

Data Path : C:\USERS\EUSER\DESKTOP\VL083118\
 Data File : VL032438.D
 Acq On : 31 Aug 2018 5:44
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DFTPP

Quant Time: Dec 03 03:10:24 2018

Quant Method : C:\USERS\EUSER\DESKTOP\VL083118AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Sep 21 02:39:49 2018

QLast Update : Fri Sep 21 02:39:49 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.81	49	2050682	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	4257346	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	5138249	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	3103405	8.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	3.11	85	1992405	7.595 ppbv	97
3) Chlorodifluoromethane	3.04	51	1728398	9.311 ppbv	100
4) Chloromethane	3.20	50	1067663	9.499 ppbv	98
5) Vinyl Chloride	3.32	62	1007262	9.079 ppbv	98
6) Bromomethane	3.55	94	574538	9.866 ppbv	99
7) Chloroethane	3.63	64	377263	9.825 ppbv	100
8) Dichlorotetrafluoroethane	3.25	85	2151724	9.242 ppbv	100
9) Propene	3.07	41	795203	10.620 ppbv	100
10) Heptane	8.30	43	2822782	10.508 ppbv	100
11) Trichlorofluoromethane	4.04	101	2214384	9.362 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.59	101	1481576	9.244 ppbv	99
13) Ethanol	3.68	45	195696	8.384 ppbv	95
14) Bromoethene	3.82	108	685230	10.091 ppbv	99
15) Acetone	3.94	43	1687083	9.136 ppbv	100
16) 1,3-Butadiene	3.40	39	867672	9.985 ppbv	93
17) tert-Butyl alcohol	4.40	59	251366	8.845 ppbv #	100
18) 1,1-Dichloroethene	4.39	96	718349	9.807 ppbv	96
19) Isopropyl Alcohol	4.06	45	1313653	10.844 ppbv	100
20) Methylene Chloride	4.45	84	639245	9.078 ppbv	99
21) Allyl Chloride	4.52	41	1267173	10.331 ppbv	100
22) trans-1,2-Dichloroethene	5.01	96	725198	9.124 ppbv	98
23) Vinyl Acetate	5.20	43	3156347	10.312 ppbv	99
24) 1,1-Dichloroethane	5.13	63	2183935	8.659 ppbv	99
25) Ethyl Acetate	5.81	43	4088041	9.374 ppbv	100
26) Hexane	5.83	57	1882160	9.639 ppbv	99
27) Carbon Disulfide	4.66	76	1859759	10.317 ppbv	99
28) Methyl tert-Butyl Ether	5.16	73	2233109	9.314 ppbv	100
29) Chloroform	5.90	83	2721310	9.140 ppbv	98
30) Cyclohexane	7.30	84	1510500	10.564 ppbv	98
31) cis-1,2-Dichloroethene	5.69	61	1859558	10.517 ppbv	97
32) 1,1,1-Trichloroethane	6.67	97	2551117	9.193 ppbv	99
34) 2-Butanone	5.37	43	2810376	9.938 ppbv	100
35) Carbon Tetrachloride	7.19	117	2563772	8.960 ppbv	99
36) Benzene	7.06	78	3636387	10.037 ppbv	98
37) 1,2-Dichloroethane	6.46	62	2079193	9.365 ppbv	100
38) Trichloroethene	8.02	130	1408328	10.233 ppbv	99
39) 1,2-Dichloropropane	7.79	63	1491629	9.623 ppbv	96
40) 1,4-Dioxane	8.00	88	207548	4.463 ppbv #	1
41) Tetrahydrofuran	6.19	42	1633111	10.608 ppbv	100
42) Bromodichloromethane	7.97	83	3110866	10.159 ppbv	98
43) Methyl Methacrylate	8.19	69	1690160	10.996 ppbv	100

Data Path : C:\USERS\EUSER\DESKTOP\VL083118\
 Data File : VL032438.D
 Acq On : 31 Aug 2018 5:44
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DFTPP

Quant Time: Dec 03 03:10:24 2018
 Quant Method : C:\USERS\EUSER\DESKTOP\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Sep 21 02:39:49 2018
 QLast Update : Fri Sep 21 02:39:49 2018
 Response via : Initial Calibration

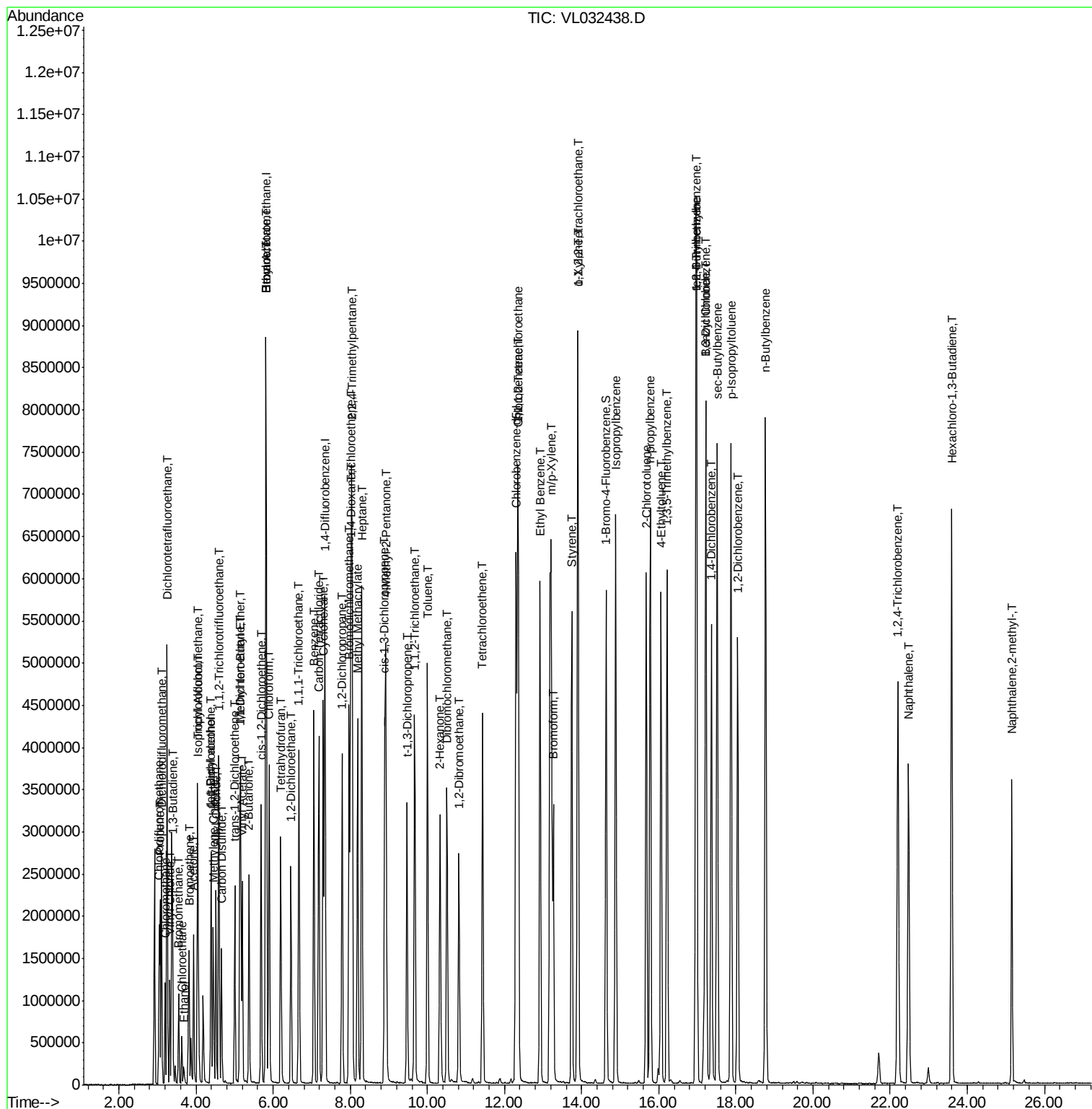
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	8.04	57	7144592	10.200	ppbv	100
45) t-1,3-Dichloropropene	9.47	75	2009545	12.218	ppbv	99
46) cis-1,3-Dichloropropene	8.89	75	2452451	11.669	ppbv	98
47) 1,1,2-Trichloroethane	9.67	97	1598535	9.699	ppbv	98
48) Dibromochloromethane	10.51	129	2230569	9.772	ppbv	100
49) Bromoform	13.26	173	1980484	9.983	ppbv	100
50) 4-Methyl-2-Pentanone	8.92	43	4314660	10.129	ppbv	100
51) 2-Hexanone	10.32	43	3055567	11.136	ppbv	100
52) Tetrachloroethene	11.43	164	1087330	9.679	ppbv	97
53) Toluene	10.00	91	3998318	10.558	ppbv	100
54) 1,2-Dibromoethane	10.82	107	2363211	10.680	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.34	131	1695107	7.318	ppbv	99
57) Chlorobenzene	12.36	112	3047552	7.421	ppbv	99
58) Ethyl Benzene	12.92	91	5465472	8.888	ppbv	100
59) m/p-Xylene	13.21	91	3878360	7.075	ppbv #	8
60) o-Xylene	13.91	91	4395607	8.163	ppbv	99
61) Styrene	13.74	104	3348119	9.604	ppbv	100
62) Isopropylbenzene	14.88	105	6106086	8.066	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.89	83	3375738	7.011	ppbv	99
64) n-propylbenzene	15.78	120	1632685	8.250	ppbv	99
65) tert-Butylbenzene	16.96	119	5164334	7.917	ppbv	100
66) Benzyl Chloride	17.21	91	3292804	9.061	ppbv	100
67) sec-Butylbenzene	17.51	105	7787418	7.938	ppbv	100
69) p-Isopropyltoluene	17.87	119	6227790	8.191	ppbv	100
70) n-Butylbenzene	18.77	91	6936028	8.048	ppbv	100
71) 2-Chlorotoluene	15.67	91	4918303	8.504	ppbv	99
72) 4-Ethyltoluene	16.06	105	5166649	8.788	ppbv	100
73) 1,3,5-Trimethylbenzene	16.22	105	4902936	8.324	ppbv	98
74) 1,2,4-Trimethylbenzene	16.99	105	4867683	7.559	ppbv	93
75) 1,3-Dichlorobenzene	17.22	146	2774769	7.262	ppbv	100
76) 1,4-Dichlorobenzene	17.37	146	2815588	7.942	ppbv	100
77) 1,2-Dichlorobenzene	18.05	146	2779933	7.541	ppbv	100
78) Hexachloro-1,3-Butadiene	23.59	225	949579	6.894	ppbv #	28
79) Naphthalene	22.48	128	4769679	9.109	ppbv	99
80) Naphthalene,2-methyl-	25.15	142	1879070	13.486	ppbv	100
81) 1,2,4-Trichlorobenzene	22.20	180	2252531	8.541	ppbv	100

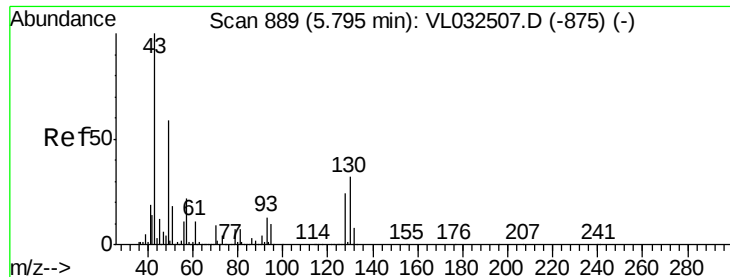
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : C:\USERS\EUSER\DESKTOP\VL083118\
Data File : VL032438.D
Acq On    : 31 Aug 2018    5:44
Operator  : SY/AP
Sample    : VSTDICV010
Misc      : 400ml/MSVOA_L
ALS Vial  : 1    Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
DFTPP

Quant Time: Dec 03 03:10:24 2018
Quant Method : C:\USERS\EUSER\DESKTOP\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Sep 21 02:39:49 2018
QLast Update : Fri Sep 21 02:39:49 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.81 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampled :

DFTPP

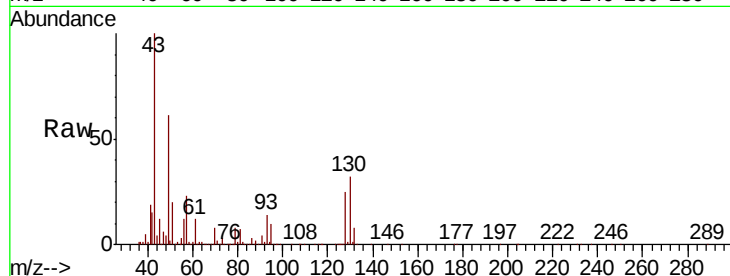
Tgt Ion: 49 Resp: 2050682

Ion Ratio Lower Upper

49 100

128 41.2 20.7 62.1

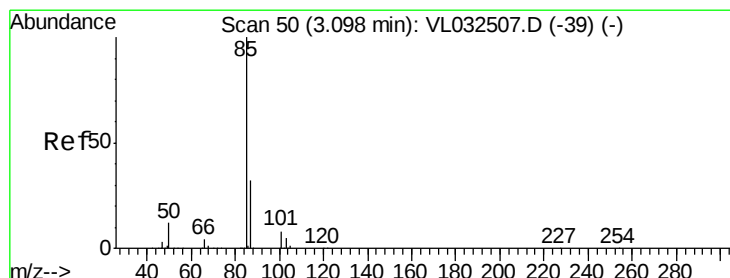
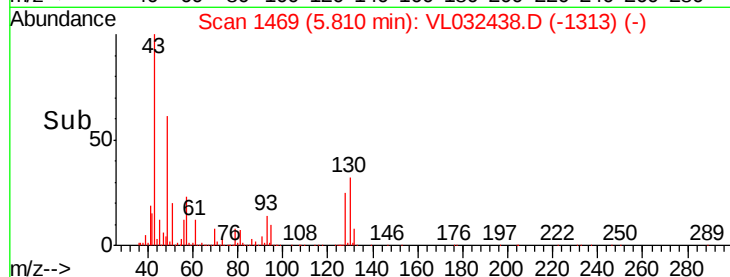
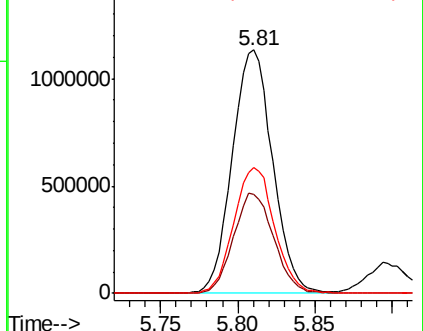
130 52.6 26.6 79.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 7.595 ppbv

RT: 3.11 min Scan# 628

Delta R.T. -0.00 min

Lab File: VL032438.D

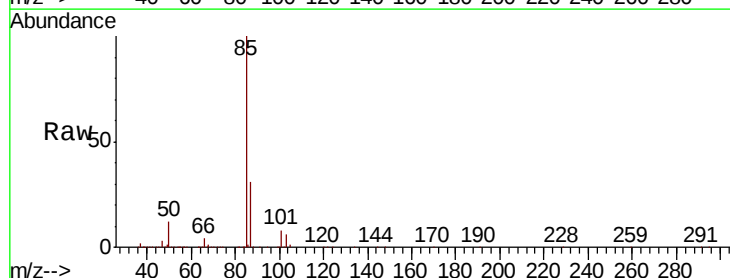
Acq: 31 Aug 2018 5:44

Tgt Ion: 85 Resp: 1992405

Ion Ratio Lower Upper

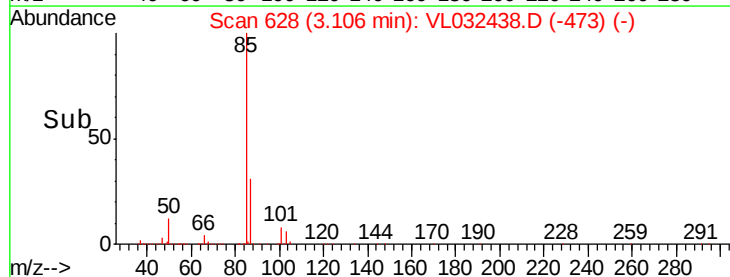
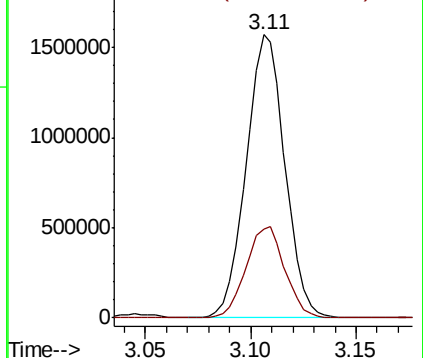
85 100

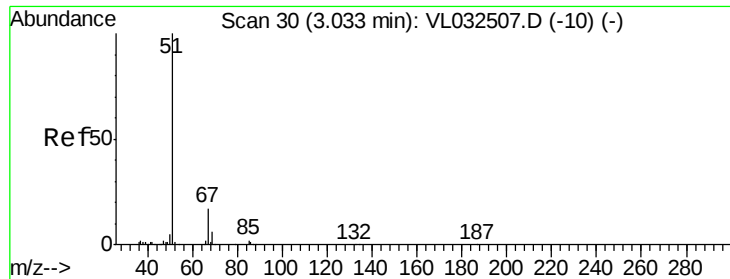
87 31.3 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

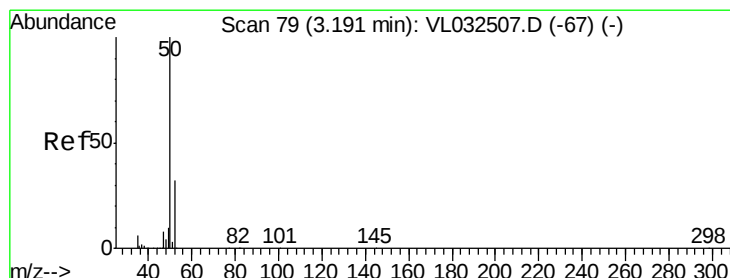
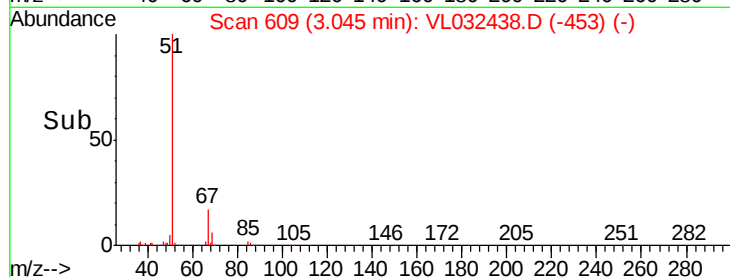
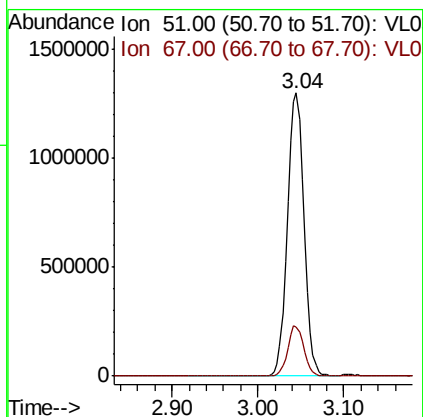
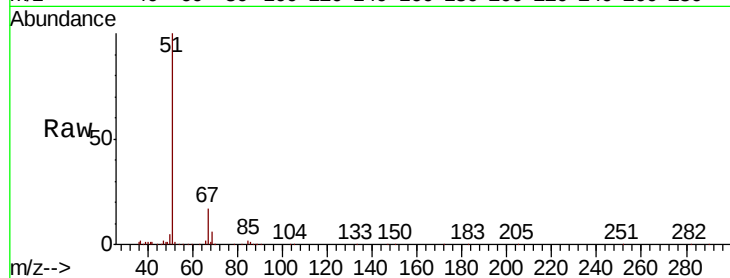




#3
 Chlorodifluoromethane
 Concen: 9.311 ppbv
 RT: 3.04 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

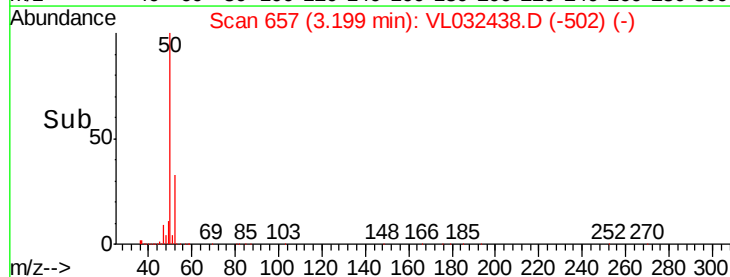
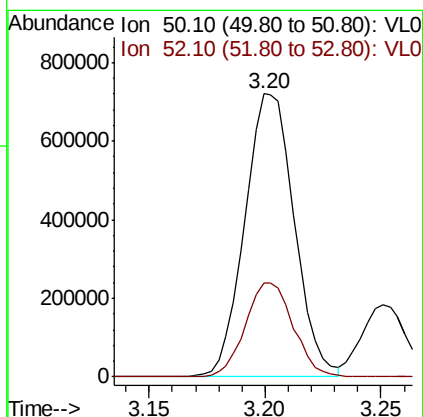
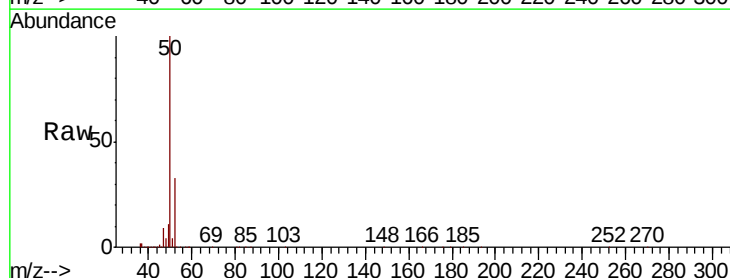
Instrument :
 MSVOA_V
 ClientSampleId :
 DFTPP

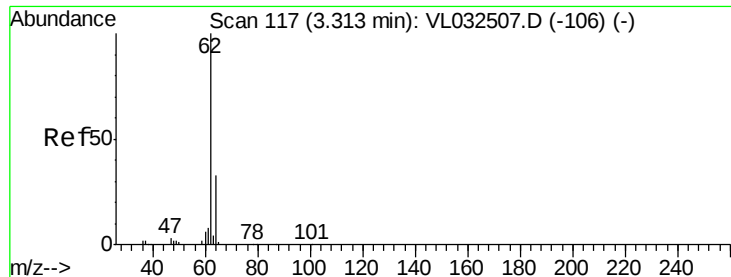
Tgt Ion: 51 Resp: 1728398
 Ion Ratio Lower Upper
 51 100
 67 17.5 13.8 20.8



#4
 Chloromethane
 Concen: 9.499 ppbv
 RT: 3.20 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 50 Resp: 1067663
 Ion Ratio Lower Upper
 50 100
 52 33.2 25.6 38.4





#5

Vinyl Chloride

Concen: 9.079 ppbv

RT: 3.32 min Scan# 696

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

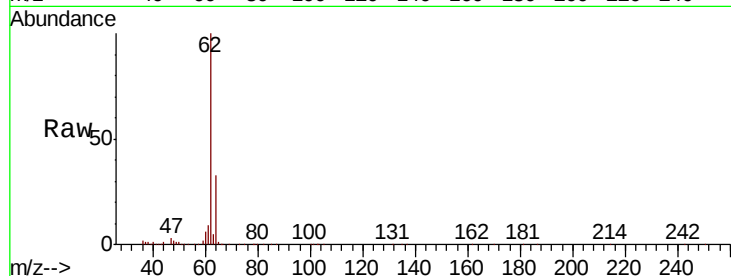
DFTPP

Tgt Ion: 62 Resp: 1007262

Ion Ratio Lower Upper

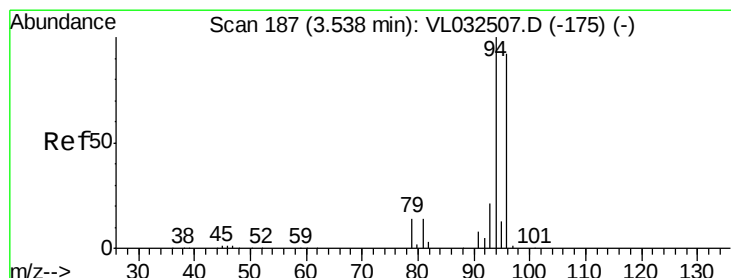
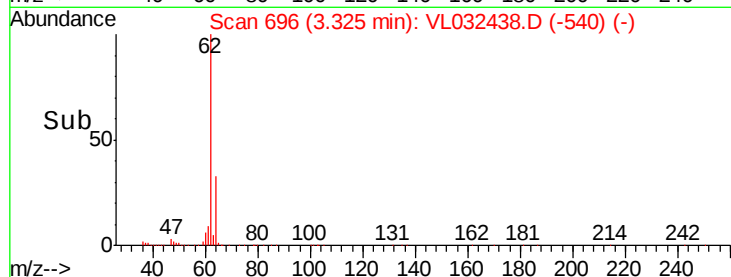
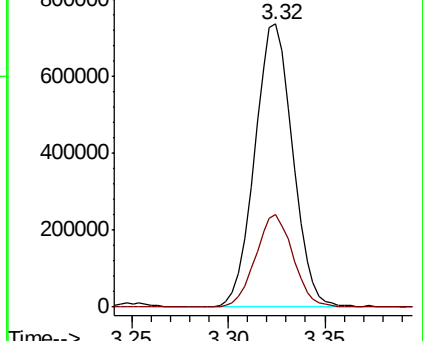
62 100

64 32.5 25.0 37.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.866 ppbv

RT: 3.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VL032438.D

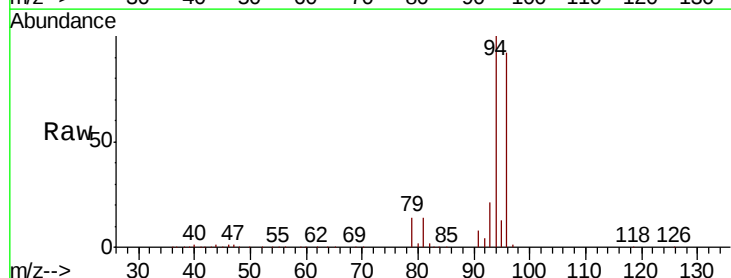
Acq: 31 Aug 2018 5:44

Tgt Ion: 94 Resp: 574538

Ion Ratio Lower Upper

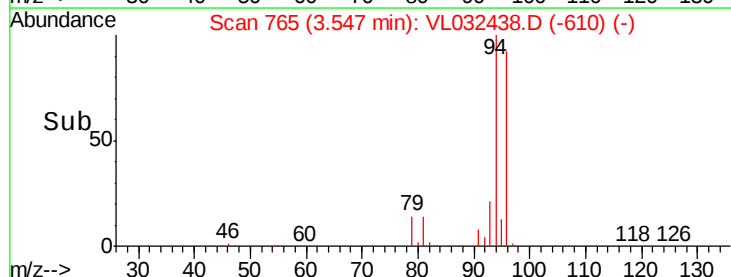
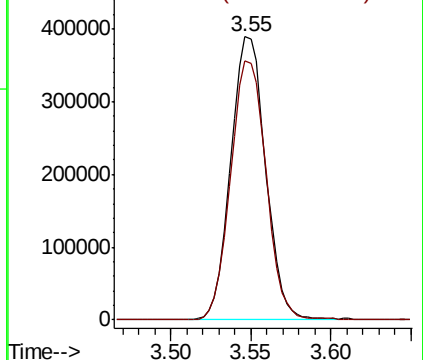
94 100

