

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
 Data File : VL031851.D
 Acq On : 12 Apr 2018 00:18
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 12 15:20:49 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Apr 12 04:56:47 2018
 QLast Update : Thu Apr 12 15:19:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.89	49	1243729	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.43	114	2869326	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	3575854	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.73	95	2378457	8.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.70%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.16	85	2120910	8.268	ppbv 97
3) Chlorodifluoromethane	3.10	51	1335381	9.231	ppbv 97
4) Chloromethane	3.26	50	688570	9.325	ppbv 95
5) Vinyl Chloride	3.38	62	723215	8.698	ppbv 95
6) Bromomethane	3.61	94	508146	9.299	ppbv 96
7) Chloroethane	3.70	64	295339	8.910	ppbv 95
8) Dichlorotetrafluoroethane	3.31	85	1880250	8.927	ppbv 100
9) Propene	3.12	41	506036	10.118	ppbv 99
10) Heptane	8.39	43	1647212	10.151	ppbv 100
11) Trichlorofluoromethane	4.11	101	2186497	8.694	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.67	101	1420543	8.692	ppbv 99
13) Ethanol	3.75	45	136478	8.040	ppbv 100
14) Bromoethene	3.89	108	567958	9.216	ppbv 100
15) Acetone	4.00	43	1588499	8.299	ppbv 100
16) 1,3-Butadiene	3.46	39	711468	10.045	ppbv 94
17) tert-Butyl alcohol	4.47	59	762419	9.638	ppbv 100
18) 1,1-Dichloroethene	4.46	96	633311	9.020	ppbv 98
19) Isopropyl Alcohol	4.13	45	978080	9.148	ppbv # 99
20) Methylene Chloride	4.52	84	590877	8.475	ppbv 98
21) Allyl Chloride	4.59	41	1024668	9.370	ppbv 98
22) trans-1,2-Dichloroethene	5.08	96	667188	9.168	ppbv 99
23) Vinyl Acetate	5.28	43	1865576	9.611	ppbv 99
24) 1,1-Dichloroethane	5.21	63	1670951	8.641	ppbv 99
25) Ethyl Acetate	5.90	43	2778921	9.308	ppbv 100
26) Hexane	5.91	57	1315929	9.453	ppbv 99
27) Carbon Disulfide	4.74	76	1775162	9.823	ppbv 99
28) Methyl tert-Butyl Ether	5.23	73	1633005	9.534	ppbv 99
29) Chloroform	5.98	83	2104124	8.918	ppbv 98
30) Cyclohexane	7.39	84	1015496	10.216	ppbv 99
31) cis-1,2-Dichloroethene	5.77	61	1227375	9.734	ppbv 94
32) 1,1,1-Trichloroethane	6.76	97	2101121	9.143	ppbv 99
34) 2-Butanone	5.45	43	1793733	9.011	ppbv 100
35) Carbon Tetrachloride	7.27	117	2166061	8.692	ppbv 96
36) Benzene	7.14	78	2484019	9.625	ppbv 96
37) 1,2-Dichloroethane	6.55	62	1750115	9.114	ppbv 98
38) Trichloroethene	8.10	130	976921	9.325	ppbv 96
39) 1,2-Dichloropropane	7.88	63	901383	9.395	ppbv 96
40) 1,4-Dioxane	8.09	88	392790	10.087	ppbv 99
41) Tetrahydrofuran	6.28	42	905019	9.823	ppbv 99
42) Bromodichloromethane	8.06	83	2147821	9.348	ppbv 100
43) Methyl Methacrylate	8.28	69	931531	10.257	ppbv 98

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
 Data File : VL031851.D
 Acq On : 12 Apr 2018 00:18
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 12 15:20:49 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Apr 12 04:56:47 2018
 QLast Update : Thu Apr 12 15:19:08 2018
 Response via : Initial Calibration

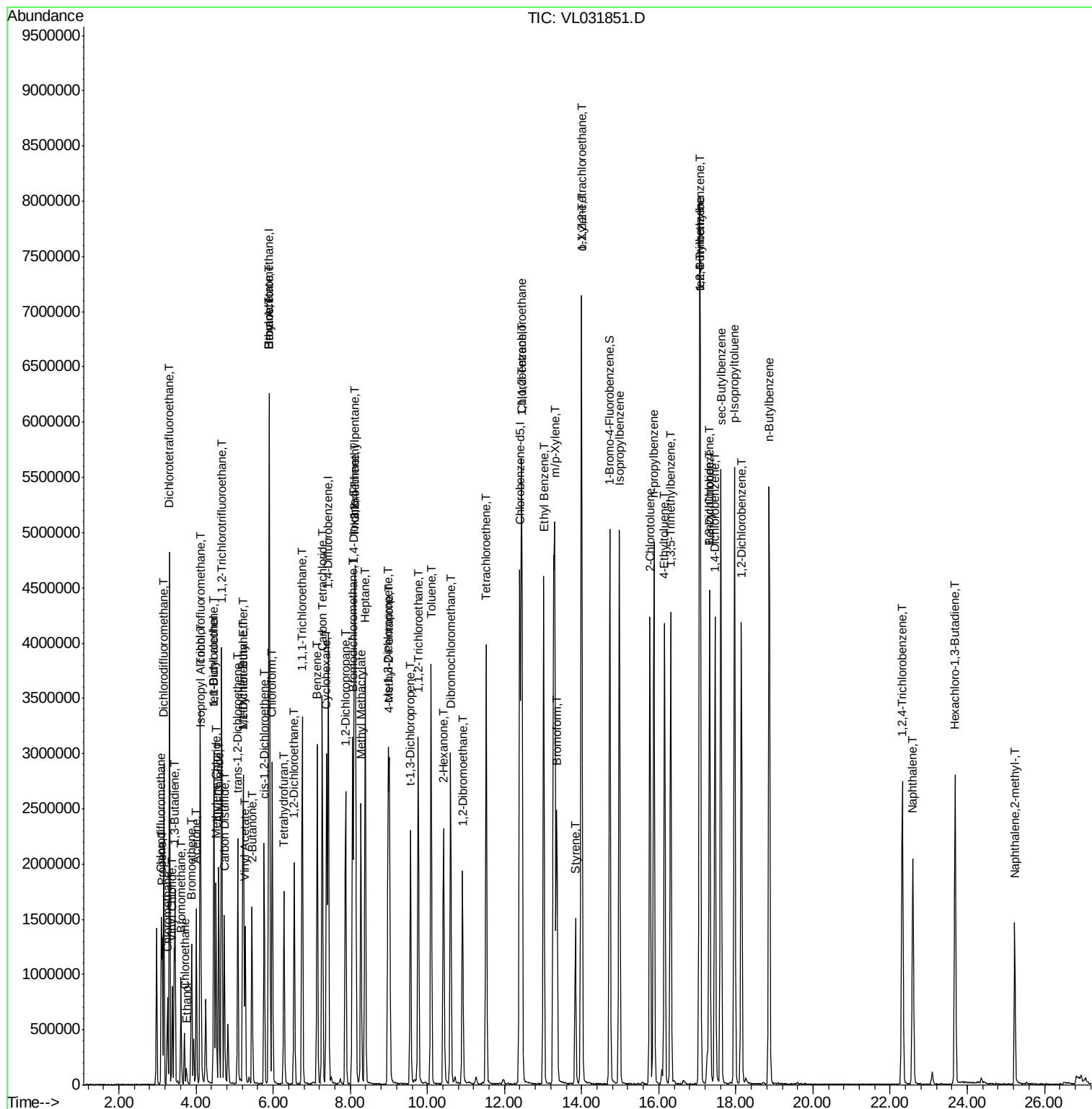
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	8.13	57	4225306	9.506	ppbv	99
45) t-1,3-Dichloropropene	9.56	75	1316637	11.178	ppbv	98
46) cis-1,3-Dichloropropene	8.98	75	1621197	10.769	ppbv	97
47) 1,1,2-Trichloroethane	9.76	97	1074372	9.422	ppbv	99
48) Dibromochloromethane	10.60	129	1826989	9.914	ppbv	100
49) Bromoform	13.36	173	676074	5.343	ppbv #	19
50) 4-Methyl-2-Pentanone	9.02	43	2268132	9.956	ppbv	99
51) 2-Hexanone	10.42	43	2161945	10.857	ppbv #	100
52) Tetrachloroethene	11.52	164	930277	9.252	ppbv	96
53) Toluene	10.09	91	2987764	10.381	ppbv	100
54) 1,2-Dibromoethane	10.91	107	1604136	9.692	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.43	131	1260564	7.491	ppbv	100
57) Chlorobenzene	12.46	112	2279895	7.520	ppbv	99
58) Ethyl Benzene	13.02	91	4175072	8.407	ppbv	96
59) m/p-Xylene	13.30	91	3590164	8.326	ppbv #	100
60) o-Xylene	14.00	91	3518685	8.164	ppbv	99
