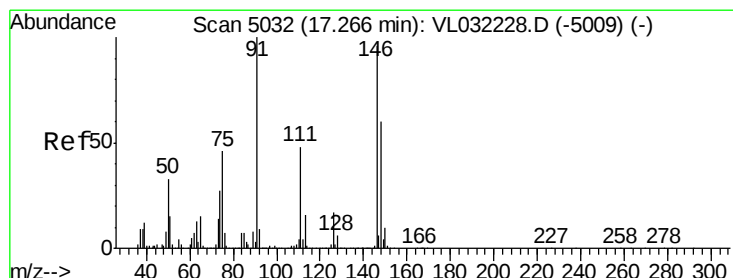
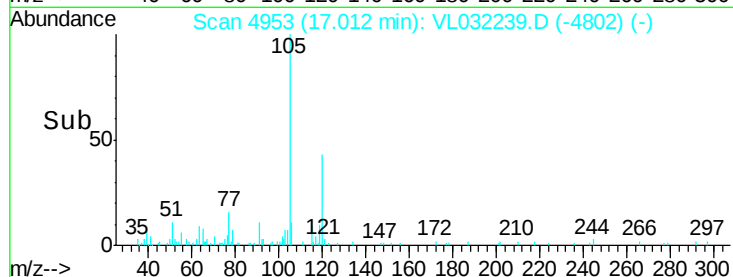
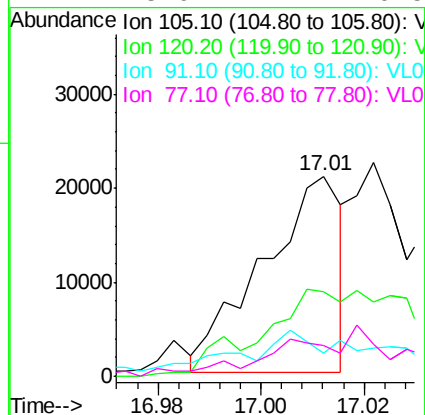
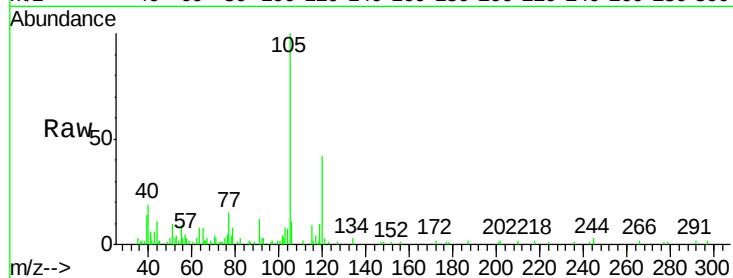
Time-->



#74
1,2,4-Trimethylbenzene
Concen: 0.037 ppbv
RT: 17.01 min Scan# 4953
Delta R.T. -0.01 min
Lab File: VL032239.D
Acq: 13 Jul 2018 6:16

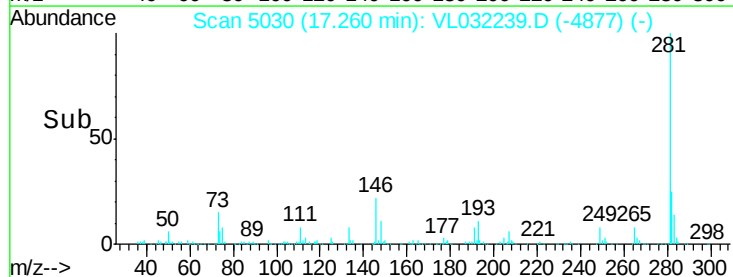
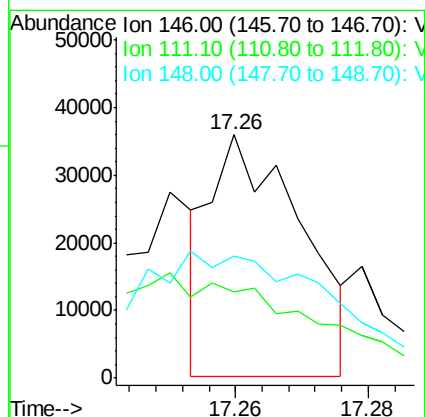
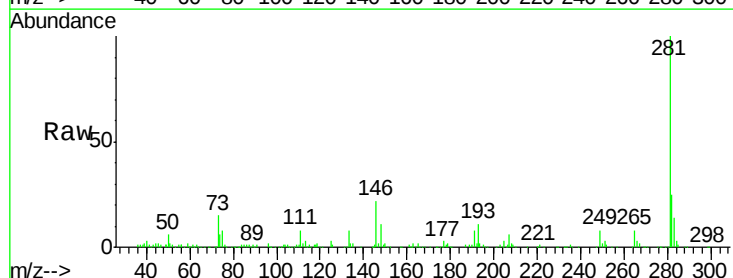
Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

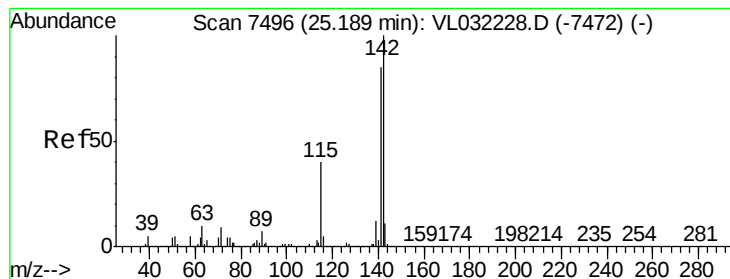
Tgt Ion:	105	Resp:	22050
Ion Ratio	Lower	Upper	
105	100		
120	45.0	37.0	55.4
91	6.0	38.2	57.2#
77	13.9	17.7	26.5#



#75
1,3-Dichlorobenzene
Concen: 0.095 ppbv
RT: 17.26 min Scan# 5030
Delta R.T. -0.01 min
Lab File: VL032239.D
Acq: 13 Jul 2018 6:16

Tgt Ion:	146	Resp:	33779
Ion Ratio	Lower	Upper	
146	100		
111	0.0	24.9	74.7#
148	0.0	31.9	95.5#





#80
 Naphthalene, 2-methyl-
 Concen: 0.036 ppbv
 RT: 25.20 min Scan# 7501
 Delta R.T. 0.02 min
 Lab File: VL032239.D
 Acq: 13 Jul 2018 6:16

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.9	67.0	100.6
115	48.6	32.6	49.0