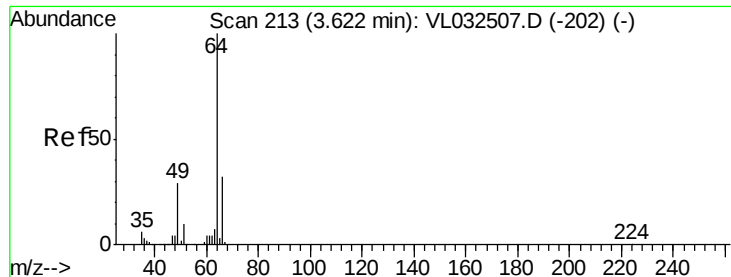
96 91.7 72.8 109.2



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.825 ppbv

RT: 3.63 min Scan# 792

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

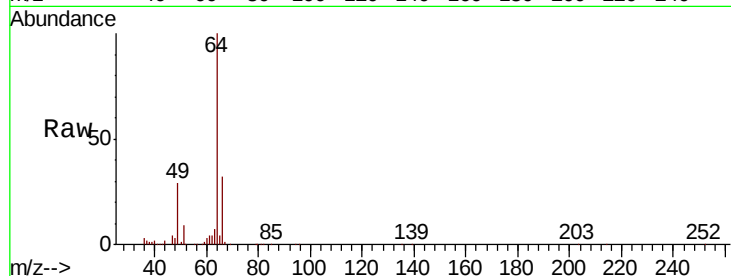
DFTPP

Tgt Ion: 64 Resp: 377263

Ion Ratio Lower Upper

64 100

66 32.1 25.8 38.6



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.63

250000

200000

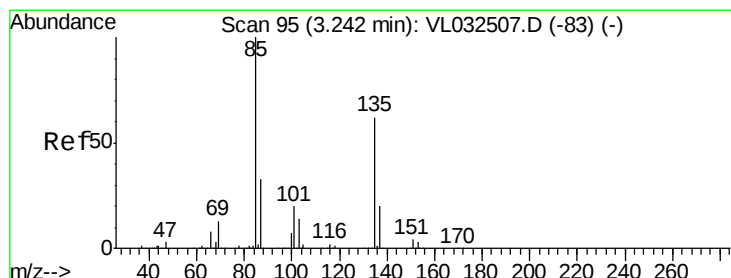
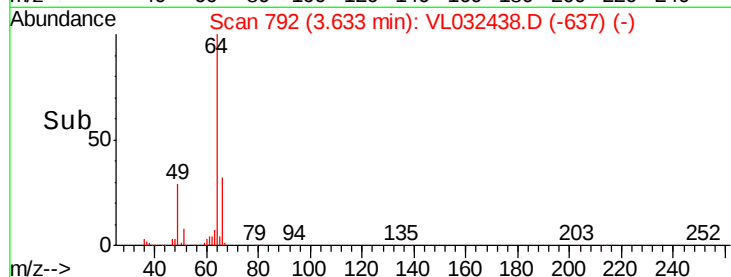
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.242 ppbv

RT: 3.25 min Scan# 673

Delta R.T. -0.00 min

Lab File: VL032438.D

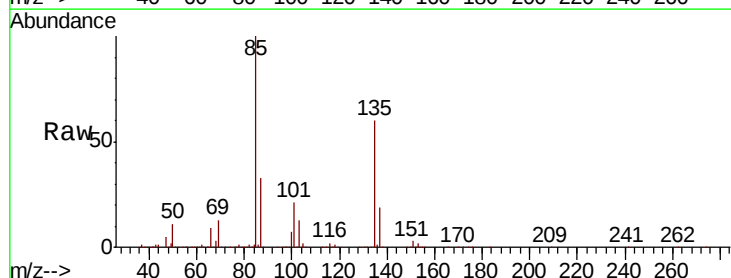
Acq: 31 Aug 2018 5:44

Tgt Ion: 85 Resp: 2151724

Ion Ratio Lower Upper

85 100

135 60.7 48.6 72.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.25

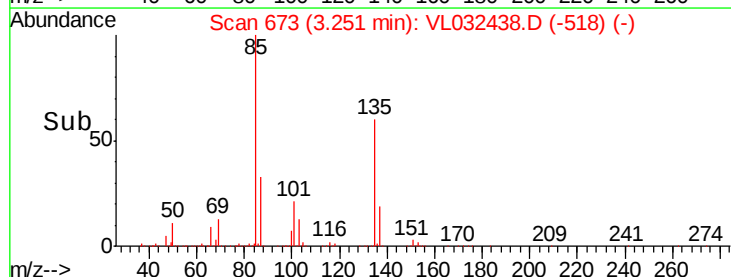
1500000

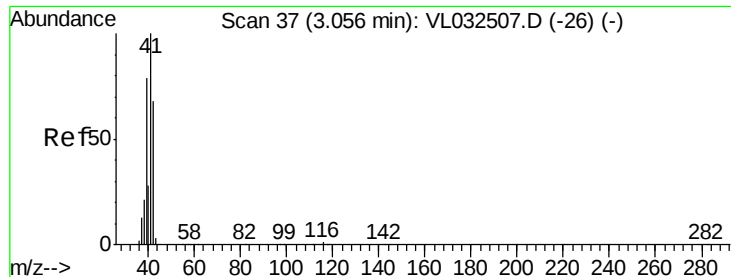
1000000

500000

0

Time-->





#9

Propene

Concen: 10.620 ppbv

RT: 3.07 min Scan# 616

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

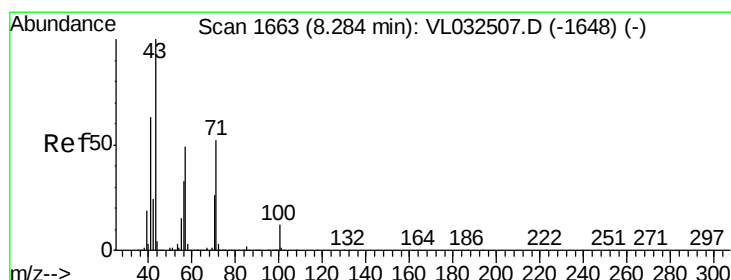
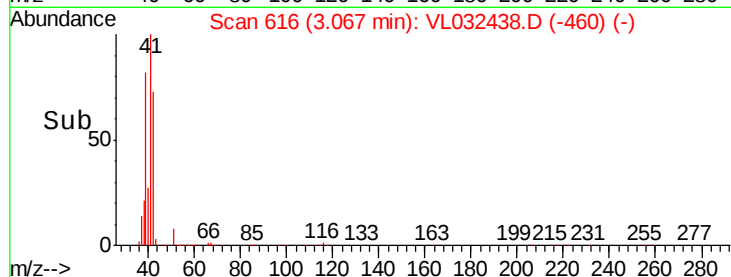
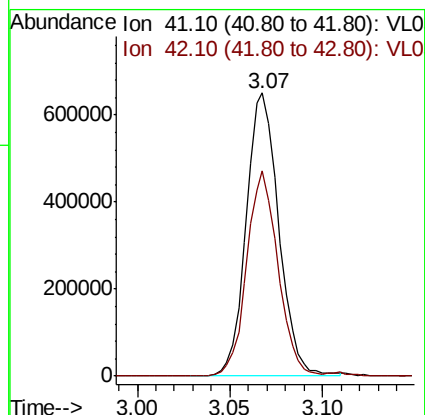
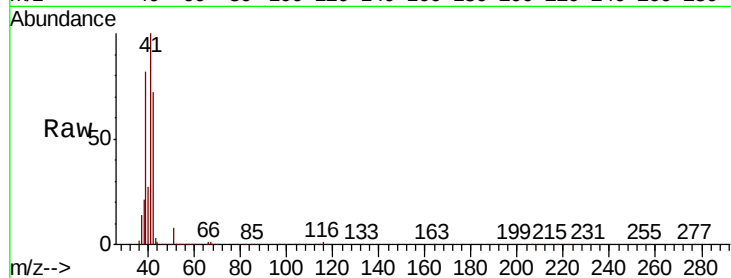
DFTPP

Tgt Ion: 41 Resp: 795203

Ion Ratio Lower Upper

41 100

42 70.9 56.6 84.8



#10

Heptane

Concen: 10.508 ppbv

RT: 8.30 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VL032438.D

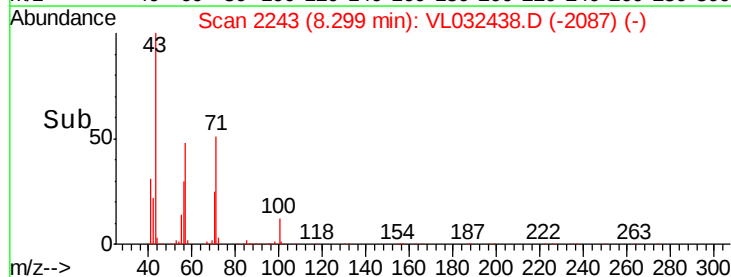
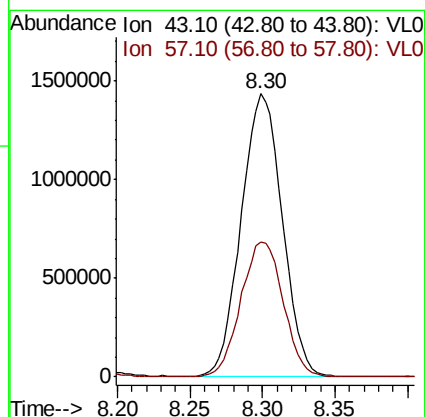
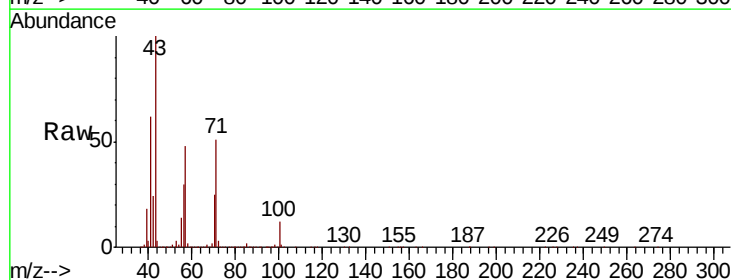
Acq: 31 Aug 2018 5:44

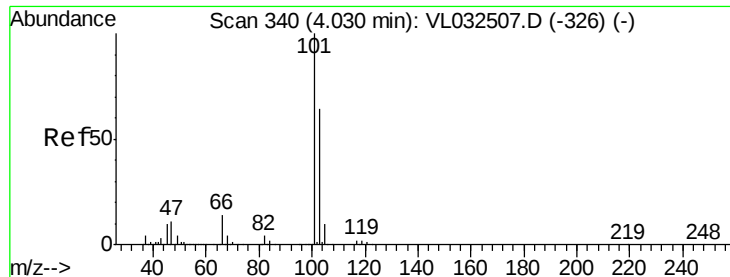
Tgt Ion: 43 Resp: 2822782

Ion Ratio Lower Upper

43 100

57 49.3 39.6 59.4





#11

Trichlorofluoromethane

Concen: 9.362 ppbv

RT: 4.04 min Scan# 919

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

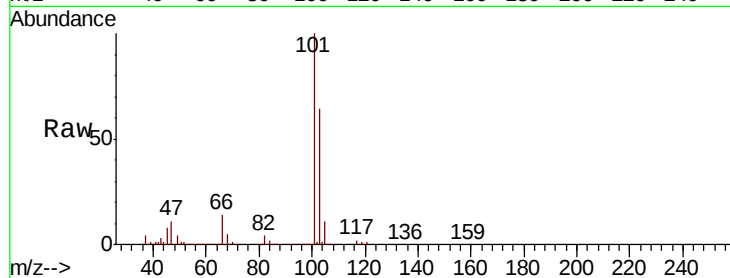
DFTPP

Tgt Ion:101 Resp: 2214384

Ion Ratio Lower Upper

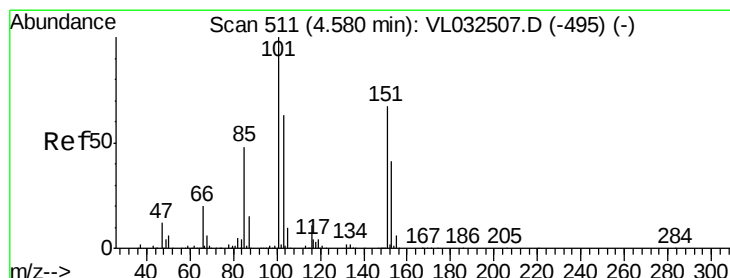
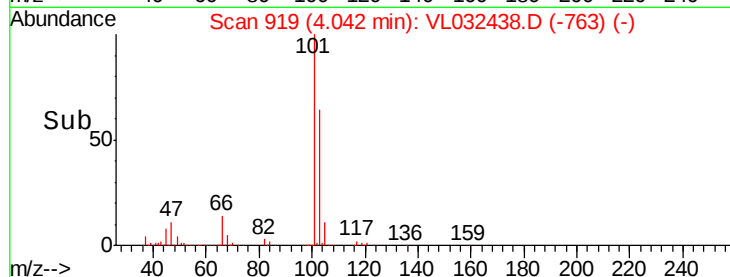
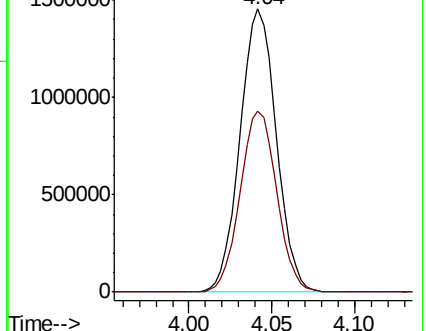
101 100

103 64.1 52.8 79.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.244 ppbv

RT: 4.59 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VL032438.D

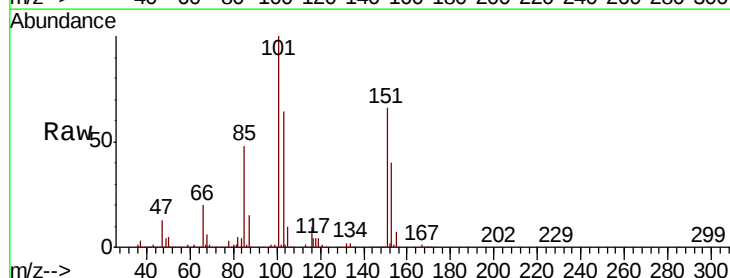
Acq: 31 Aug 2018 5:44

Tgt Ion:101 Resp: 1481576

Ion Ratio Lower Upper

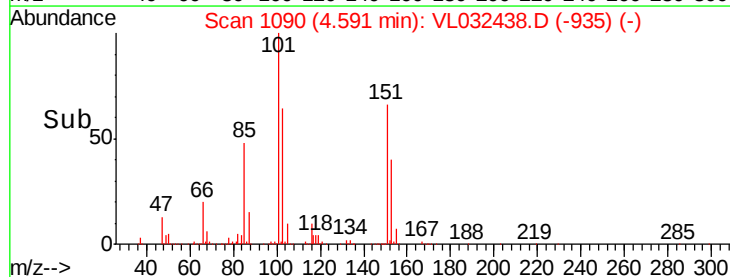
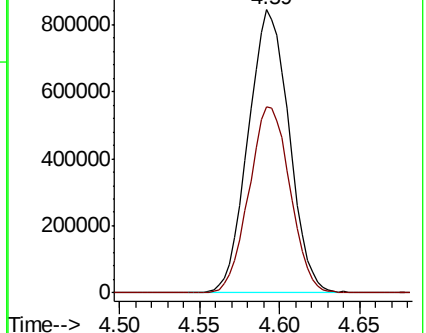
101 100

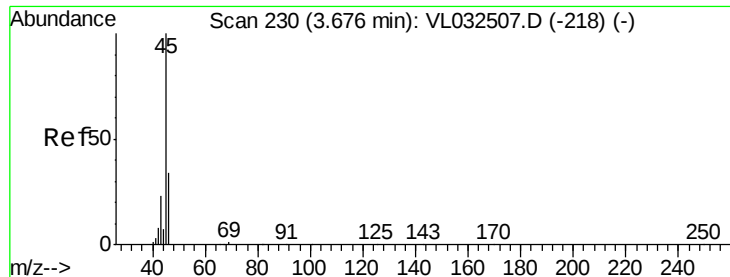
151 66.4 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 8.384 ppbv

RT: 3.68 min Scan# 808

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

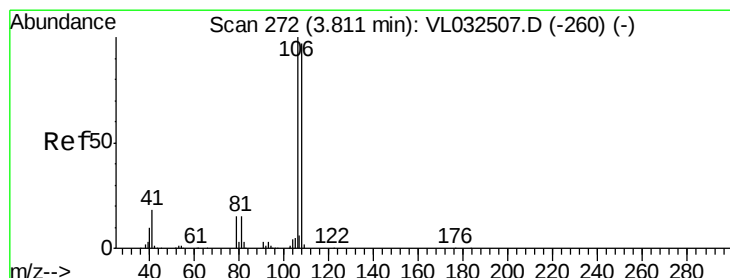
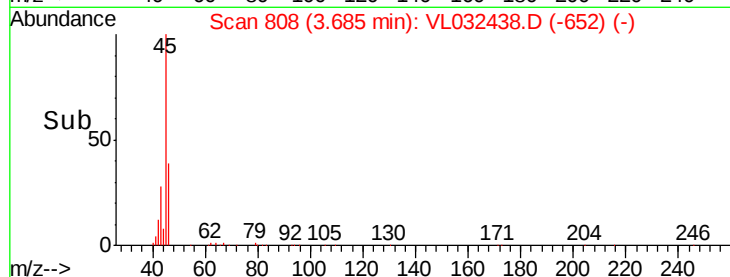
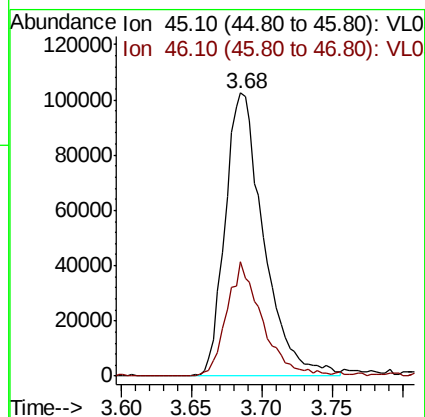
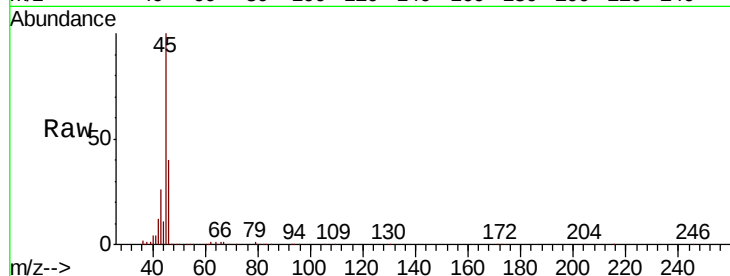
DFTPP

Tgt Ion: 45 Resp: 195696

Ion Ratio Lower Upper

45 100

46 38.2 14.2 56.8



#14

Bromoethene

Concen: 10.091 ppbv

RT: 3.82 min Scan# 851

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

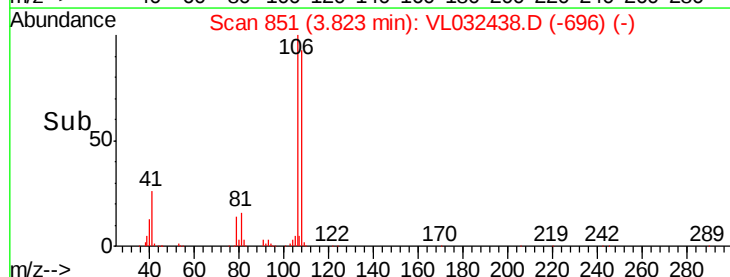
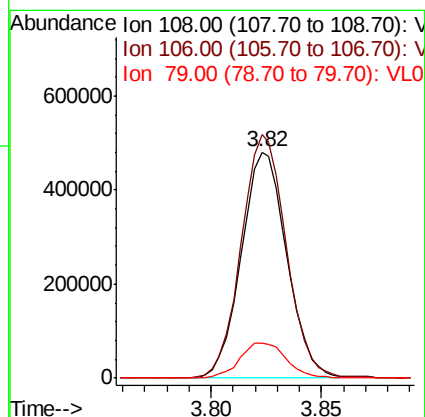
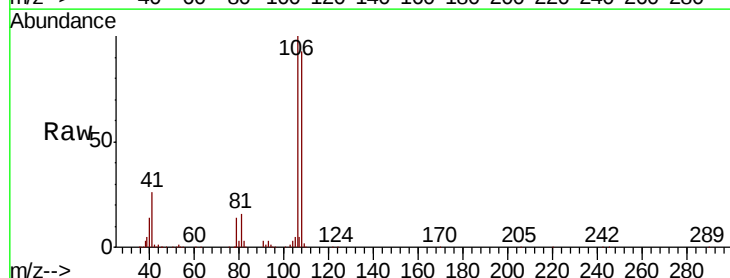
Tgt Ion: 108 Resp: 685230

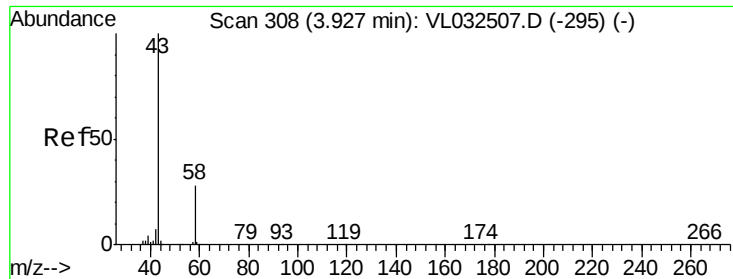
Ion Ratio Lower Upper

108 100

106 108.1 85.5 128.3

79 16.4 13.0 19.6

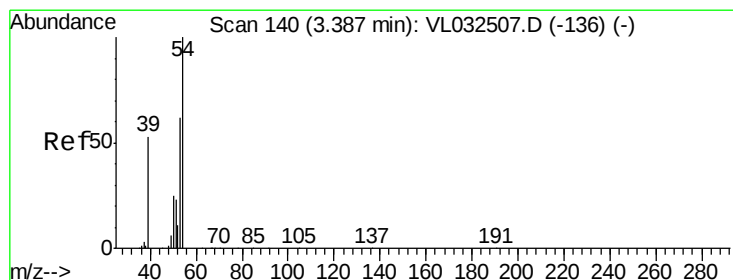
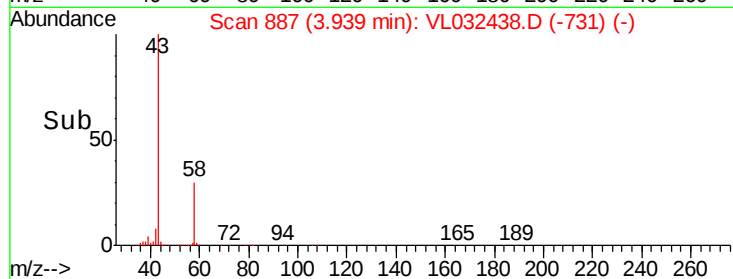
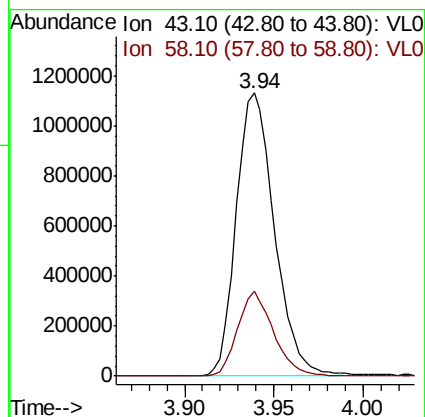
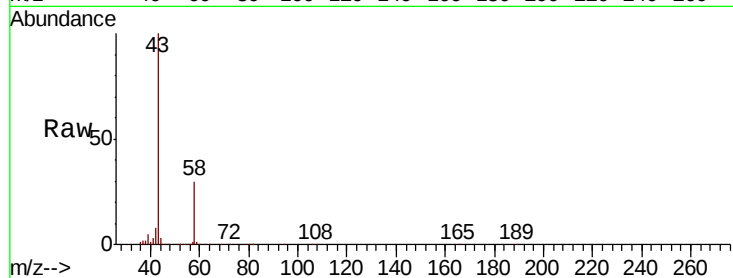




#15
Acetone
Concen: 9.136 ppbv
RT: 3.94 min Scan# 887
Delta R.T. 0.00 min
Lab File: VL032438.D
Acq: 31 Aug 2018 5:44

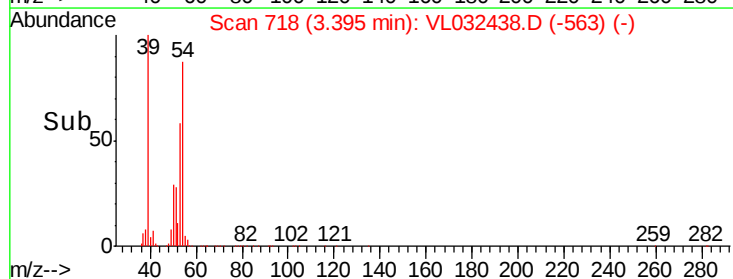
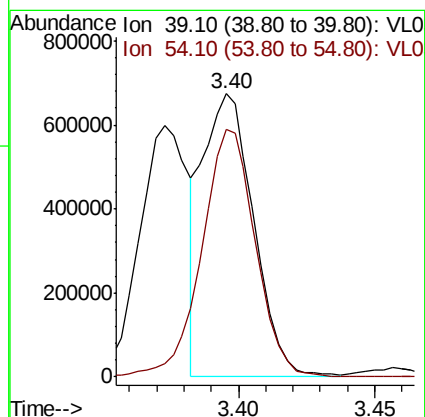
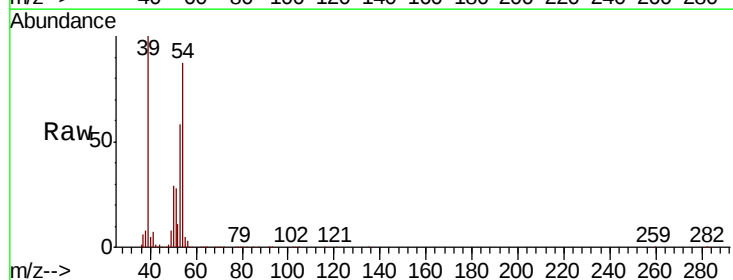
Instrument :
MSVOA_V
ClientSampleId :
DFTPP

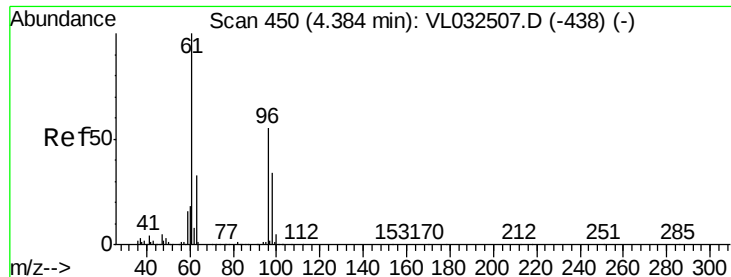
Tgt Ion: 43 Resp: 1687083
Ion Ratio Lower Upper
43 100
58 28.3 22.6 33.8



#16
1,3-Butadiene
Concen: 9.985 ppbv
RT: 3.40 min Scan# 718
Delta R.T. -0.00 min
Lab File: VL032438.D
Acq: 31 Aug 2018 5:44

Tgt Ion: 39 Resp: 867672
Ion Ratio Lower Upper
39 100
54 93.5 80.8 121.2





#17

tert-Butyl alcohol

Concen: 8.845 ppbv

RT: 4.40 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampled :

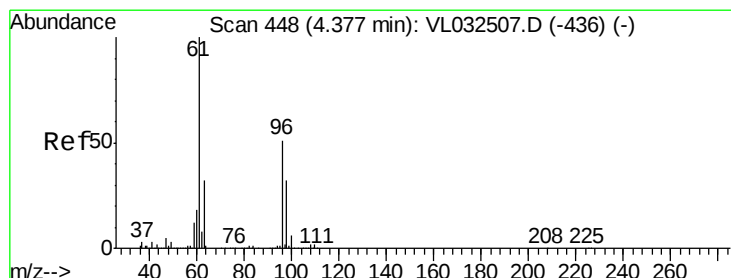
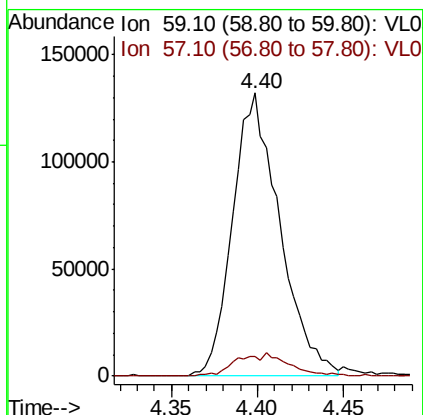
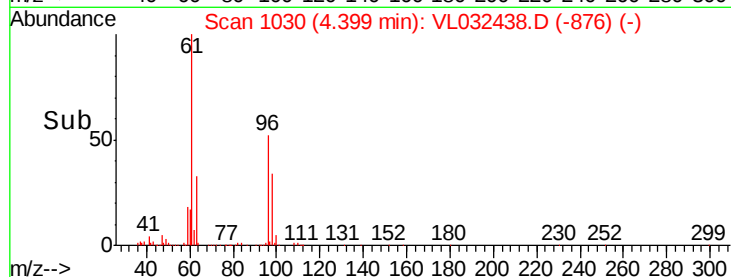
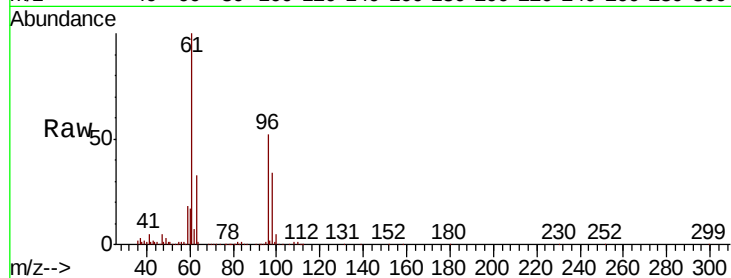
DFTPP