61) Styrene	13.84	104	826058	10.065	ppbv	100
62) Isopropylbenzene	14.98	105	4449761	8.038	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.99	83	2365604	7.139	ppbv	99
64) n-propylbenzene	15.88	120	1103676	8.201	ppbv	99
65) tert-Butylbenzene	17.06	119	3828841	8.041	ppbv	100
66) Benzyl Chloride	17.31	91	376721	8.781	ppbv	100
67) sec-Butylbenzene	17.61	105	5443399	7.936	ppbv	100
69) p-Isopropyltoluene	17.96	119	4393189	8.262	ppbv	99
70) n-Butylbenzene	18.86	91	4578414	8.269	ppbv	100
71) 2-Chlorotoluene	15.77	91	3331540	8.323	ppbv	100
72) 4-Ethyltoluene	16.15	105	3684473	8.365	ppbv	100
73) 1,3,5-Trimethylbenzene	16.31	105	3350878	8.311	ppbv	98
74) 1,2,4-Trimethylbenzene	17.08	105	3495202	7.766	ppbv	99
75) 1,3-Dichlorobenzene	17.32	146	2137880	7.745	ppbv	99
76) 1,4-Dichlorobenzene	17.46	146	2149684	8.028	ppbv	100
77) 1,2-Dichlorobenzene	18.14	146	2132108	7.844	ppbv	100
78) Hexachloro-1,3-Butadiene	23.68	225	732431	7.017	ppbv	99
79) Naphthalene	22.59	128	2460517	9.712	ppbv	99
80) Naphthalene, 2-methyl-	25.23	142	722829	14.616	ppbv	99
81) 1,2,4-Trichlorobenzene	22.31	180	1268397	9.024	ppbv	99

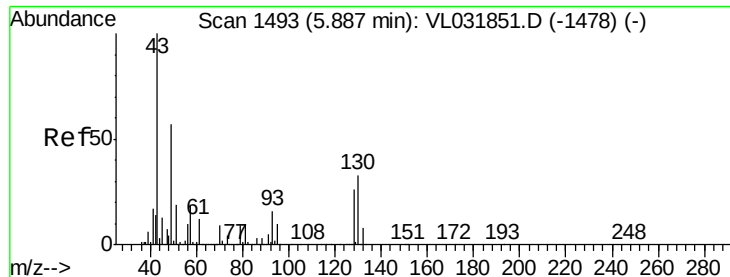
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\  
Data File : VL031851.D  
Acq On    : 12 Apr 2018  00:18  
Operator  : SY/AP  
Sample    : VSTDICCC010  
Misc      : 400ml/MSVOA L  
ALS Vial  : 1      Sample Multiplier: 1
```

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 12 15:20:49 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Apr 12 04:56:47 2018
Qlast Update : Thu Apr 12 15:19:08 2018
Response via : Initial Calibration

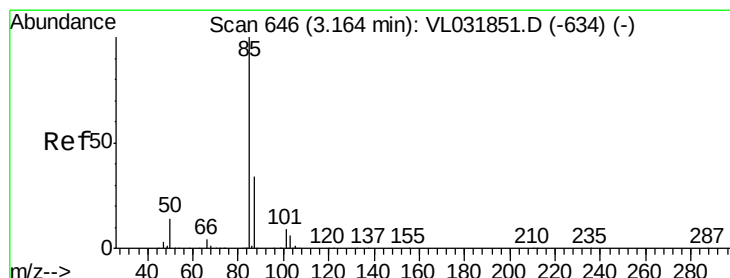
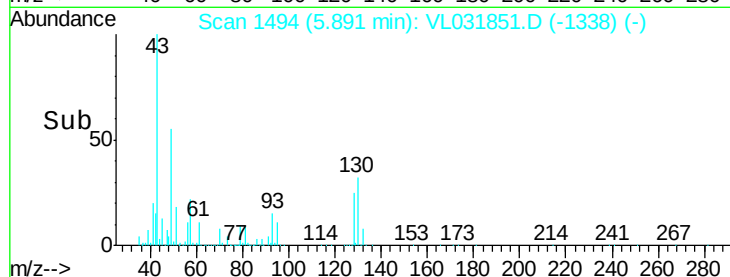
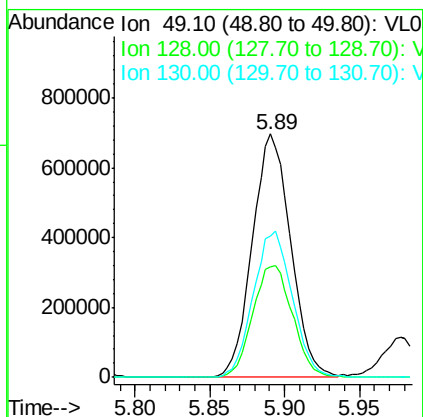
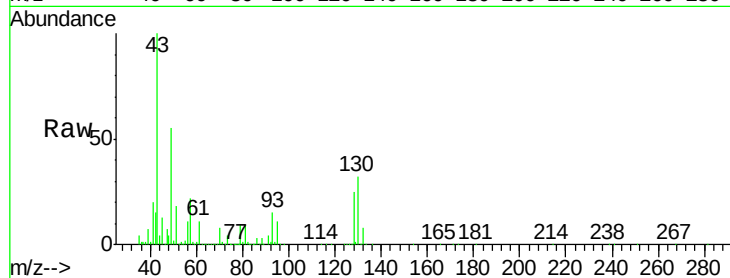




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.89 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

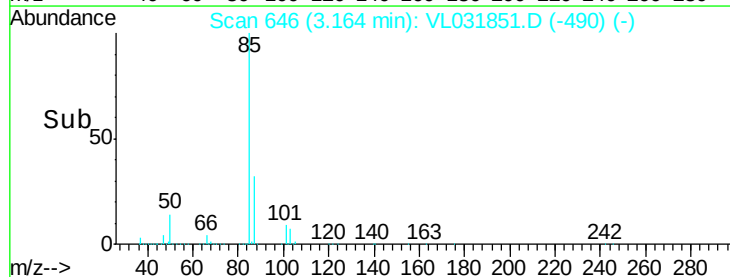
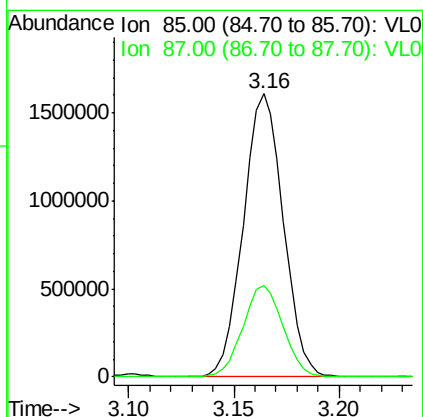
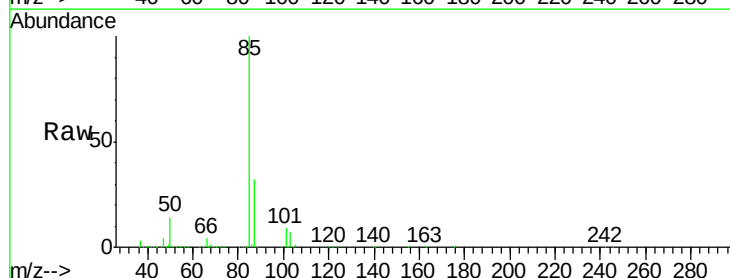
Instrument :
 MSVOA_L
 ClientSampleId :

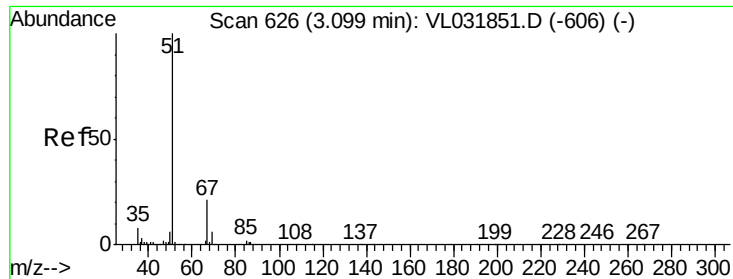
Tot Ion: 49 Resp: 1243729
 Ion Ratio Lower Upper
 49 100
 128 47.8 23.9 71.8
 130 61.5 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 8.268 ppbv
 RT: 3.16 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

Tgt Ion: 85 Resp: 2120910
 Ion Ratio Lower Upper
 85 100
 87 32.4 27.1 40.7

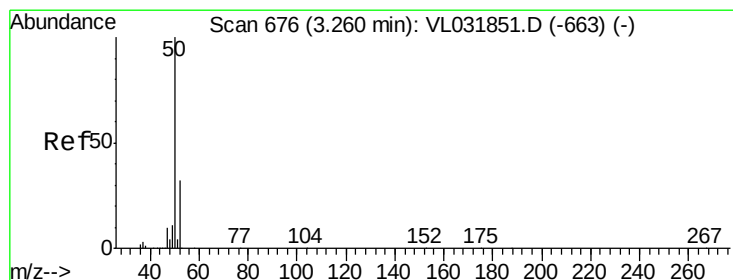
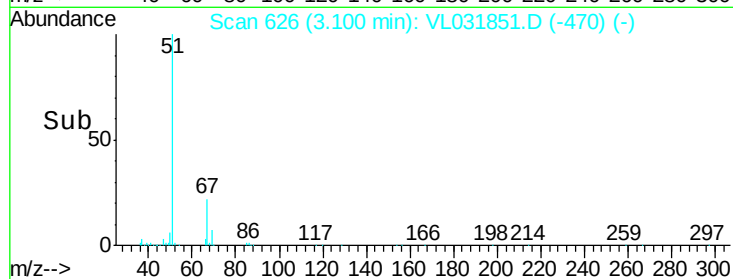
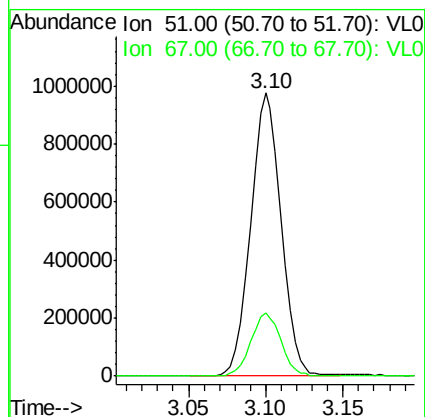
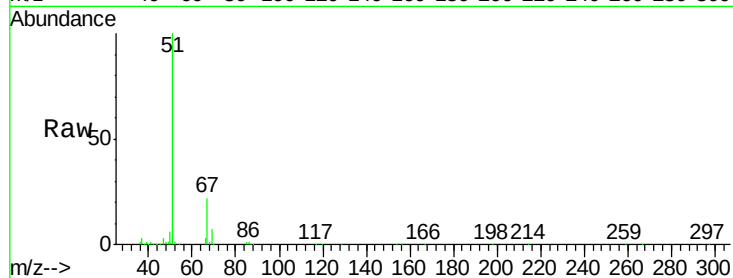




#3
 Chlorodifluoromethane
 Concen: 9.231 ppbv
 RT: 3.10 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

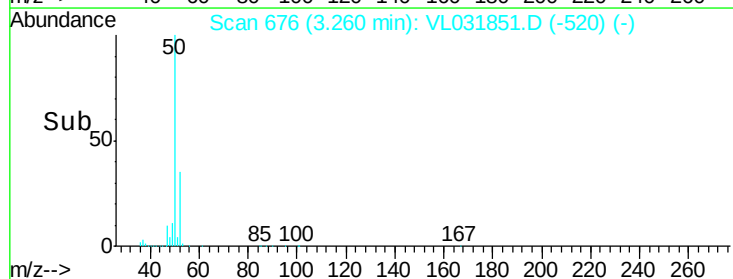
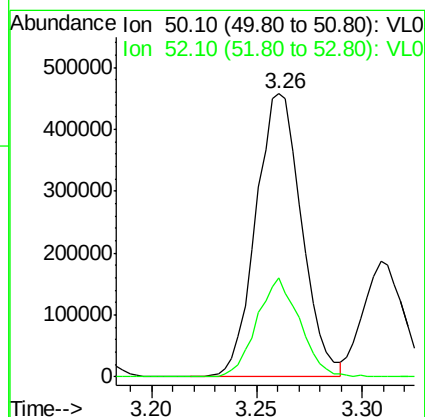
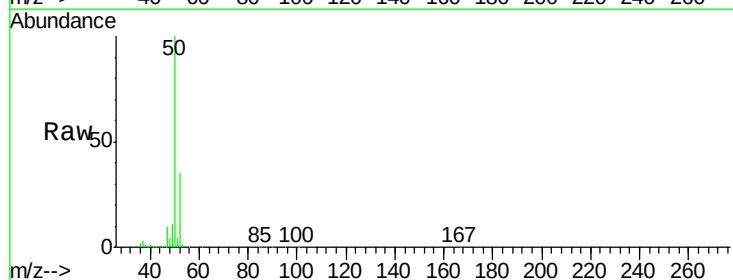
Instrument :
 MSVOA_L
 ClientSampleId :

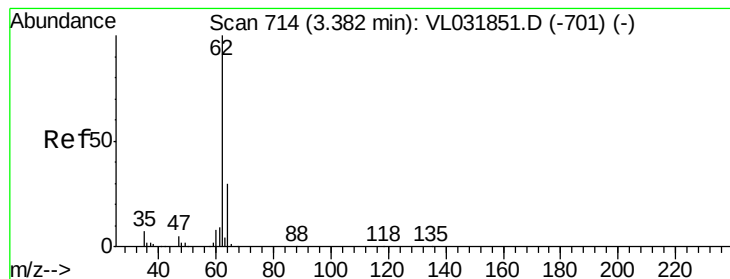
Tot Ion: 51 Resp: 1335381
 Ion Ratio Lower Upper
 51 100
 67 22.2 16.7 25.1



#4
 Chloromethane
 Concen: 9.325 ppbv
 RT: 3.26 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

Tgt Ion: 50 Resp: 688570
 Ion Ratio Lower Upper
 50 100
 52 35.1 26.0 39.0





#5

Vinyl Chloride

Concen: 8.698 ppbv

RT: 3.38 min Scan# 714

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

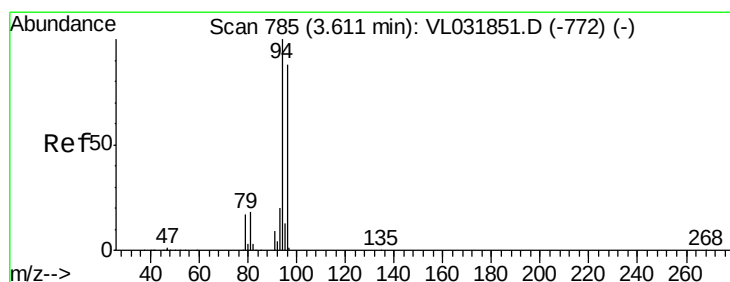
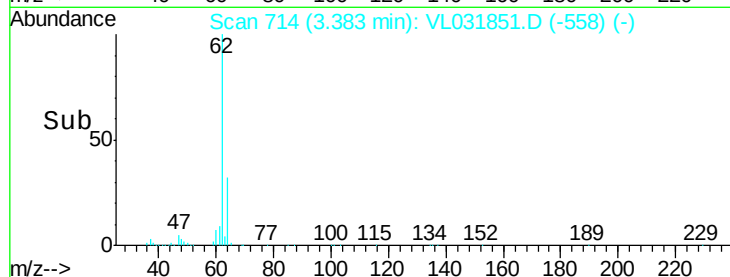
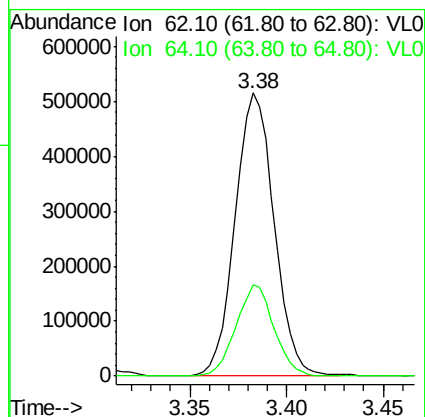
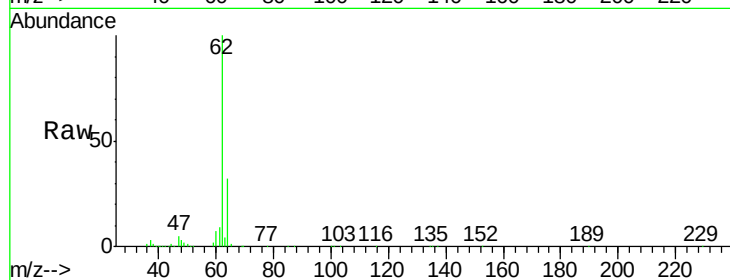
ClientSampleId :

Tot Ion: 62 Resp: 723215

Ion Ratio Lower Upper

62 100

64 32.4 23.8 35.8



#6

Bromomethane

Concen: 9.299 ppbv

RT: 3.61 min Scan# 785

Delta R.T. 0.00 min

Lab File: VL031851.D

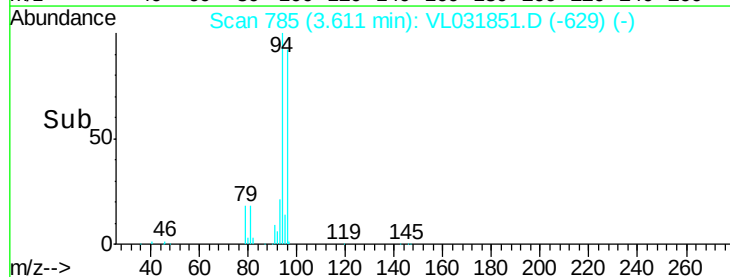
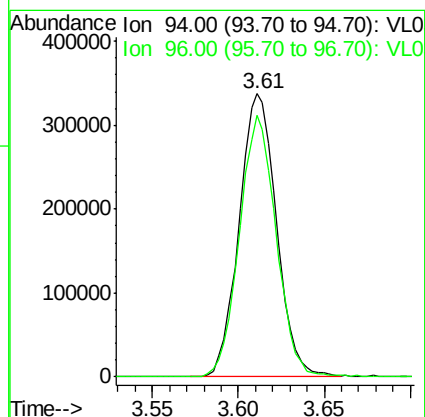
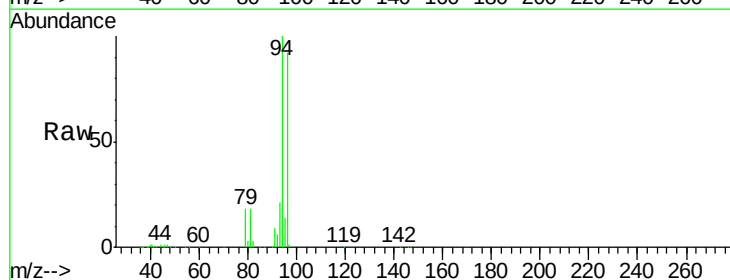
Acq: 12 Apr 2018 00:18

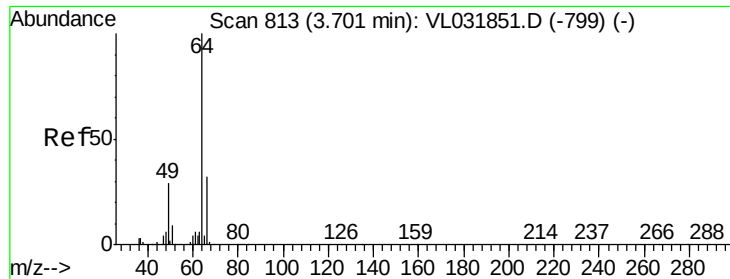
Tgt Ion: 94 Resp: 508146

Ion Ratio Lower Upper

94 100

96 92.2 70.6 105.8





#7

Chloroethane

Concen: 8.910 ppbv

RT: 3.70 min Scan# 812

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