Tgt Ion: 59 Resp: 251366

Ion Ratio Lower Upper

59 100

57 9.3 0.0 0.0#



#18

1,1-Dichloroethene

Concen: 9.807 ppbv

RT: 4.39 min Scan# 1028

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

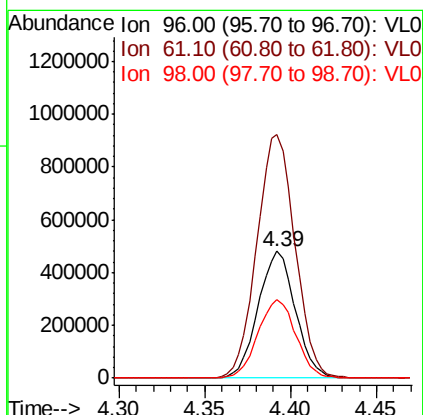
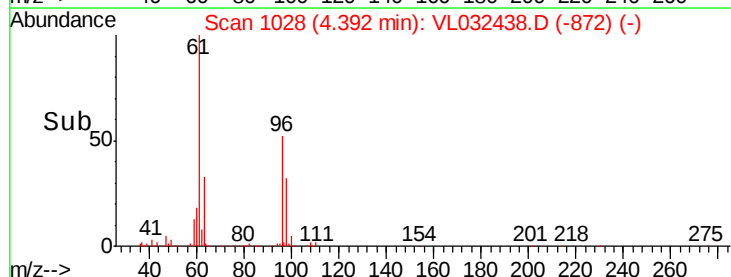
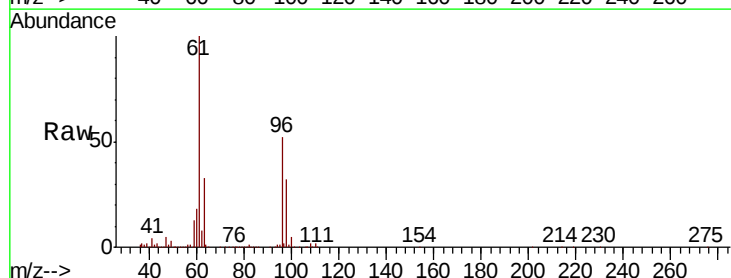
Tgt Ion: 96 Resp: 718349

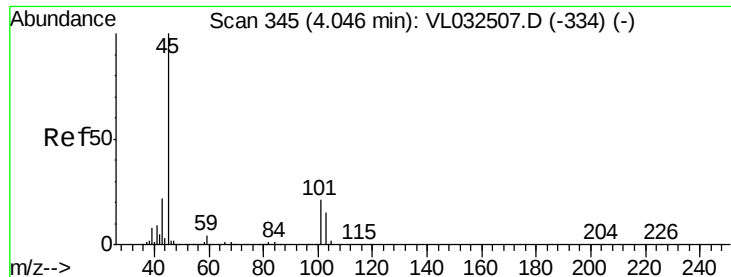
Ion Ratio Lower Upper

96 100

61 192.0 159.2 238.8

98 61.9 51.0 76.4



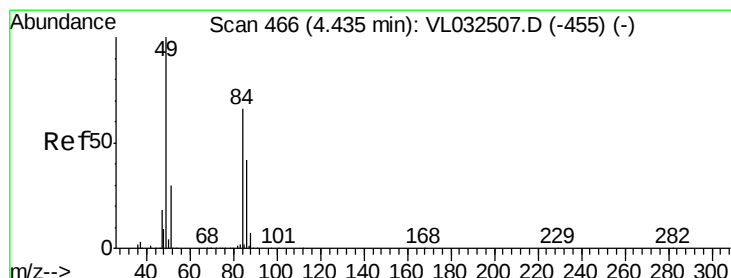
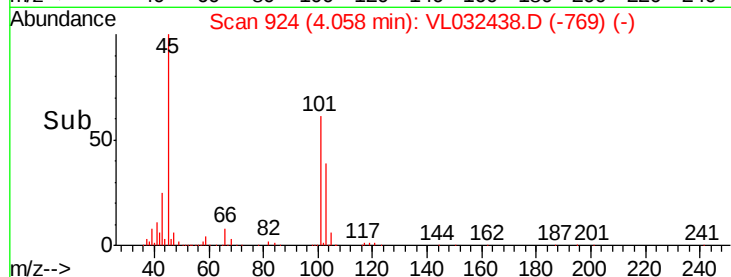
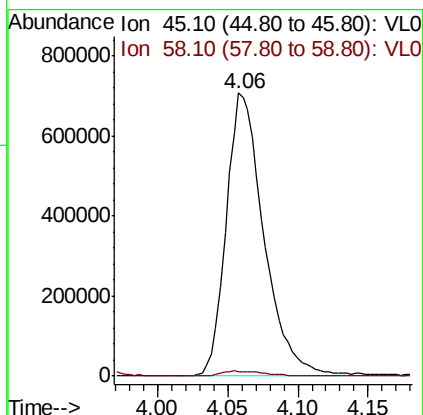
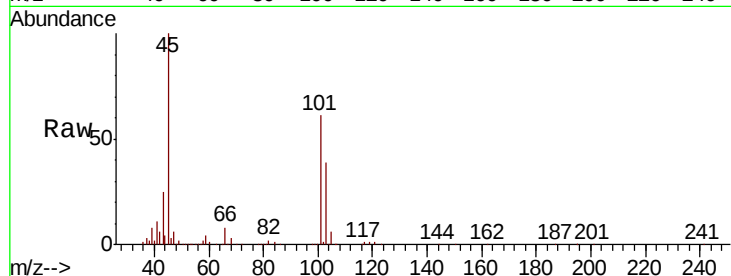


#19

Isopropyl Alcohol
 Concen: 10.844 ppbv
 RT: 4.06 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Instrument :
 MSVOA_V
 ClientSampleId :
 DFTPP

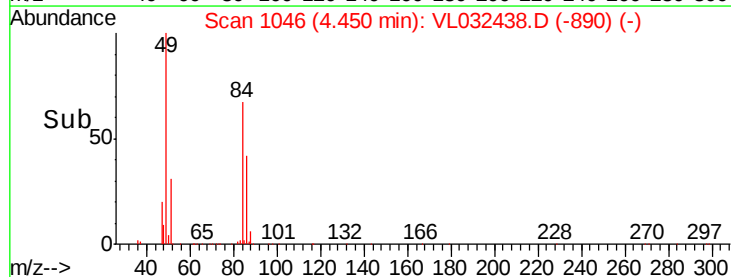
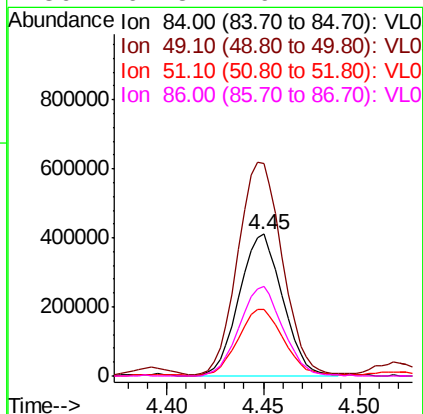
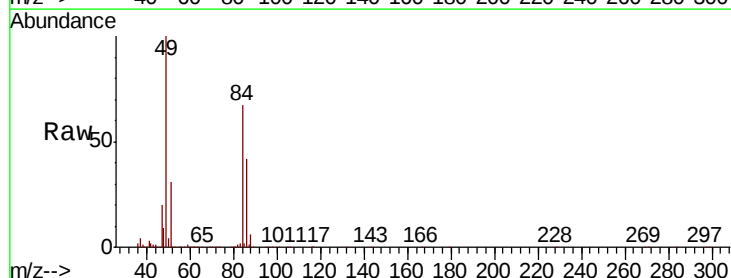
Tgt Ion: 45 Resp: 1313653
 Ion Ratio Lower Upper
 45 100
 58 2.6 2.0 3.0

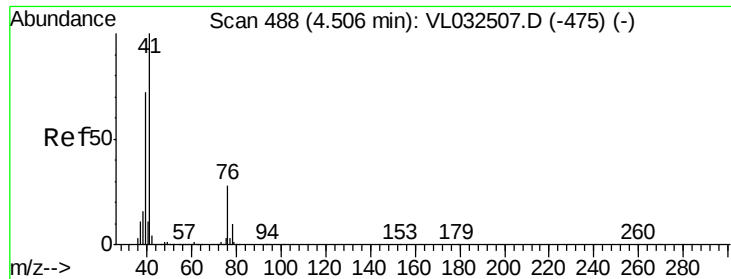


#20

Methylene Chloride
 Concen: 9.078 ppbv
 RT: 4.45 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 84 Resp: 639245
 Ion Ratio Lower Upper
 84 100
 49 149.3 119.1 178.7
 51 46.5 35.2 52.8
 86 62.8 49.4 74.2

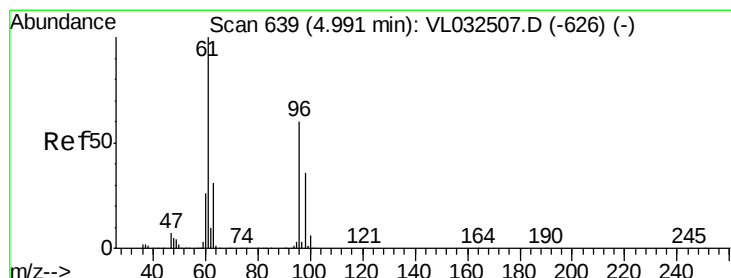
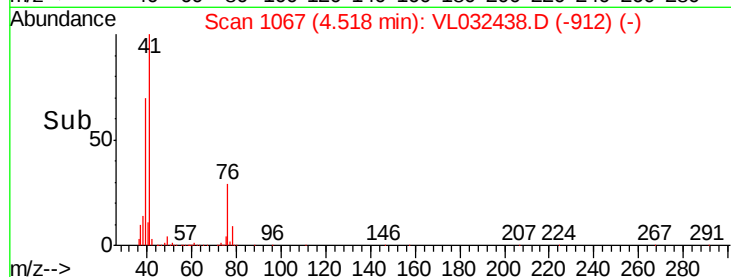
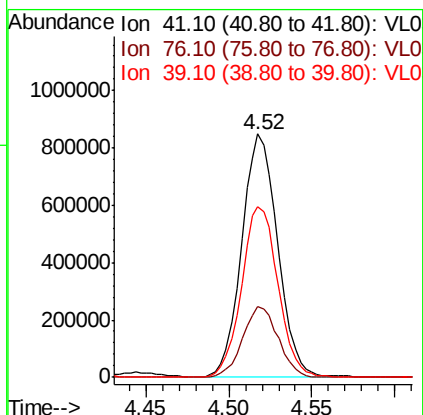
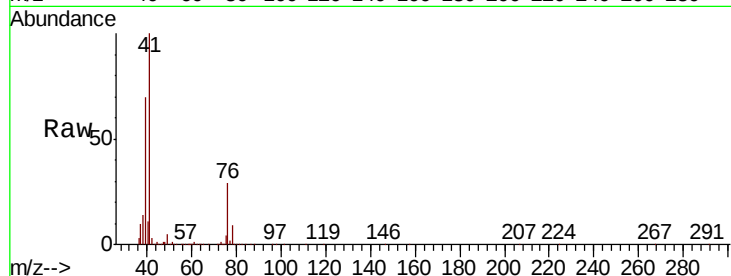




#21
 Allyl Chloride
 Concen: 10.331 ppbv
 RT: 4.52 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

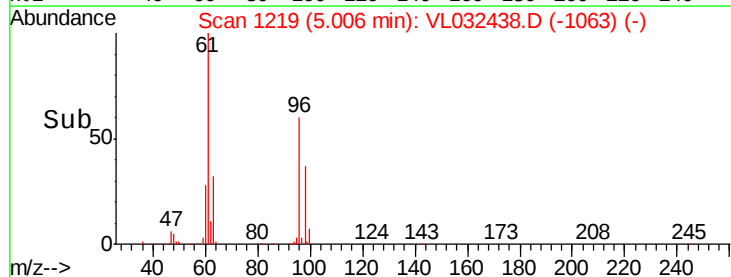
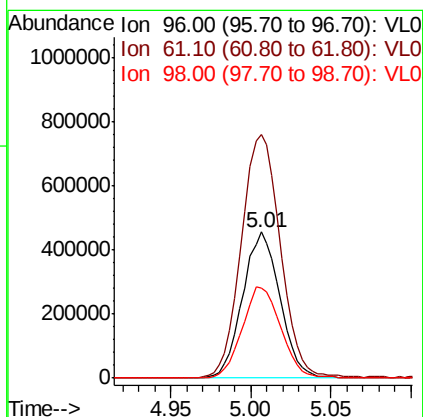
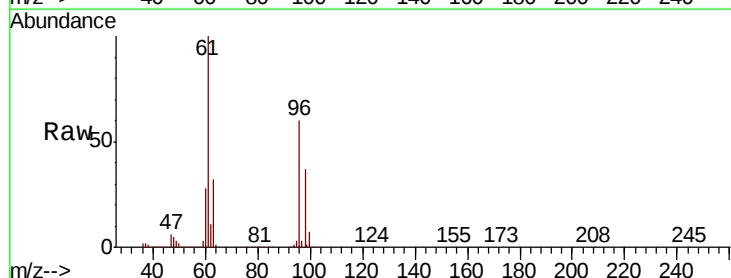
Instrument :
 MSVOA_V
 ClientSampled :
 DFTPP

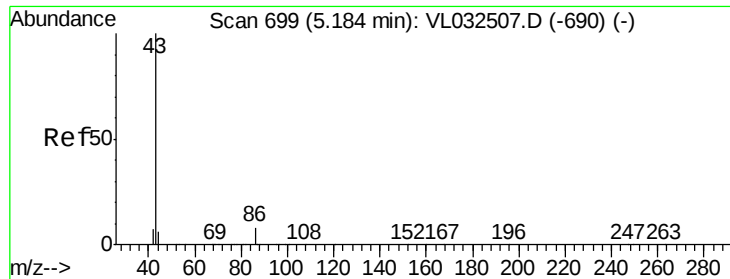
Tgt Ion: 41 Resp: 1267173
 Ion Ratio Lower Upper
 41 100
 76 29.1 23.6 35.4
 39 71.8 57.7 86.5



#22
 trans-1,2-Dichloroethene
 Concen: 9.124 ppbv
 RT: 5.01 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 96 Resp: 725198
 Ion Ratio Lower Upper
 96 100
 61 166.8 136.2 204.4
 98 61.4 50.4 75.6





#23

Vinyl Acetate

Concen: 10.312 ppbv

RT: 5.20 min Scan# 1279

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

DFTPP

Tgt Ion: 43 Resp: 3156347

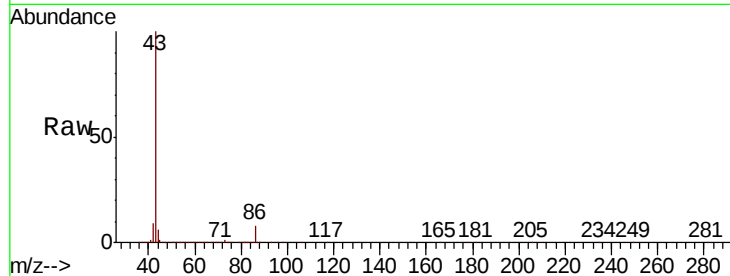
Ion Ratio Lower Upper

43 100

86 7.6 5.9 8.9

42 9.2 6.9 10.3

44 5.5 4.6 7.0

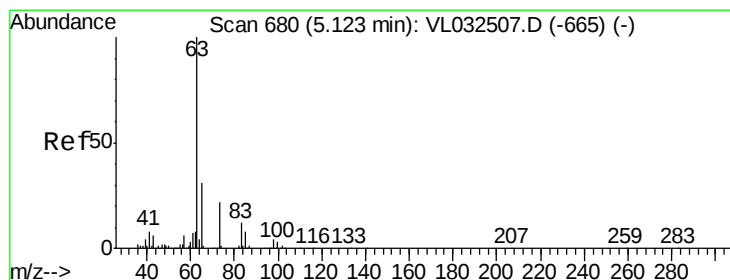
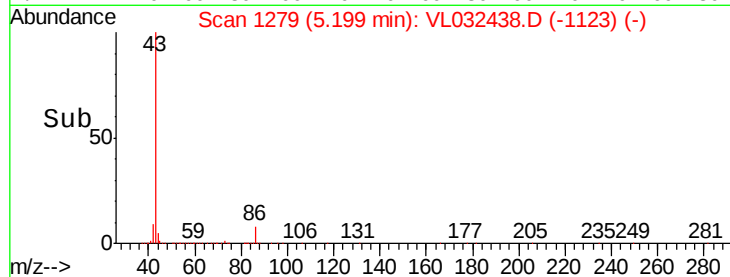
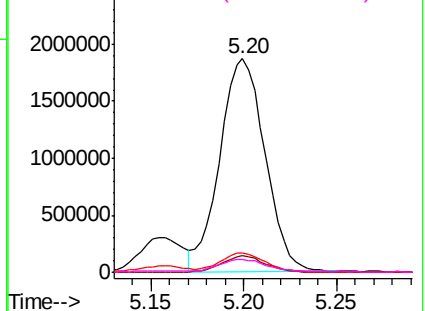


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 8.659 ppbv

RT: 5.13 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

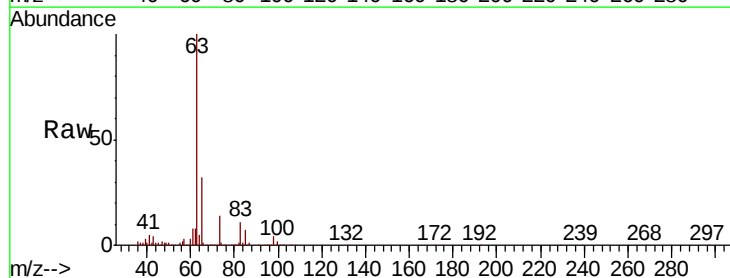
Tgt Ion: 63 Resp: 2183935

Ion Ratio Lower Upper

63 100

98 4.3 2.1 6.5

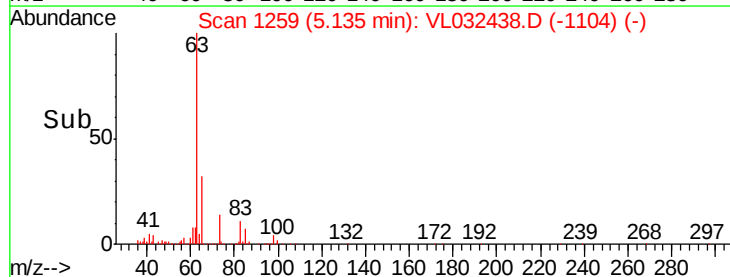
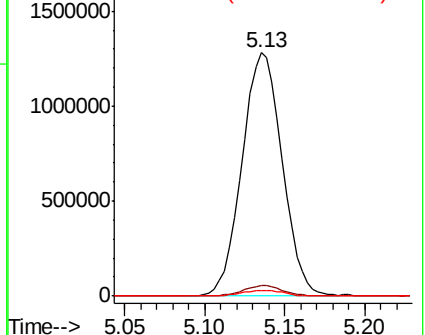
100 2.3 1.5 4.4

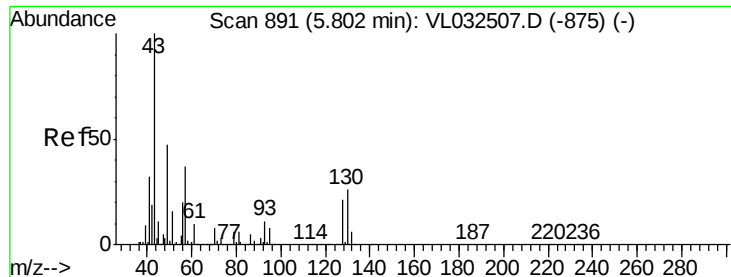


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 9.374 ppbv

RT: 5.81 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :
MSVOA_V
ClientSampleId :
DFTPP

Tgt Ion: 43 Resp: 4088041

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.0	12.0
61	9.6	7.6	11.4
70	7.3	5.8	8.8

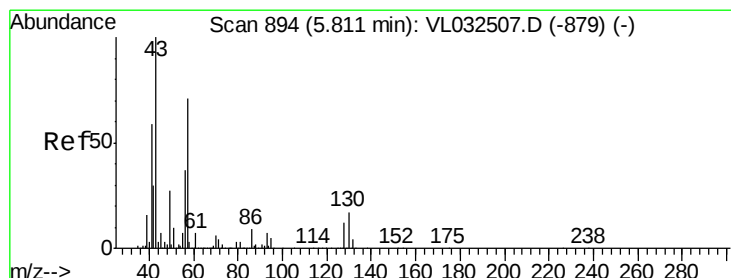
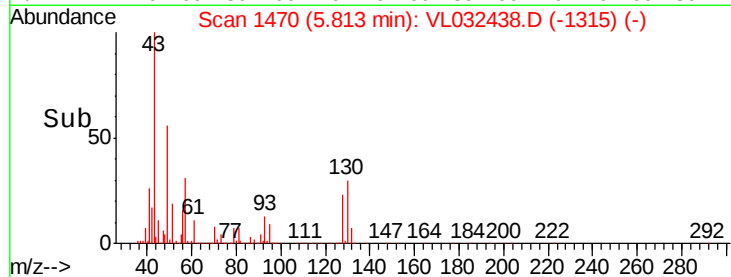
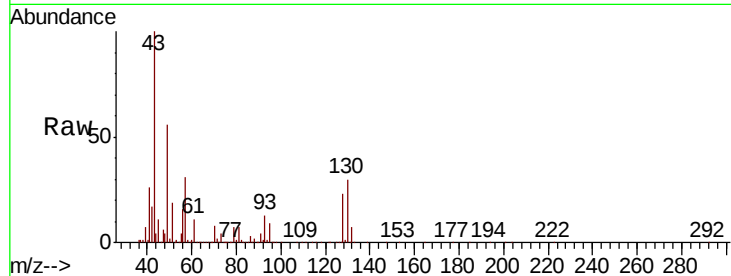
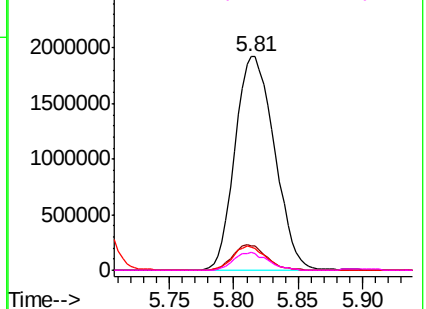
Abundance

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: 9.639 ppbv

RT: 5.83 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Tgt Ion: 57 Resp: 1882160

Ion	Ratio	Lower	Upper
57	100		
41	85.6	69.0	103.4
43	218.1	172.1	258.1
56	53.5	42.2	63.2

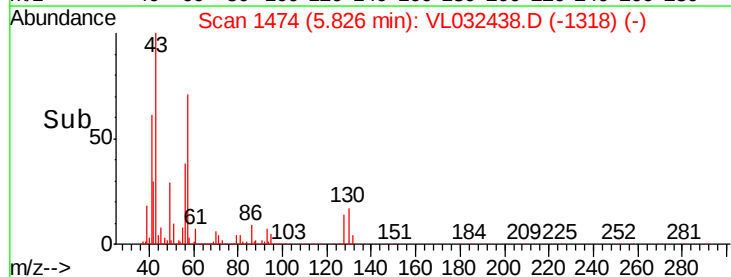
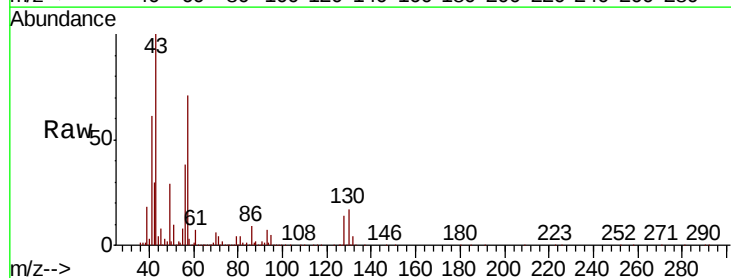
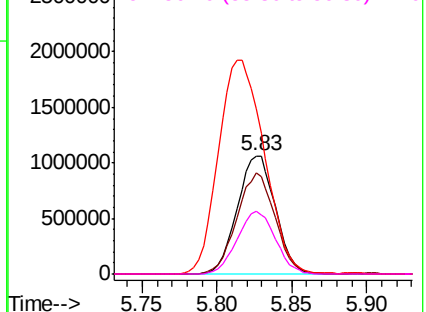
Abundance

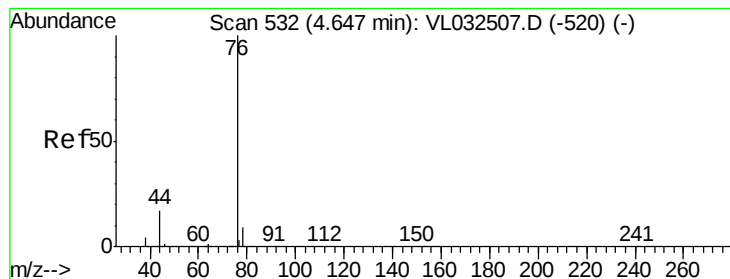
Ion 57.10 (56.80 to 57.80): VL0

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





#27

Carbon Disulfide

Concen: 10.317 ppbv

RT: 4.66 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

DFTPP

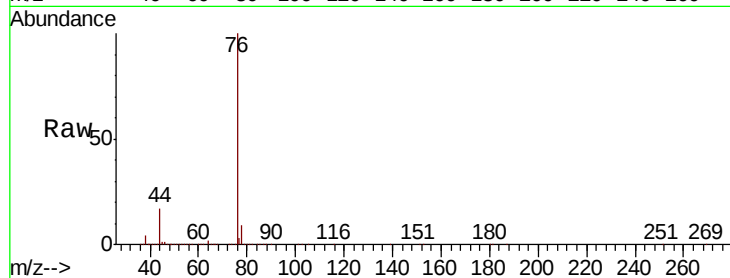
Tgt Ion: 76 Resp: 1859759

Ion Ratio Lower Upper

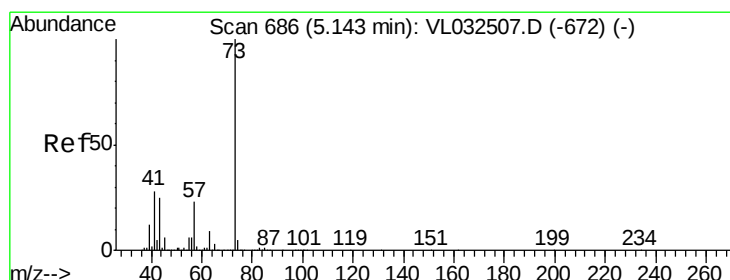
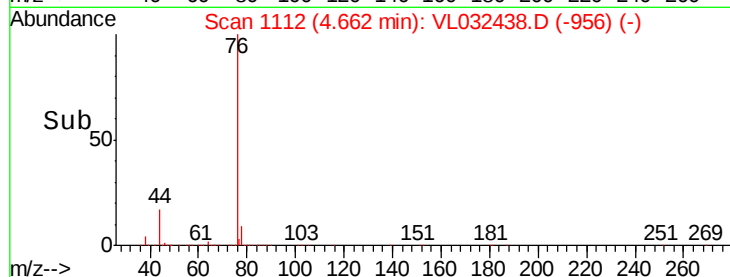
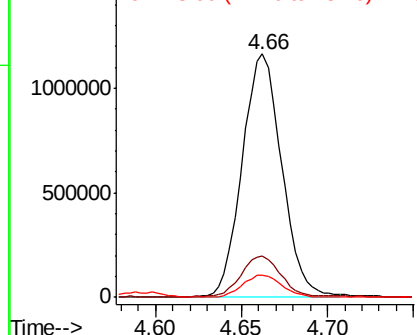
76 100

44 16.9 14.0 21.0

78 9.2 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.314 ppbv

RT: 5.16 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VL032438.D

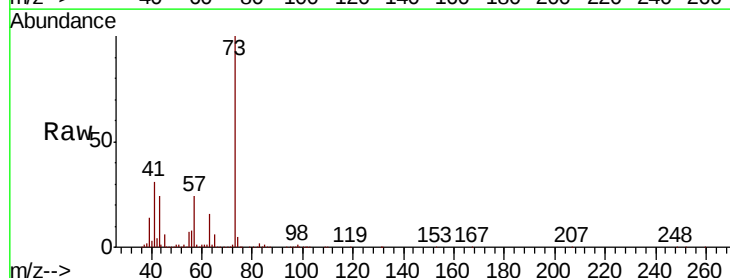
Acq: 31 Aug 2018 5:44

Tgt Ion: 73 Resp: 2233109

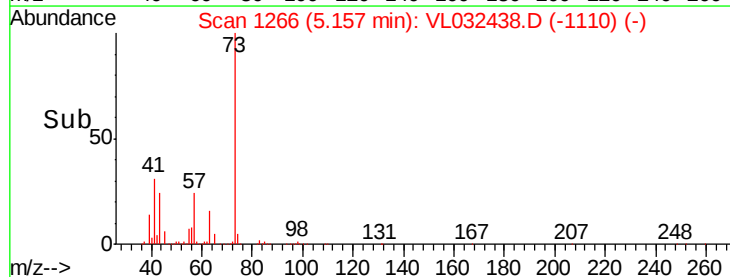
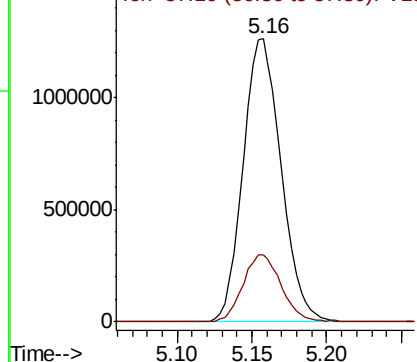
Ion Ratio Lower Upper

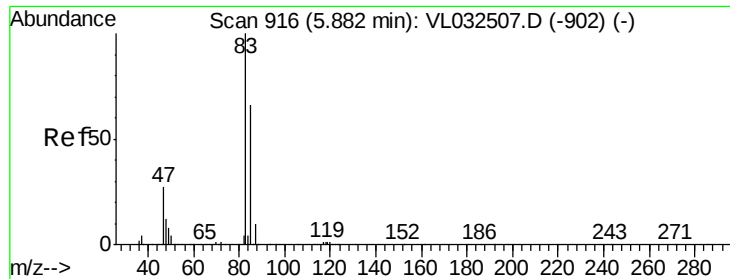
73 100

57 24.1 19.3 28.9



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.140 ppbv

RT: 5.90 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

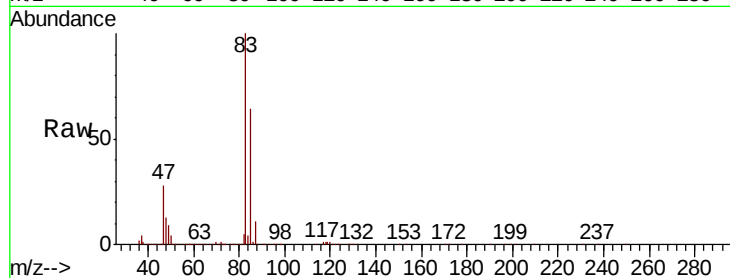
DFTPP

Tgt Ion: 83 Resp: 2721310

Ion Ratio Lower Upper

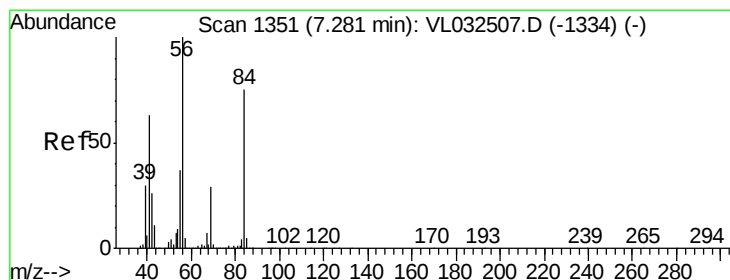
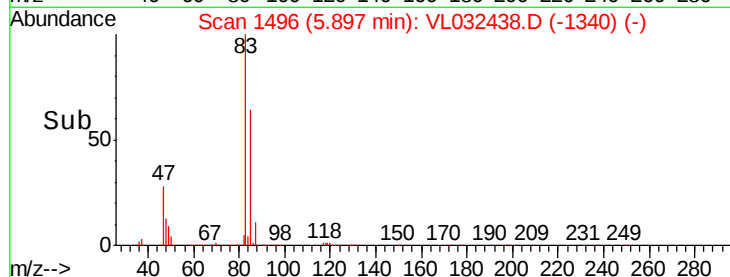
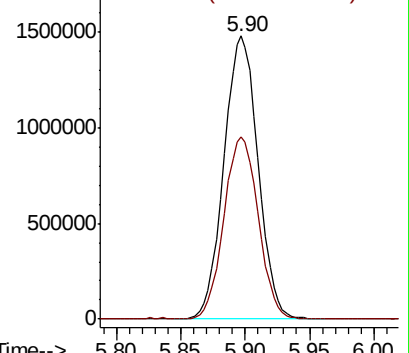
83 100

85 64.2 52.5 78.7



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 10.564 ppbv

RT: 7.30 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

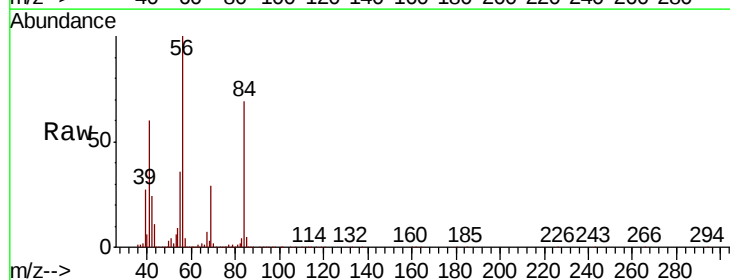
Tgt Ion: 84 Resp: 1510500

Ion Ratio Lower Upper

84 100

56 143.9 113.5 170.3

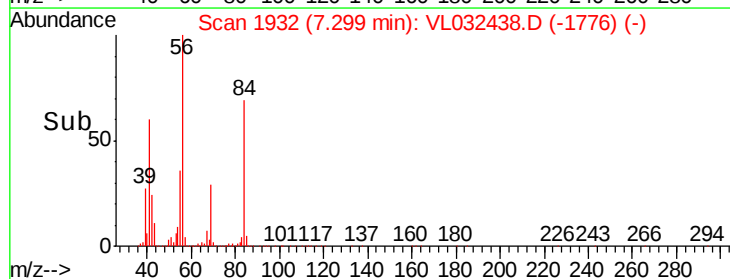
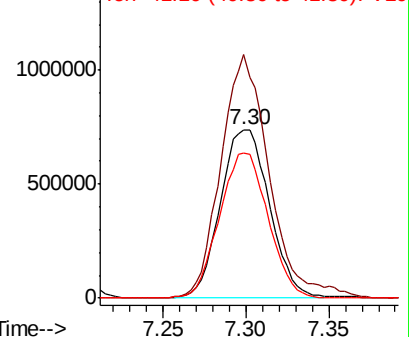
41 86.3 68.1 102.1

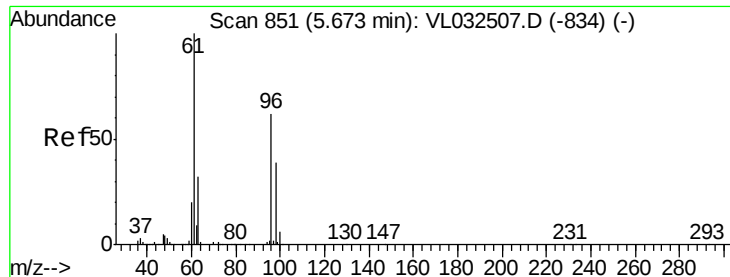


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#31

cis-1,2-Dichloroethene

Concen: 10.517 ppbv

RT: 5.69 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampled :

DFTPP

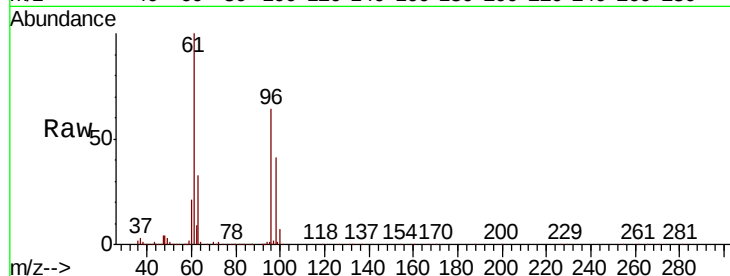
Tgt Ion: 61 Resp: 1859558

Ion Ratio Lower Upper

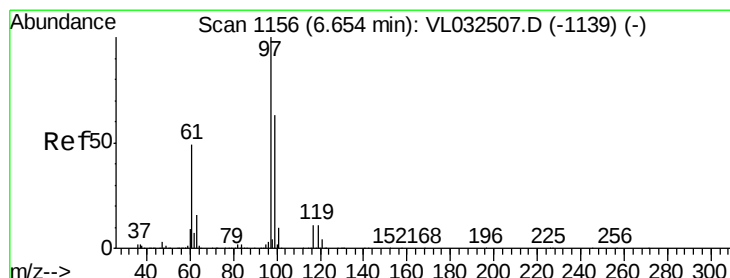
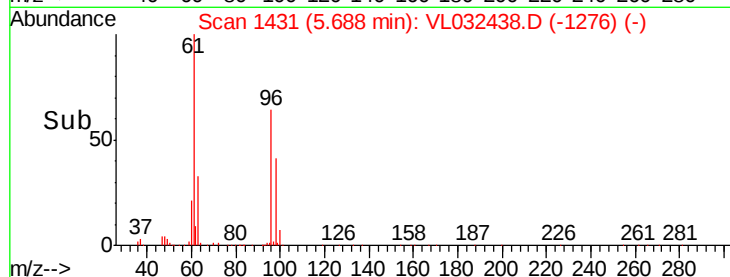
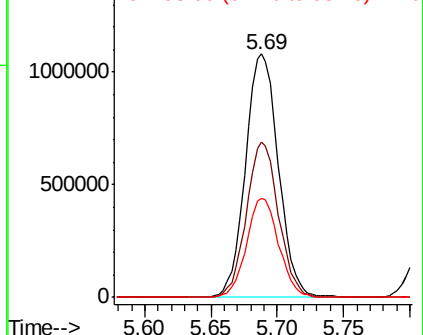
61 100

96 63.5 49.2 73.8

98 40.7 30.7 46.1



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 9.193 ppbv

RT: 6.67 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

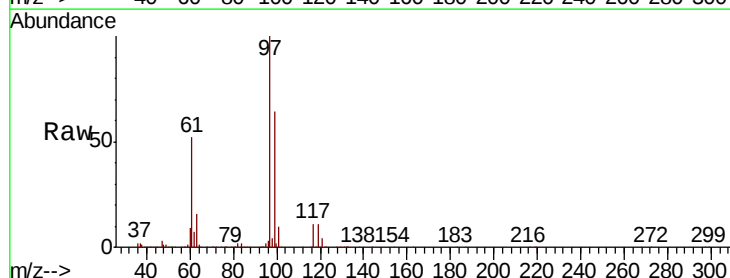
Tgt Ion: 97 Resp: 2551117

Ion Ratio Lower Upper

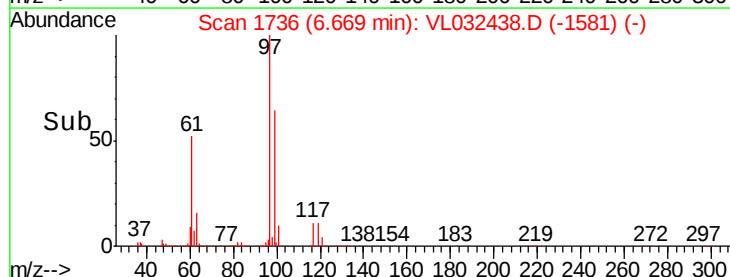
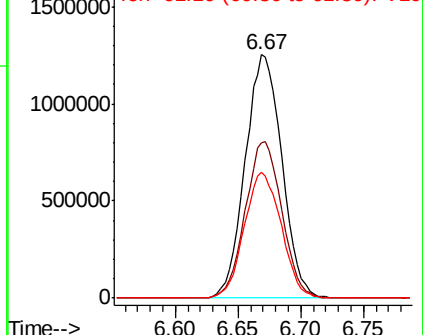
97 100

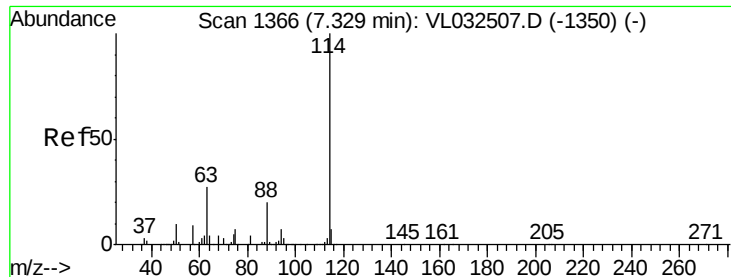
99 64.1 52.1 78.1

61 52.2 42.5 63.7



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

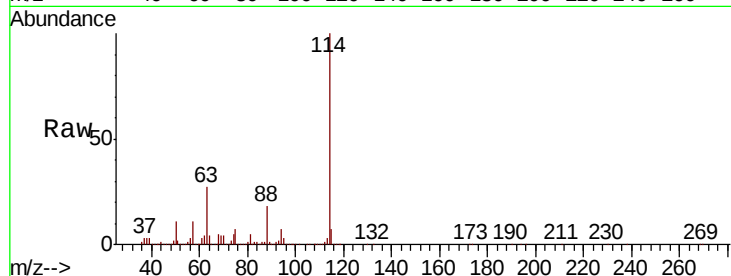




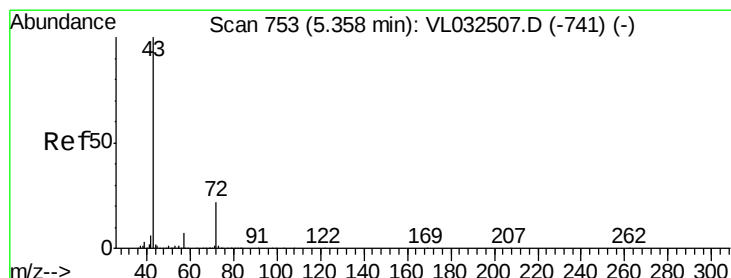
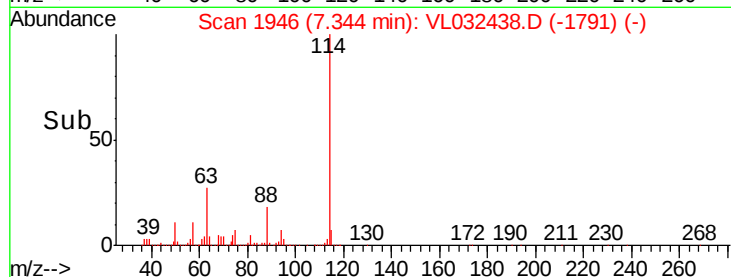
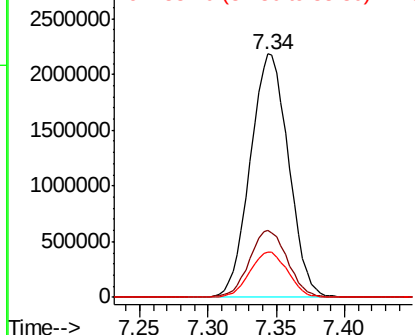
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.34 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Instrument :
 MSVOA_V
 ClientSampleID :
 DFTPP

Tgt Ion: 114 Resp: 4257346
 Ion Ratio Lower Upper
 114 100
 63 27.5 22.2 33.4
 88 18.5 15.0 22.4

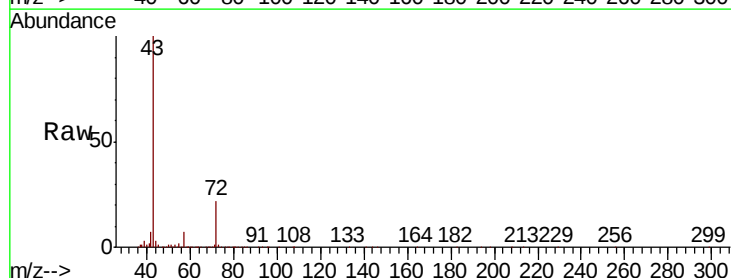


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

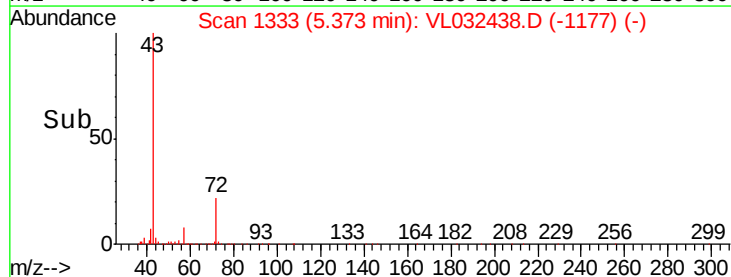
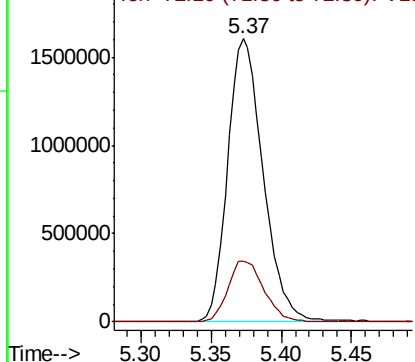


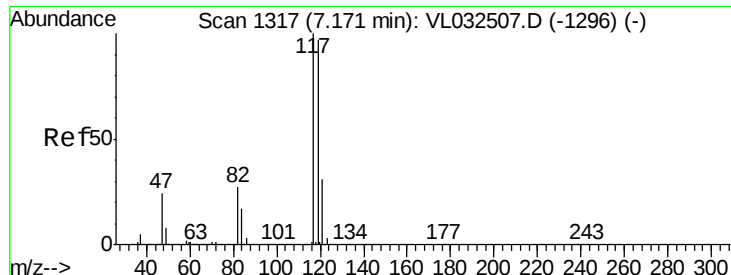
#34
 2-Butanone
 Concen: 9.938 ppbv
 RT: 5.37 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 43 Resp: 2810376
 Ion Ratio Lower Upper
 43 100
 72 22.1 17.8 26.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0

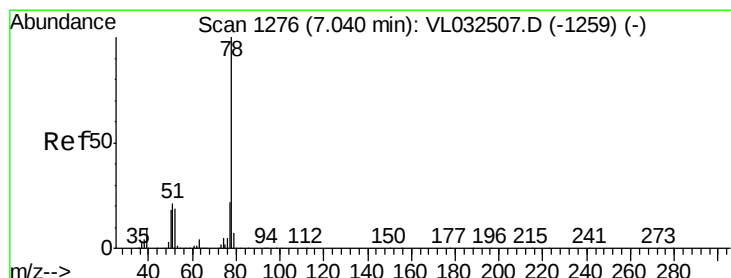
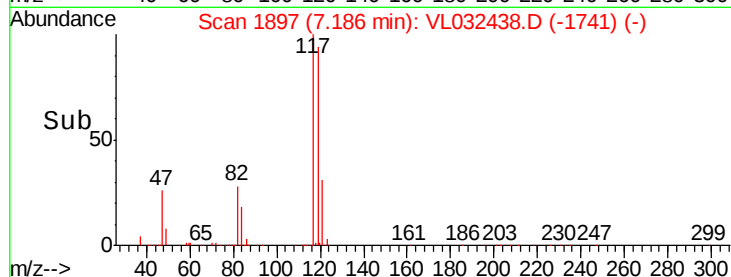
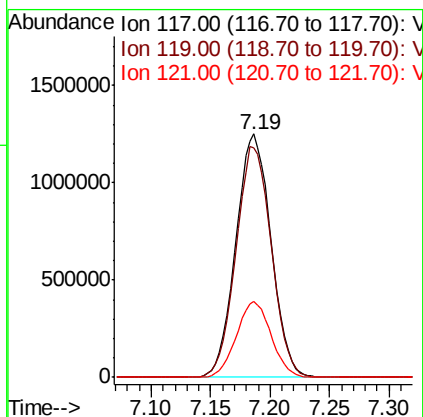
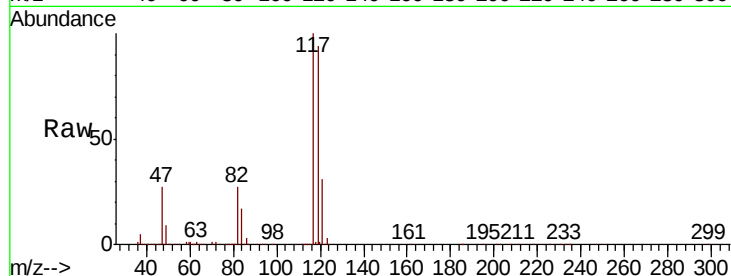




#35
Carbon Tetrachloride
Concen: 8.960 ppbv
RT: 7.19 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VL032438.D
Acq: 31 Aug 2018 5:44

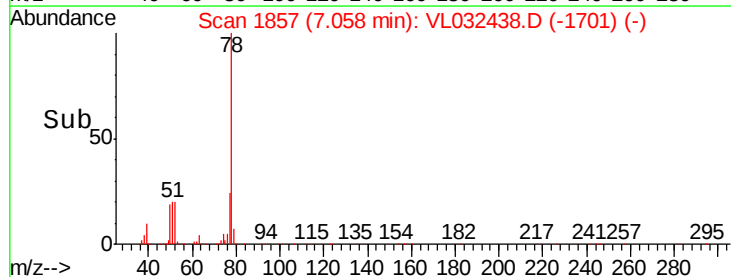
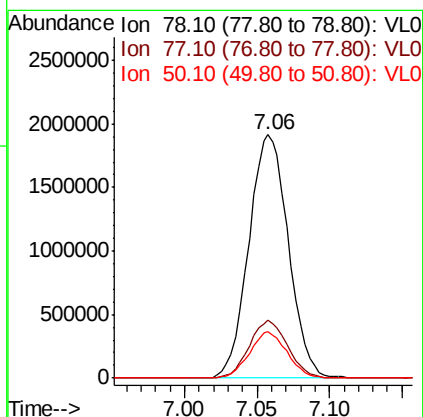
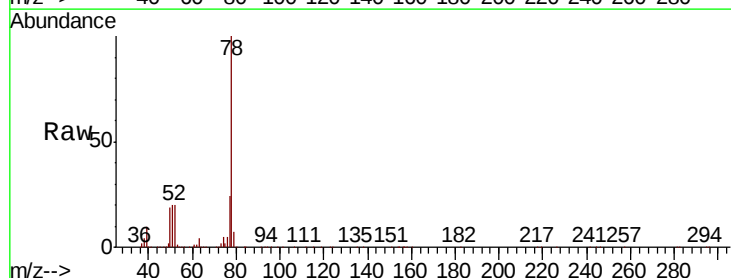
Instrument :
MSVOA_V
ClientSampleId :
DFTPP

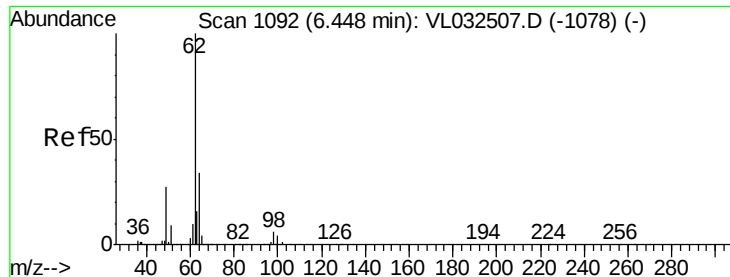
Tgt Ion:117 Resp: 2563772
Ion Ratio Lower Upper
117 100
119 94.2 76.6 115.0
121 31.0 24.6 36.8



#36
Benzene
Concen: 10.037 ppbv
RT: 7.06 min Scan# 1857
Delta R.T. 0.00 min
Lab File: VL032438.D
Acq: 31 Aug 2018 5:44

Tgt Ion: 78 Resp: 3636387
Ion Ratio Lower Upper
78 100
77 23.8 18.4 27.6
50 19.1 14.4 21.6

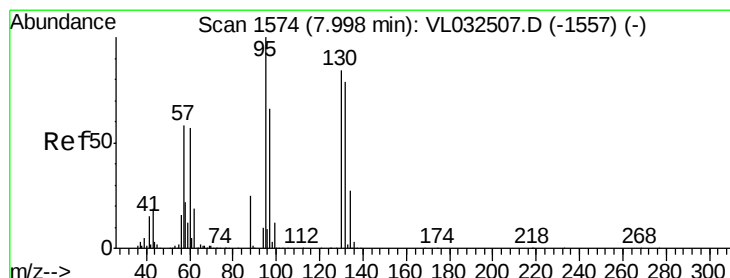
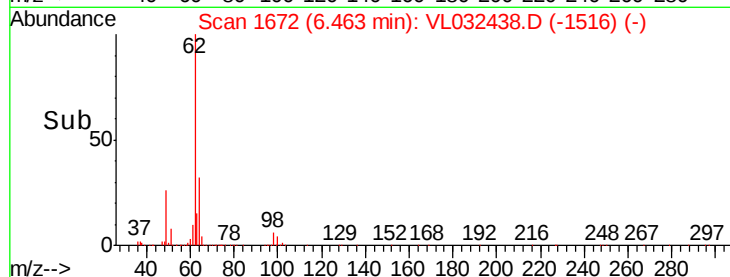
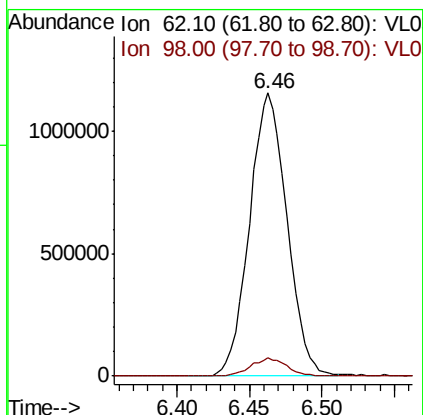
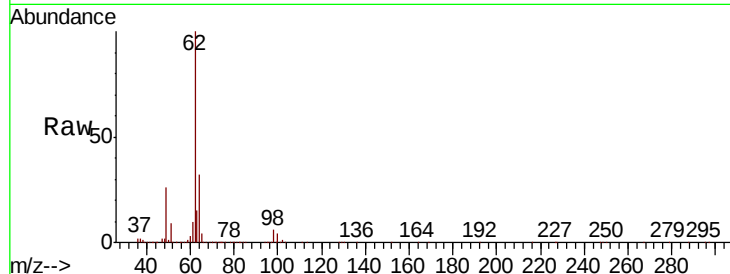




#37
 1,2-Dichloroethane
 Concen: 9.365 ppbv
 RT: 6.46 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

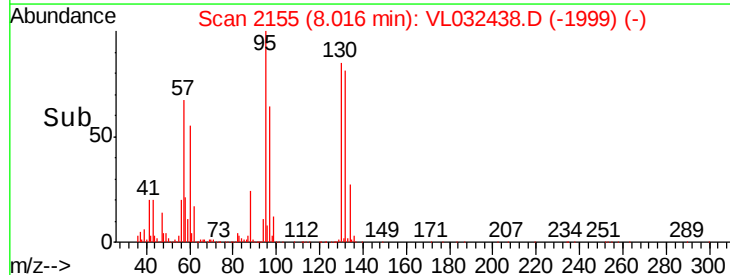
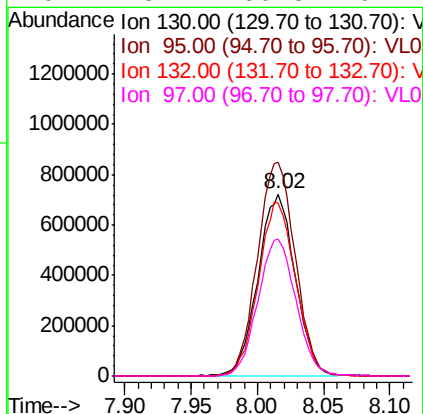
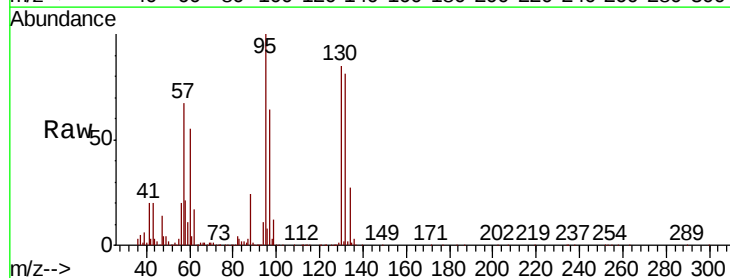
Instrument :
 MSVOA_V
 ClientSampleId :
 DFTPP

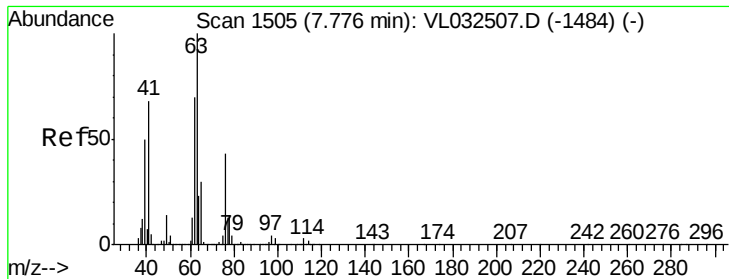
Tgt Ion: 62 Resp: 2079193
 Ion Ratio Lower Upper
 62 100
 98 6.2 5.0 7.6



#38
 Trichloroethene
 Concen: 10.233 ppbv
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 130 Resp: 1408328
 Ion Ratio Lower Upper
 130 100
 95 117.4 94.2 141.4
 132 94.8 76.2 114.4
 97 75.2 60.8 91.2