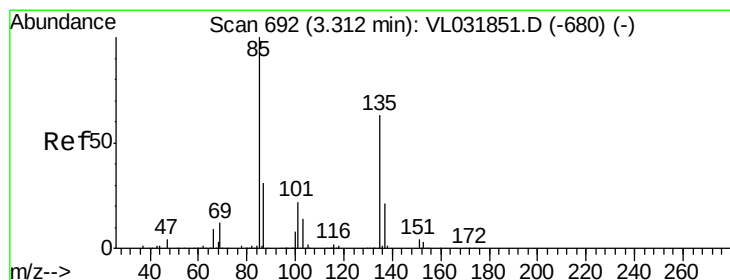
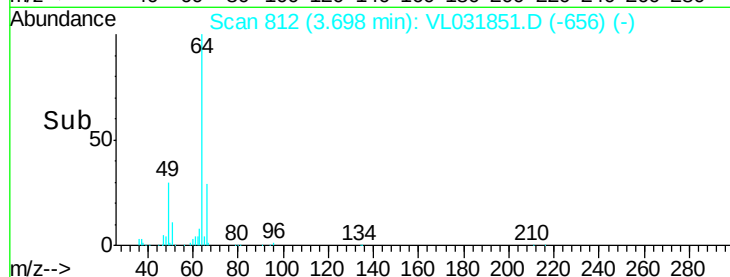
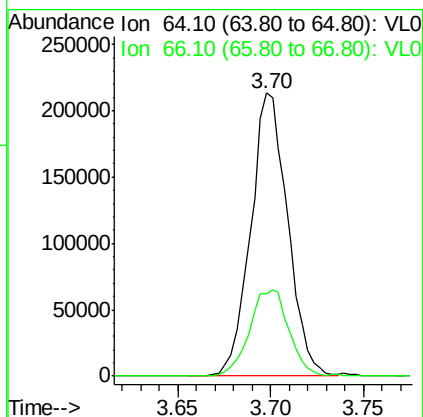
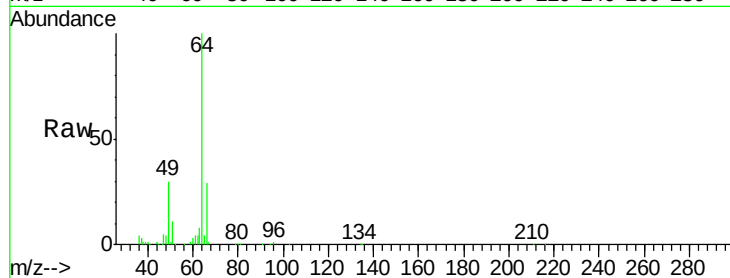
ClientSampleId :

Tot Ion: 64 Resp: 295339

Ion Ratio Lower Upper

64 100

66 29.2 25.5 38.3



#8

Dichlorotetrafluoroethane

Concen: 8.927 ppbv

RT: 3.31 min Scan# 692

Delta R.T. 0.00 min

Lab File: VL031851.D

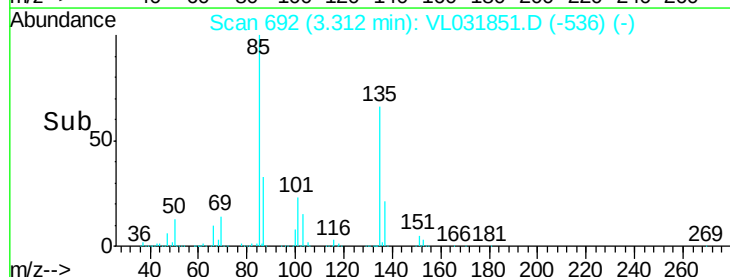
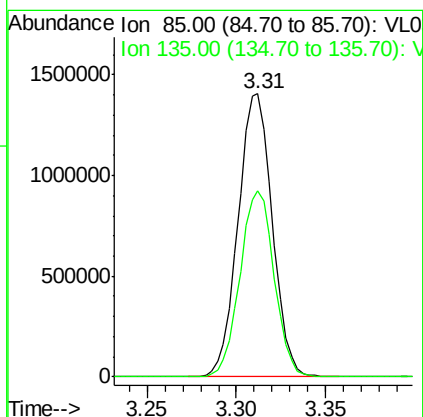
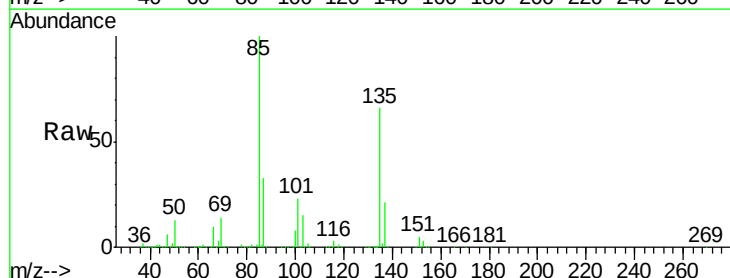
Acq: 12 Apr 2018 00:18

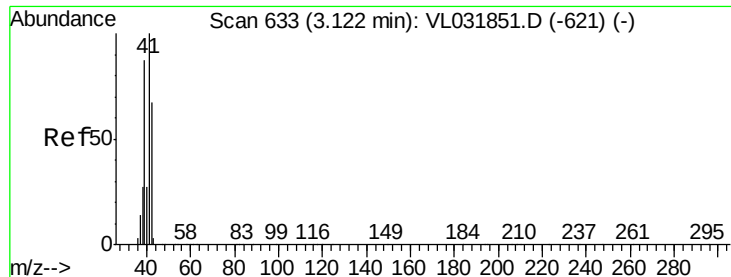
Tgt Ion: 85 Resp: 1880250

Ion Ratio Lower Upper

85 100

135 66.0 52.6 79.0





#9

Propene

Concen: 10.118 ppbv

RT: 3.12 min Scan# 633

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

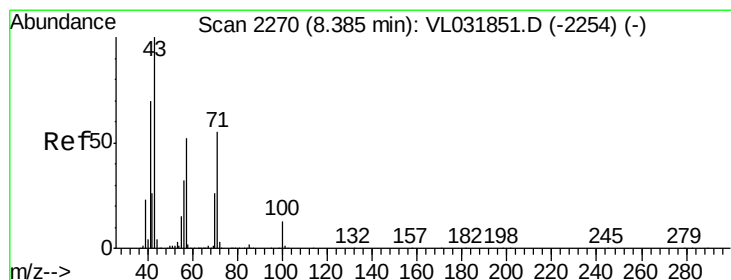
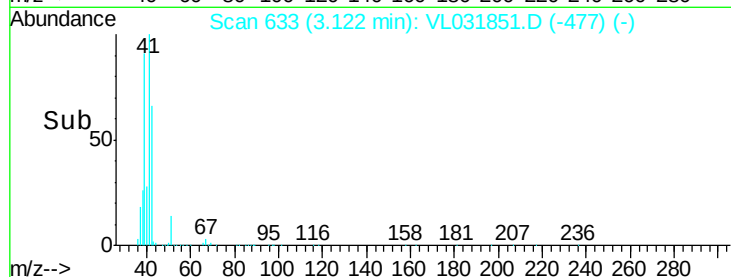
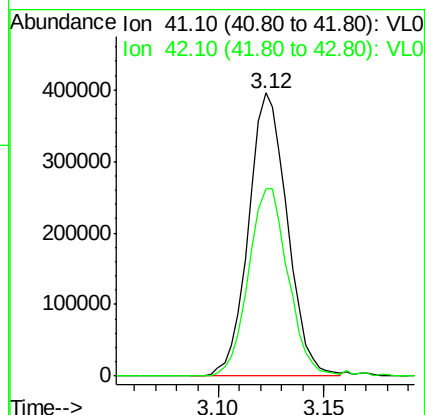
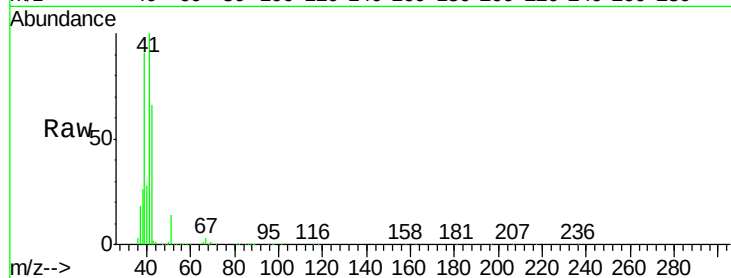
ClientSampleId :

Tot Ion: 41 Resp: 506036

Ion Ratio Lower Upper

41 100

42 68.8 54.3 81.5



#10

Heptane

Concen: 10.151 ppbv

RT: 8.39 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VL031851.D

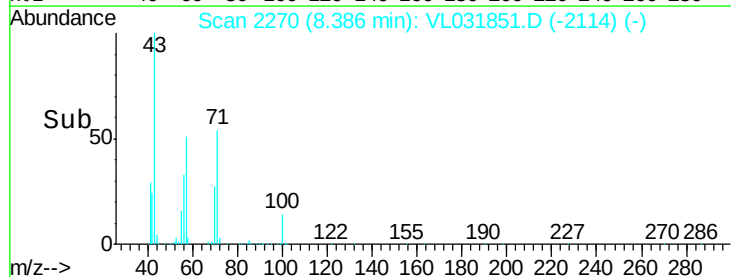
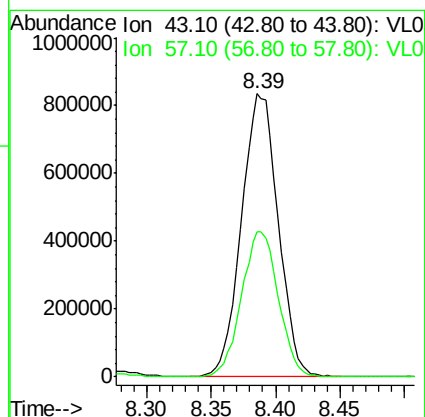
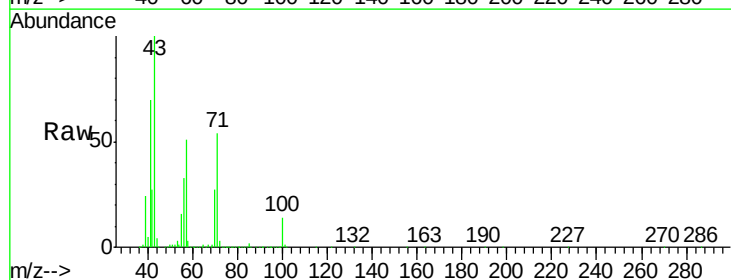
Acq: 12 Apr 2018 00:18

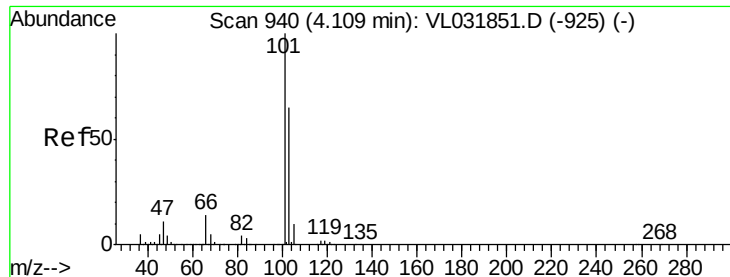
Tgt Ion: 43 Resp: 1647212

Ion Ratio Lower Upper

43 100

57 51.8 41.4 62.2

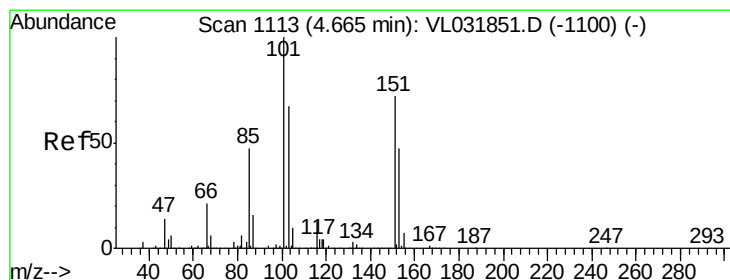
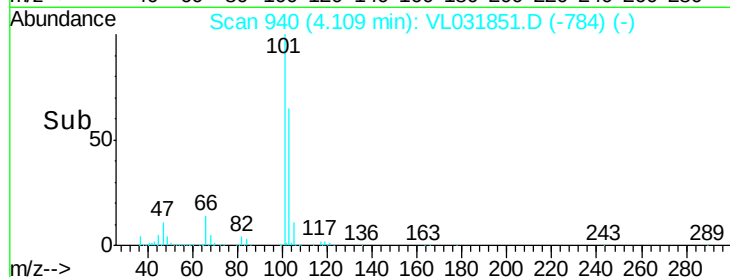
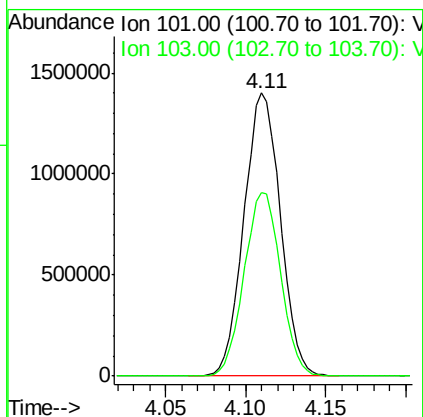
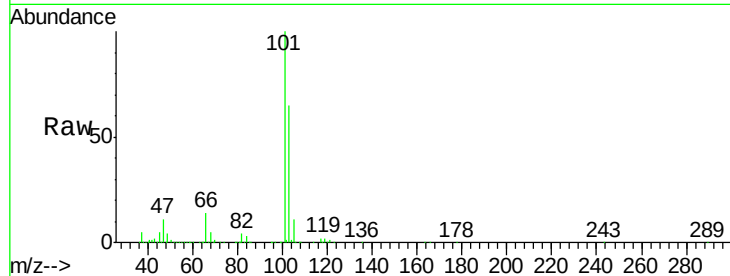




#11
 Trichlorofluoromethane
 Concen: 8.694 ppbv
 RT: 4.11 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

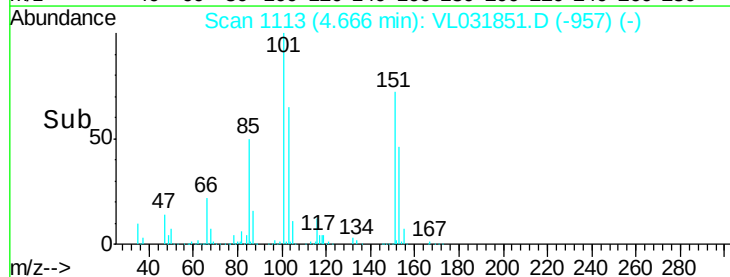
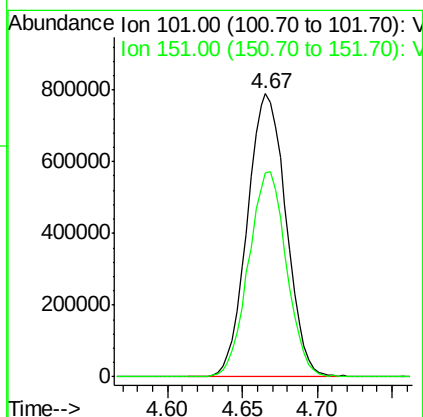
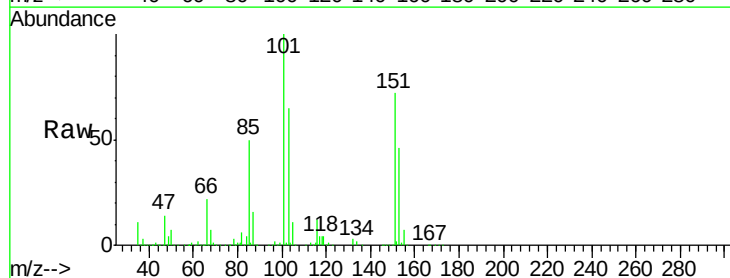
Instrument :
 MSVOA_L
 ClientSampleId :

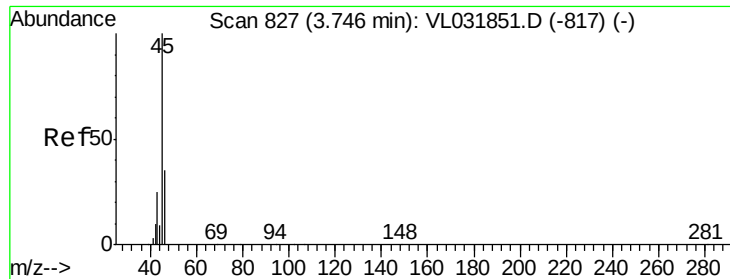
Tot Ion:101 Resp: 2186497
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.692 ppbv
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

Tgt Ion:101 Resp: 1420543
 Ion Ratio Lower Upper
 101 100
 151 71.5 57.7 86.5

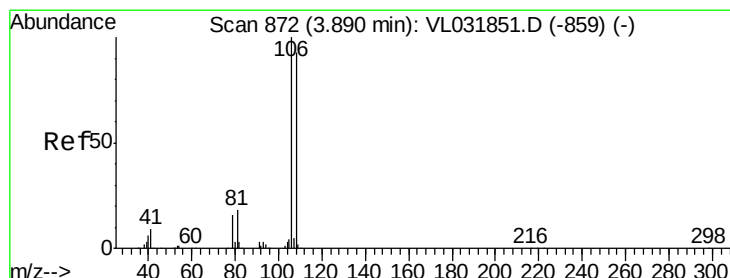
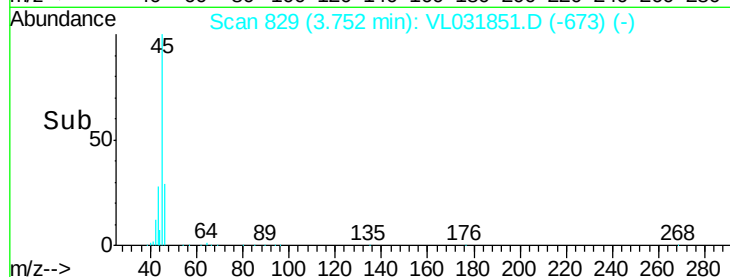
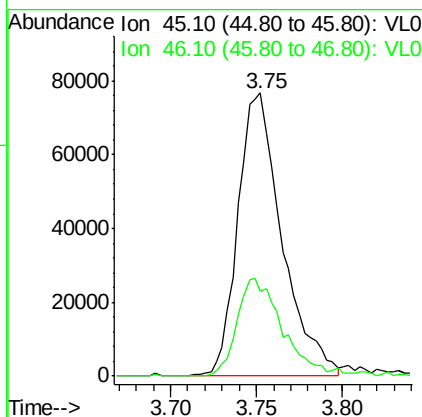
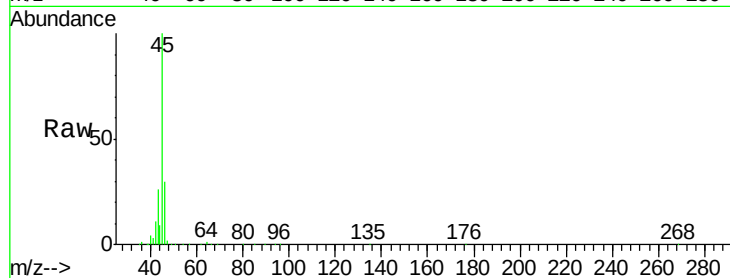




#13
Ethanol
Concen: 8.040 ppbv
RT: 3.75 min Scan# 829
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

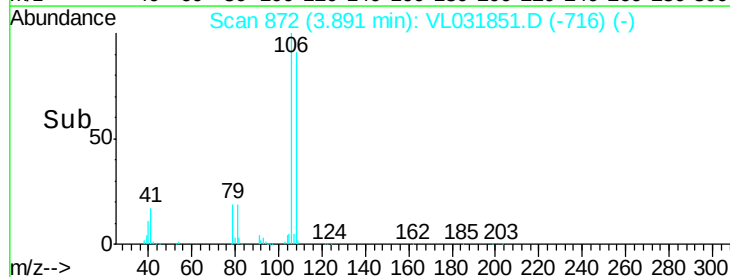
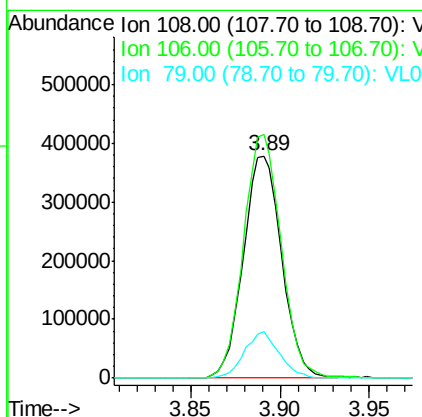
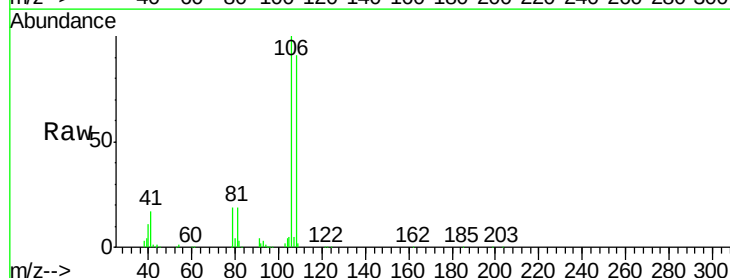
Instrument :
MSVOA_L
ClientSampleId :

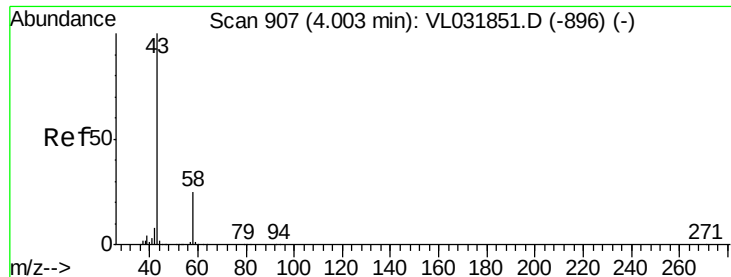
Tot Ion: 45 Resp: 136478
Ion Ratio Lower Upper
45 100
46 36.6 14.6 58.4



#14
Bromoethene
Concen: 9.216 ppbv
RT: 3.89 min Scan# 872
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

Tgt Ion: 108 Resp: 567958
Ion Ratio Lower Upper
108 100
106 108.1 86.9 130.3
79 19.5 15.5 23.3





#15

Acetone

Concen: 8.299 ppbv

RT: 4.00 min Scan# 907

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

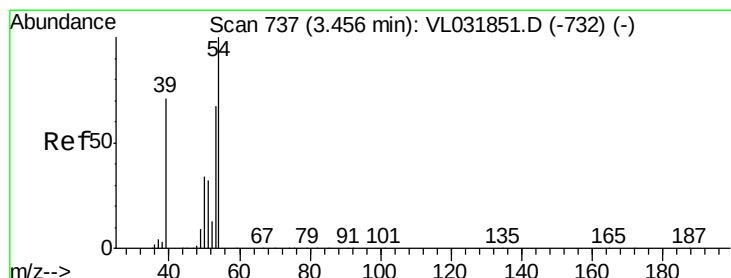
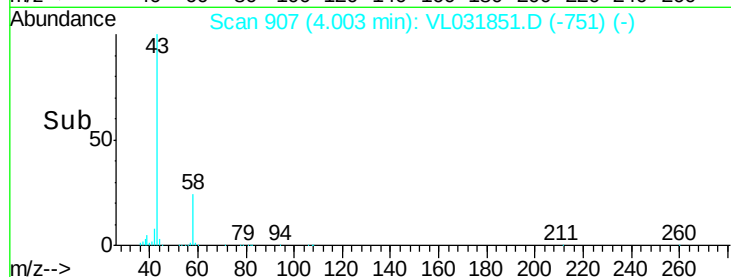
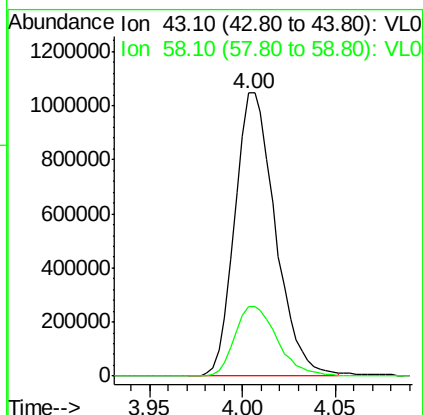
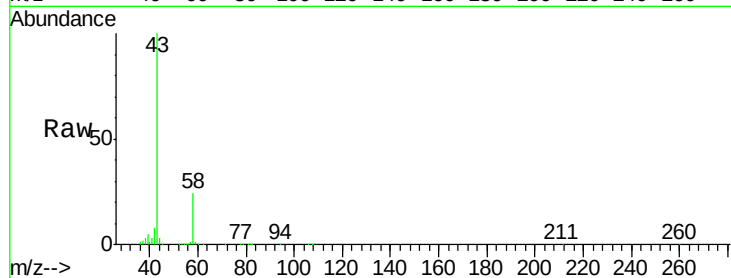
ClientSampleId :

Tot Ion: 43 Resp: 1588499

Ion Ratio Lower Upper

43 100

58 26.1 20.7 31.1



#16

1,3-Butadiene

Concen: 10.045 ppbv

RT: 3.46 min Scan# 737

Delta R.T. 0.00 min

Lab File: VL031851.D

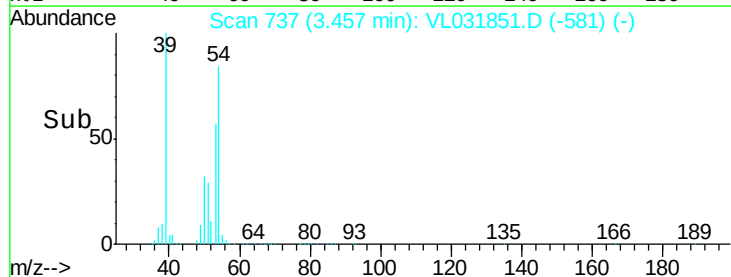
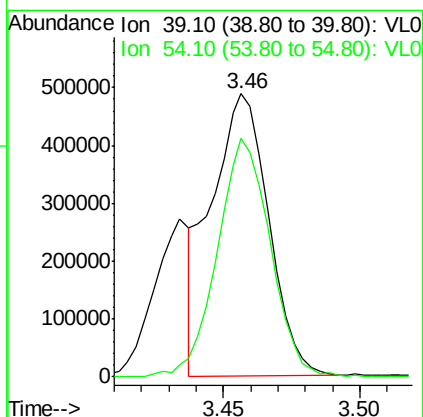
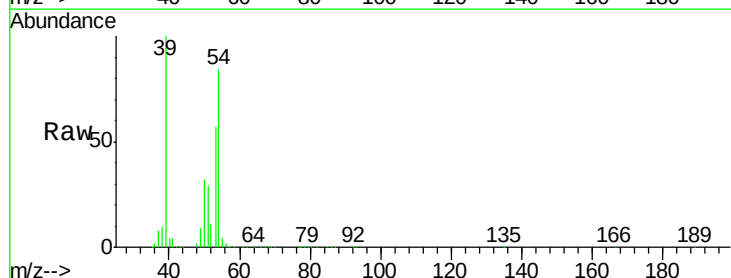
Acq: 12 Apr 2018 00:18

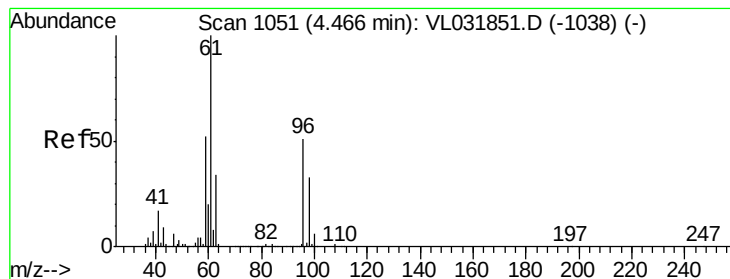
Tgt Ion: 39 Resp: 711468

Ion Ratio Lower Upper

39 100

54 79.0 67.5 101.3





#17

tert-Butyl alcohol

Concen: 9.638 ppbv

RT: 4.47 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

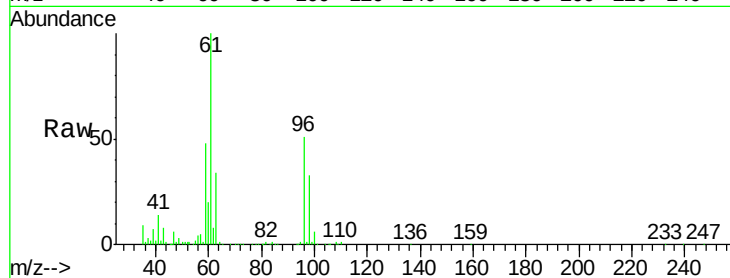
ClientSampleId :

Tot Ion: 59 Resp: 762419

Ion Ratio Lower Upper

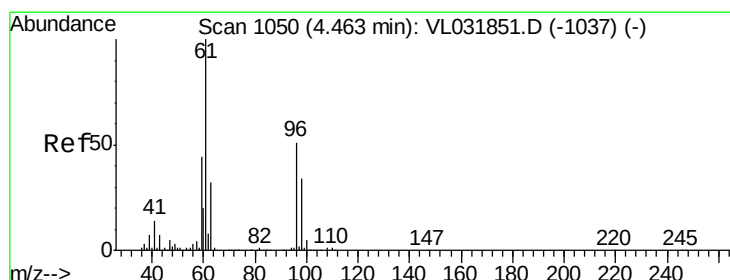
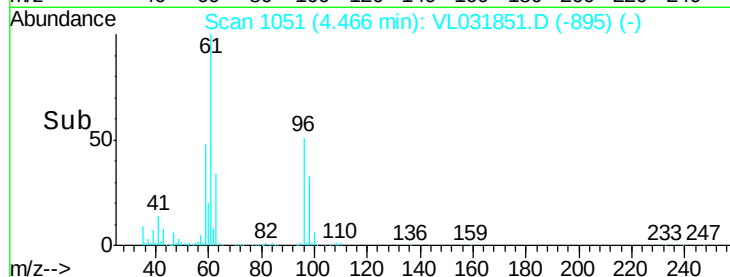
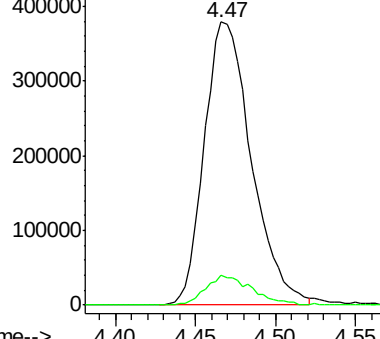