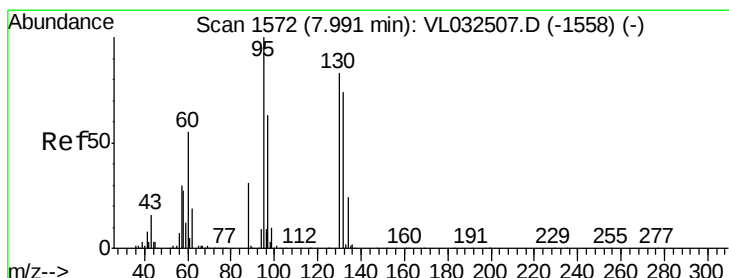
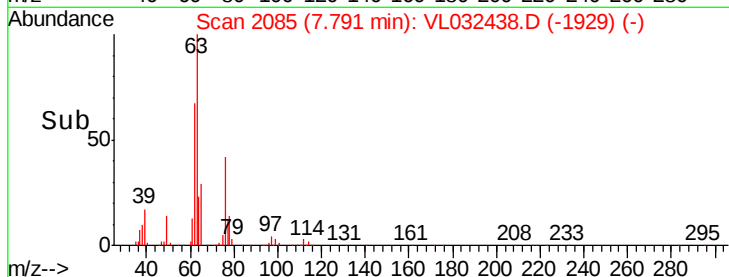
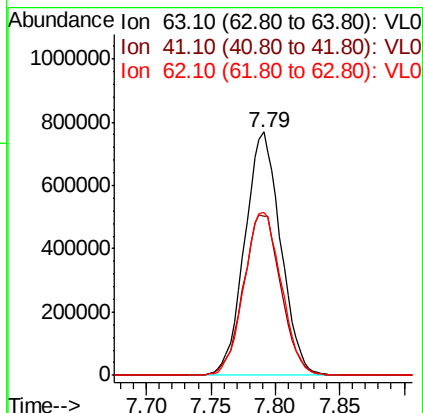
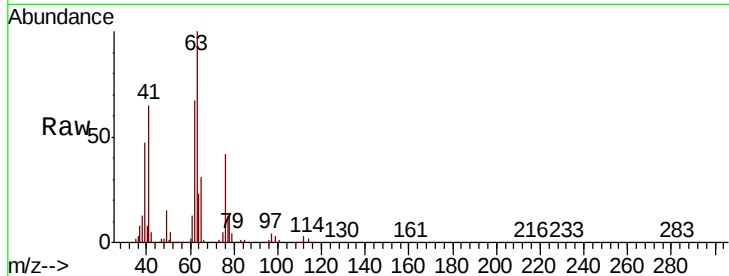


#39
 1,2-Dichloropropane
 Concen: 9.623 ppbv
 RT: 7.79 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Instrument :
 MSVOA_V
 ClientSampleId :
 DFTPP

Tgt Ion: 63 Resp: 1491629

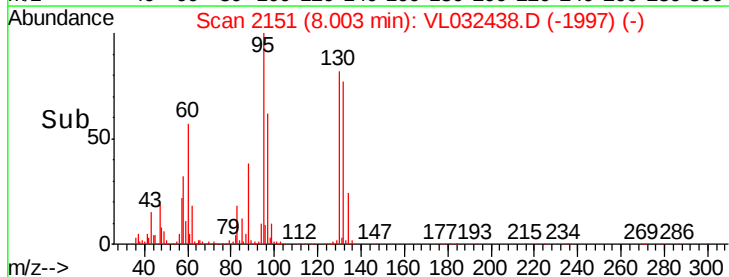
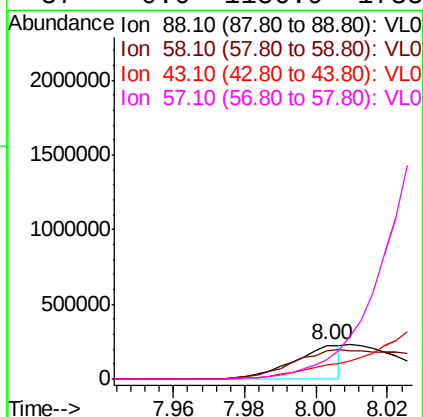
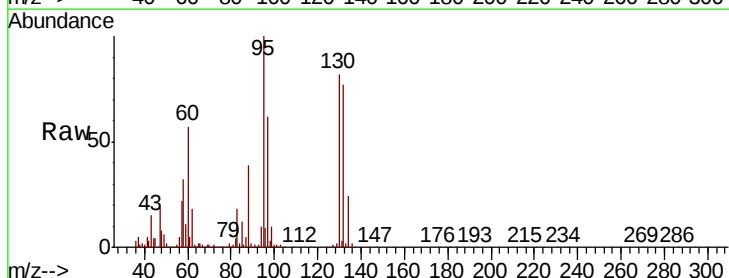
Ion	Ratio	Lower	Upper
63	100		
41	65.2	55.4	83.0
62	66.7	55.4	83.0

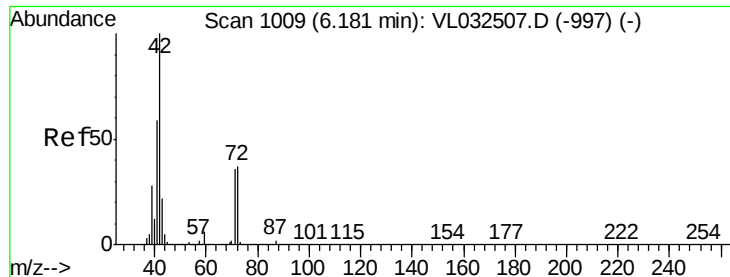


#40
 1,4-Dioxane
 Concen: 4.463 ppbv
 RT: 8.00 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 88 Resp: 207548

Ion	Ratio	Lower	Upper
88	100		
58	0.0	119.7	179.5#
43	0.0	253.0	379.4#
57	0.0	1156.9	1735.3#





#41

Tetrahydrofuran

Concen: 10.608 ppbv

RT: 6.19 min Scan# 1588

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

DFTPP

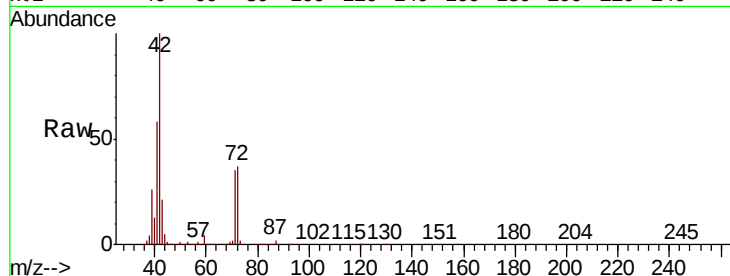
Tgt Ion: 42 Resp: 1633111

Ion Ratio Lower Upper

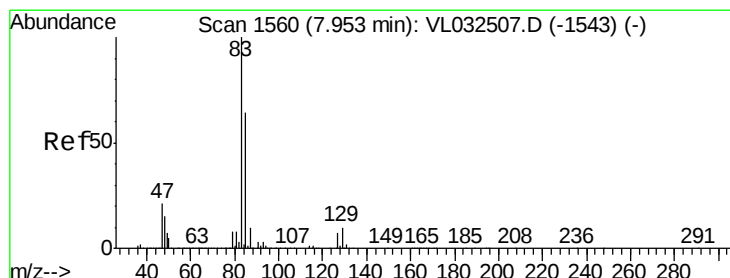
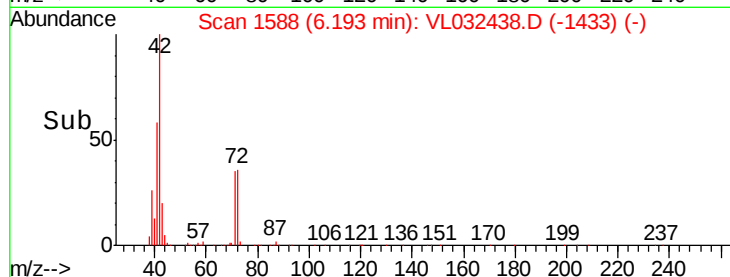
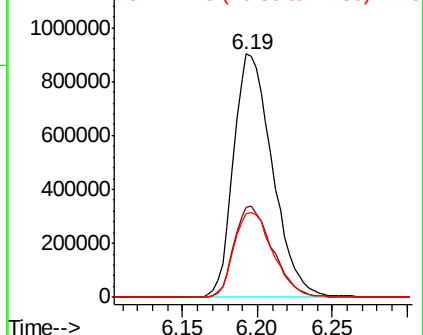
42 100

72 37.0 29.5 44.3

71 35.2 28.3 42.5



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 10.159 ppbv

RT: 7.97 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

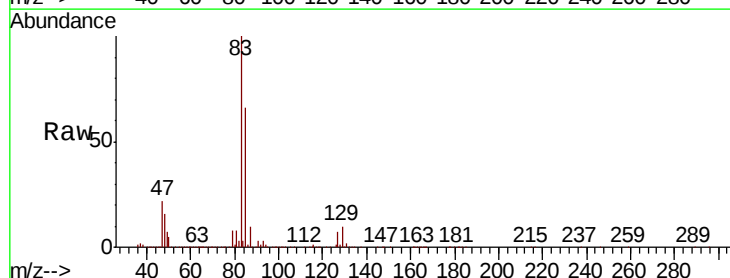
Tgt Ion: 83 Resp: 3110866

Ion Ratio Lower Upper

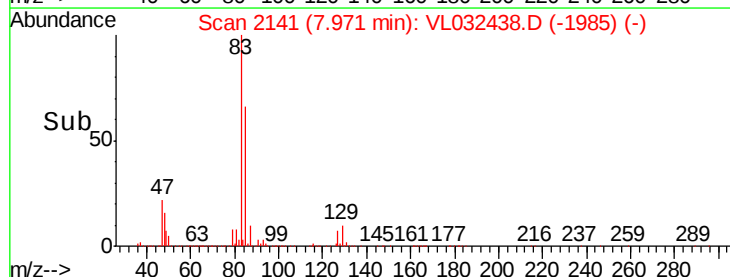
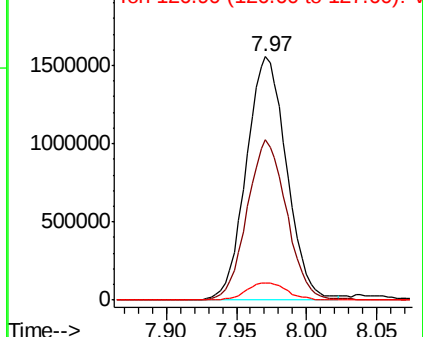
83 100

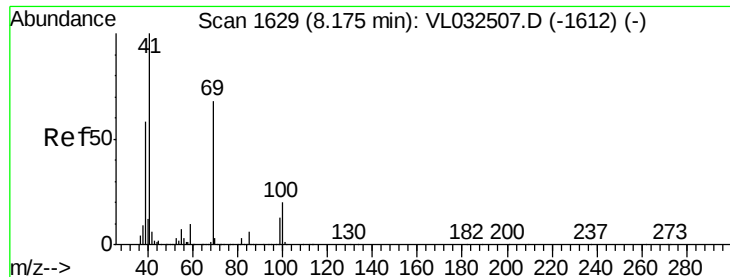
85 65.9 51.1 76.7

127 7.2 5.8 8.8



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V

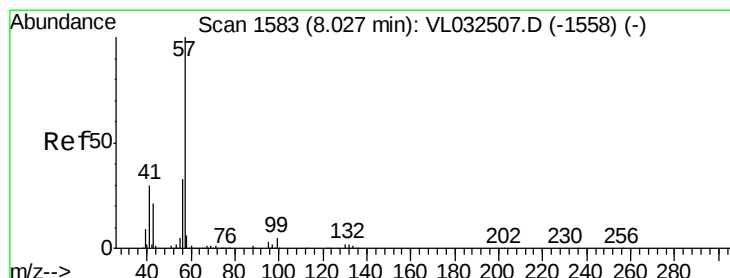
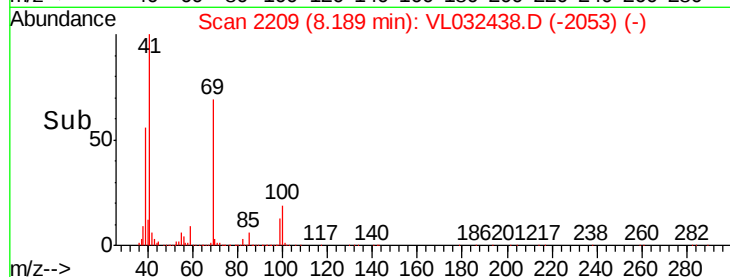
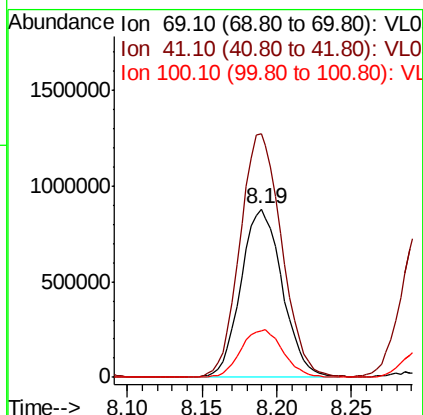
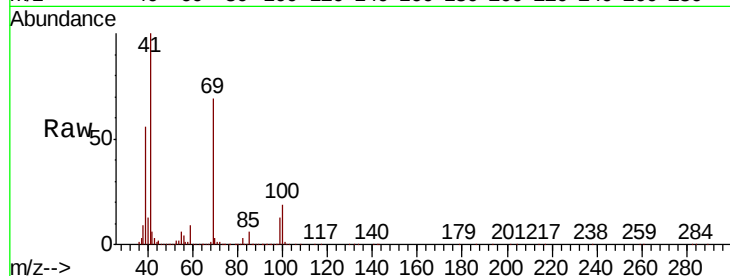




#43
Methyl Methacrylate
Concen: 10.996 ppbv
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VL032438.D
Acq: 31 Aug 2018 5:44

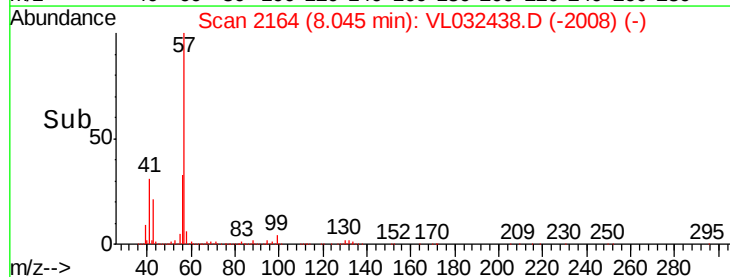
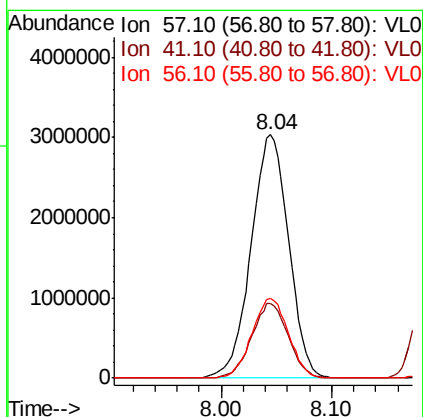
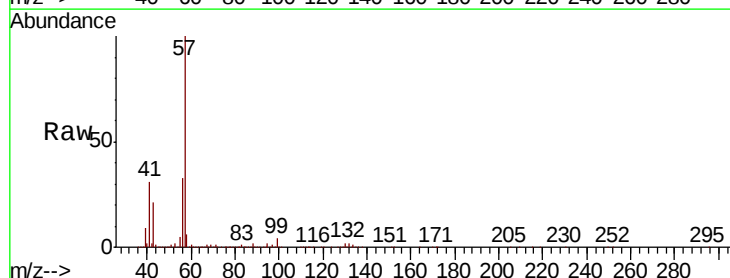
Instrument :
MSVOA_V
ClientSampleId :
DFTPP

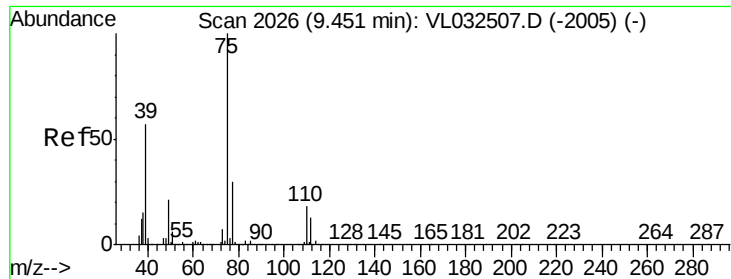
Tgt Ion: 69 Resp: 1690160
Ion Ratio Lower Upper
69 100
41 146.2 117.1 175.7
100 29.0 23.4 35.2



#44
2,2,4-Trimethylpentane
Concen: 10.200 ppbv
RT: 8.04 min Scan# 2164
Delta R.T. 0.00 min
Lab File: VL032438.D
Acq: 31 Aug 2018 5:44

Tgt Ion: 57 Resp: 7144592
Ion Ratio Lower Upper
57 100
41 30.2 24.4 36.6
56 32.0 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 12.218 ppbv

RT: 9.47 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

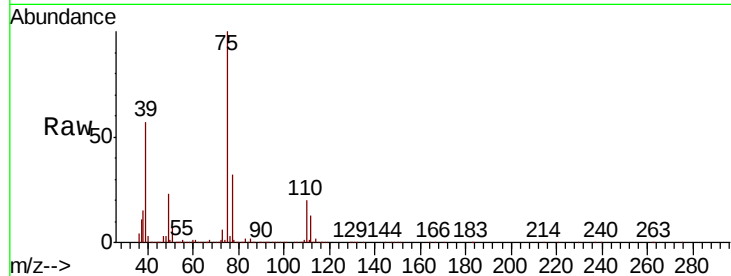
DFTPP

Tgt Ion: 75 Resp: 2009545

Ion Ratio Lower Upper

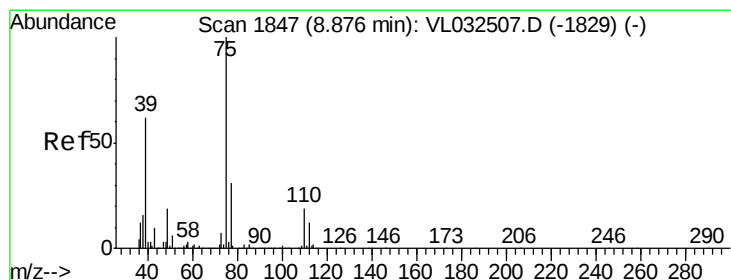
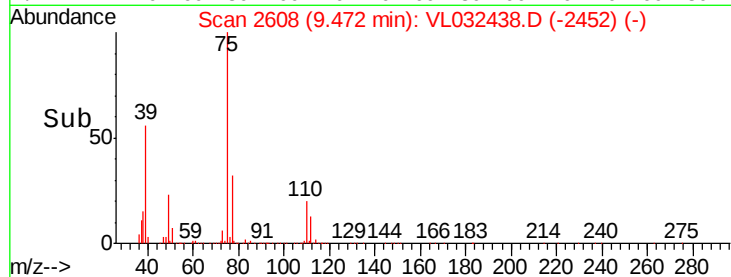
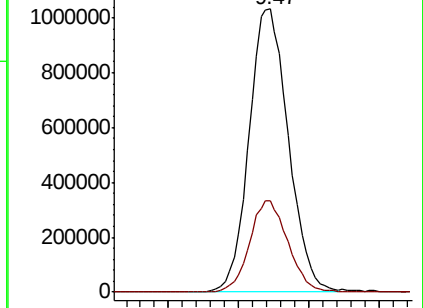
75 100

77 32.2 26.2 39.2



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 11.669 ppbv

RT: 8.89 min Scan# 2427

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

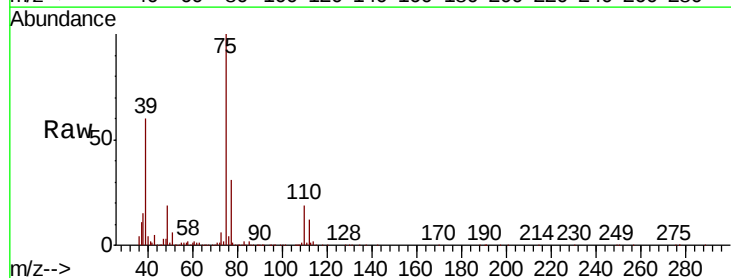
Tgt Ion: 75 Resp: 2452451

Ion Ratio Lower Upper

75 100

39 59.5 48.9 73.3

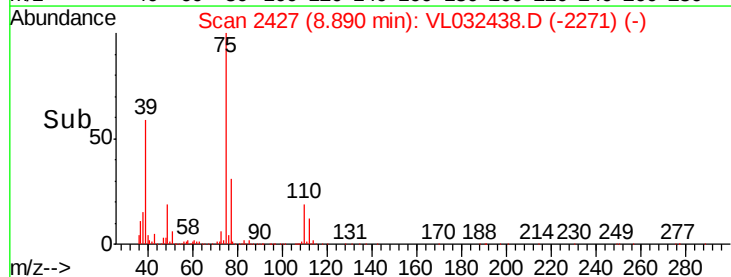
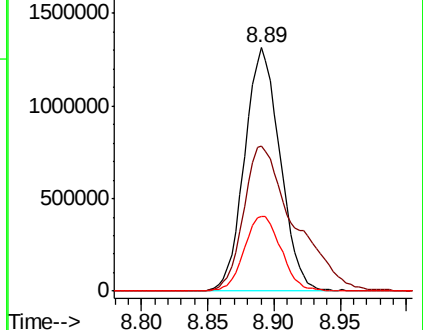
77 30.8 25.4 38.0

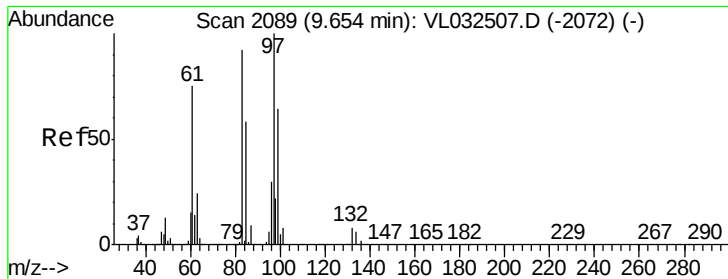


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

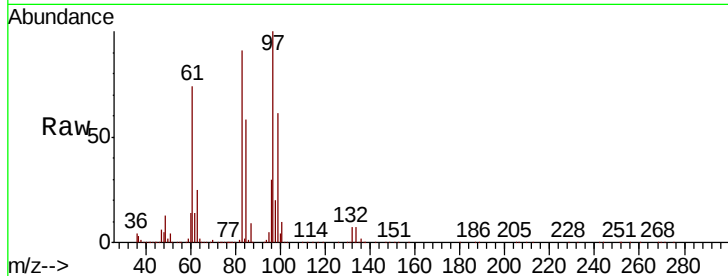




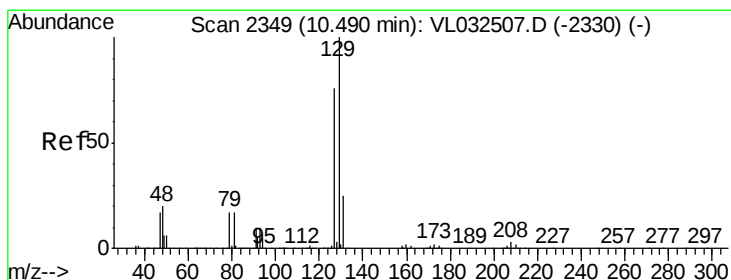
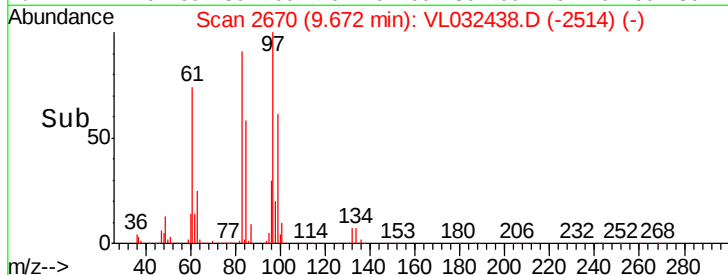
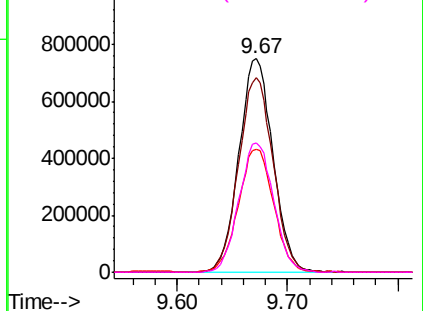
#47
 1,1,2-Trichloroethane
 Concen: 9.699 ppbv
 RT: 9.67 min Scan# 2670
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Instrument :
 MSVOA_V
 ClientSampleId :
 DFTPP

Tgt Ion: 97 Resp: 1598535
 Ion Ratio Lower Upper
 97 100
 83 90.9 75.0 112.4
 85 57.5 47.5 71.3
 99 60.7 49.0 73.6

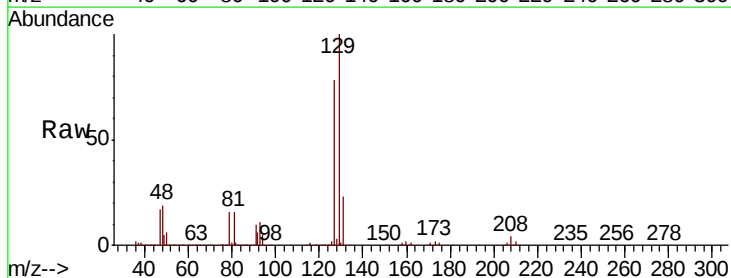


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

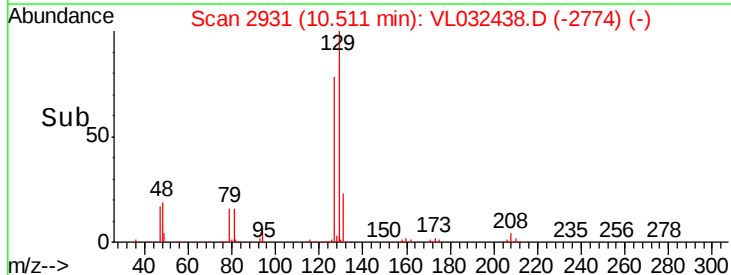
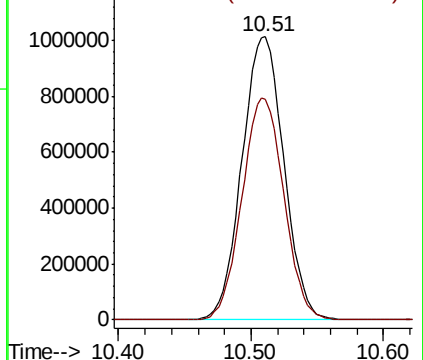


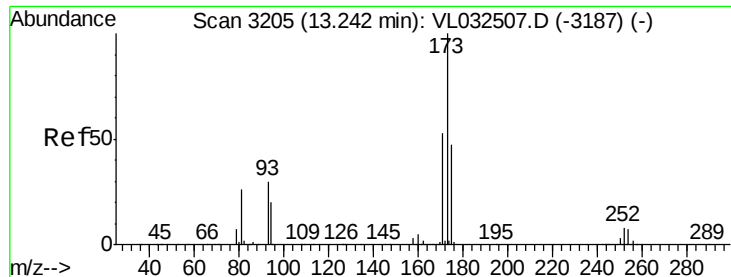
#48
 Dibromochloromethane
 Concen: 9.772 ppbv
 RT: 10.51 min Scan# 2931
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 129 Resp: 2230569
 Ion Ratio Lower Upper
 129 100
 127 78.7 39.5 118.3



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.983 ppbv

RT: 13.26 min Scan# 3787

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

DFTPP

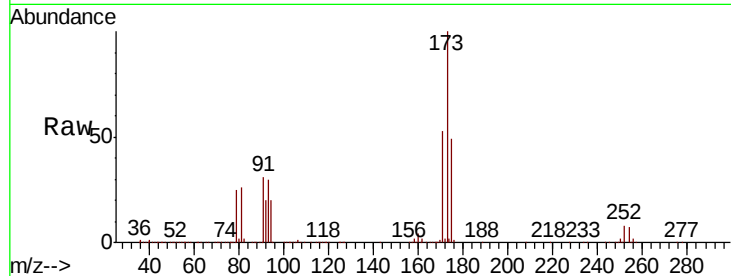
Tgt Ion:173 Resp: 1980484

Ion Ratio Lower Upper

173 100

175 49.0 38.9 58.3

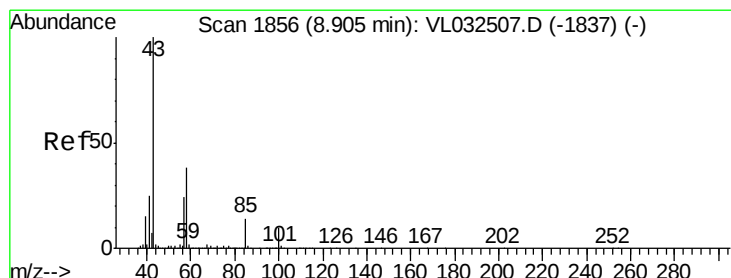
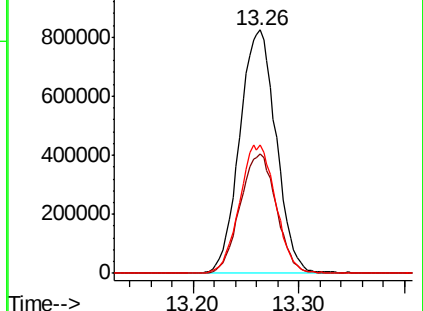
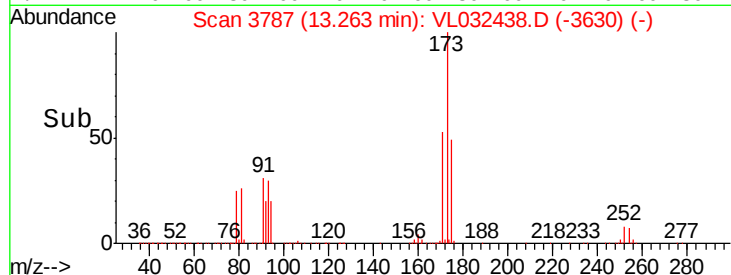
171 52.3 41.6 62.4