59 100

57 10.6 8.3 12.5



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene

Concen: 9.020 ppbv

RT: 4.46 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

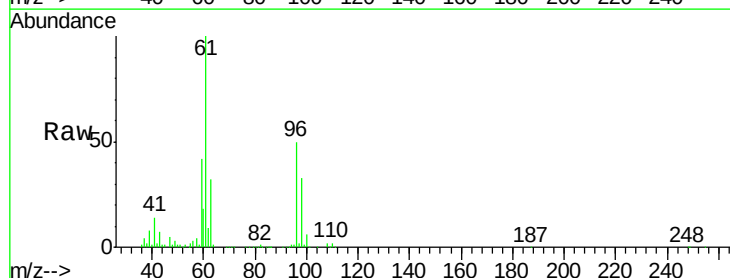
Tgt Ion: 96 Resp: 633311

Ion Ratio Lower Upper

96 100

61 201.3 157.2 235.8

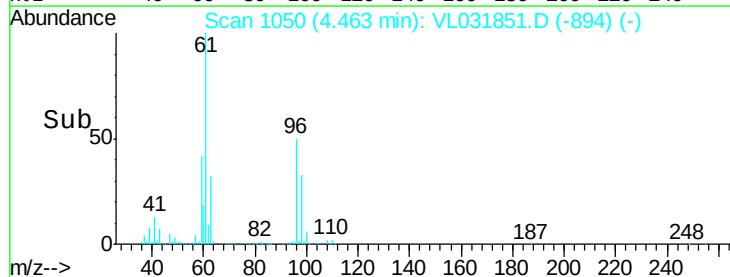
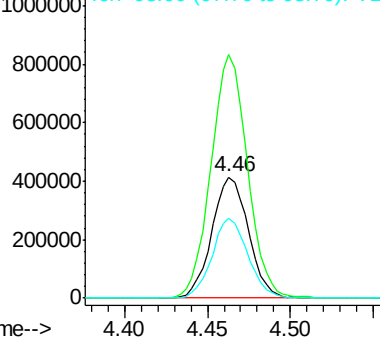
98 65.9 53.0 79.4

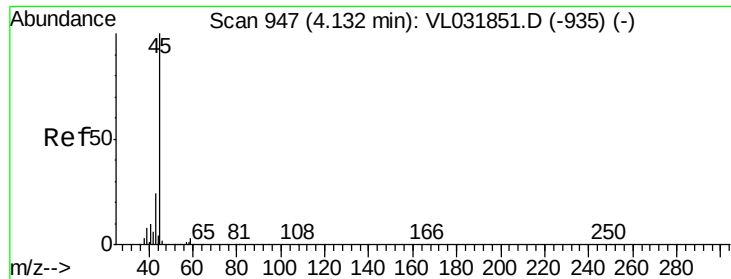


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



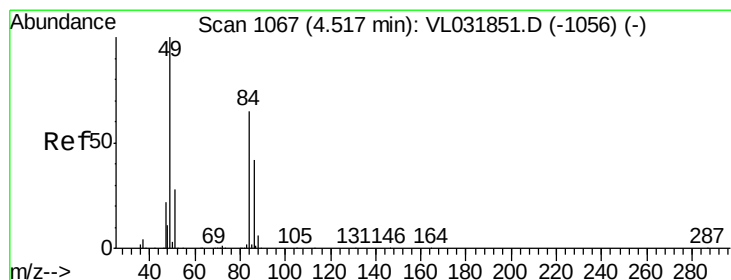
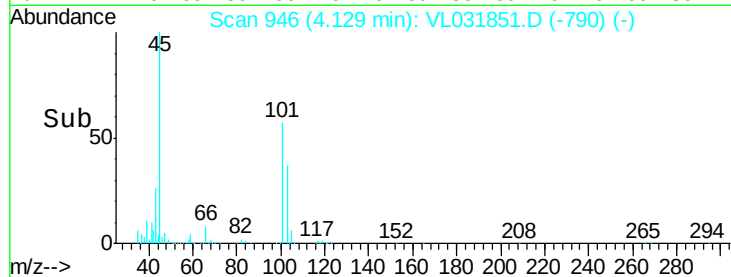
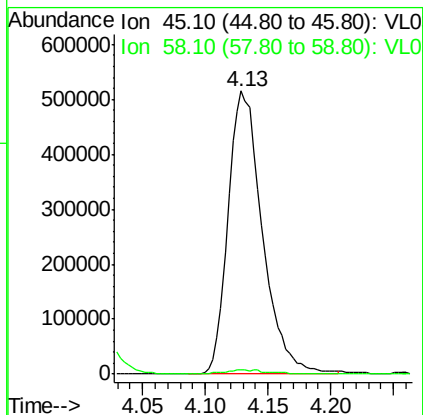
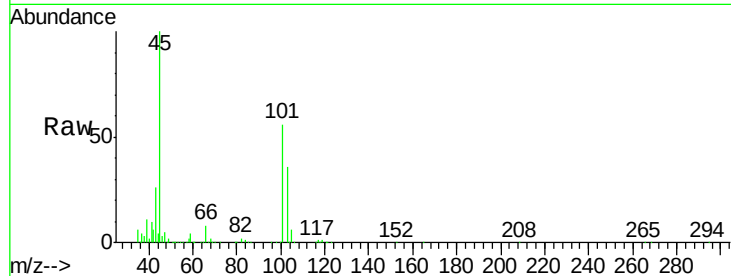


#19

Isopropyl Alcohol
 Concen: 9.148 ppbv
 RT: 4.13 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

Instrument :
 MSVOA_L
 ClientSampled :

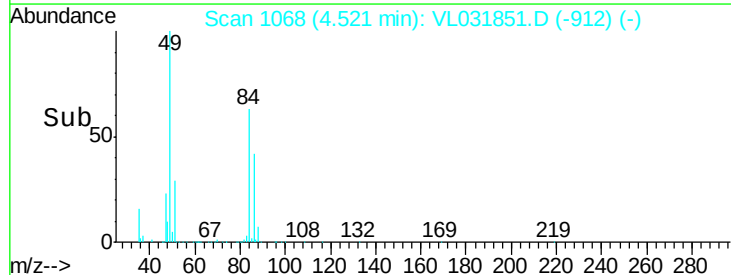
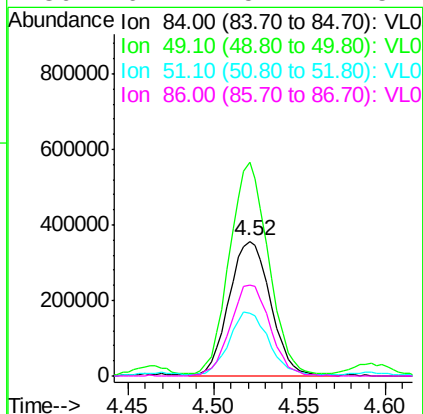
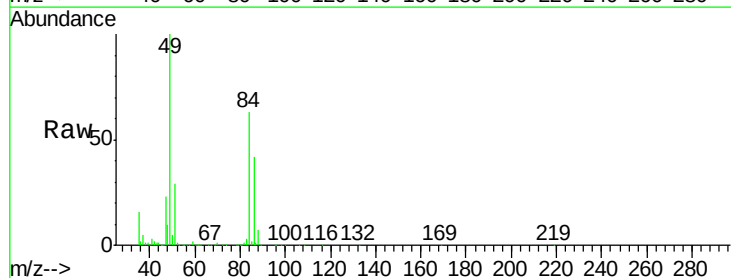
Tot Ion: 45 Resp: 978080
 Ion Ratio Lower Upper
 45 100
 58 2.2 1.4 2.0#

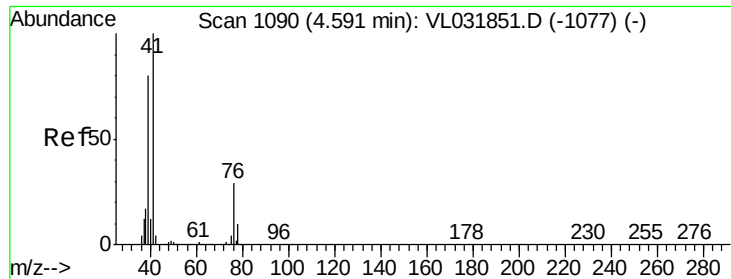


#20

Methylene Chloride
 Concen: 8.475 ppbv
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

Tgt Ion: 84 Resp: 590877
 Ion Ratio Lower Upper
 84 100
 49 157.0 123.3 184.9
 51 45.5 35.0 52.6
 86 67.1 52.2 78.2

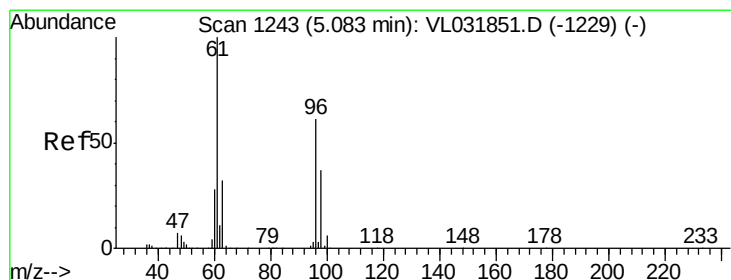
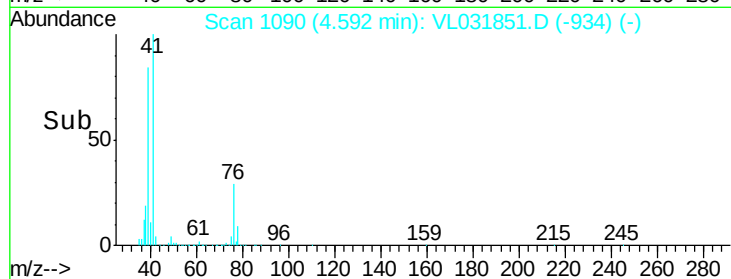
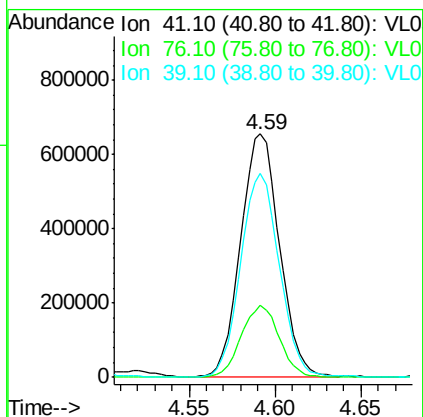
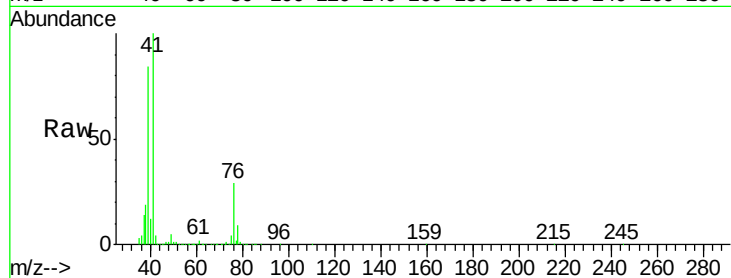




#21
Allvl Chloride
Concen: 9.370 ppbv
RT: 4.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

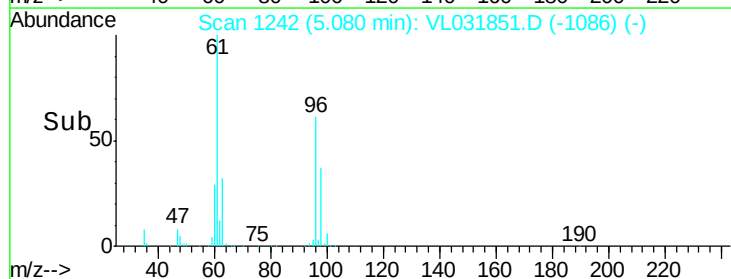
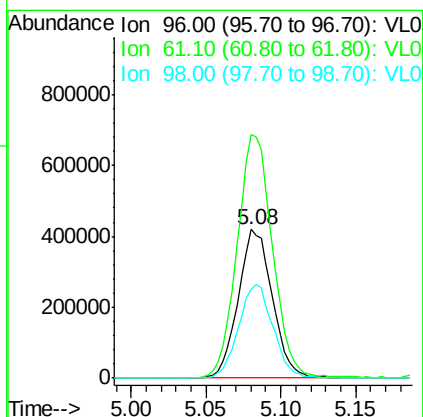
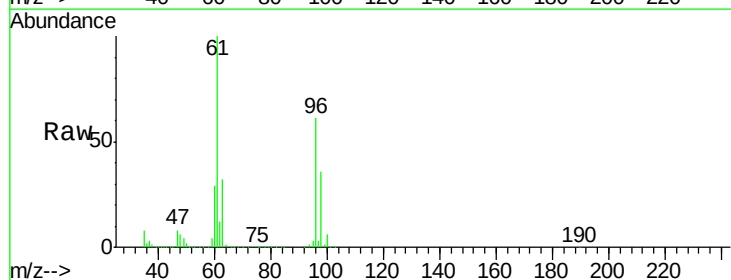
Instrument :
MSVOA_L
ClientSampleId :

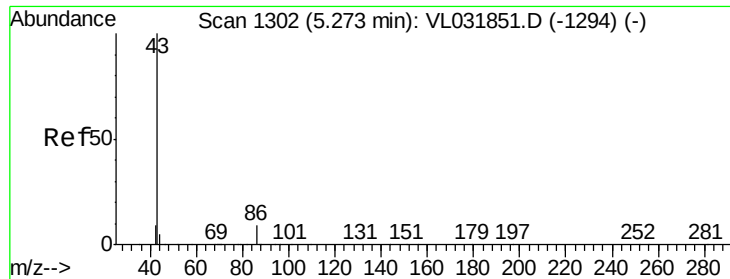
Tot Ion: 41 Resp: 1024668
Ion Ratio Lower Upper
41 100
76 29.3 23.4 35.0
39 84.0 65.4 98.2



#22
trans-1,2-Dichloroethene
Concen: 9.168 ppbv
RT: 5.08 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

Tgt Ion: 96 Resp: 667188
Ion Ratio Lower Upper
96 100
61 163.9 130.2 195.2
98 59.5 48.2 72.2





#23

Vinyl Acetate

Concen: 9.611 ppbv

RT: 5.28 min Scan# 1303

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 1865576

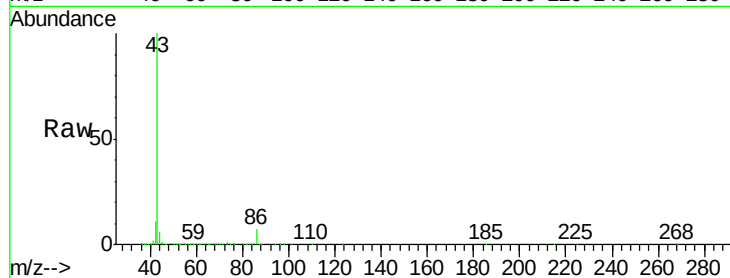
Ion Ratio Lower Upper

43 100

86 7.3 6.4 9.6

42 10.6 8.2 12.2

44 5.3 4.1 6.1

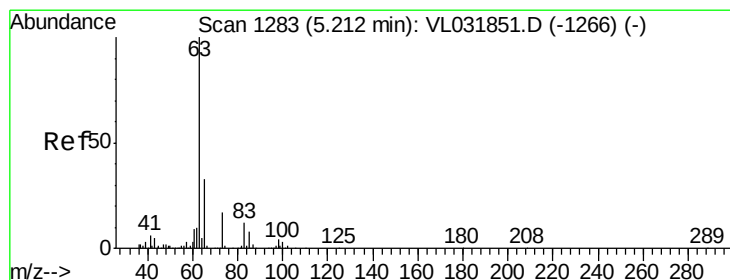
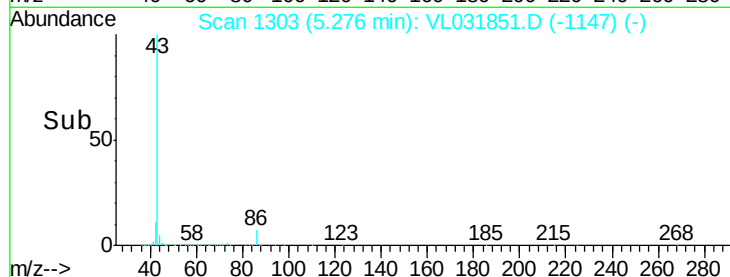
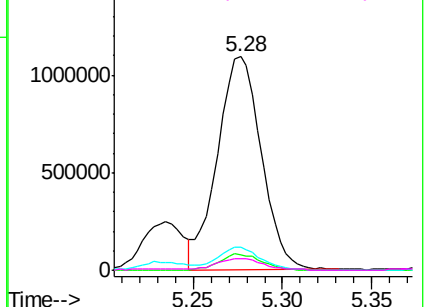


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 8.641 ppbv

RT: 5.21 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

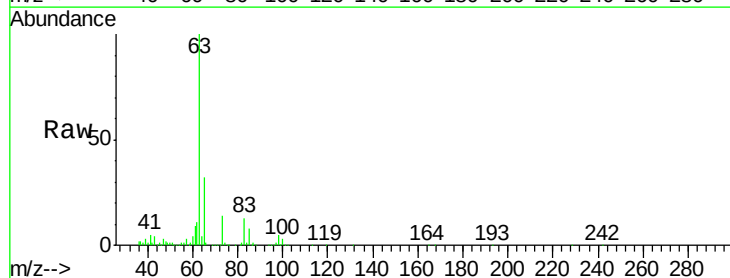
Tgt Ion: 63 Resp: 1670951

Ion Ratio Lower Upper

63 100

98 4.8 2.2 6.6

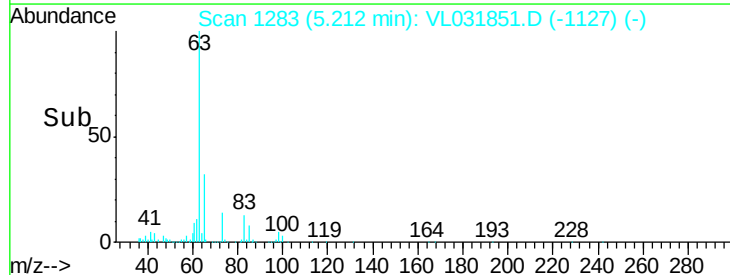
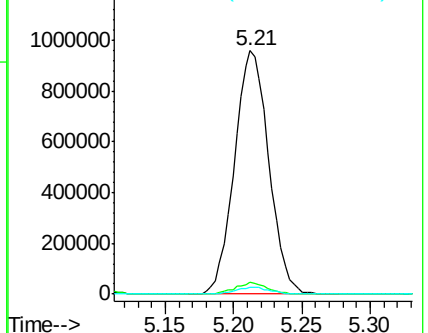
100 2.9 1.7 5.0

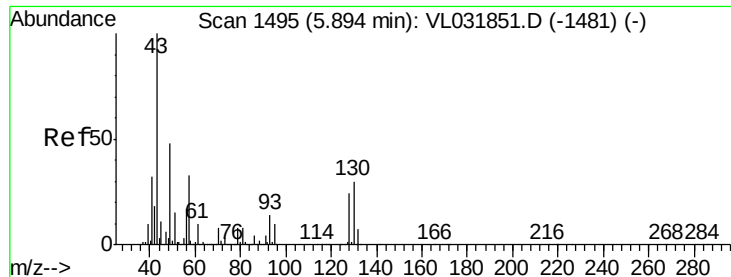


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



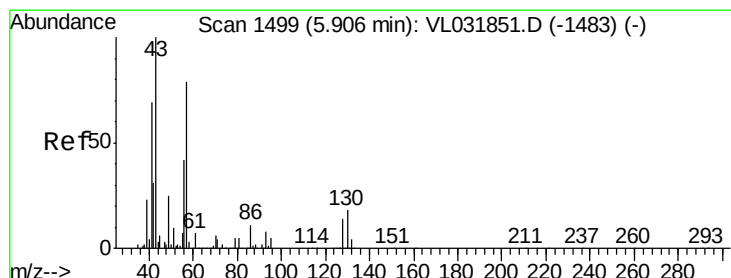
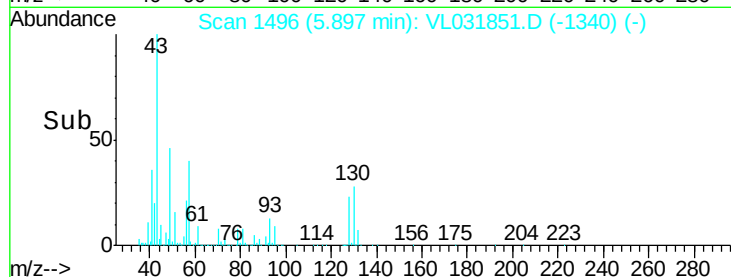
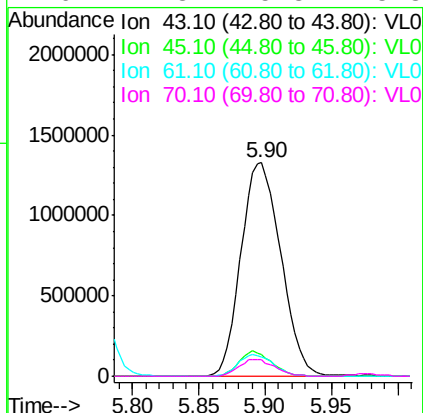
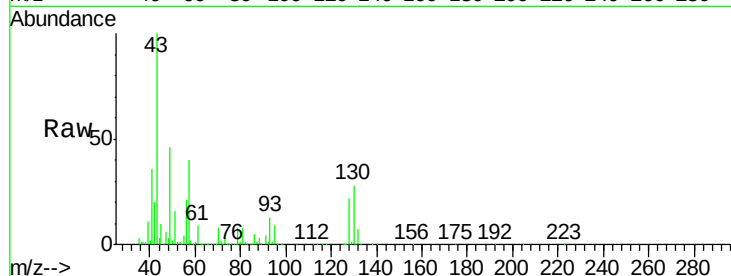


#25
Ethyl Acetate
Concen: 9.308 ppbv
RT: 5.90 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 2778921

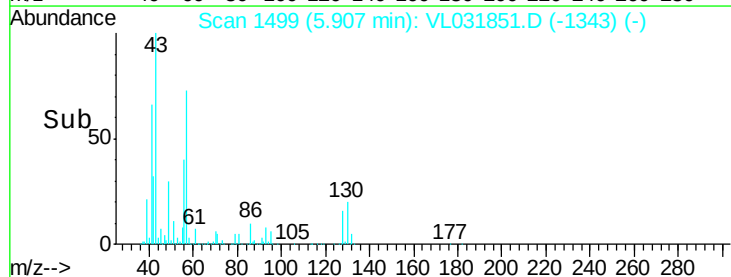
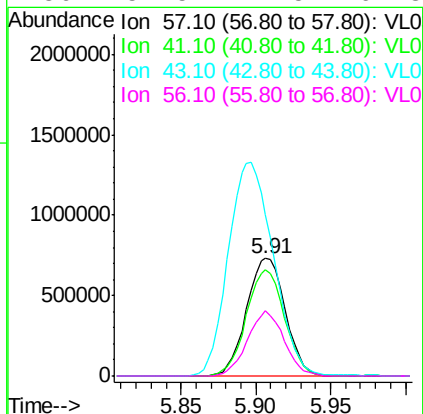
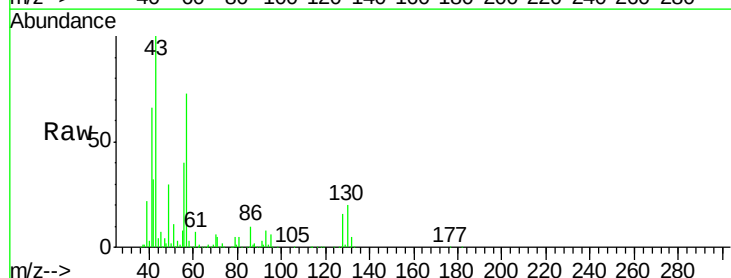
Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.8	11.8
61	9.0	7.5	11.3
70	7.3	5.8	8.8

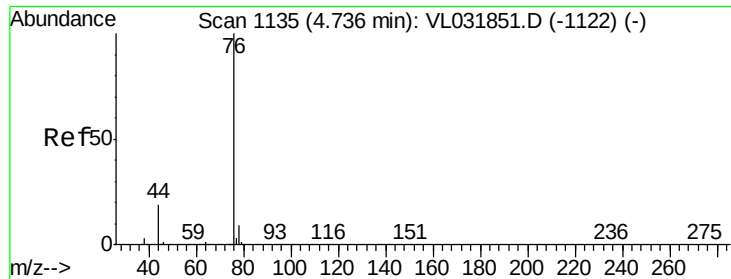


#26
Hexane
Concen: 9.453 ppbv
RT: 5.91 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

Tgt Ion: 57 Resp: 1315929

Ion	Ratio	Lower	Upper
57	100		
41	89.6	71.7	107.5
43	212.0	172.0	258.0
56	52.5	41.5	62.3





#27

Carbon Disulfide

Concen: 9.823 ppbv

RT: 4.74 min Scan# 1135

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

ClientSampleId :

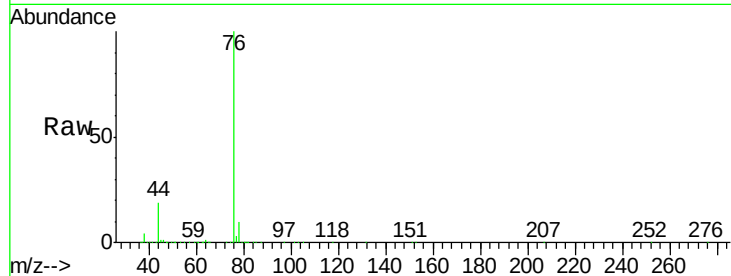
Tot Ion: 76 Resp: 1775162

Ion	Ratio	Lower	Upper
76	100		
44	19.0	14.8	22.2
78	9.4	7.4	11.2

76 100

44 19.0 14.8 22.2

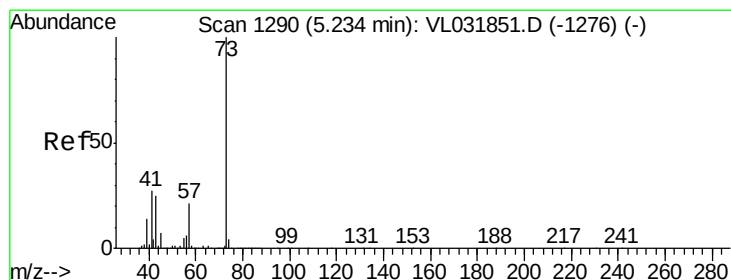
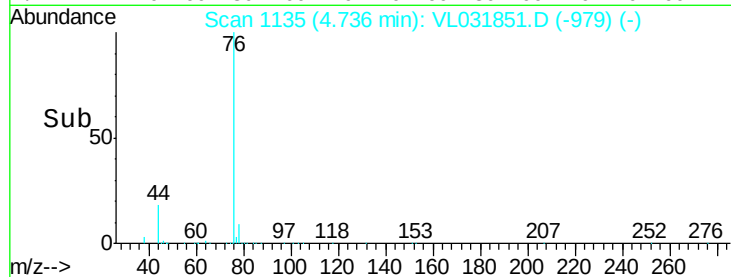
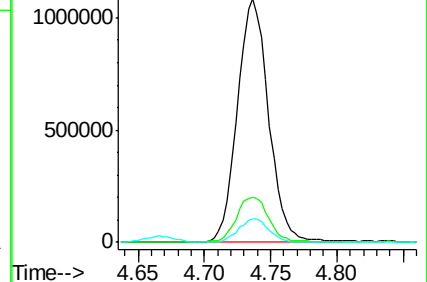
78 9.4 7.4 11.2



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: 9.534 ppbv

RT: 5.23 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VL031851.D

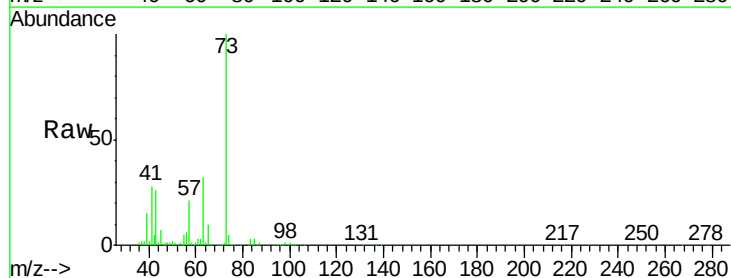
Acq: 12 Apr 2018 00:18

Tgt Ion: 73 Resp: 1633005

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.3	25.9

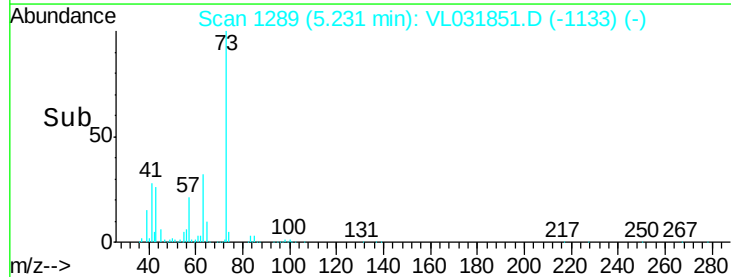
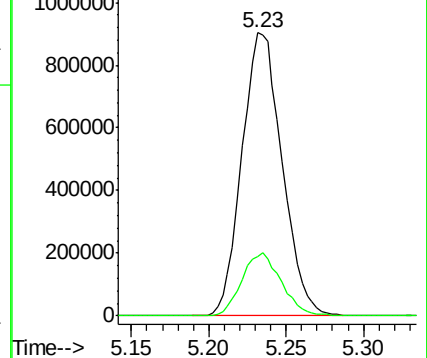
73 100

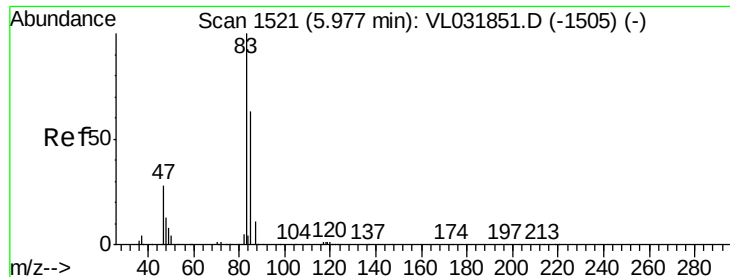
57 22.1 17.3 25.9



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

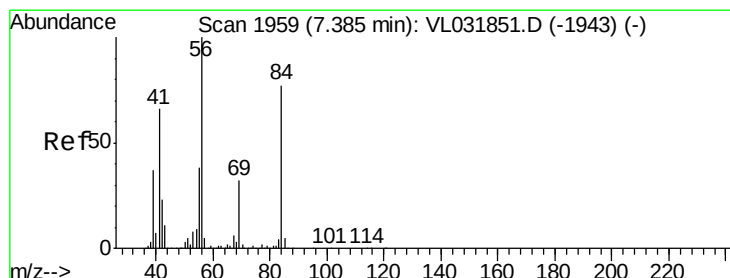
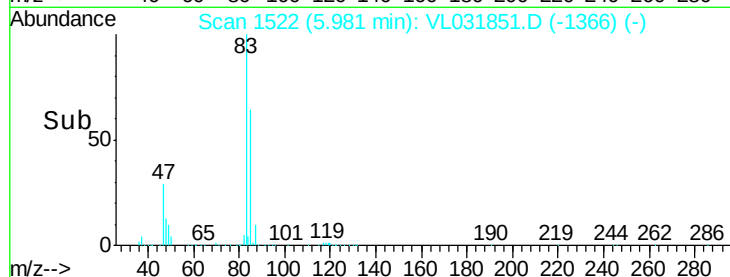
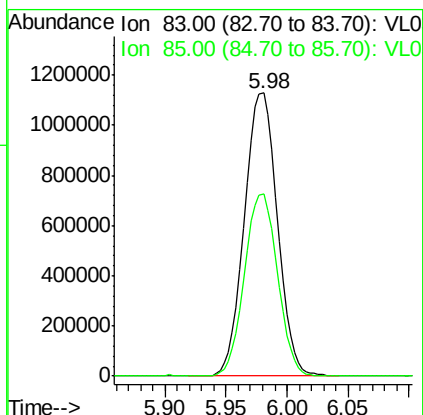
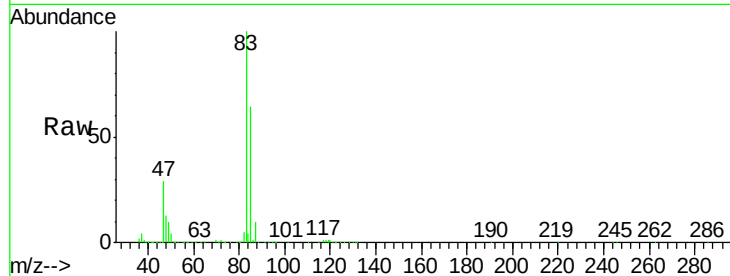




#29
Chloroform
Concen: 8.918 ppbv
RT: 5.98 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

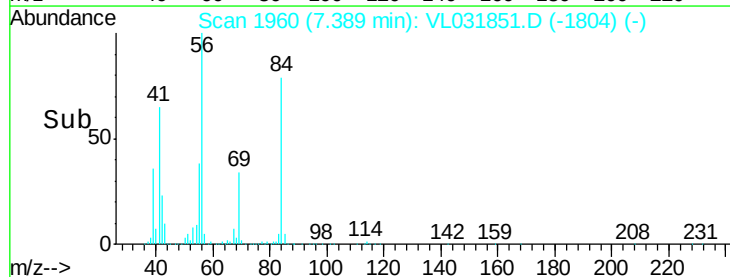
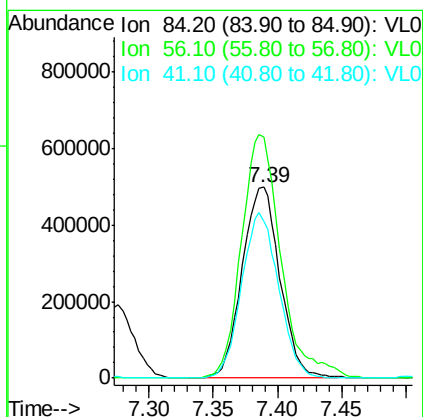
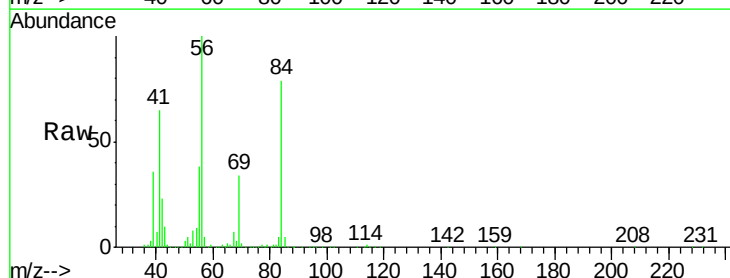
Instrument :
MSVOA_L
ClientSampleId :

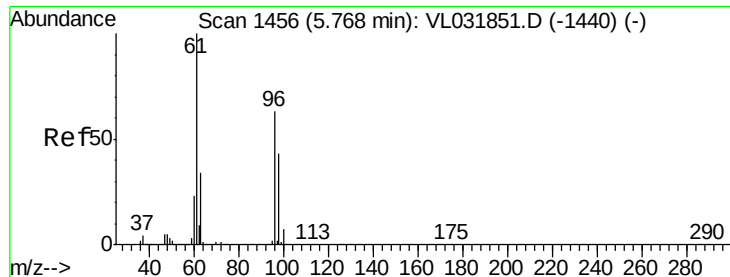
Tot Ion: 83 Resp: 2104124
Ion Ratio Lower Upper
83 100
85 64.2 50.4 75.6



#30
Cyclohexane
Concen: 10.216 ppbv
RT: 7.39 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

Tgt Ion: 84 Resp: 1015496
Ion Ratio Lower Upper
84 100
56 134.5 108.6 162.8
41 85.5 67.8 101.8





#31

cis-1,2-Dichloroethene

Concen: 9.734 ppbv

RT: 5.77 min Scan# 1455

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

ClientSampleId :

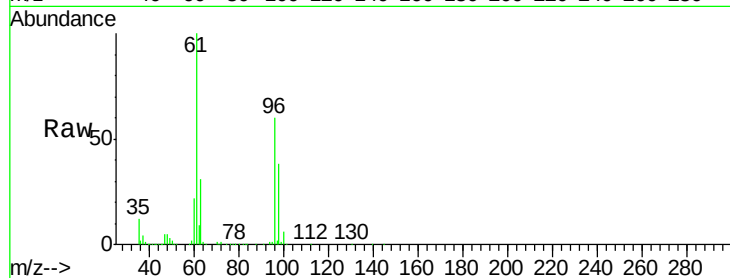
Tot Ion: 61 Resp: 1227375

Ion Ratio Lower Upper

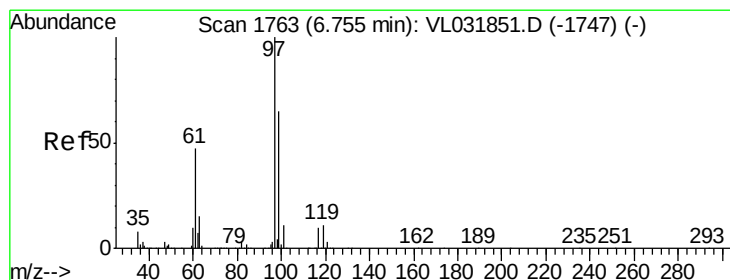
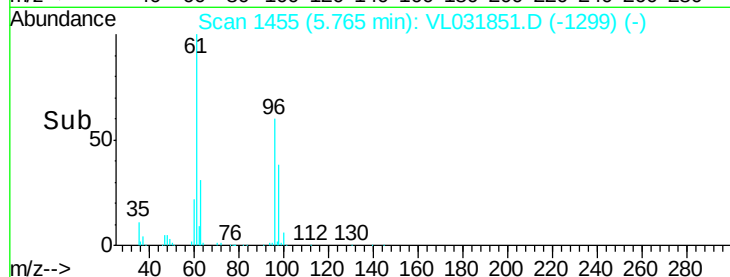
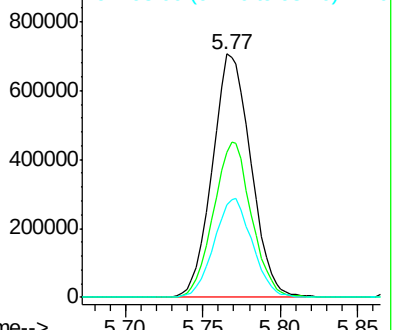
61 100

96 59.5 50.4 75.6

98 37.9 34.1 51.1



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: 9.143 ppbv

RT: 6.76 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

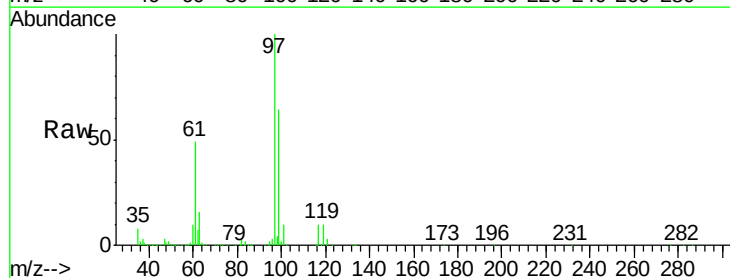
Tgt Ion: 97 Resp: 2101121

Ion Ratio Lower Upper

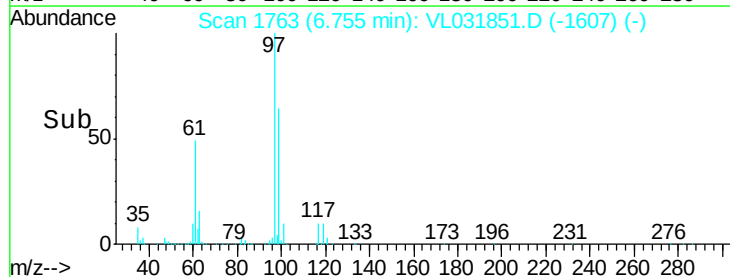
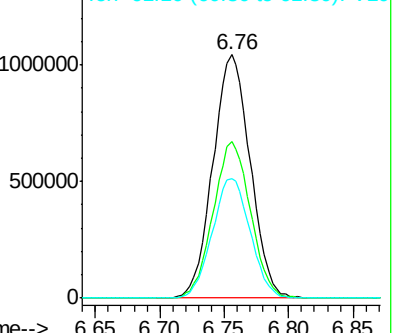
97 100

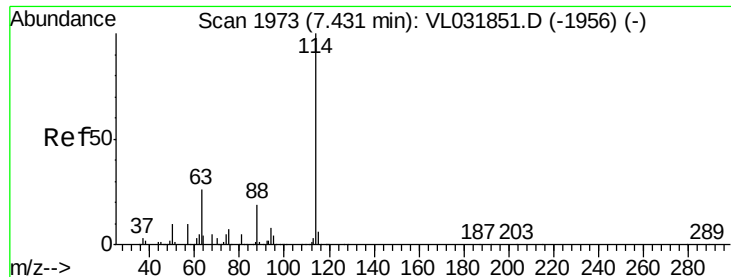
99 64.5 51.5 77.3

61 50.0 39.0 58.4



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

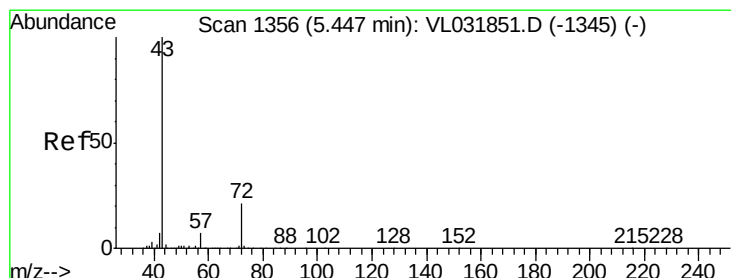
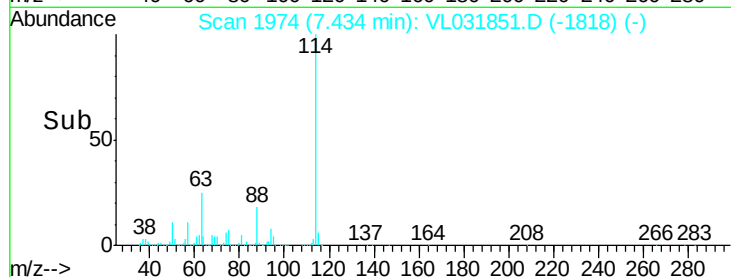
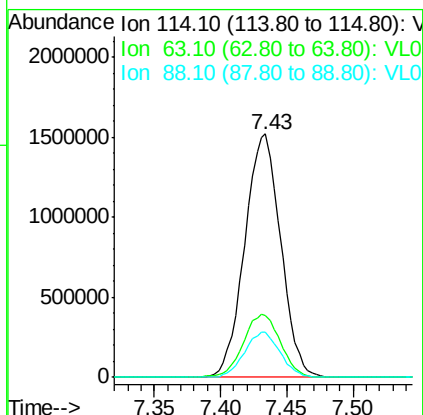
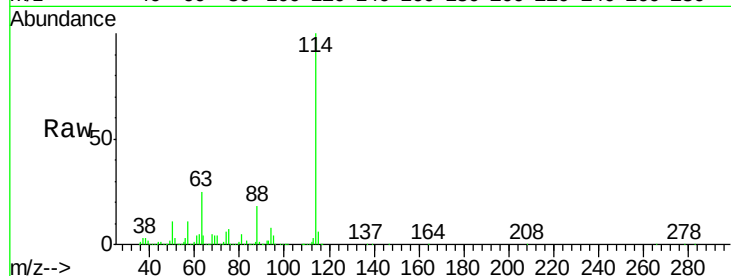




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.43 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

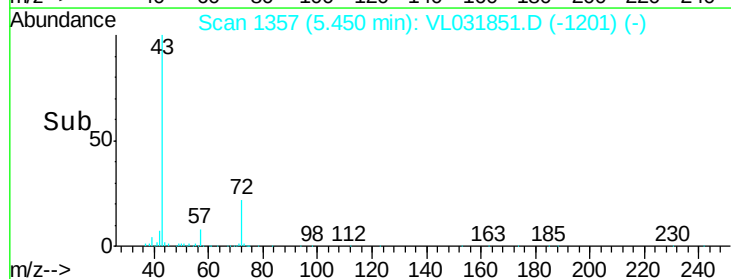
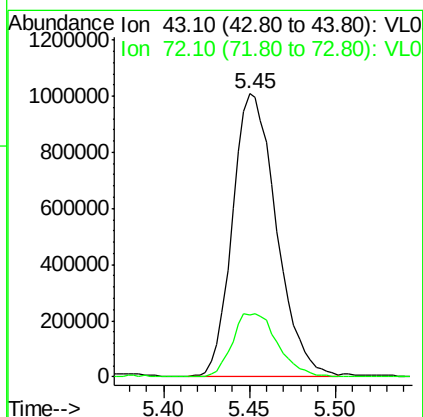
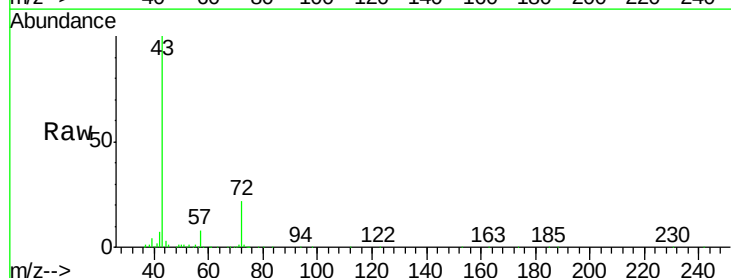
Instrument :
 MSVOA_L
 ClientSampleId :

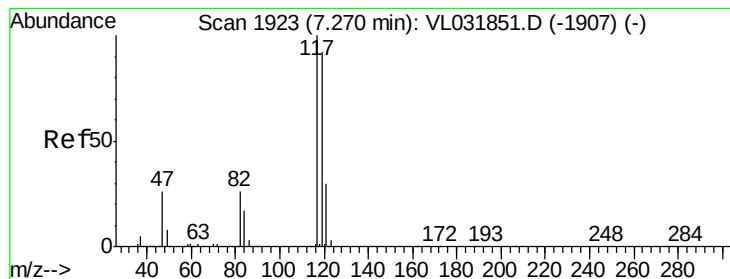
Tot Ion:114 Resp: 2869326
 Ion Ratio Lower Upper
 114 100
 63 27.1 21.4 32.2
 88 18.4 14.7 22.1



#34
 2-Butanone
 Concen: 9.011 ppbv
 RT: 5.45 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

Tgt Ion: 43 Resp: 1793733
 Ion Ratio Lower Upper
 43 100
 72 23.2 18.6 28.0





#35

Carbon Tetrachloride

Concen: 8.692 ppbv

RT: 7.27 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

ClientSampleId :

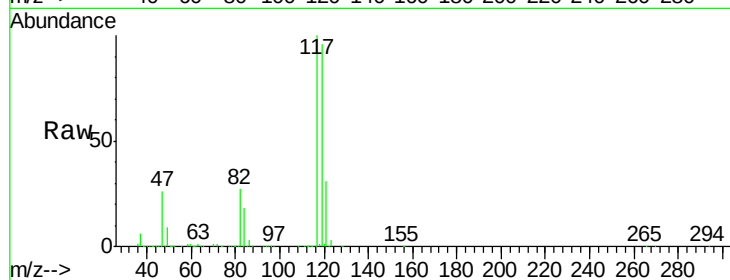
Tot Ion:117 Resp: 2166061

Ion Ratio Lower Upper

117 100

119 96.1 73.4 110.0

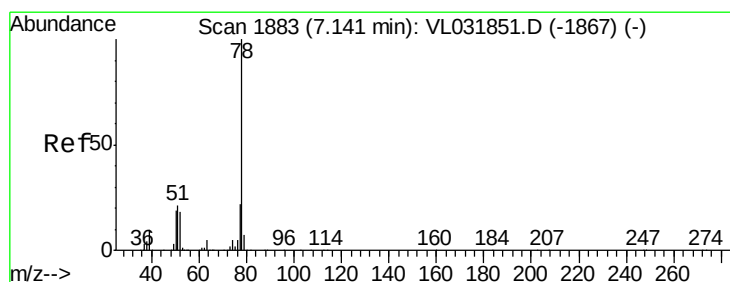
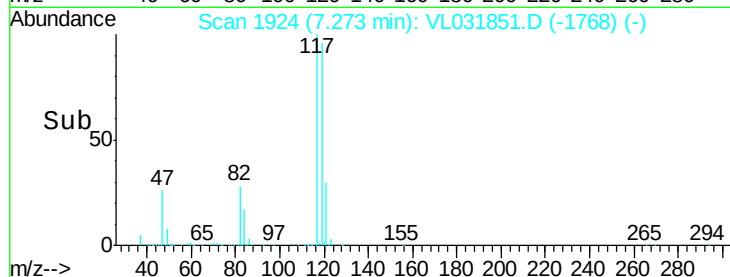
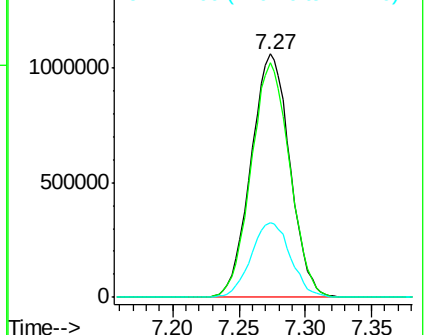
121 30.6 24.2 36.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.625 ppbv

RT: 7.14 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

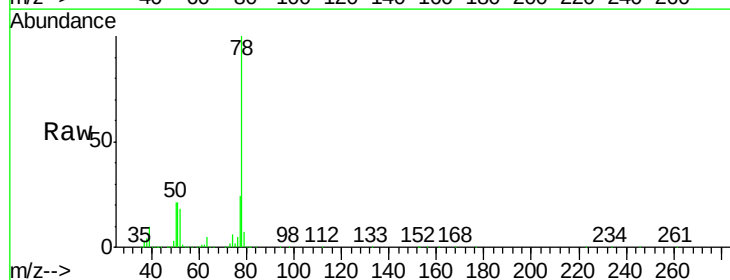
Tgt Ion: 78 Resp: 2484019

Ion Ratio Lower Upper

78 100

77 24.0 17.8 26.8

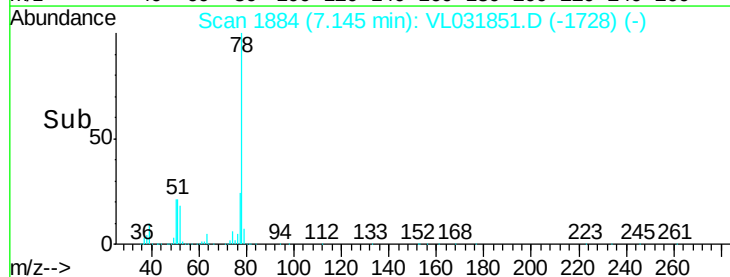
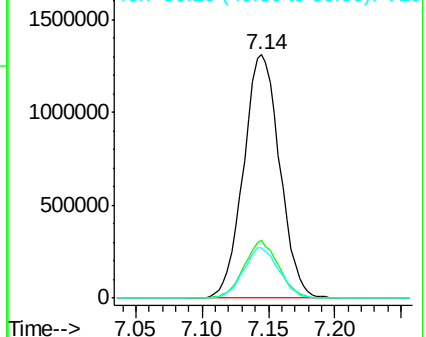
50 20.9 15.0 22.6

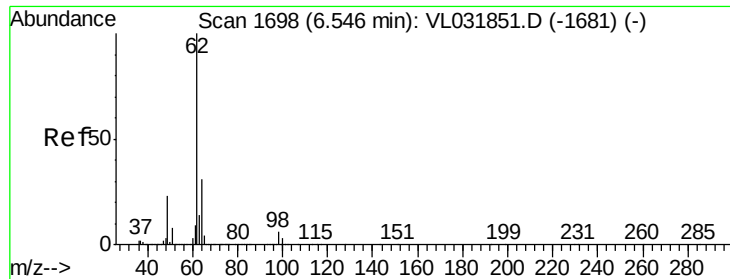


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

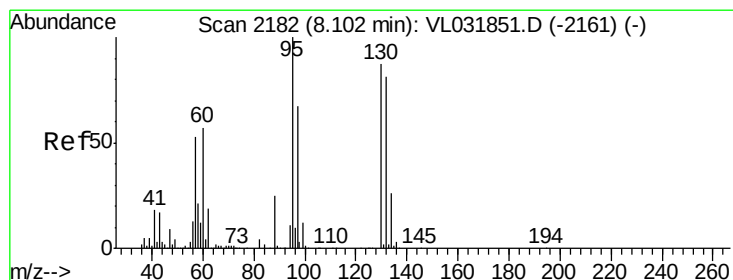
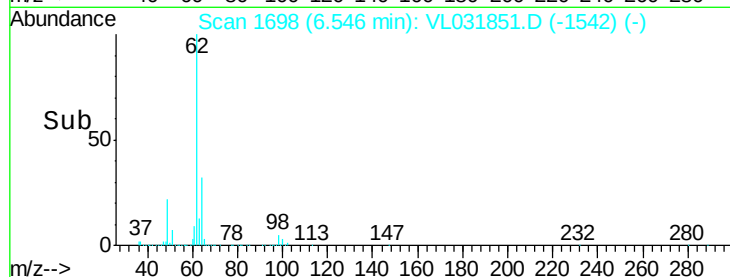
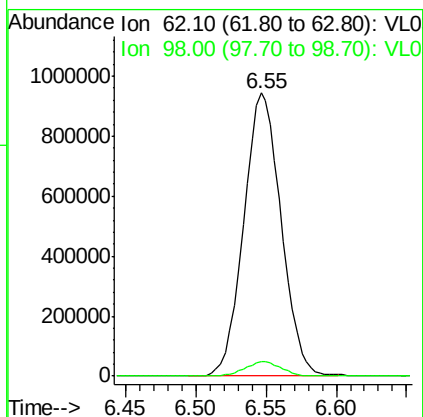
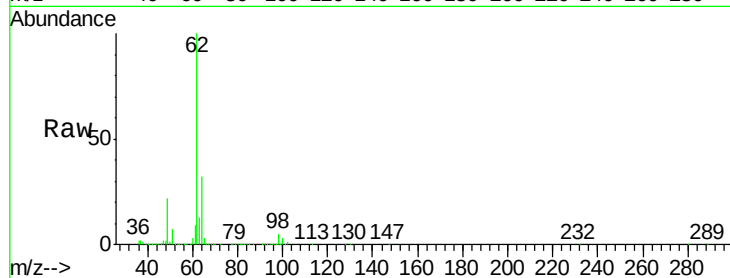




#37
 1,2-Dichloroethane