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.129 ppbv

RT: 8.92 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VL032438.D

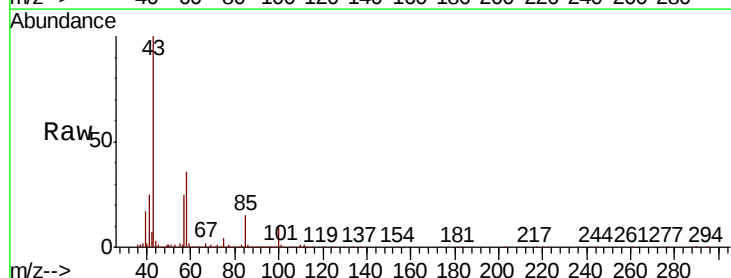
Acq: 31 Aug 2018 5:44

Tgt Ion: 43 Resp: 4314660

Ion Ratio Lower Upper

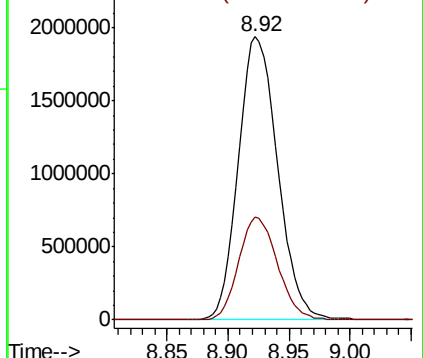
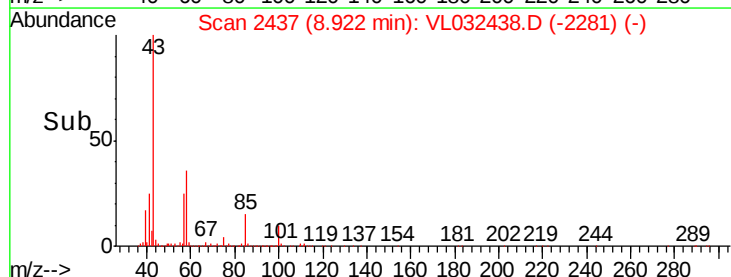
43 100

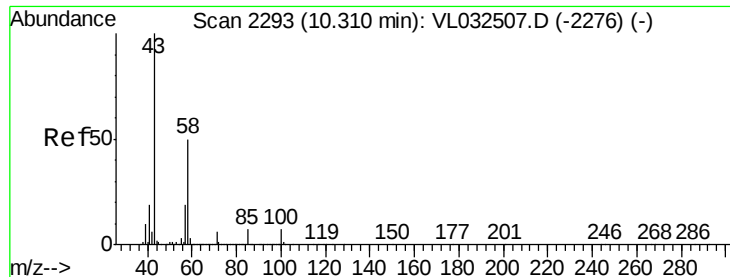
58 36.1 29.0 43.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 11.136 ppbv

RT: 10.32 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

DFTPP

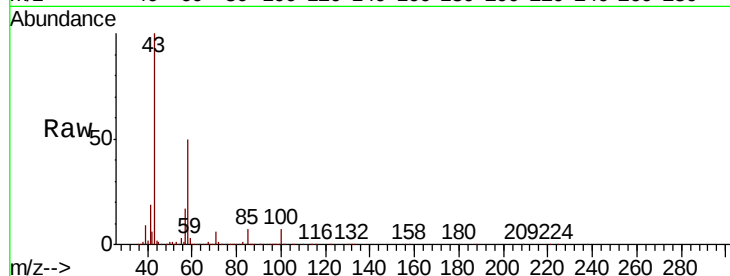
Tgt Ion: 43 Resp: 3055567

Ion Ratio Lower Upper

43 100

58 48.8 39.2 58.8

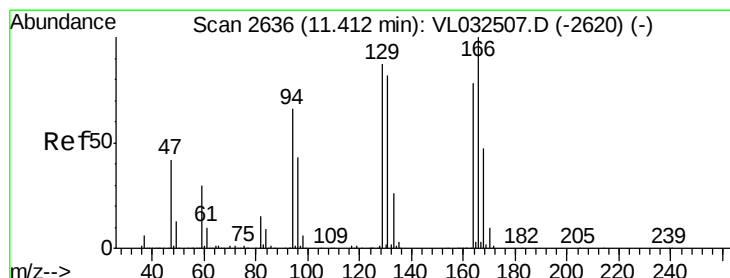
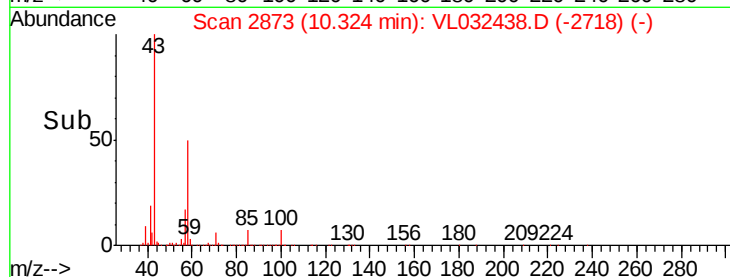
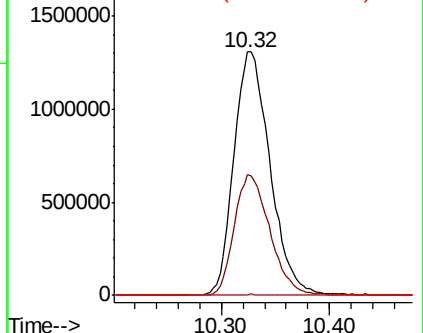
98 0.6 0.4 0.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 9.679 ppbv

RT: 11.43 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Tgt Ion: 164 Resp: 1087330

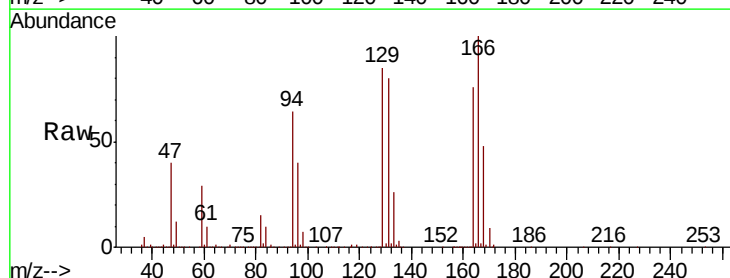
Ion Ratio Lower Upper

164 100

166 130.8 100.6 150.8

129 111.7 89.9 134.9

131 105.1 85.9 128.9

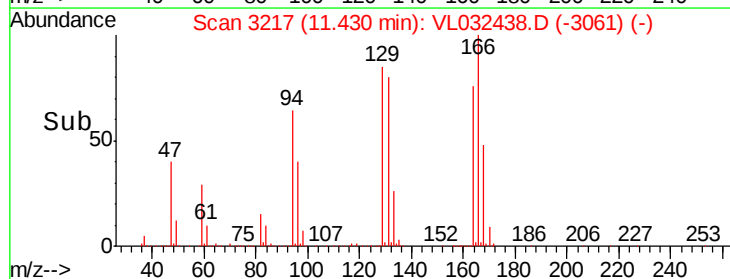
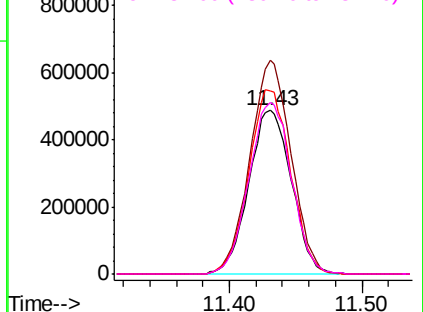


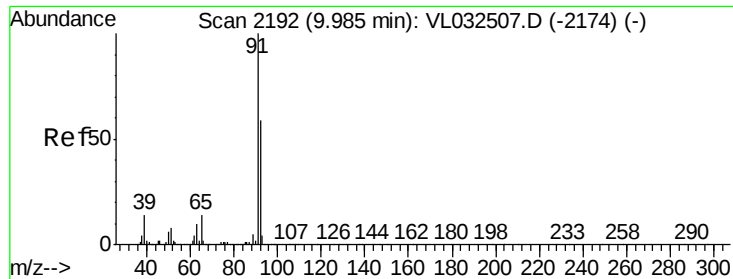
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 10.558 ppbv

RT: 10.00 min Scan# 2773

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

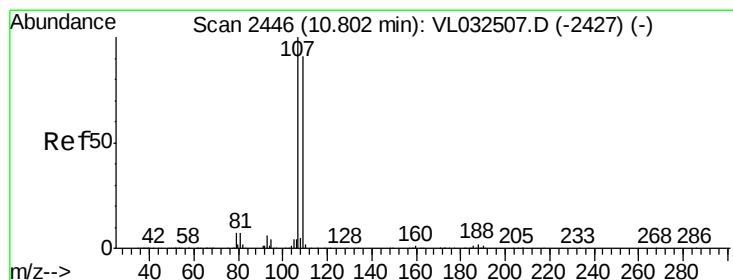
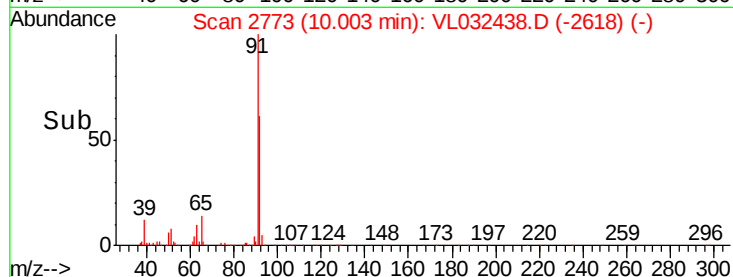
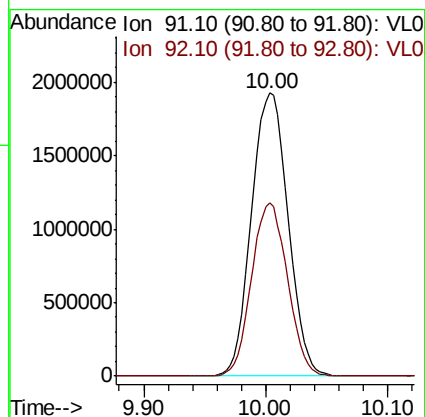
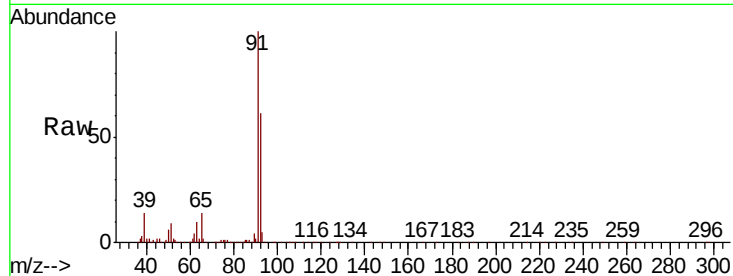
DFTPP

Tgt Ion: 91 Resp: 3998318

Ion Ratio Lower Upper

91 100

92 60.2 48.1 72.1



#54

1,2-Dibromoethane

Concen: 10.680 ppbv

RT: 10.82 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VL032438.D

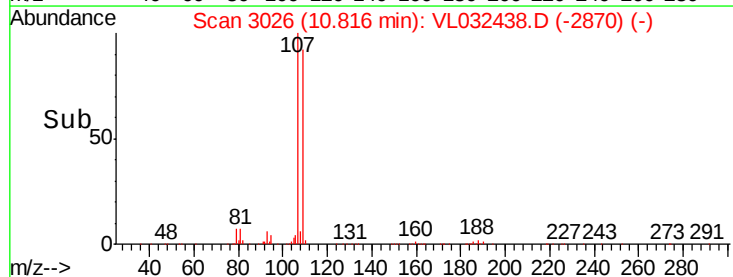
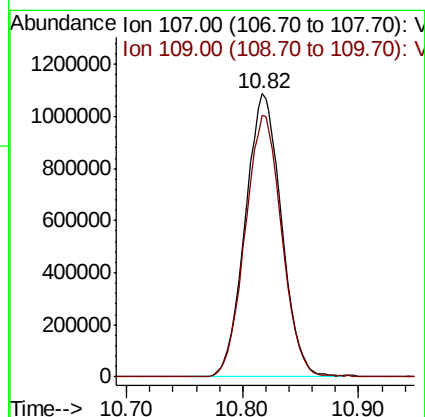
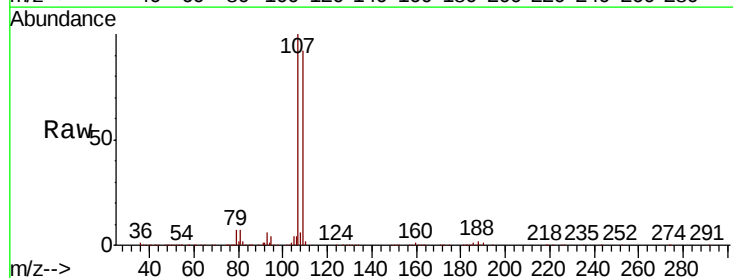
Acq: 31 Aug 2018 5:44

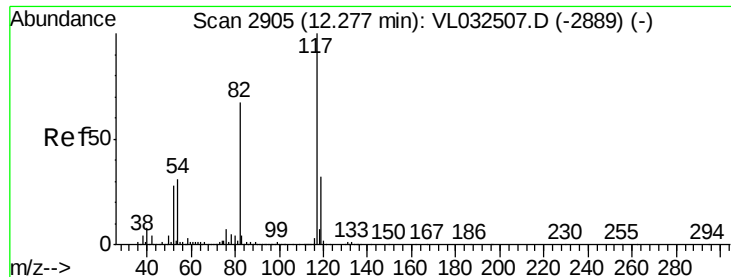
Tgt Ion: 107 Resp: 2363211

Ion Ratio Lower Upper

107 100

109 92.4 73.9 110.9

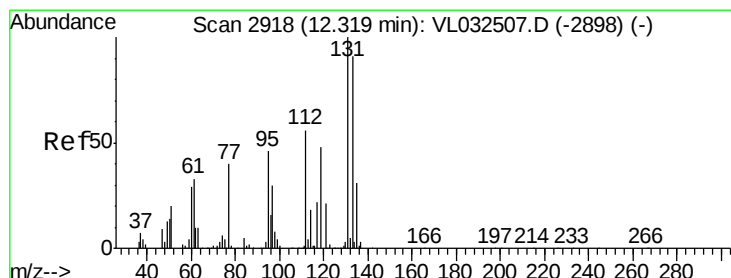
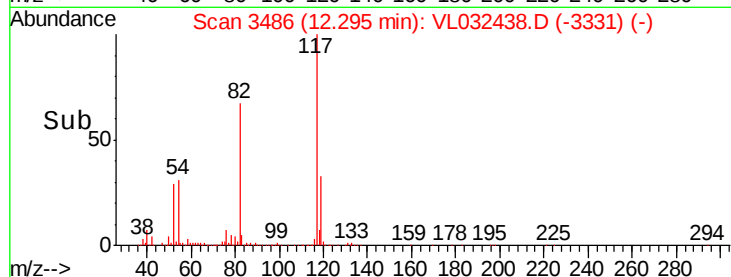
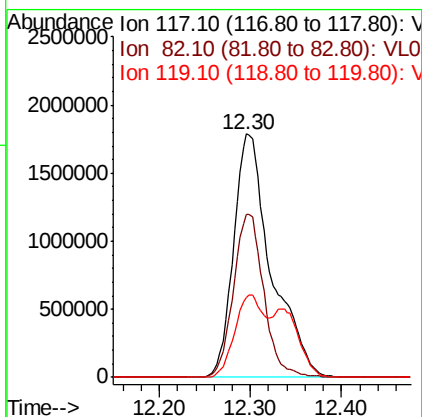
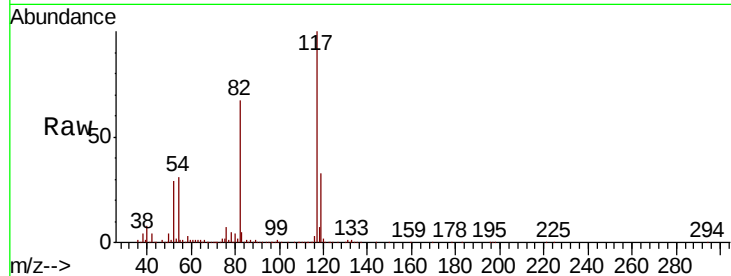




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.30 min Scan# 3486
Delta R.T. -0.00 min
Lab File: VL032438.D
Acq: 31 Aug 2018 5:44

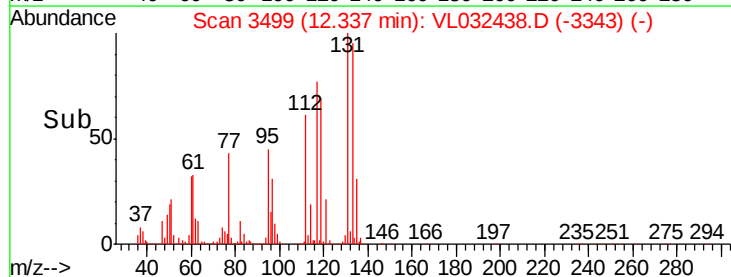
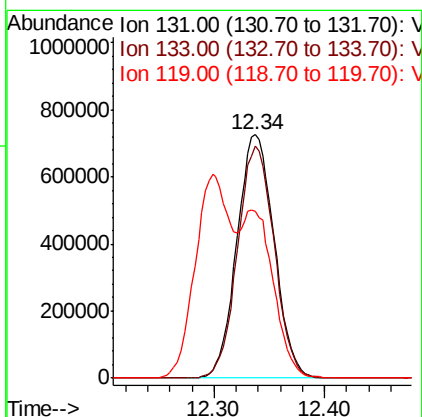
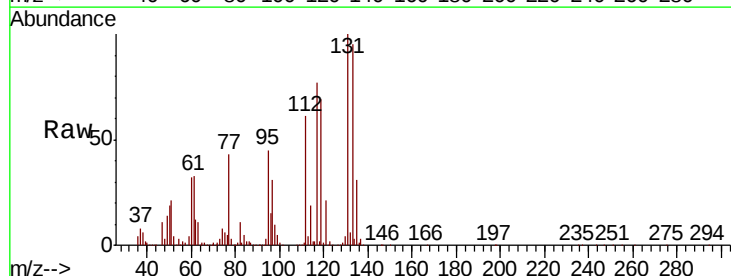
Instrument :
MSVOA_V
ClientSampleId :
DFTPP

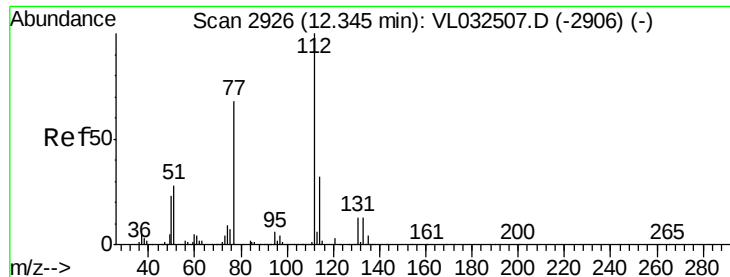
Tgt Ion:117 Resp: 5138249
Ion Ratio Lower Upper
117 100
82 54.3 53.0 79.6
119 47.0 45.9 68.9



#56
1,1,1,2-Tetrachloroethane
Concen: 7.318 ppbv
RT: 12.34 min Scan# 3499
Delta R.T. 0.00 min
Lab File: VL032438.D
Acq: 31 Aug 2018 5:44

Tgt Ion:131 Resp: 1695107
Ion Ratio Lower Upper
131 100
133 94.2 77.0 115.4
119 142.5 114.2 171.2





#57

Chlorobenzene

Concen: 7.421 ppbv

RT: 12.36 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

DFTPP

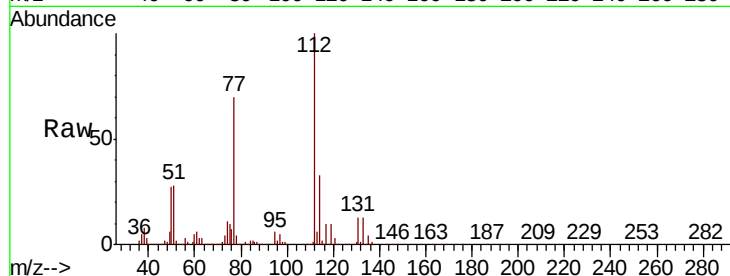
Tgt Ion: 112 Resp: 3047552

Ion Ratio Lower Upper

112 100

77 69.9 56.1 84.1

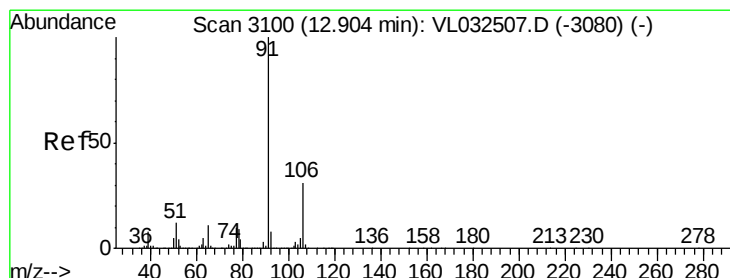
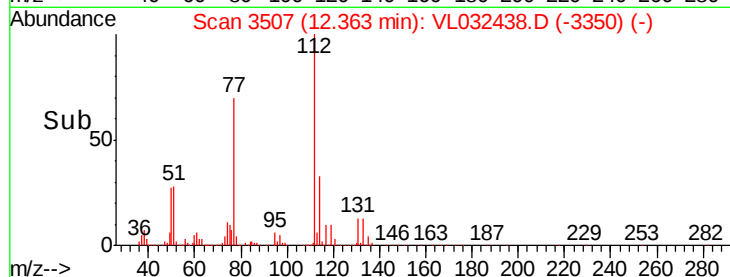
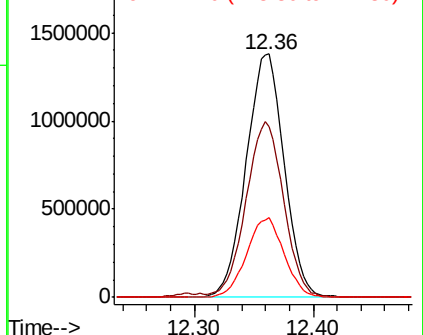
114 32.7 27.8 34.0



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 8.888 ppbv

RT: 12.92 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VL032438.D

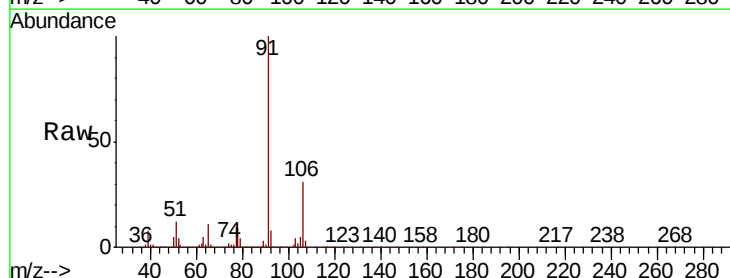
Acq: 31 Aug 2018 5:44

Tgt Ion: 91 Resp: 5465472

Ion Ratio Lower Upper

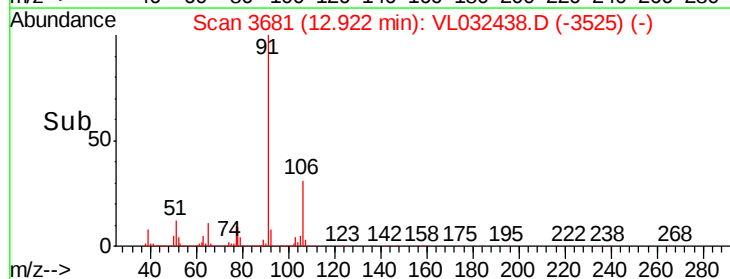
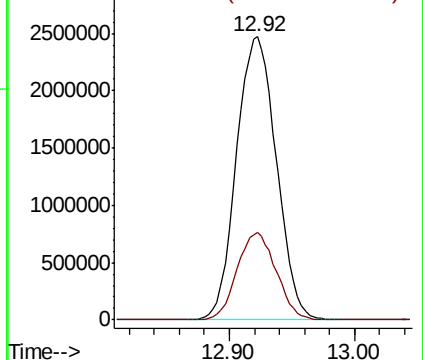
91 100

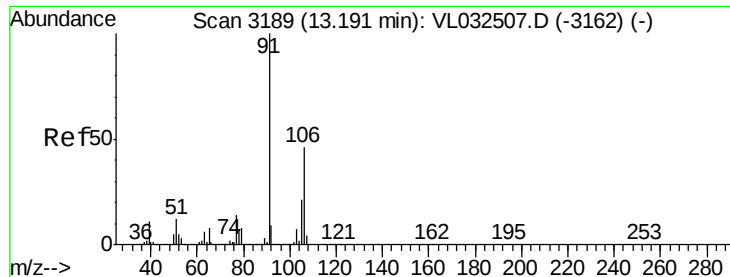
106 31.0 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

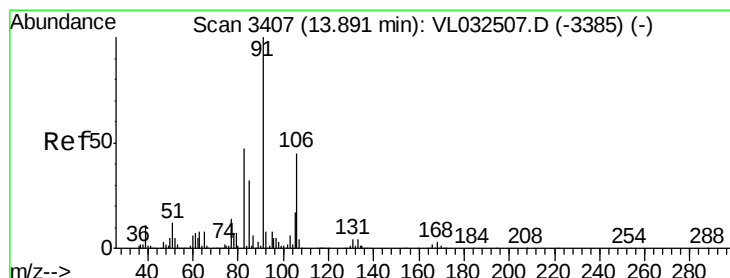
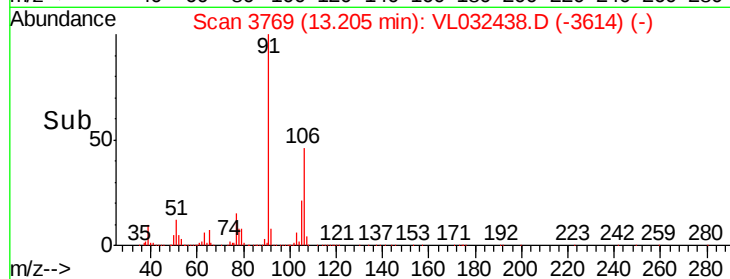
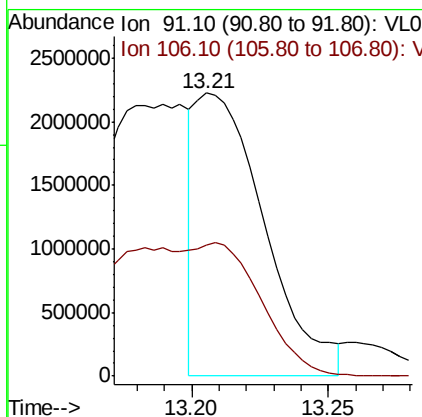
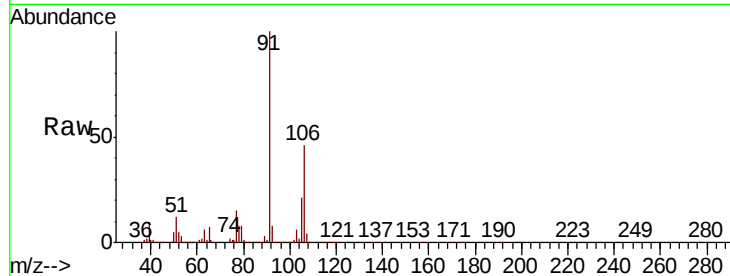




#59
m/p-Xylene
Concen: 7.075 ppbv
RT: 13.21 min Scan# 3769
Delta R.T. -0.00 min
Lab File: VL032438.D
Acq: 31 Aug 2018 5:44