 Concen: 9.114 ppbv
 RT: 6.55 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

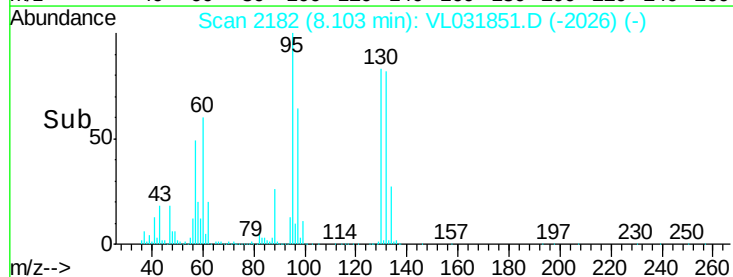
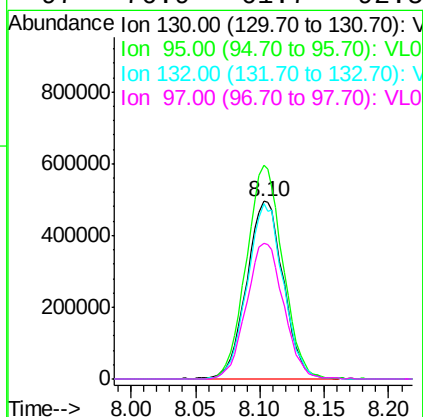
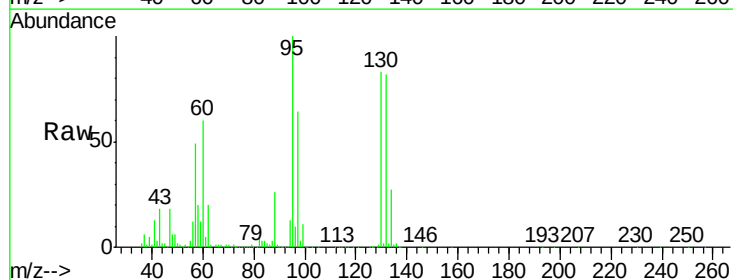
Instrument :
 MSVOA_L
 ClientSampleId :

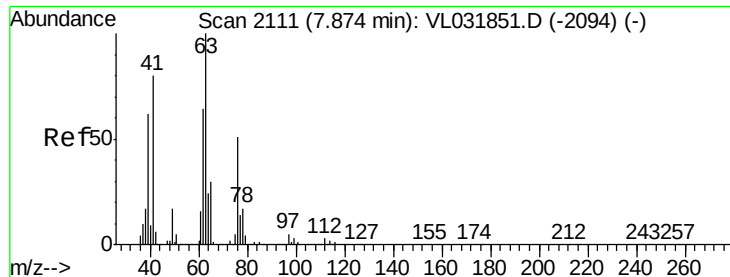
Tot Ion: 62 Resp: 1750115
 Ion Ratio Lower Upper
 62 100
 98 5.1 4.5 6.7



#38
 Trichloroethene
 Concen: 9.325 ppbv
 RT: 8.10 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

Tgt Ion:130 Resp: 976921
 Ion Ratio Lower Upper
 130 100
 95 120.7 92.1 138.1
 132 98.9 74.8 112.2
 97 76.9 61.7 92.5





#39

1,2-Dichloropropane

Concen: 9.395 ppbv

RT: 7.88 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

ClientSampleId :

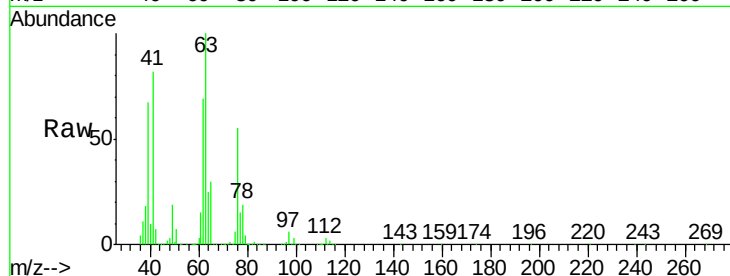
Tot Ion: 63 Resp: 901383

Ion Ratio Lower Upper

63 100

41 82.2 64.1 96.1

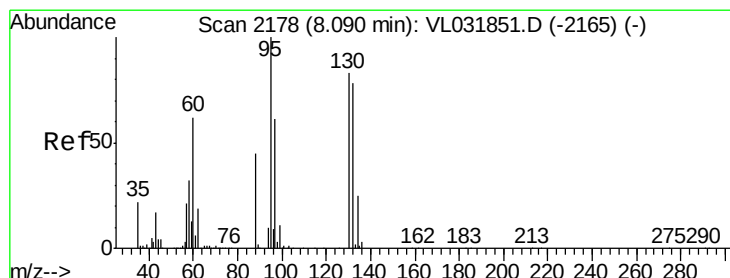
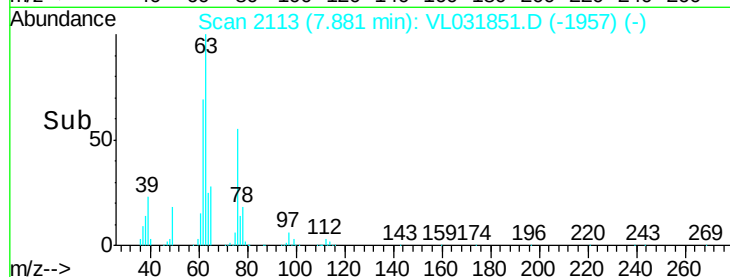
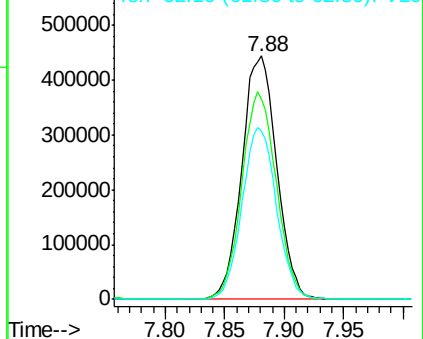
62 68.8 51.5 77.3



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



#40

1,4-Dioxane

Concen: 10.087 ppbv

RT: 8.09 min Scan# 2179

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Tgt Ion: 88 Resp: 392790

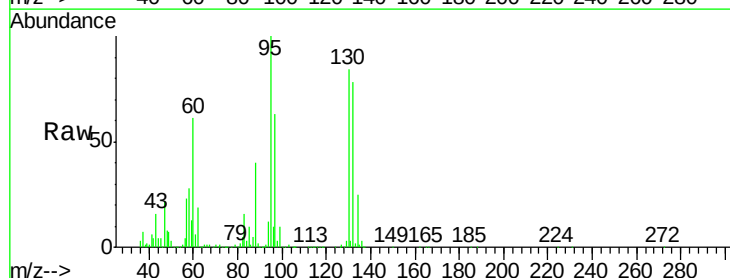
Ion Ratio Lower Upper

88 100

58 123.5 99.3 148.9

43 242.0 197.3 295.9

57 1077.5 859.9 1289.9

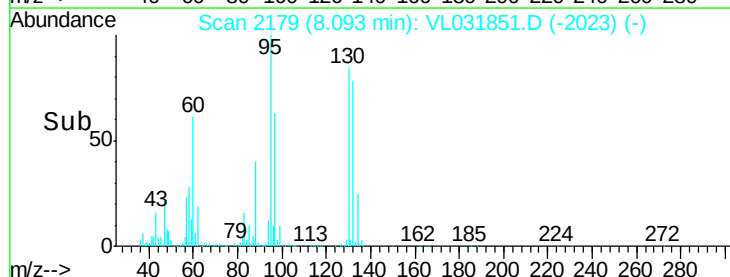
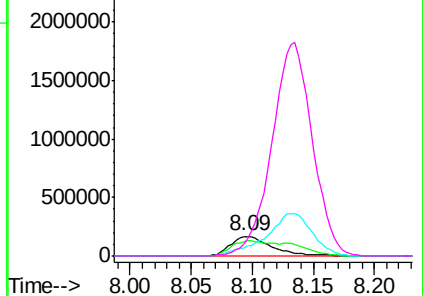


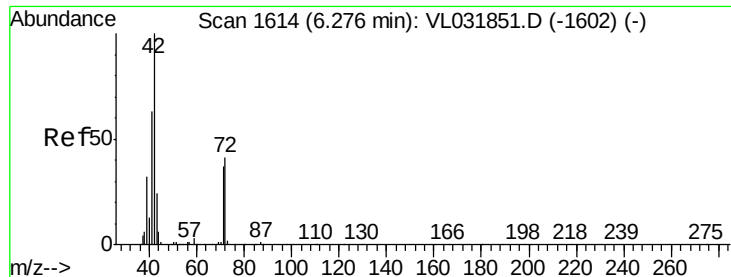
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 9.823 ppbv

RT: 6.28 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

ClientSampleId :

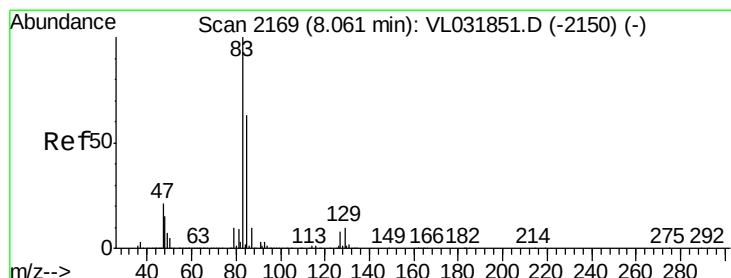
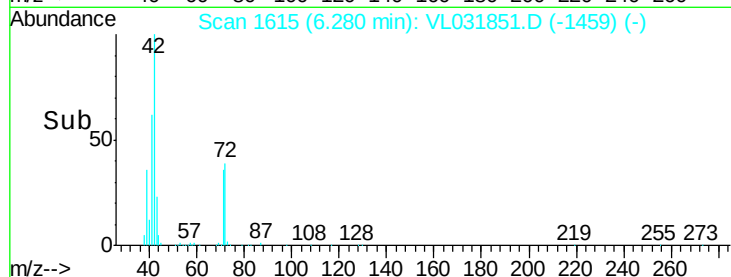
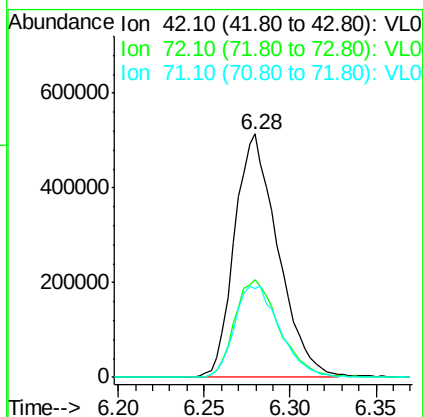
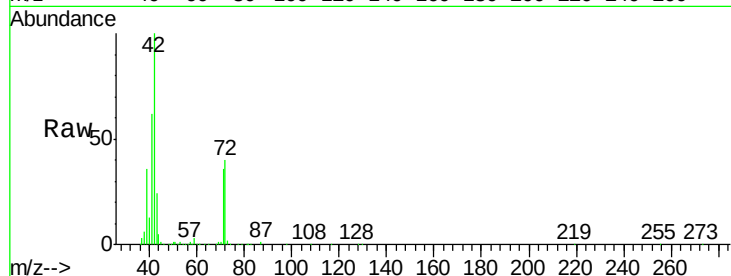
Tot Ion: 42 Resp: 905019

Ion Ratio Lower Upper

42 100

72 41.5 32.5 48.7

71 39.4 31.3 46.9



#42

Bromodichloromethane

Concen: 9.348 ppbv

RT: 8.06 min Scan# 2169

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

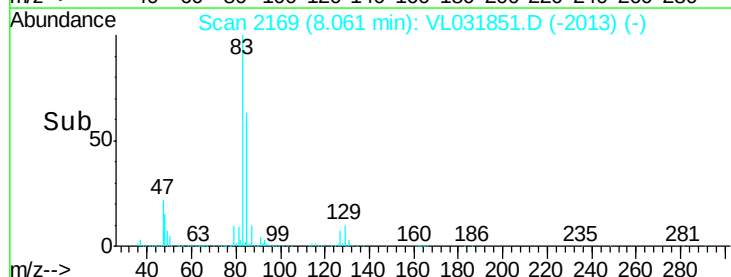
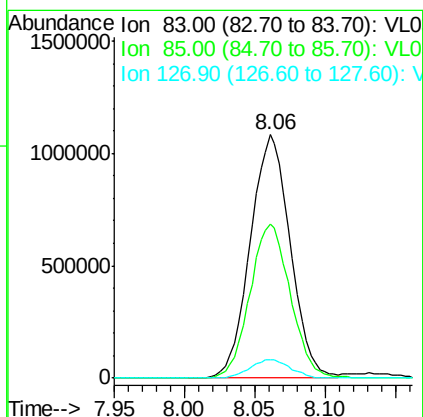
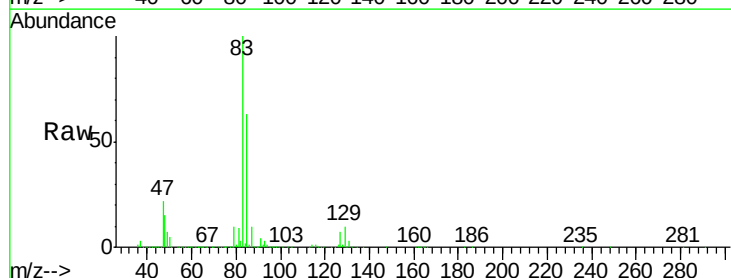
Tgt Ion: 83 Resp: 2147821

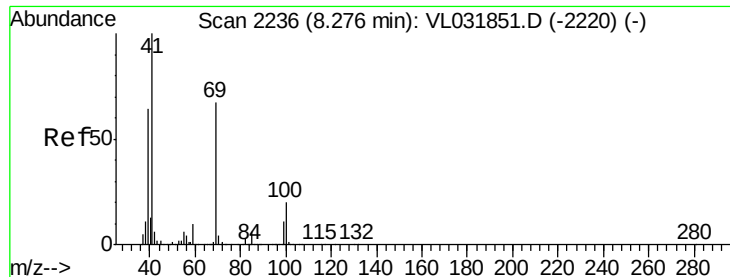
Ion Ratio Lower Upper

83 100

85 63.1 50.3 75.5

127 7.5 6.1 9.1

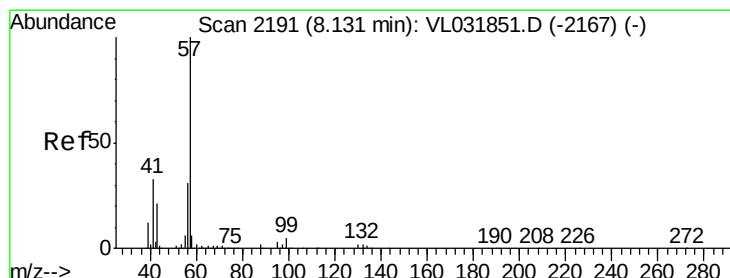
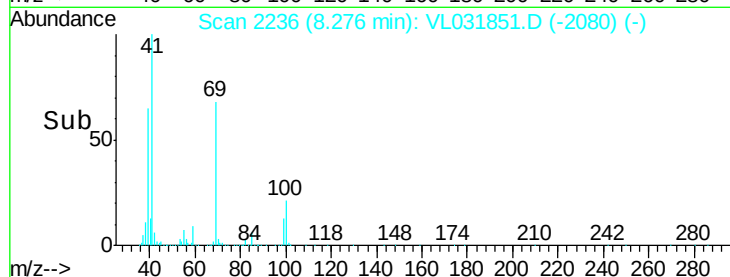
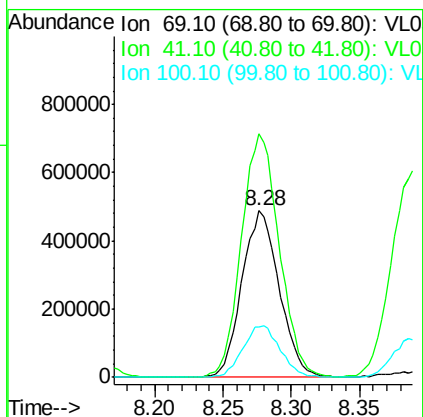
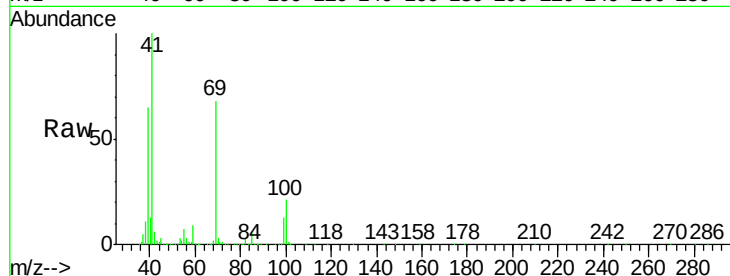




#43
Methyl Methacrylate
Concen: 10.257 ppbv
RT: 8.28 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

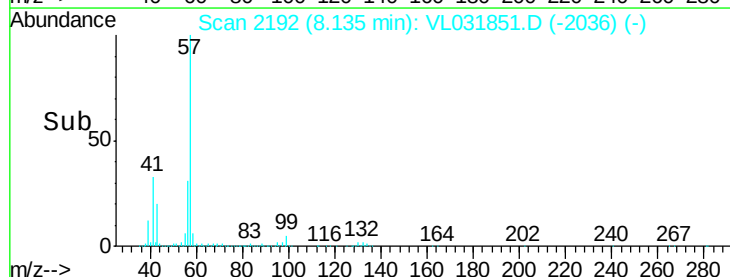
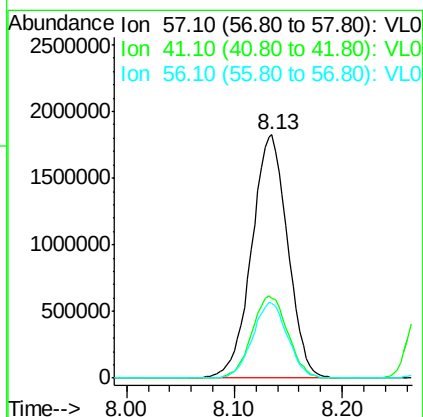
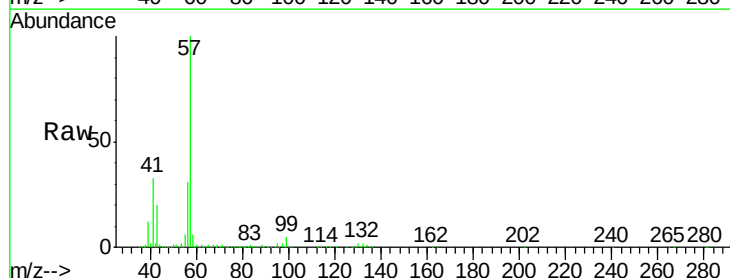
Instrument :
MSVOA_L
ClientSampleId :

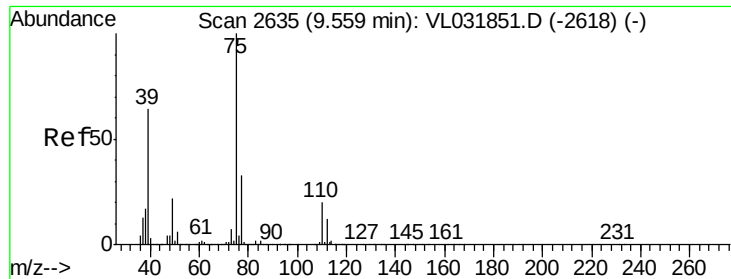
Tot Ion: 69 Resp: 931531
Ion Ratio Lower Upper
69 100
41 147.6 119.8 179.8
100 30.8 24.9 37.3



#44
2,2,4-Trimethylpentane
Concen: 9.506 ppbv
RT: 8.13 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

Tgt Ion: 57 Resp: 4225306
Ion Ratio Lower Upper
57 100
41 33.9 26.5 39.7
56 30.2 24.2 36.4





#45

t-1,3-Dichloropropene

Concen: 11.178 ppbv

RT: 9.56 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

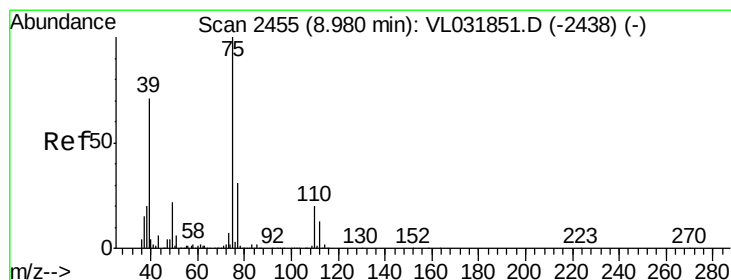
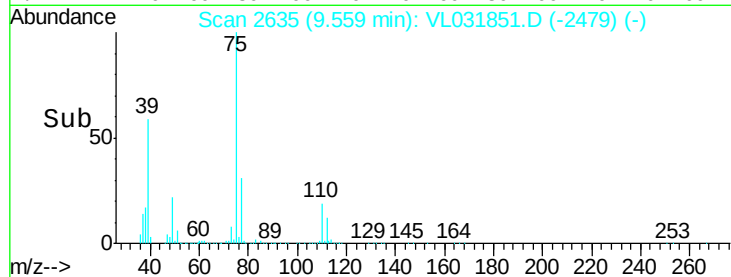
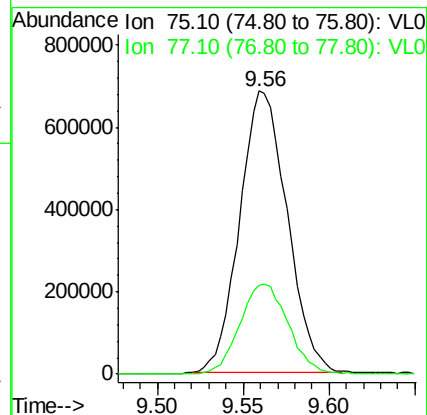
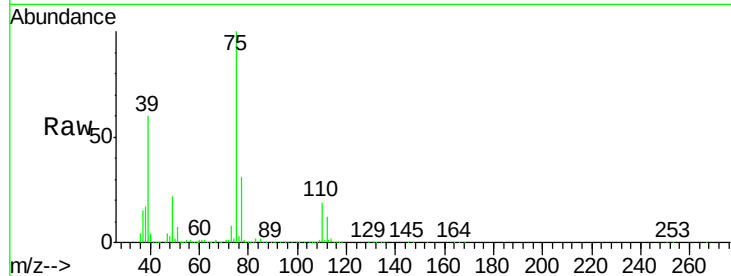
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 75 Resp: 1316637

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.4



#46

cis-1,3-Dichloropropene

Concen: 10.769 ppbv

RT: 8.98 min Scan# 2455

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

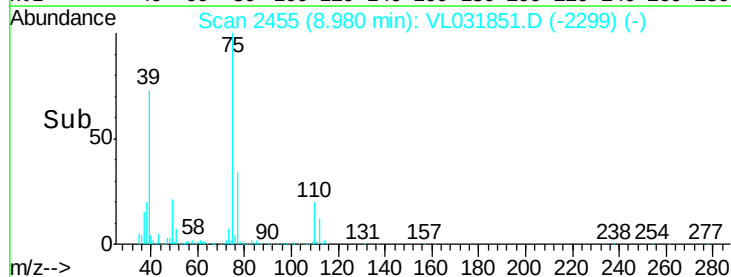
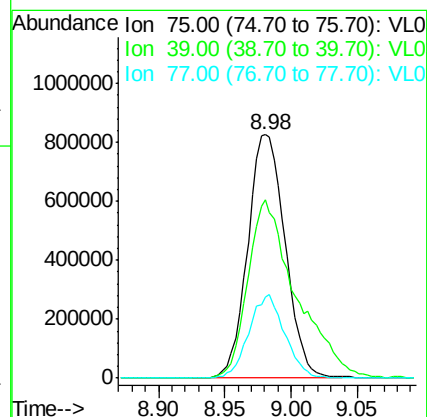
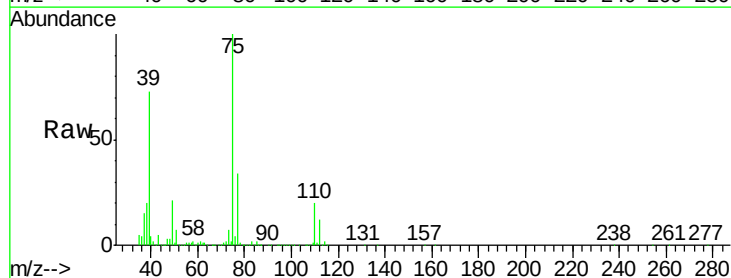
Tgt Ion: 75 Resp: 1621197

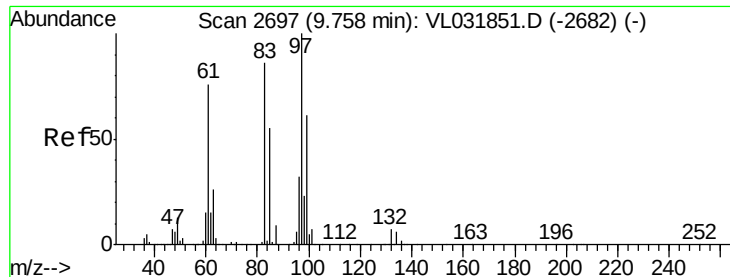
Ion Ratio Lower Upper

75 100

39 73.2 56.9 85.3

77 33.5 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 9.422 ppbv

RT: 9.76 min Scan# 2698

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 97 Resp: 1074372