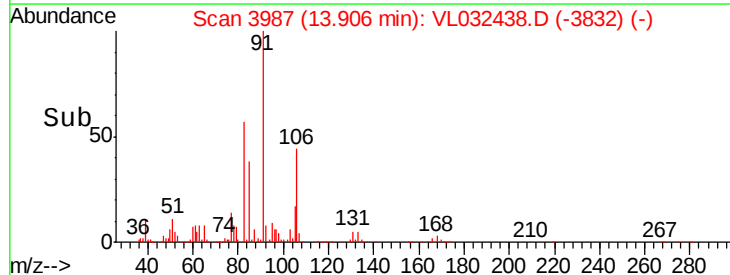
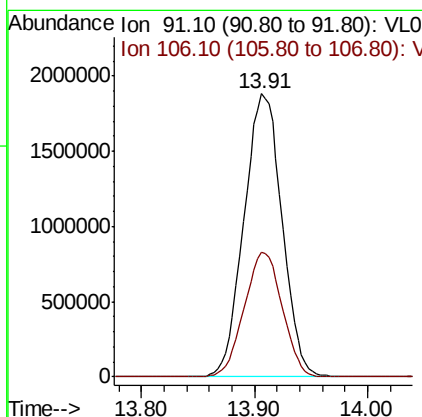
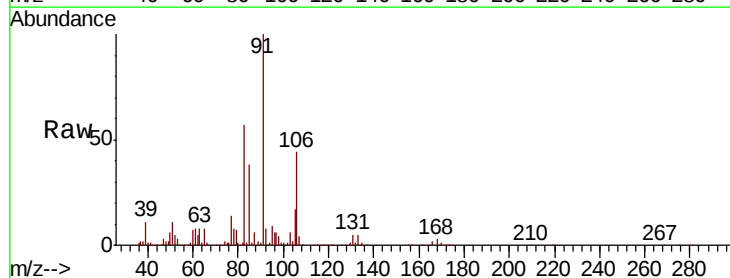
Instrument :
MSVOA_V
ClientSampleId :
DFTPP

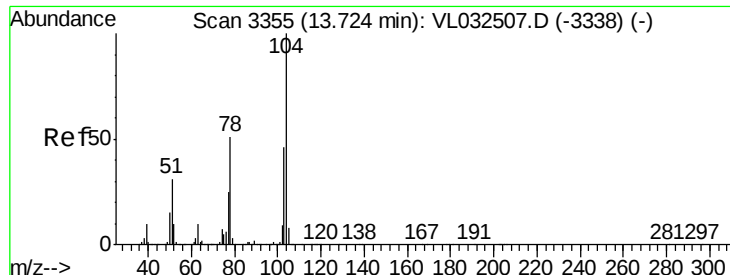
Tgt Ion: 91 Resp: 3878360
Ion Ratio Lower Upper
91 100
106 106.2 36.6 55.0#



#60
o-Xylene
Concen: 8.163 ppbv
RT: 13.91 min Scan# 3987
Delta R.T. -0.00 min
Lab File: VL032438.D
Acq: 31 Aug 2018 5:44

Tgt Ion: 91 Resp: 4395607
Ion Ratio Lower Upper
91 100
106 44.1 21.9 65.7





#61

Styrene

Concen: 9.604 ppbv

RT: 13.74 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

DFTPP

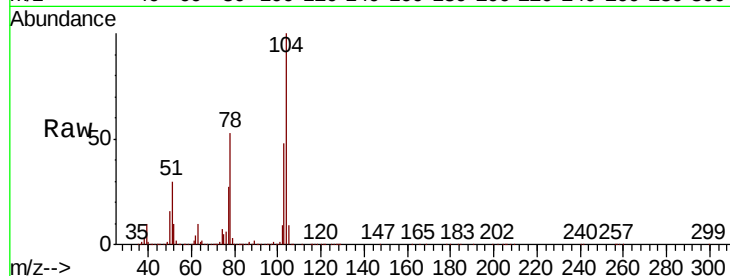
Tgt Ion:104 Resp: 3348119

Ion Ratio Lower Upper

104 100

78 52.3 41.8 62.8

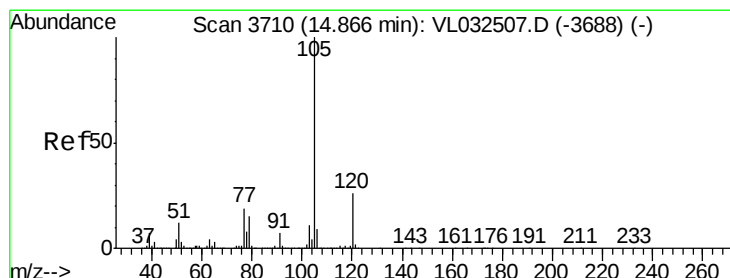
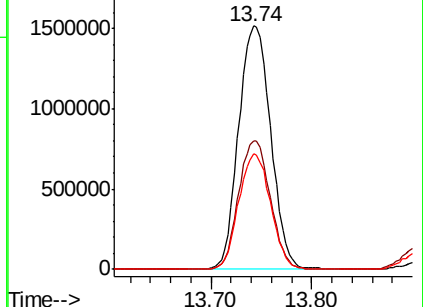
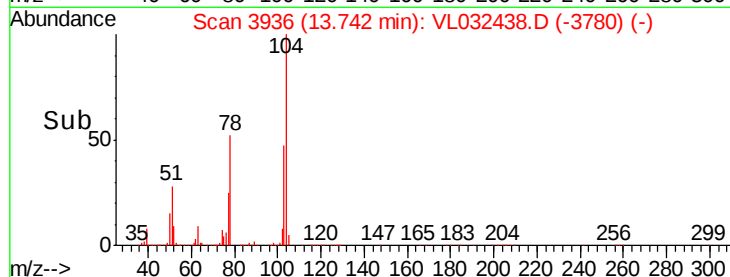
103 47.2 38.0 57.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 8.066 ppbv

RT: 14.88 min Scan# 4291

Delta R.T. -0.00 min

Lab File: VL032438.D

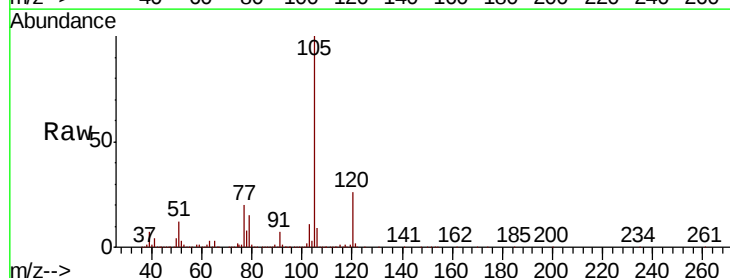
Acq: 31 Aug 2018 5:44

Tgt Ion:105 Resp: 6106086

Ion Ratio Lower Upper

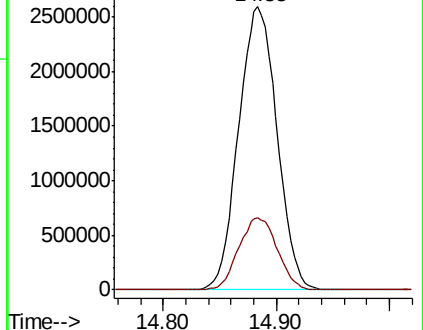
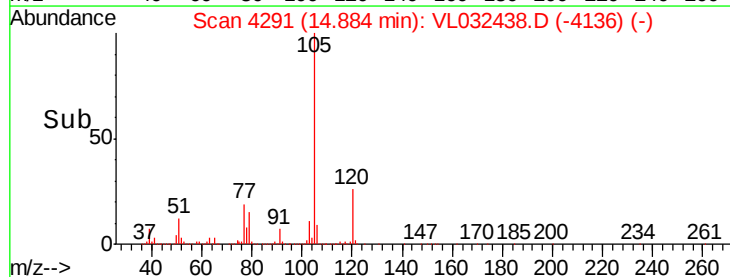
105 100

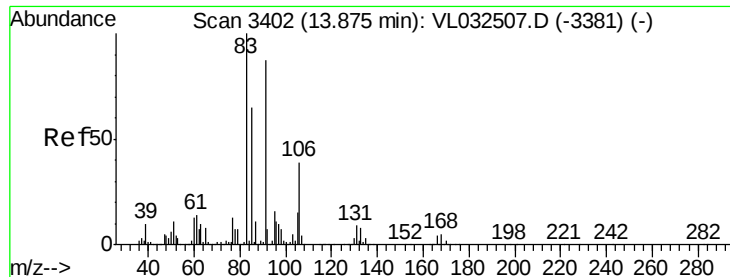
120 25.7 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

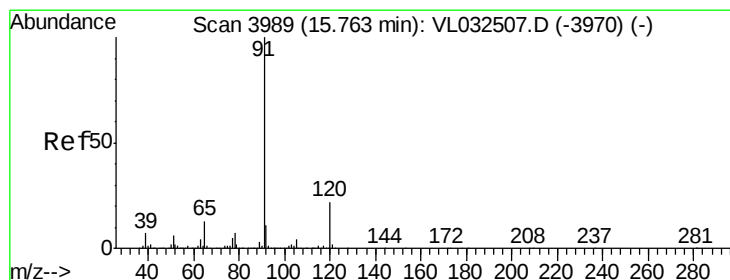
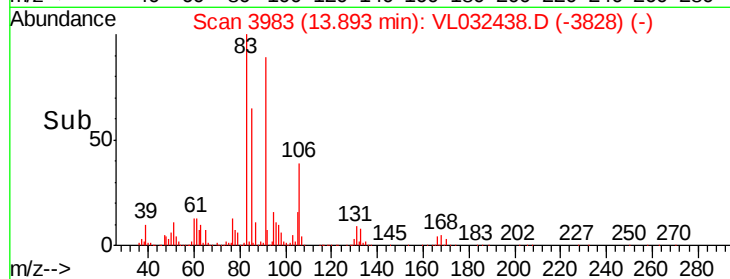
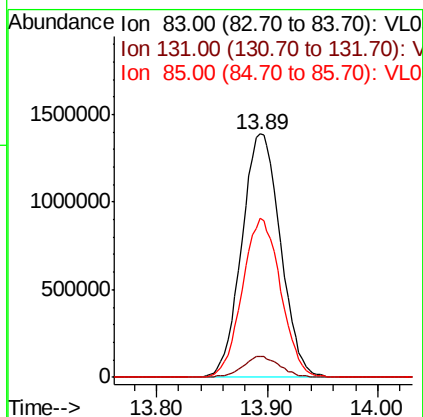
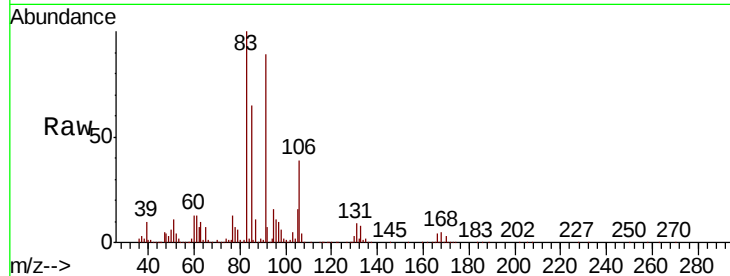




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.011 ppbv
 RT: 13.89 min Scan# 3983
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

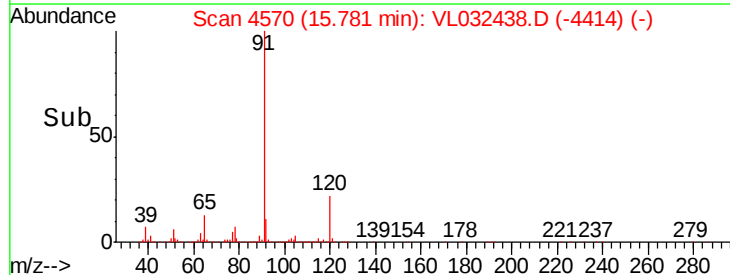
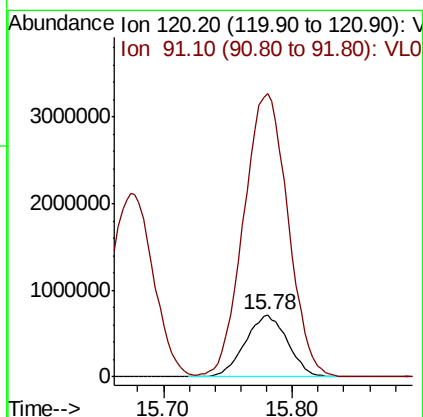
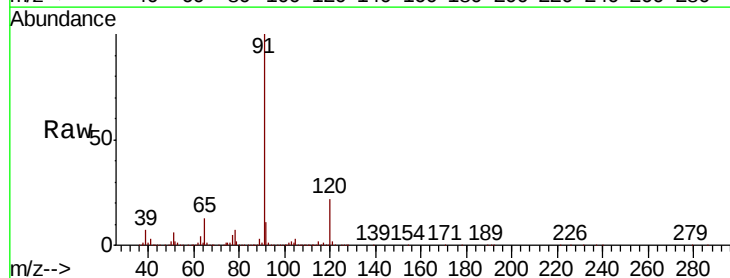
Instrument :
 MSVOA_V
 ClientSampleId :
 DFTPP

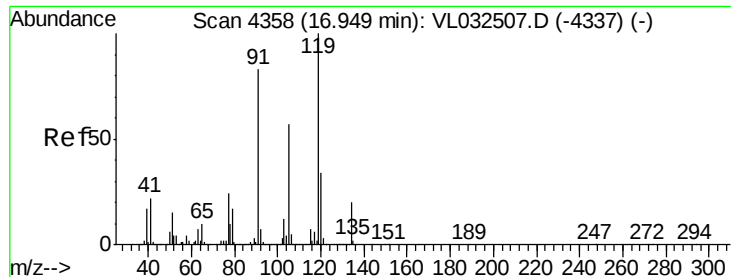
Tgt Ion: 83 Resp: 3375738
 Ion Ratio Lower Upper
 83 100
 131 8.2 4.3 12.8
 85 64.9 32.3 96.8



#64
 n-propylbenzene
 Concen: 8.250 ppbv
 RT: 15.78 min Scan# 4570
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 120 Resp: 1632685
 Ion Ratio Lower Upper
 120 100
 91 479.2 381.8 572.6

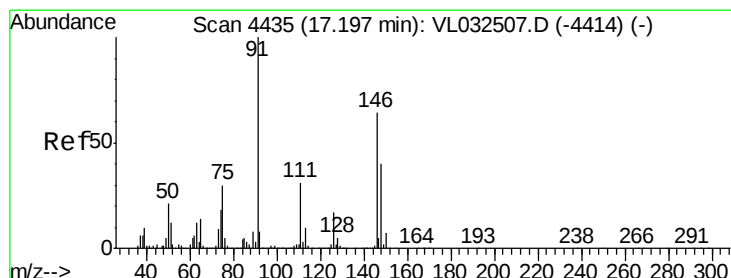
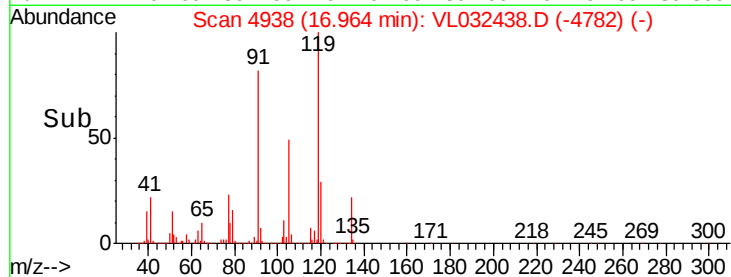
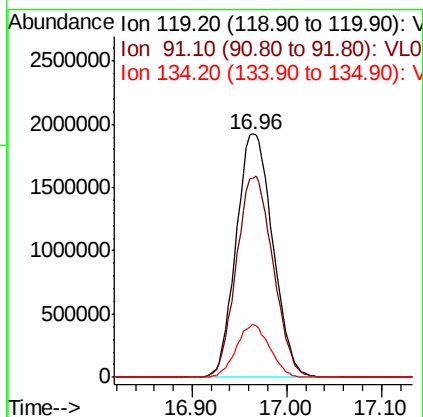
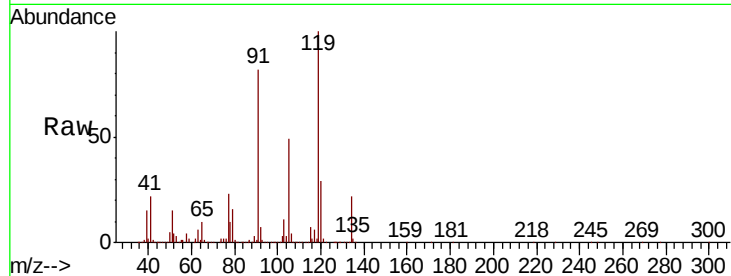




#65
tert-Butylbenzene
Concen: 7.917 ppbv
RT: 16.96 min Scan# 4938
Delta R.T. 0.00 min
Lab File: VL032438.D
Acq: 31 Aug 2018 5:44

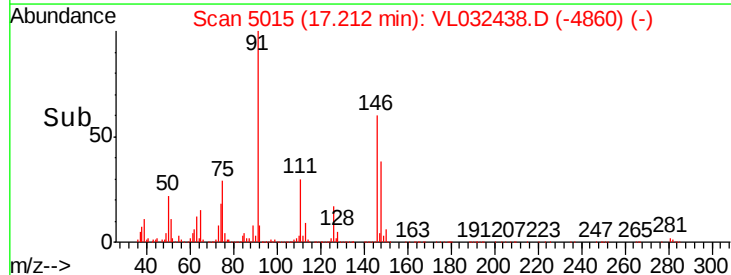
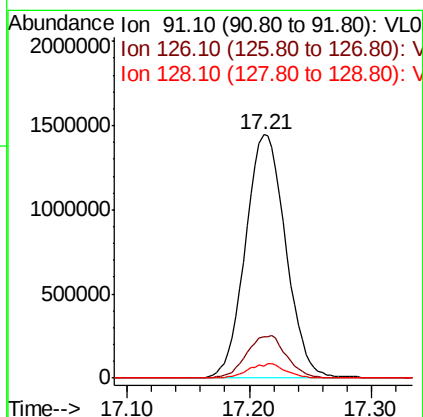
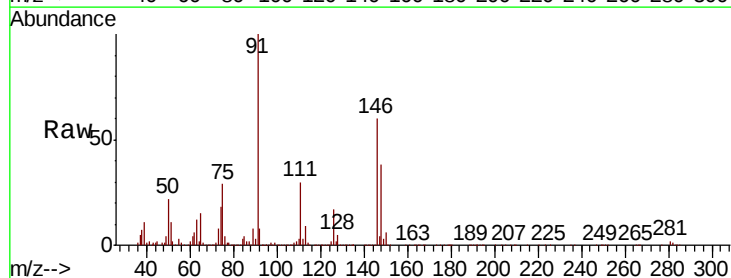
Instrument :
MSVOA_V
ClientSampleId :
DFTPP

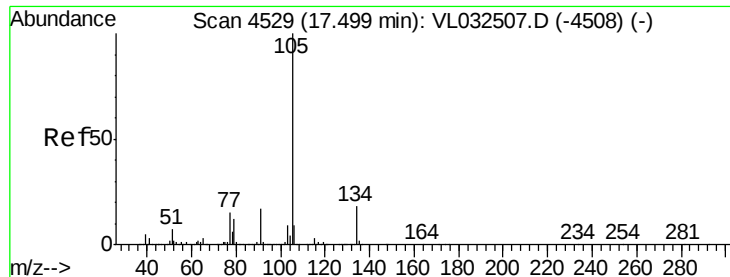
Tgt Ion: 119 Resp: 5164334
Ion Ratio Lower Upper
119 100
91 83.1 66.5 99.7
134 19.8 16.0 24.0



#66
Benzyl Chloride
Concen: 9.061 ppbv
RT: 17.21 min Scan# 5015
Delta R.T. -0.00 min
Lab File: VL032438.D
Acq: 31 Aug 2018 5:44

Tgt Ion: 91 Resp: 3292804
Ion Ratio Lower Upper
91 100
126 17.5 13.8 20.8
128 5.5 4.4 6.6

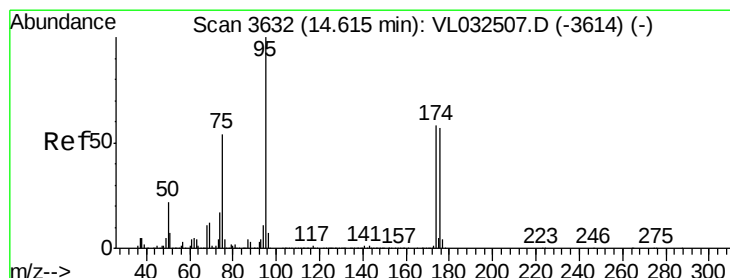
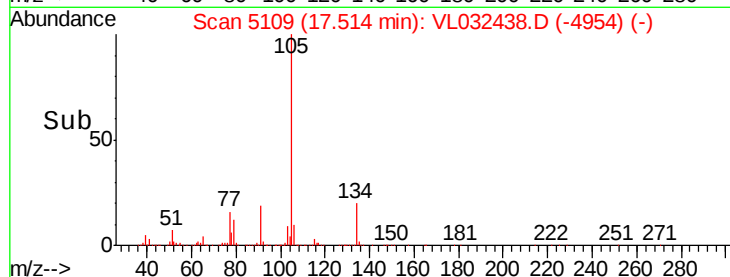
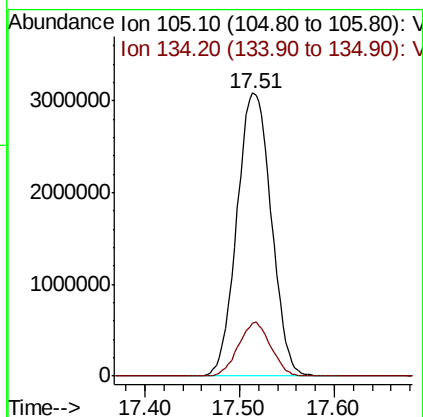
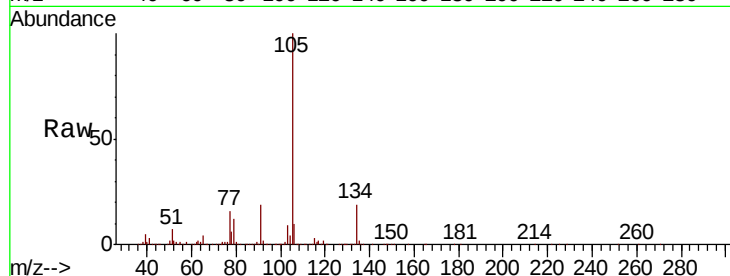




#67
 sec-Butylbenzene
 Concen: 7.938 ppbv
 RT: 17.51 min Scan# 5109
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

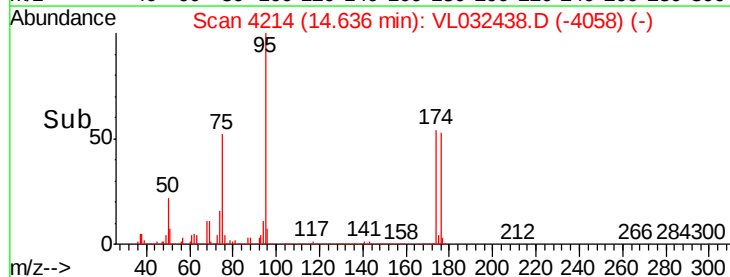
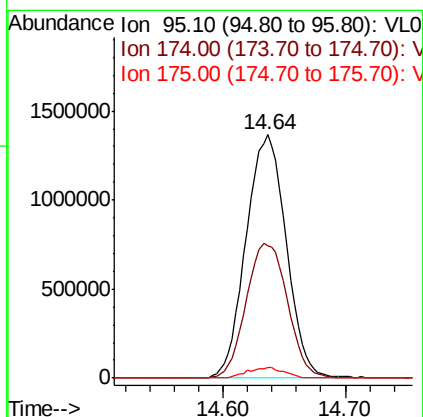
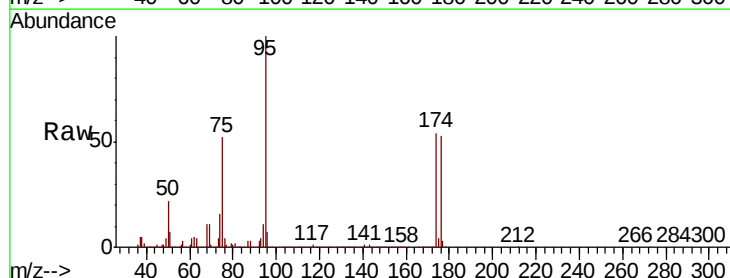
Instrument :
 MSVOA_V
 ClientSampleId :
 DFTPP

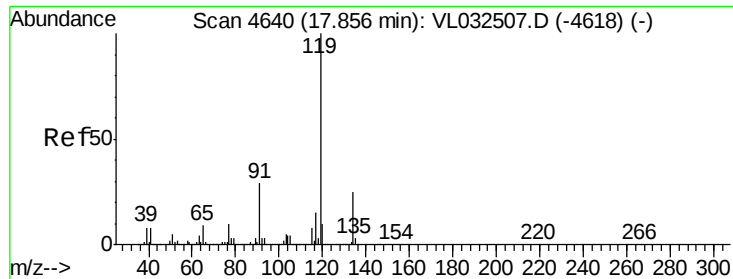
Tgt Ion: 105 Resp: 7787418
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.135 ppbv
 RT: 14.64 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 95 Resp: 3103405
 Ion Ratio Lower Upper
 95 100
 174 57.4 46.3 69.5
 175 4.2 3.4 5.0





#69

p-Isopropyltoluene

Concen: 8.191 ppbv

RT: 17.87 min Scan# 5220

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

DFTPP

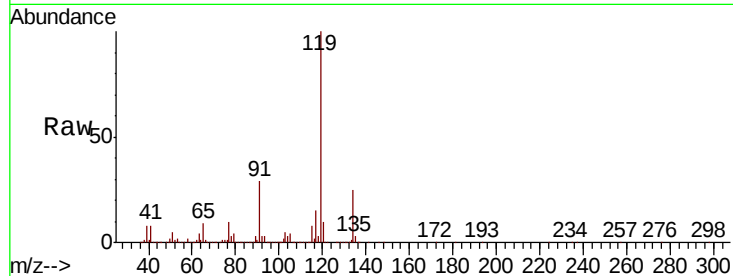
Tgt Ion: 119 Resp: 6227790

Ion Ratio Lower Upper

119 100

134 25.3 20.4 30.6

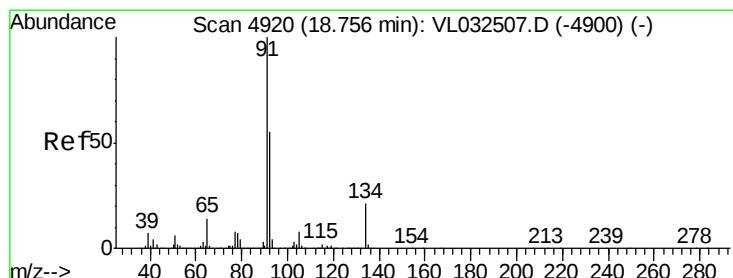
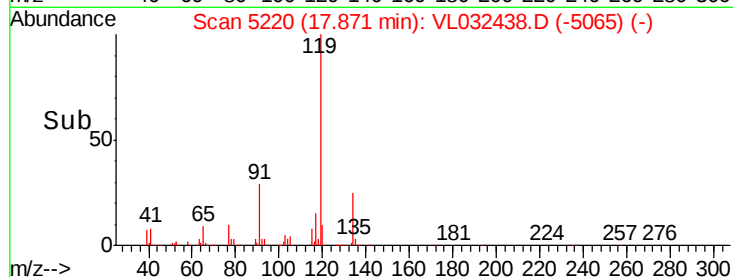
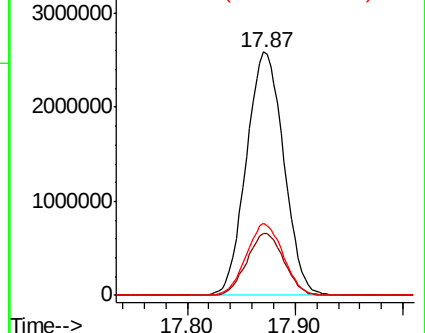
91 29.2 23.4 35.2



Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#70

n-Butylbenzene

Concen: 8.048 ppbv

RT: 18.77 min Scan# 5499

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

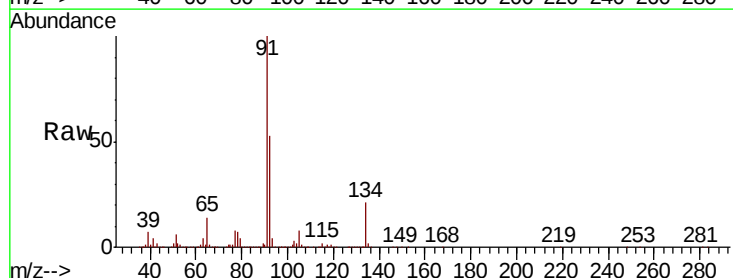
Tgt Ion: 91 Resp: 6936028

Ion Ratio Lower Upper

91 100

92 54.7 43.8 65.8

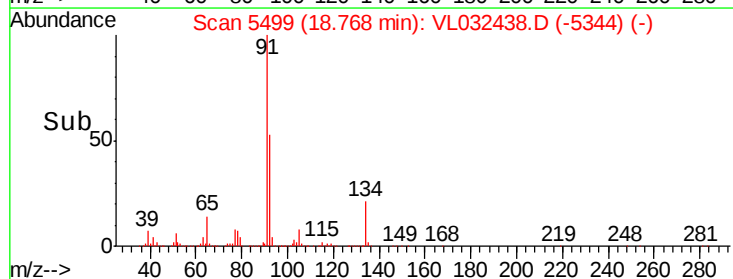
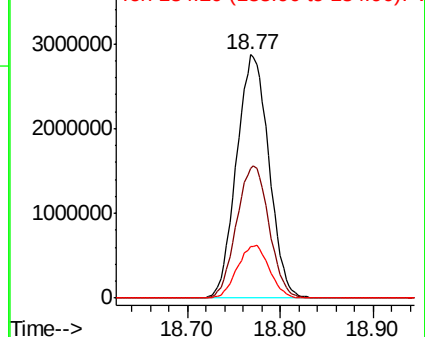
134 21.4 17.4 26.0

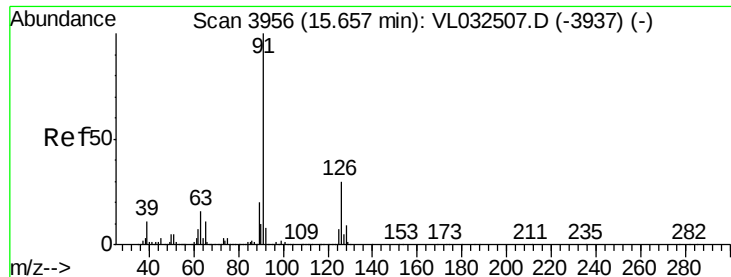


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 8.504 ppbv

RT: 15.67 min Scan# 4537

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

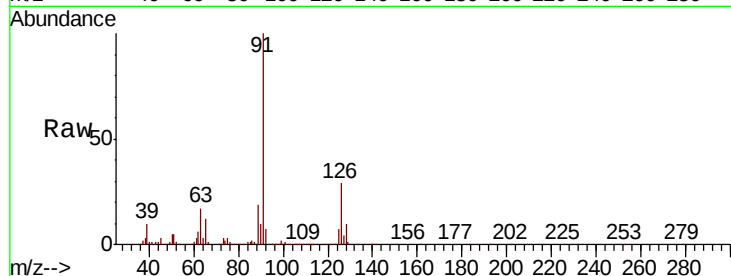
DFTPP

Tgt Ion: 91 Resp: 4918303

Ion Ratio Lower Upper

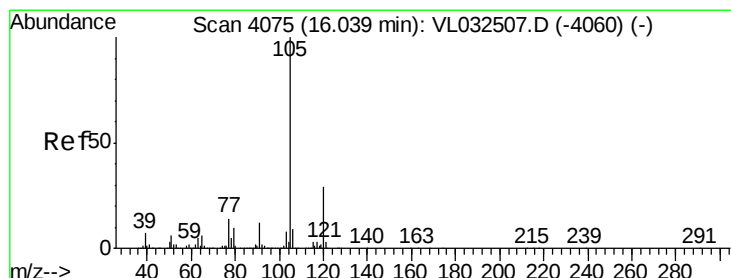
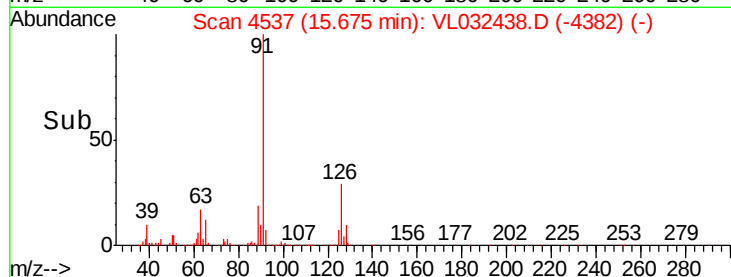
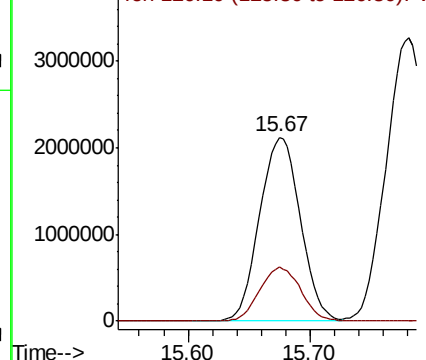
91 100

126 29.5 11.9 47.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 8.788 ppbv

RT: 16.06 min Scan# 4656

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Tgt Ion: 105 Resp: 5166649

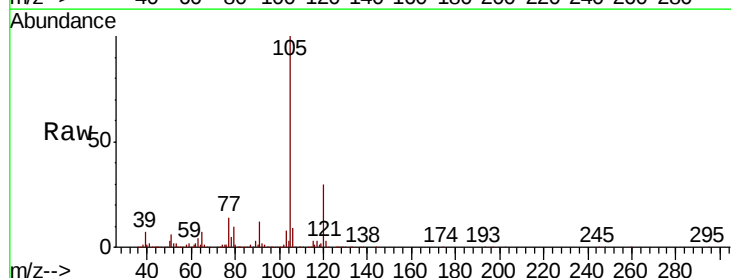
Ion Ratio Lower Upper

105 100

120 29.2 23.5 35.3

91 12.6 10.2 15.2

77 14.1 11.1 16.7

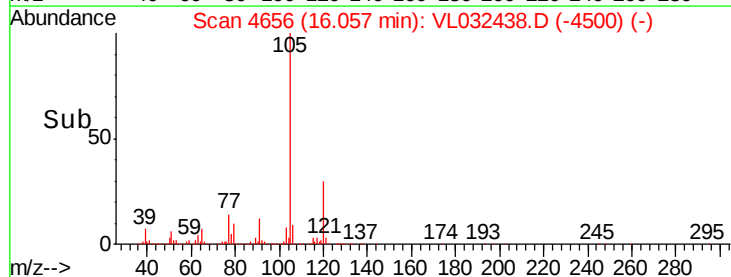
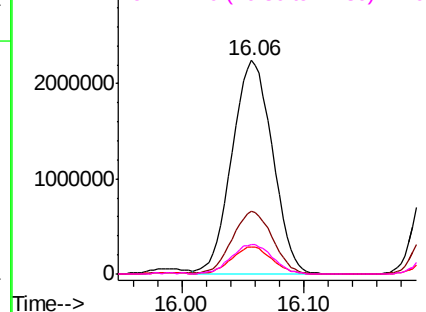


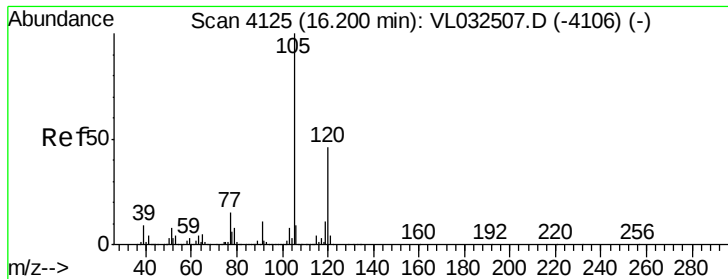
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#73

1,3,5-Trimethylbenzene

Concen: 8.324 ppbv

RT: 16.22 min Scan# 4706

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

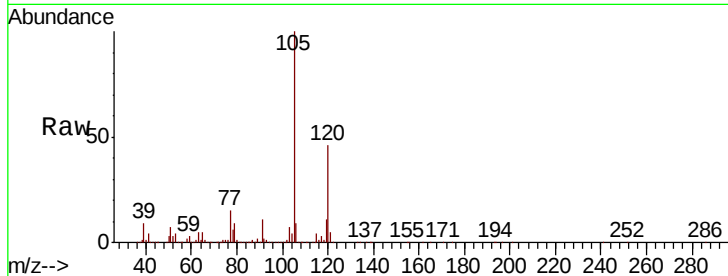
DFTPP

Tgt Ion:105 Resp: 4902936

Ion Ratio Lower Upper

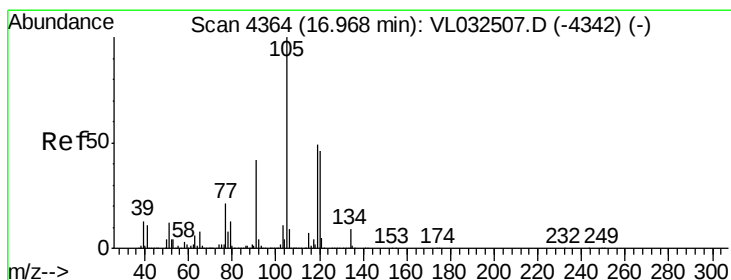
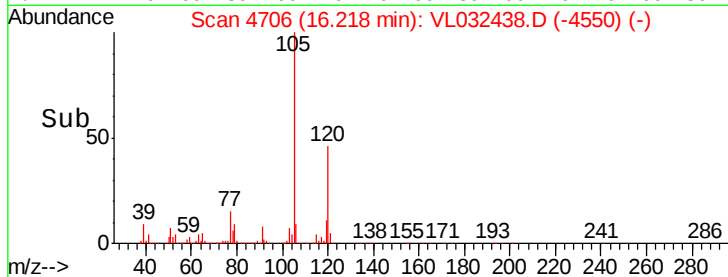
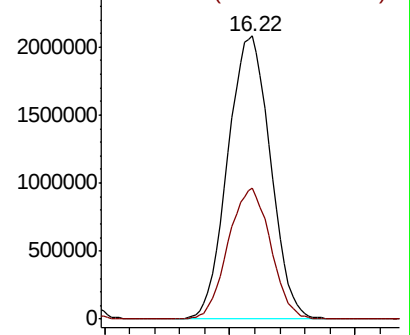
105 100

120 46.1 37.9 56.9



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 7.559 ppbv

RT: 16.99 min Scan# 4945

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Tgt Ion:105 Resp: 4867683

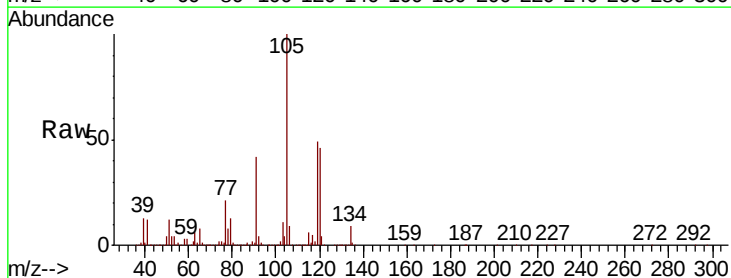
Ion Ratio Lower Upper

105 100

120 46.3 37.8 56.8

91 41.6 41.4 62.0

77 21.4 18.6 28.0

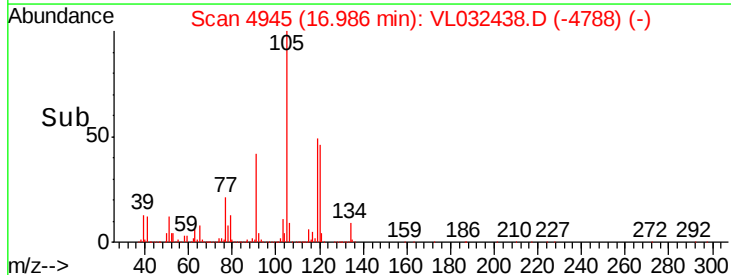
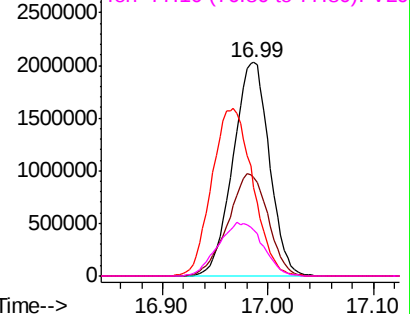


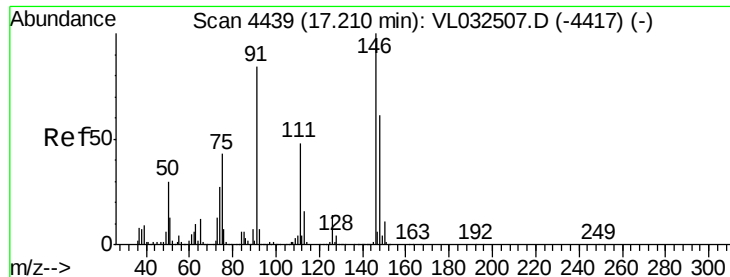
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#75

1,3-Dichlorobenzene

Concen: 7.262 ppbv

RT: 17.22 min Scan# 5019

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

DFTPP

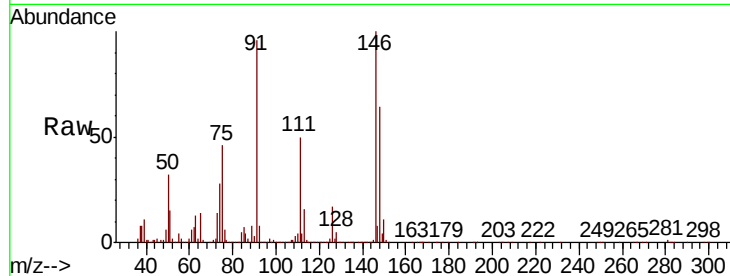
Tgt Ion:146 Resp: 2774769

Ion Ratio Lower Upper

146 100

111 49.2 24.5 73.5

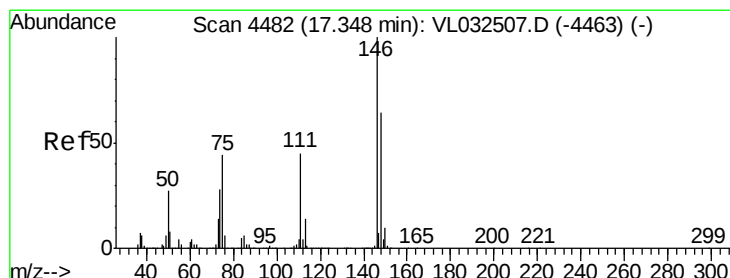
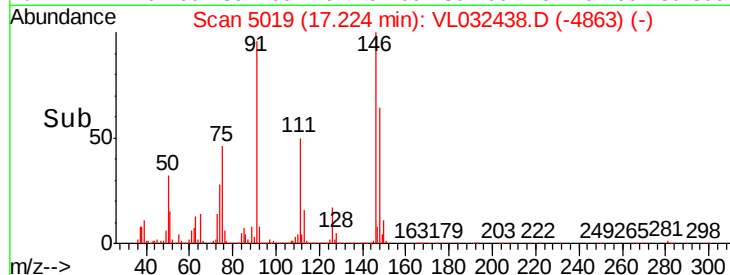
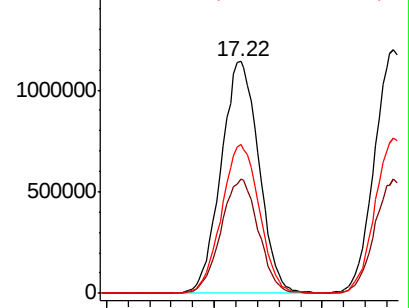
148 64.3 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.942 ppbv

RT: 17.37 min Scan# 5063

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

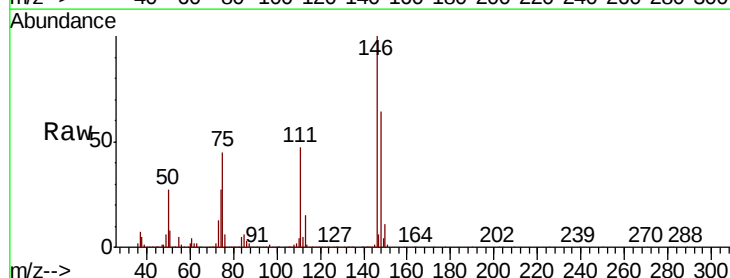
Tgt Ion:146 Resp: 2815588

Ion Ratio Lower Upper

146 100

111 46.8 23.4 70.2

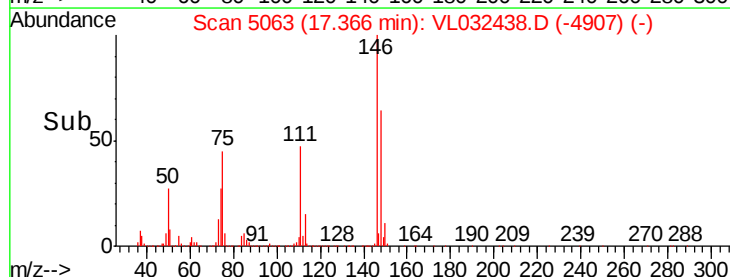
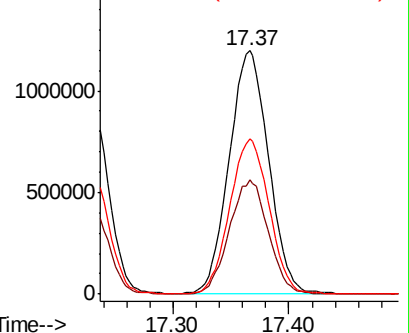
148 64.1 32.0 96.2

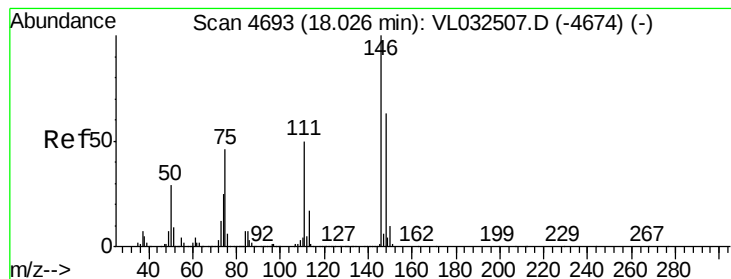


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 7.541 ppbv

RT: 18.05 min Scan# 5275

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

DFTPP

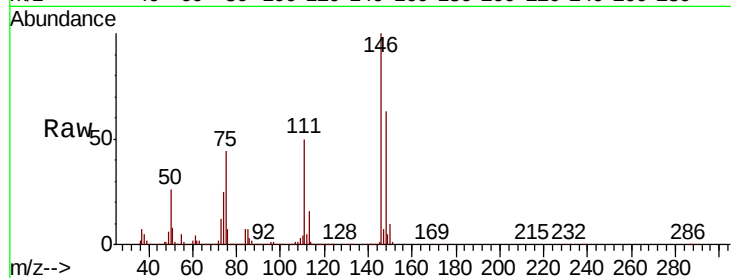
Tgt Ion:146 Resp: 2779933

Ion Ratio Lower Upper

146 100

111 50.0 24.9 74.8

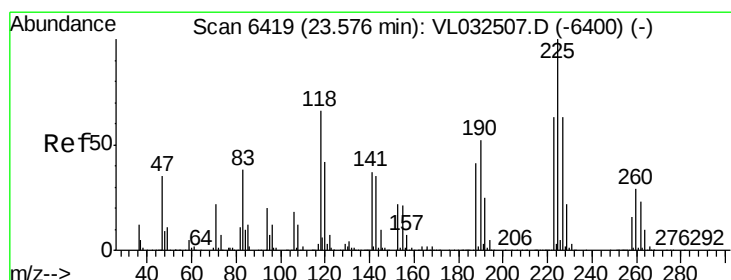
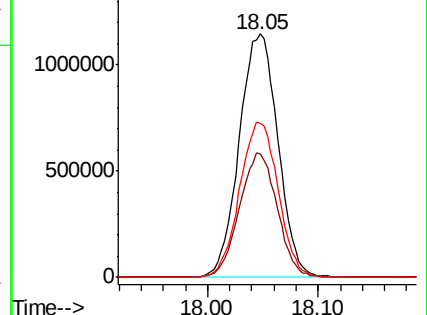
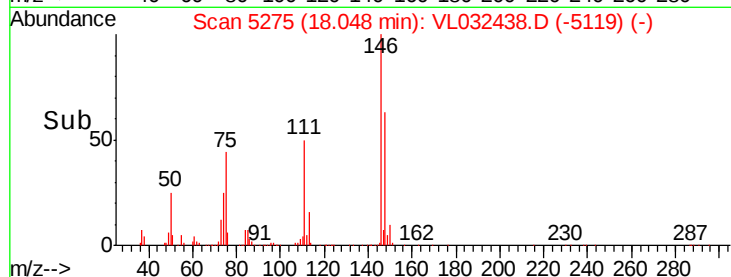
148 63.8 32.0 96.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 6.894 ppbv

RT: 23.59 min Scan# 7000

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

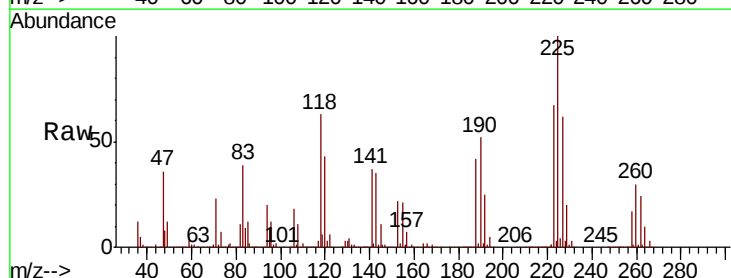
Tgt Ion:225 Resp: 949579

Ion Ratio Lower Upper

225 100

223 111.9 50.6 76.0#

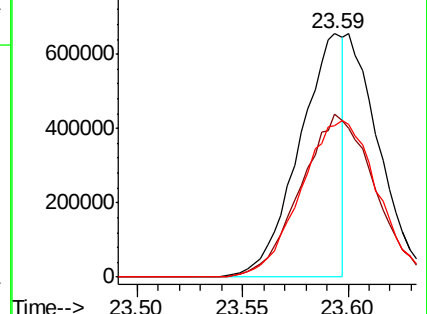
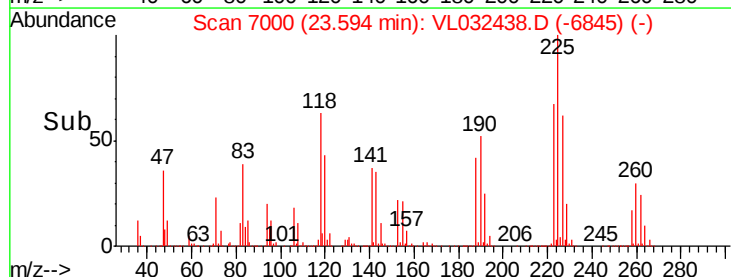
227 0.0 51.2 76.8#

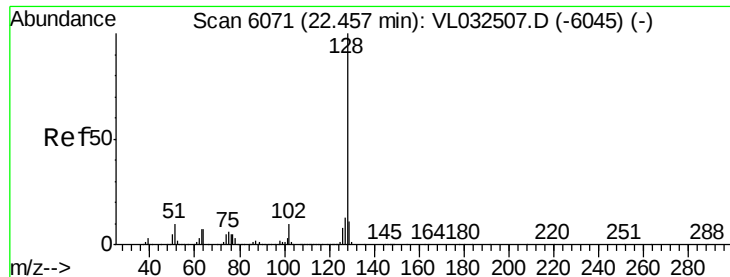


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 9.109 ppbv

RT: 22.48 min Scan# 6652

Delta R.T. -0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

Instrument :

MSVOA_V

ClientSampleId :

DFTPP

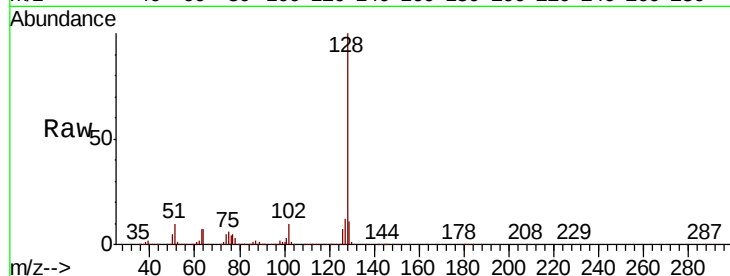
Tgt Ion:128 Resp: 4769679

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

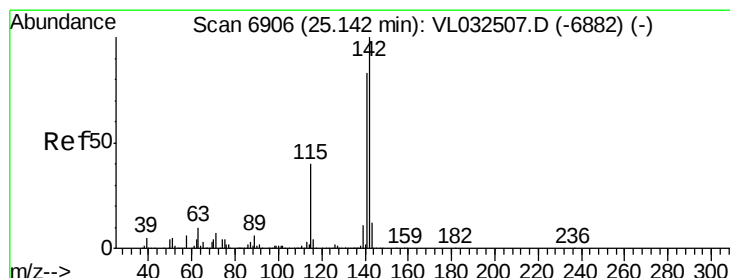
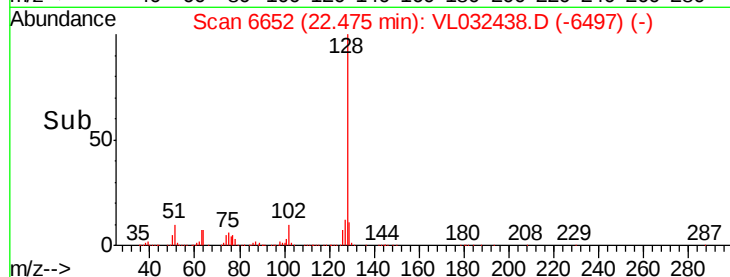
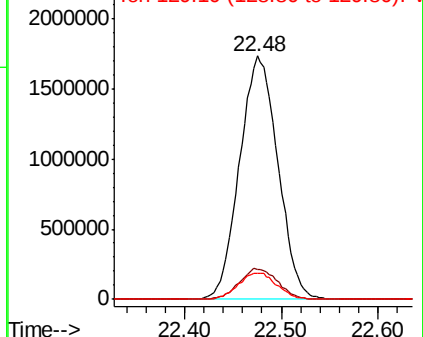
129 10.9 8.5 12.7



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 13.486 ppbv

RT: 25.15 min Scan# 7485

Delta R.T. 0.00 min

Lab File: VL032438.D

Acq: 31 Aug 2018 5:44

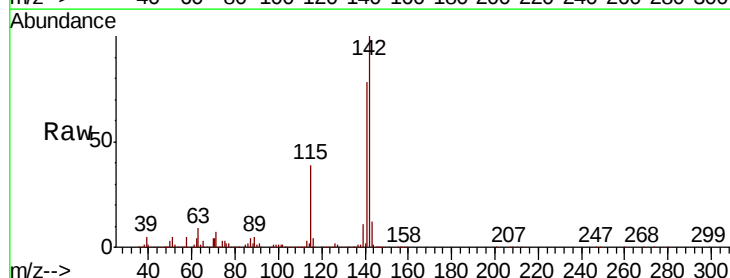
Tgt Ion:142 Resp: 1879070

Ion Ratio Lower Upper

142 100

141 83.6 67.0 100.6

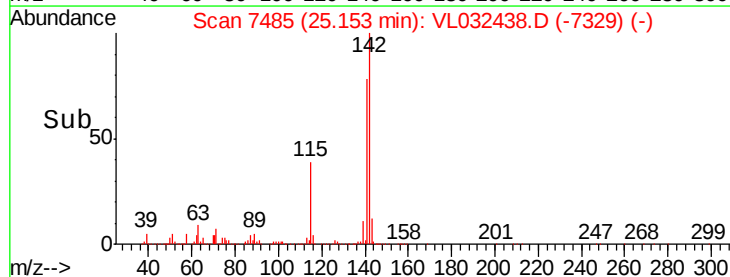
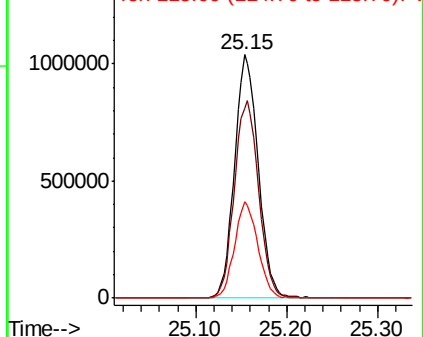
115 39.2 31.3 46.9

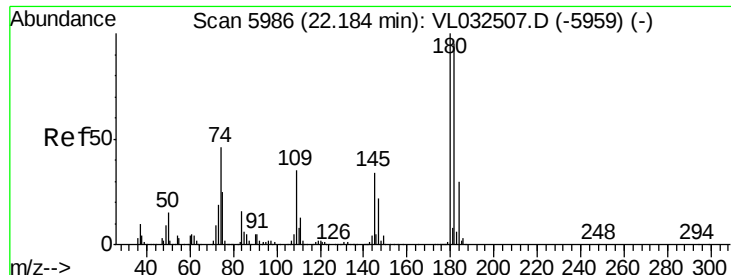


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 8.541 ppbv
 RT: 22.20 min Scan# 6567
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Instrument :
 MSVOA_V
 ClientSampleId :
 DFTPP

Tgt Ion:180 Resp: 2252531
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.1 114.1
 184 30.1 23.8 35.8