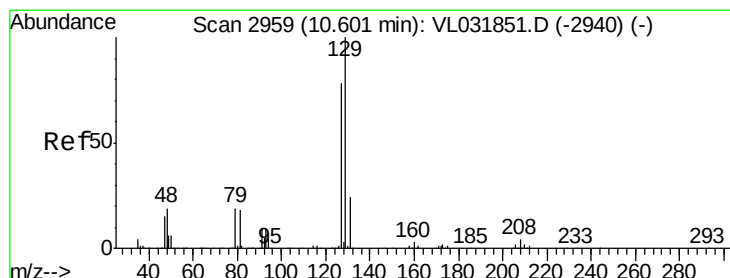
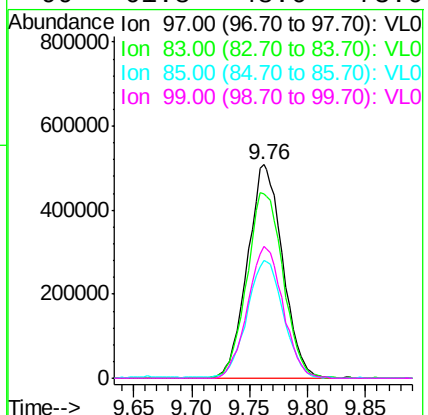
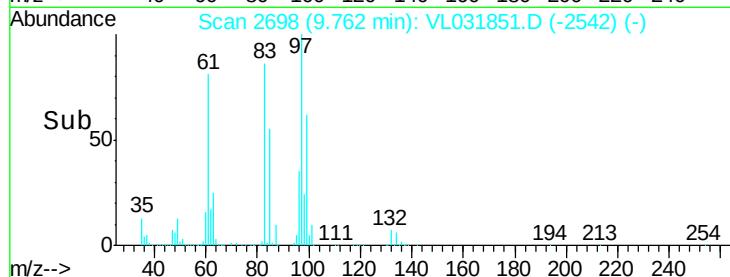
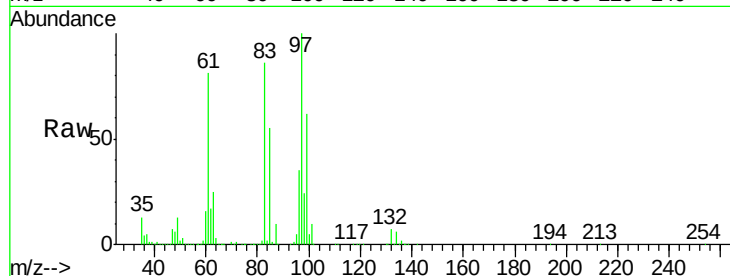
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.4	102.6
85	54.6	44.5	66.7
99	61.8	48.6	73.0

97 100

83 86.4 68.4 102.6

85 54.6 44.5 66.7

99 61.8 48.6 73.0



#48

Dibromochloromethane

Concen: 9.914 ppbv

RT: 10.60 min Scan# 2960

Delta R.T. 0.00 min

Lab File: VL031851.D

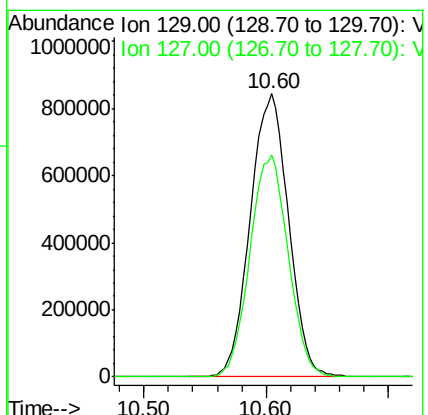
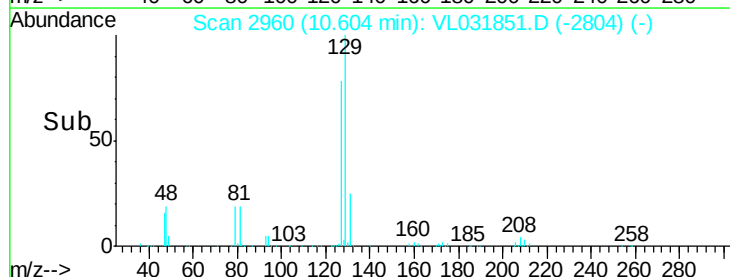
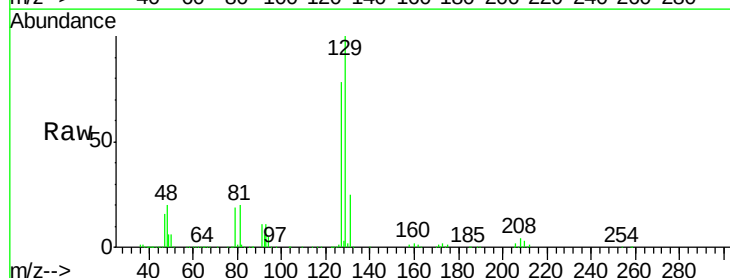
Acq: 12 Apr 2018 00:18

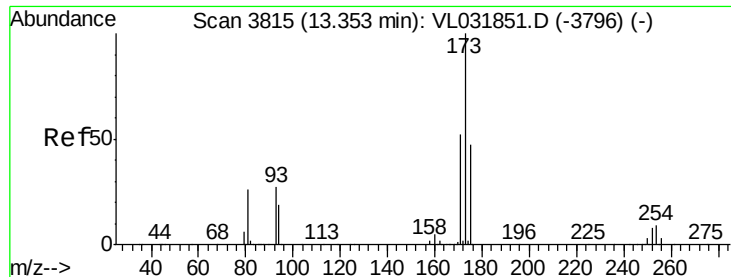
Tgt Ion: 129 Resp: 1826989

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.1	117.2

129 100

127 78.5 39.1 117.2





#49

Bromoform

Concen: 5.343 ppbv

RT: 13.36 min Scan# 3817

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

ClientSampleId :

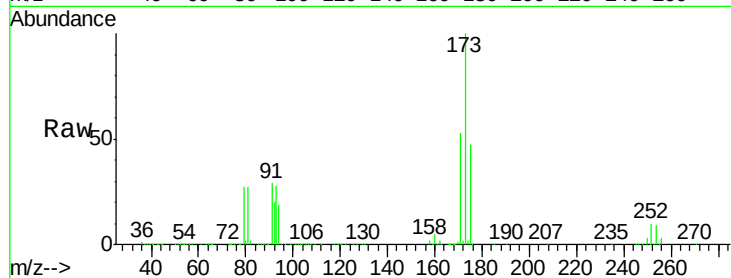
Tot Ion:173 Resp: 676074

Ion Ratio Lower Upper

173 100

175 104.2 39.4 59.0#

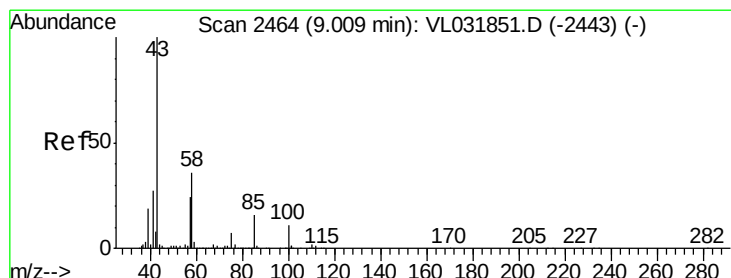
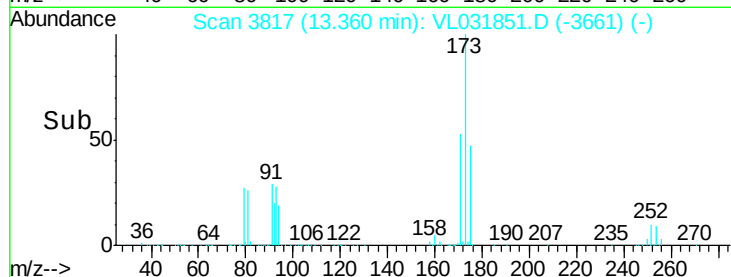
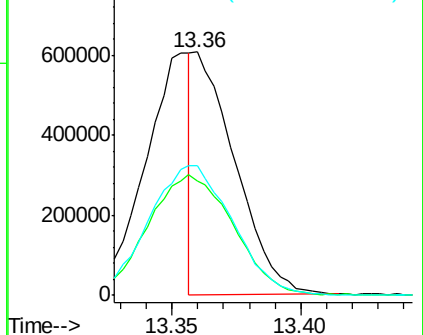
171 110.3 42.2 63.2#



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: 9.956 ppbv

RT: 9.02 min Scan# 2466

Delta R.T. 0.00 min

Lab File: VL031851.D

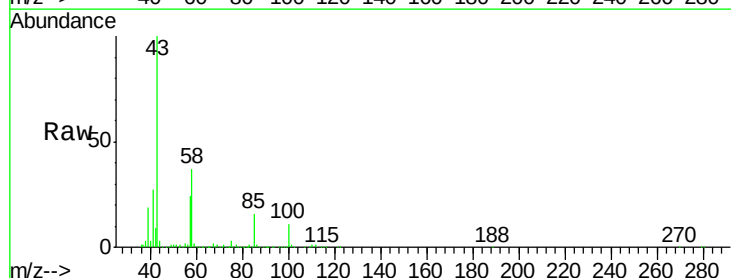
Acq: 12 Apr 2018 00:18

Tgt Ion: 43 Resp: 2268132

Ion Ratio Lower Upper

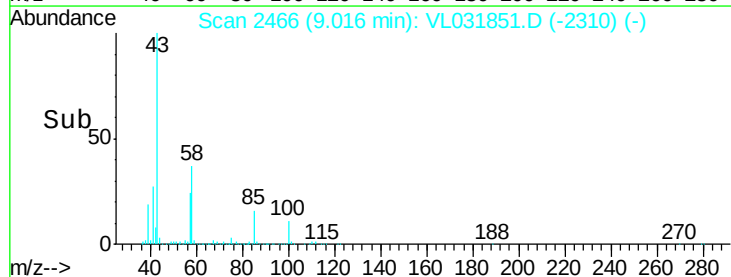
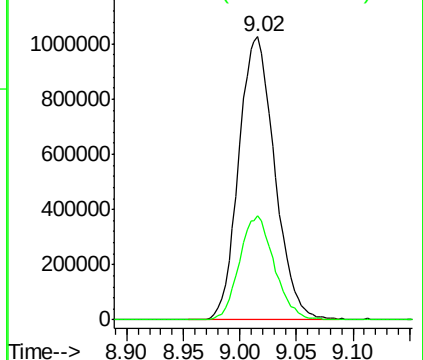
43 100

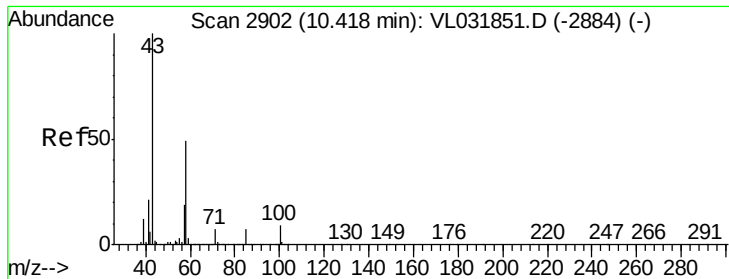
58 35.8 29.1 43.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.857 ppbv

RT: 10.42 min Scan# 2902

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

ClientSampleId :

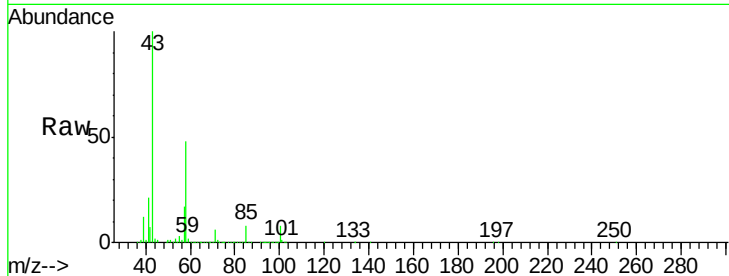
Tot Ion: 43 Resp: 2161945

Ion Ratio Lower Upper

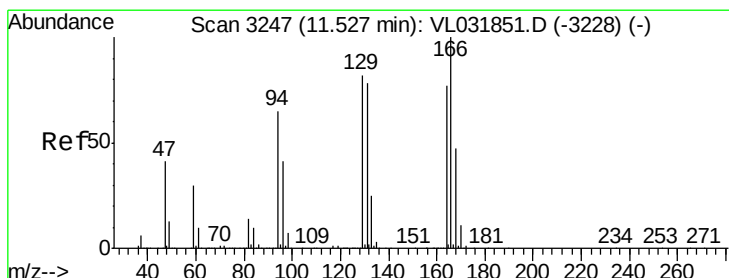
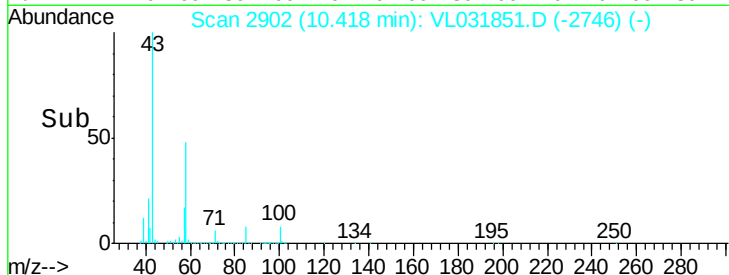
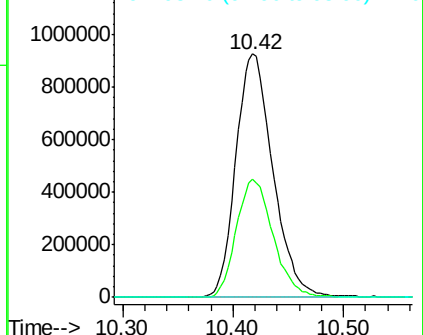
43 100

58 48.2 38.4 57.6

98 0.2 0.2 0.4#



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: 9.252 ppbv

RT: 11.52 min Scan# 3246

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Tgt Ion:164 Resp: 930277

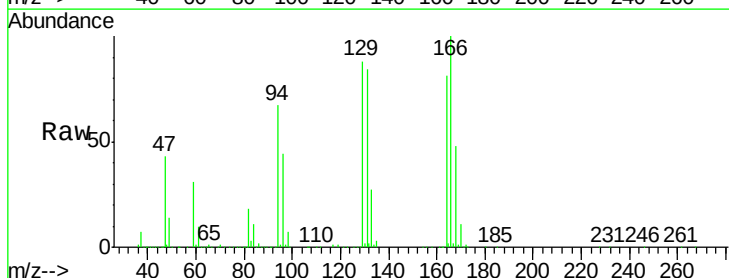
Ion Ratio Lower Upper

164 100

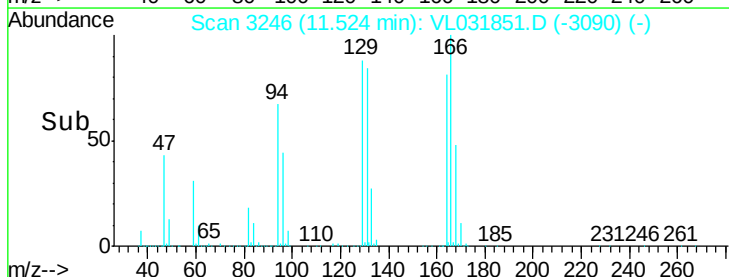
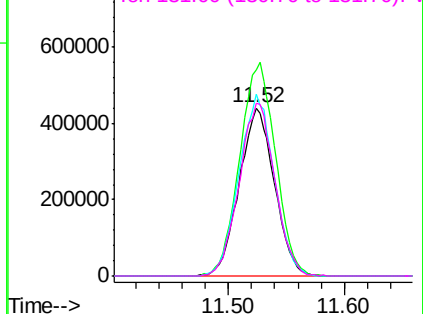
166 122.8 103.3 154.9

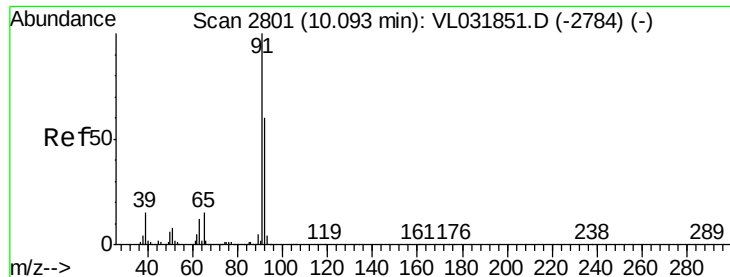
129 108.1 84.2 126.4

131 102.7 80.6 121.0



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: 10.381 ppbv

RT: 10.09 min Scan# 2801

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

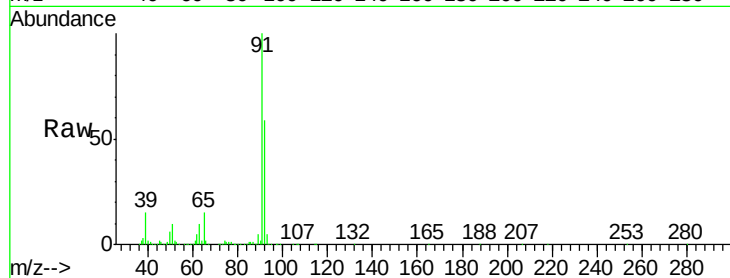
ClientSampleId :

Tot Ion: 91 Resp: 2987764

Ion Ratio Lower Upper

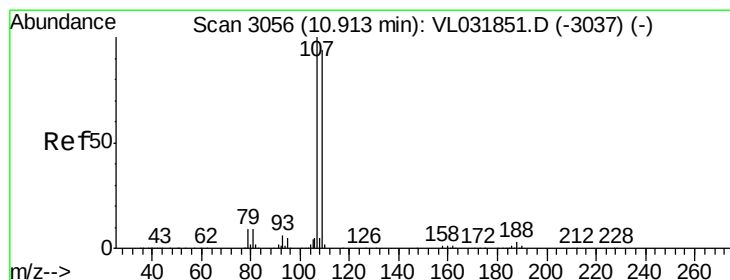
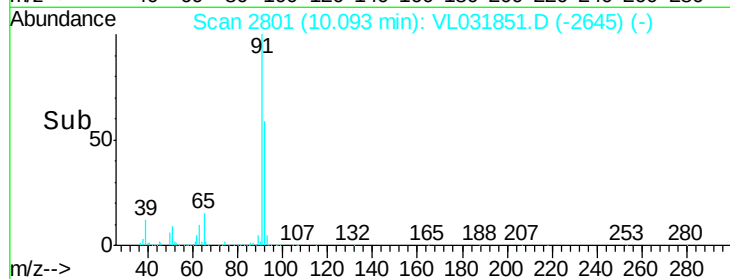
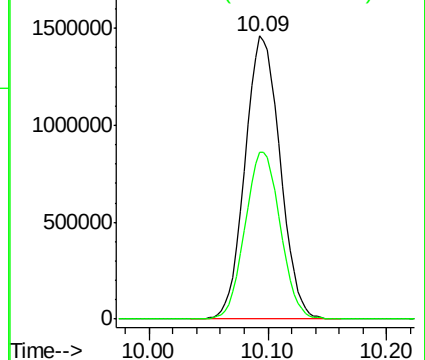
91 100

92 59.3 47.2 70.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 9.692 ppbv

RT: 10.91 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VL031851.D

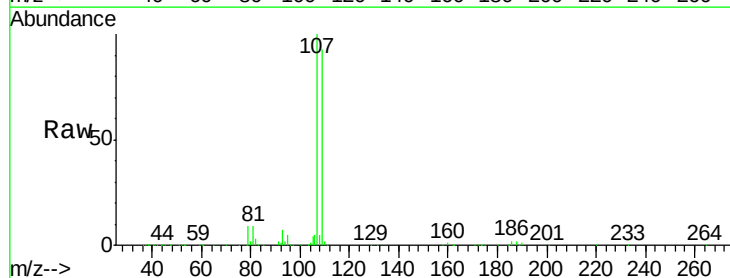
Acq: 12 Apr 2018 00:18

Tgt Ion: 107 Resp: 1604136

Ion Ratio Lower Upper

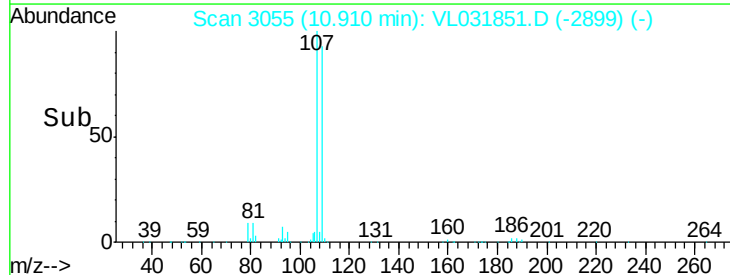
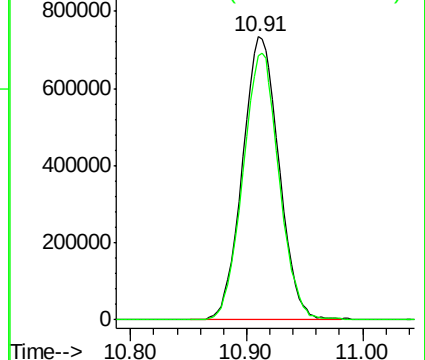
107 100

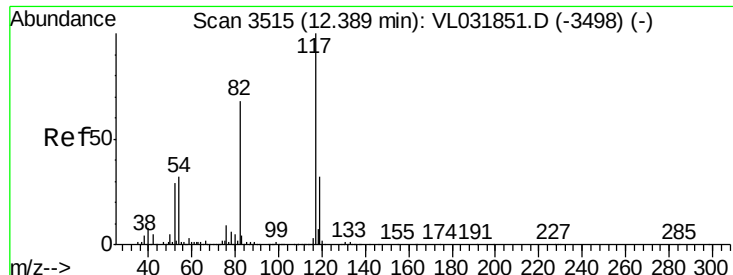
109 93.3 75.1 112.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

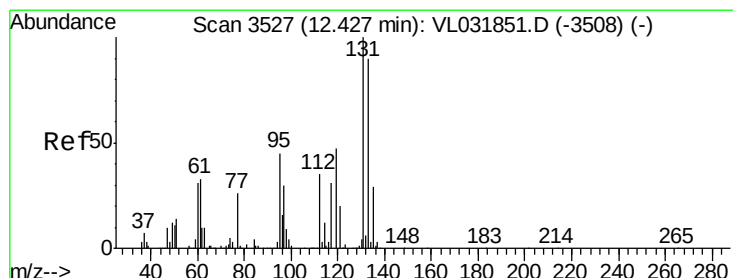
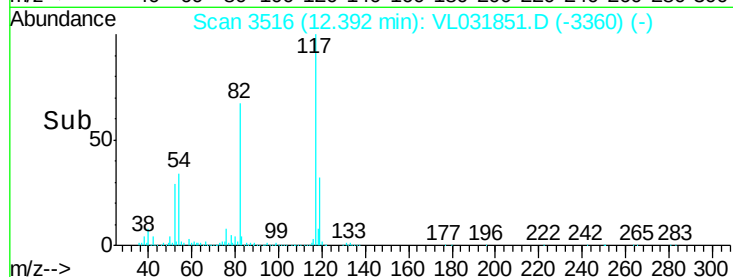
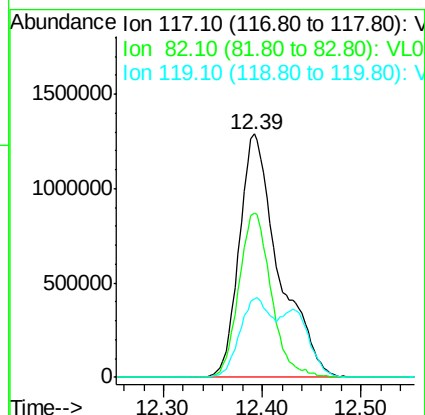
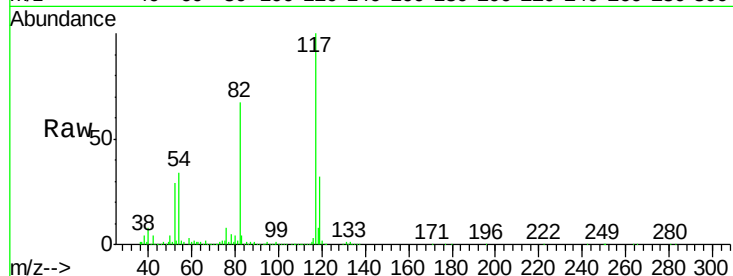




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.39 min Scan# 3516
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

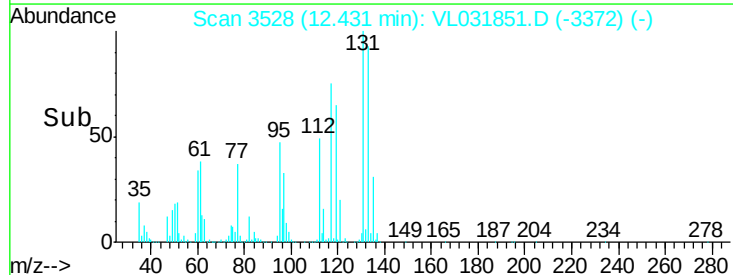
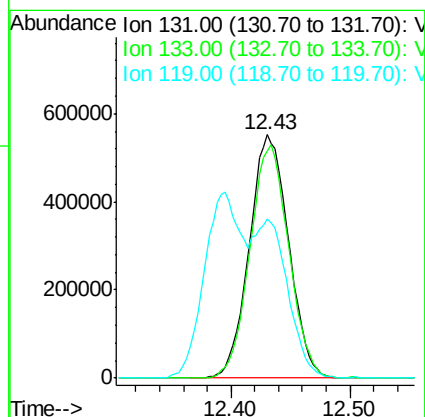
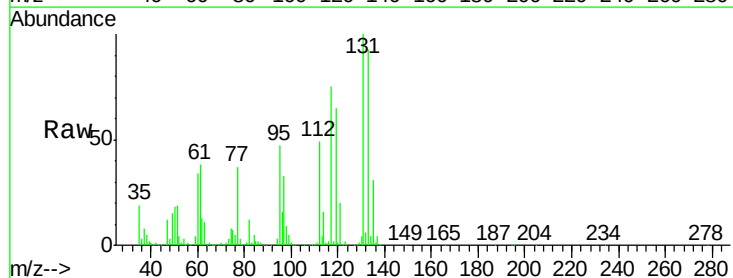
Instrument :
MSVOA_L
ClientSampleId :

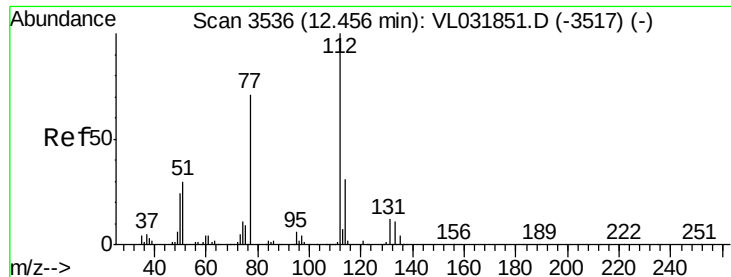
Tot Ion:117 Resp: 3575854
Ion Ratio Lower Upper
117 100
82 55.4 52.9 79.3
119 46.8 43.8 65.6



#56
1,1,1,2-Tetrachloroethane
Concen: 7.491 ppbv
RT: 12.43 min Scan# 3528
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

Tgt Ion:131 Resp: 1260564
Ion Ratio Lower Upper
131 100
133 95.1 75.9 113.9
119 132.9 106.7 160.1

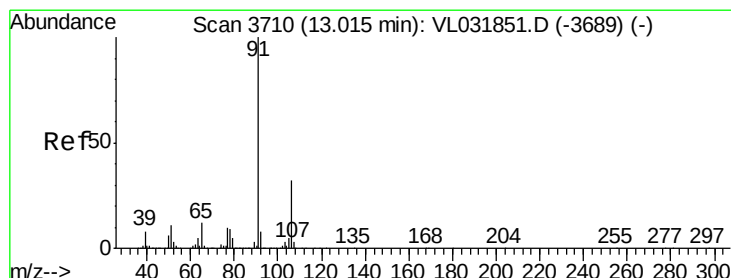
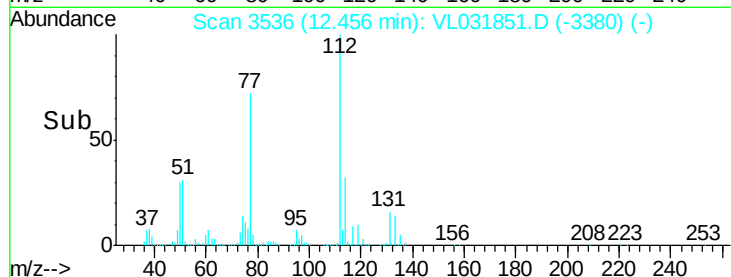
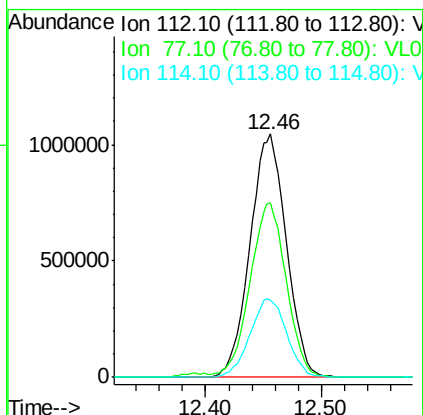
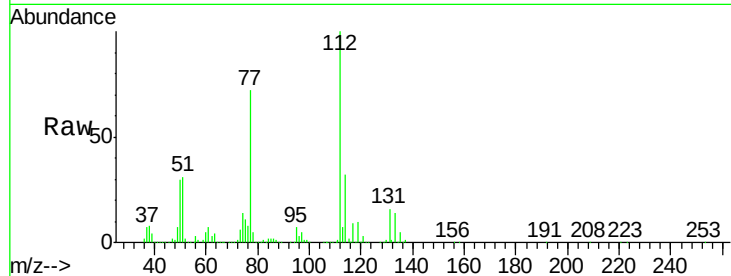




#57
Chlorobenzene
Concen: 7.520 ppbv
RT: 12.46 min Scan# 3536
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

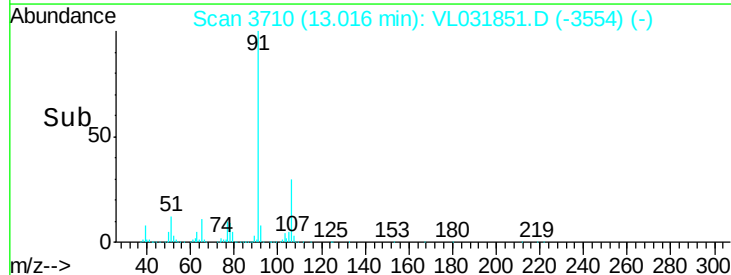
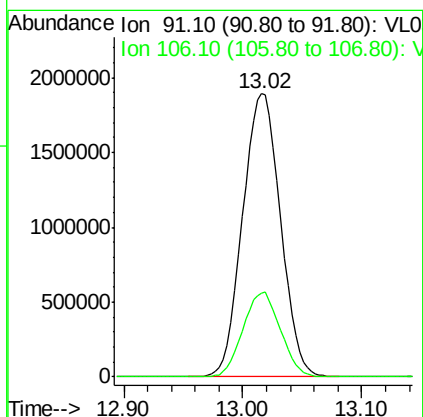
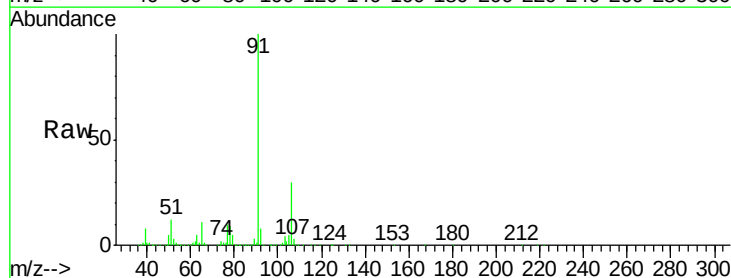
Instrument :
MSVOA_L
ClientSampled :

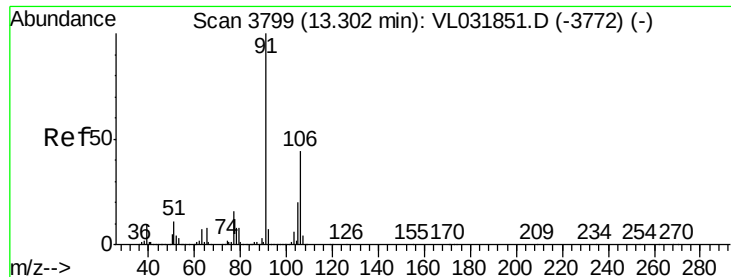
Tot Ion:112 Resp: 2279895
Ion Ratio Lower Upper
112 100
77 71.3 58.2 87.2
114 31.7 28.4 34.7



#58
Ethyl Benzene
Concen: 8.407 ppbv
RT: 13.02 min Scan# 3710
Delta R.T. 0.00 min
Lab File: VL031851.D
Acq: 12 Apr 2018 00:18

Tgt Ion: 91 Resp: 4175072
Ion Ratio Lower Upper
91 100
106 29.7 25.4 38.0





#59

m/p-Xylene

Concen: 8.326 ppbv

RT: 13.30 min Scan# 3799

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

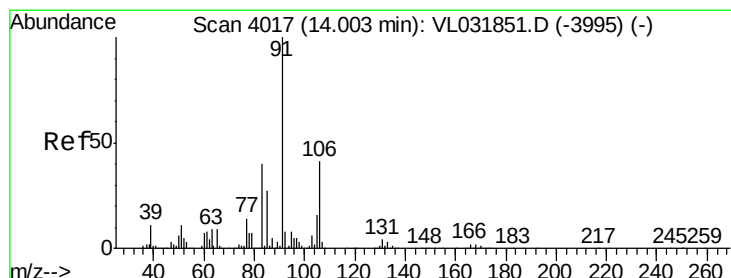
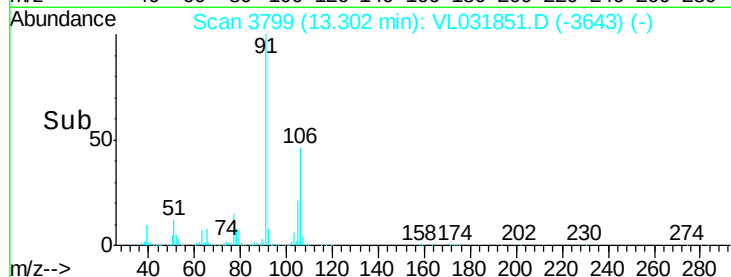
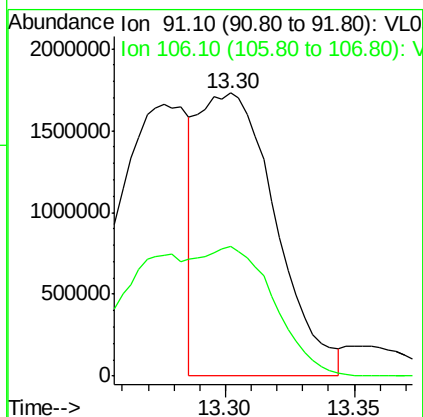
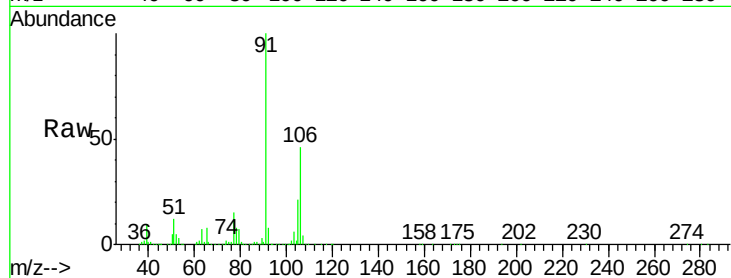
ClientSampleId :

Tot Ion: 91 Resp: 3590164

Ion Ratio Lower Upper

91 100

106 84.6 0.0 0.0#



#60

o-Xylene

Concen: 8.164 ppbv

RT: 14.00 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VL031851.D

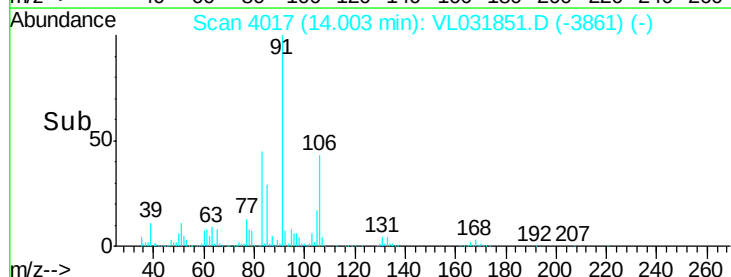
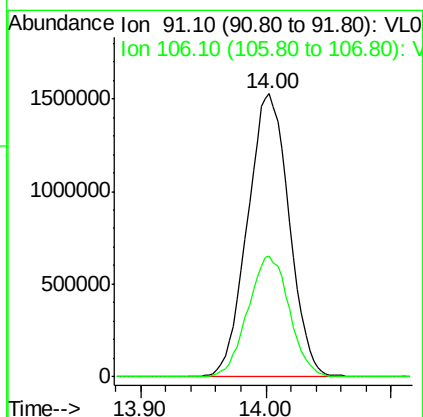
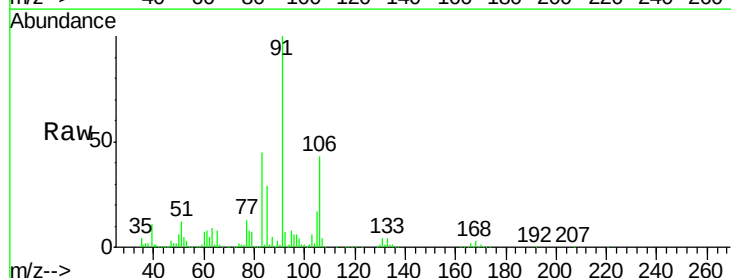
Acq: 12 Apr 2018 00:18

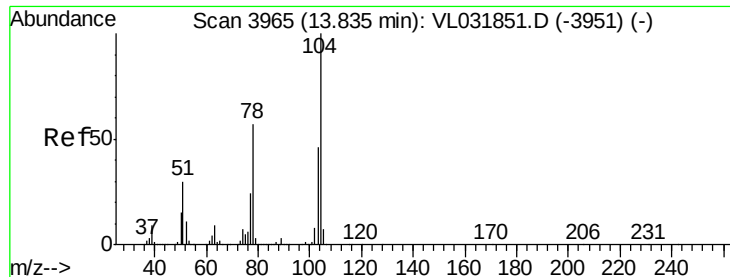
Tgt Ion: 91 Resp: 3518685

Ion Ratio Lower Upper

91 100

106 42.6 21.0 63.0





#61

Stvrene

Concen: 10.065 ppbv

RT: 13.84 min Scan# 3966

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

ClientSampleId :

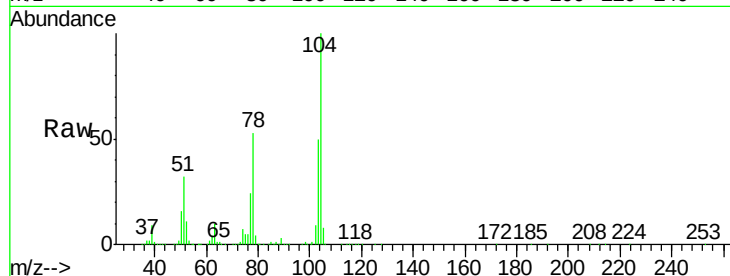
Tot Ion:104 Resp: 826058

Ion Ratio Lower Upper

104 100

78 55.4 44.6 66.8

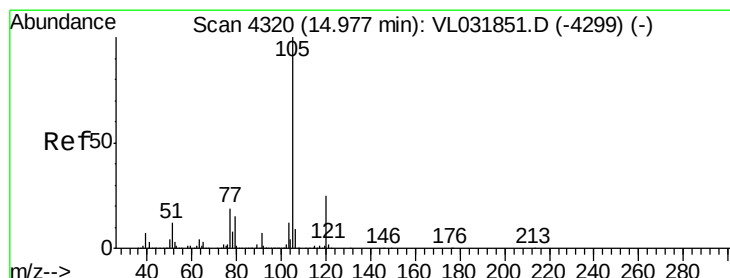
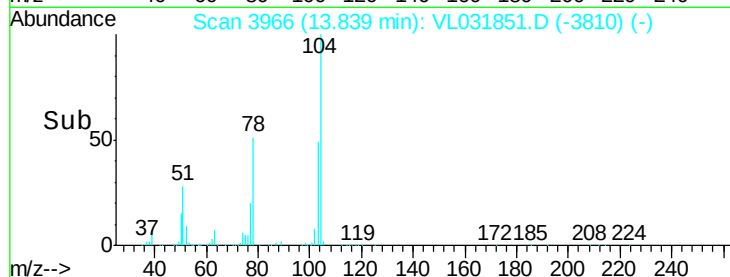
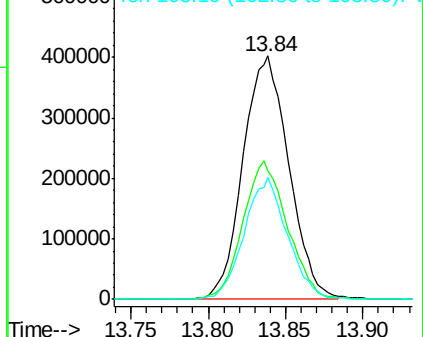
103 47.3 37.9 56.9



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: 8.038 ppbv

RT: 14.98 min Scan# 4321

Delta R.T. 0.00 min

Lab File: VL031851.D

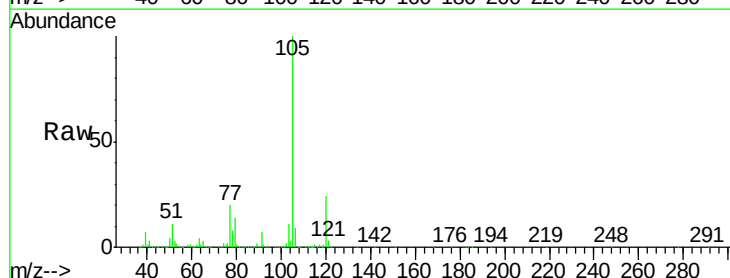
Acq: 12 Apr 2018 00:18

Tgt Ion:105 Resp: 4449761

Ion Ratio Lower Upper

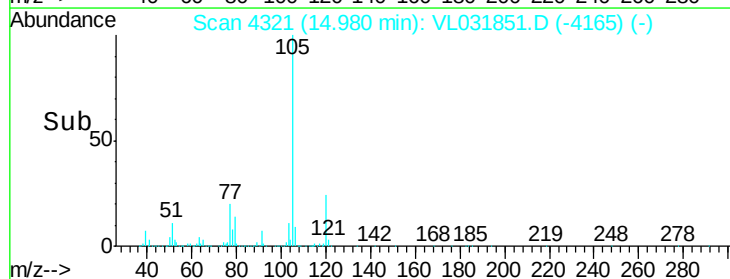
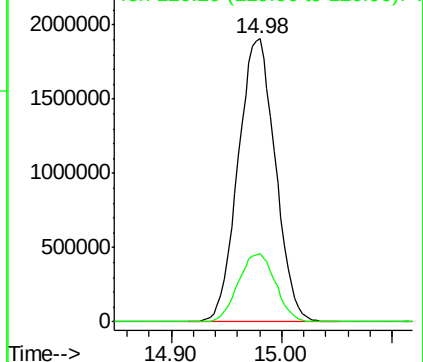
105 100

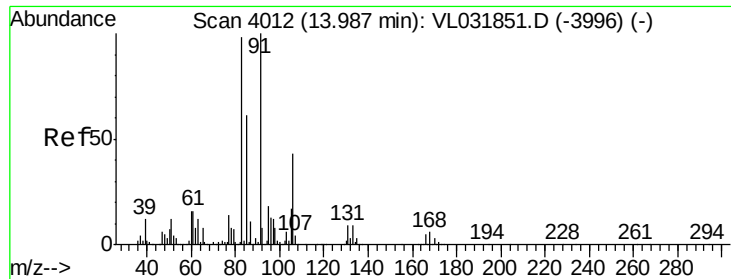
120 24.4 19.8 29.6



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: 7.139 ppbv

RT: 13.99 min Scan# 4013

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

ClientSampleId :

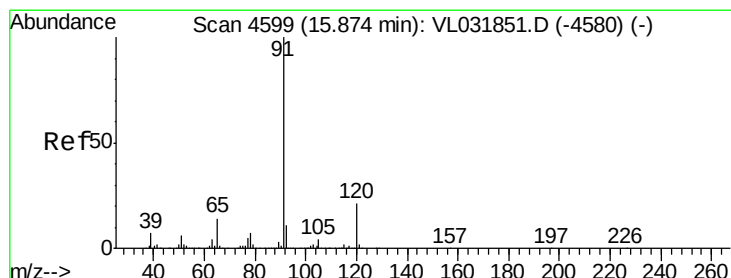
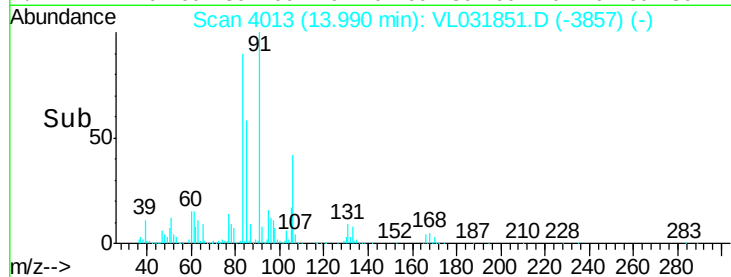
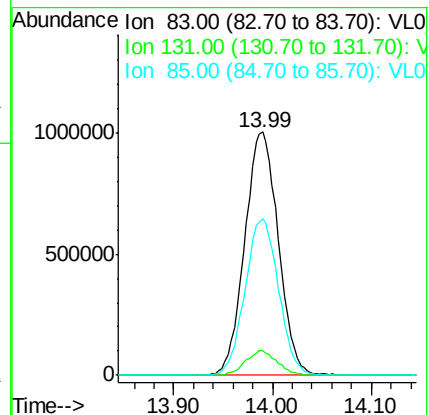
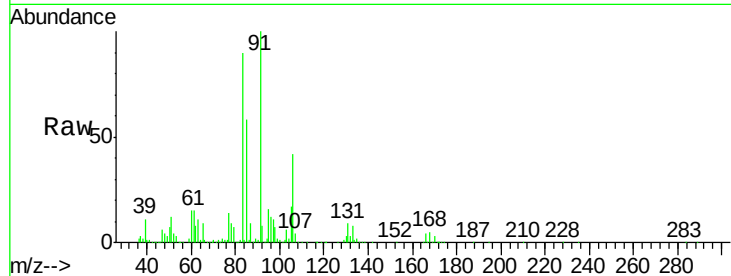
Tot Ion: 83 Resp: 2365604

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

85 64.4 32.8 98.4



#64

n-propylbenzene

Concen: 8.201 ppbv

RT: 15.88 min Scan# 4600

Delta R.T. 0.00 min

Lab File: VL031851.D

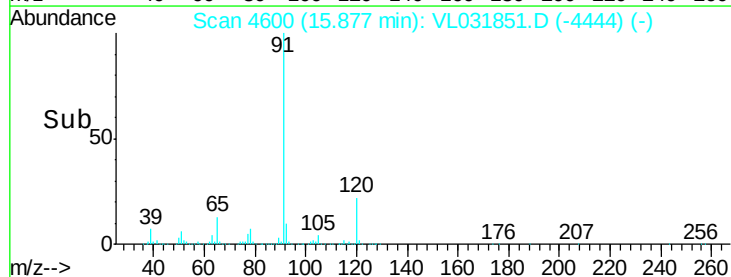
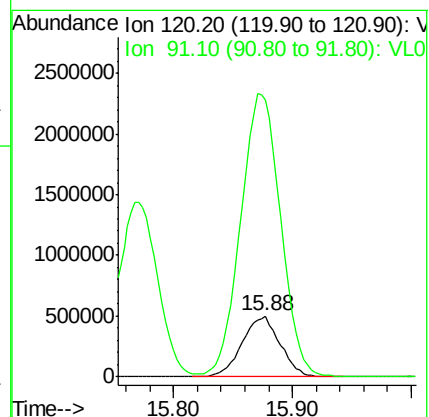
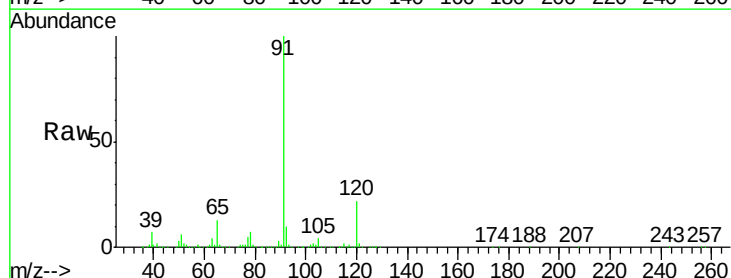
Acq: 12 Apr 2018 00:18

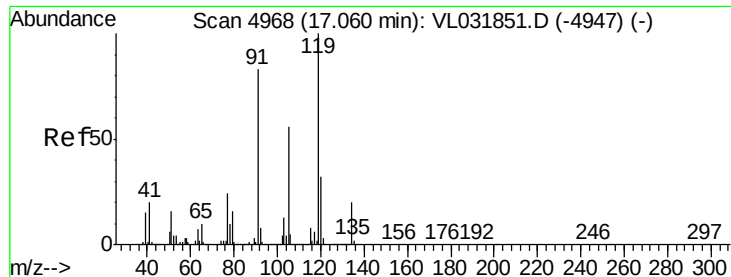
Tgt Ion:120 Resp: 1103676

Ion Ratio Lower Upper

120 100

91 492.6 397.3 595.9





#65

tert-Butylbenzene

Concen: 8.041 ppbv

RT: 17.06 min Scan# 4968

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

ClientSampleId :

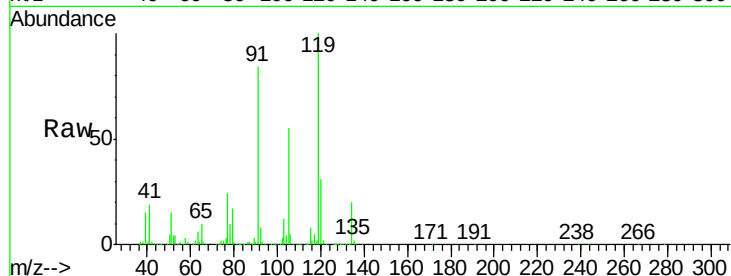
Tot Ion:119 Resp: 3828841

Ion Ratio Lower Upper

119 100

91 86.7 69.0 103.6

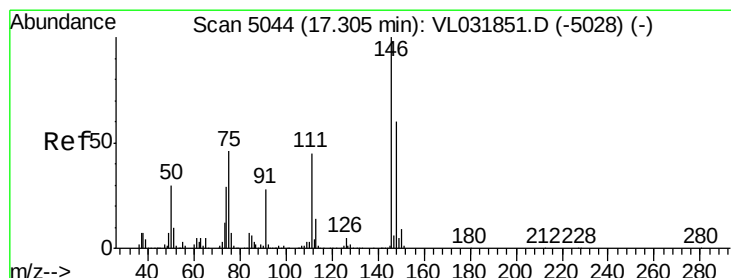
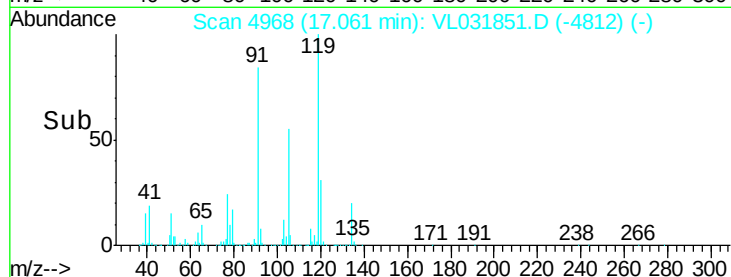
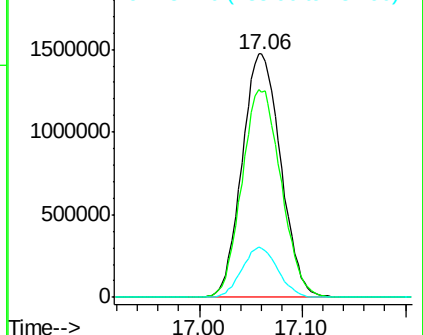
134 19.3 15.4 23.0



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 8.781 ppbv

RT: 17.31 min Scan# 5045

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

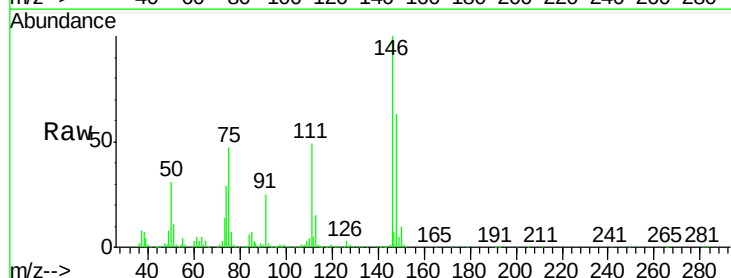
Tgt Ion: 91 Resp: 376721

Ion Ratio Lower Upper

91 100

126 15.9 12.7 19.1

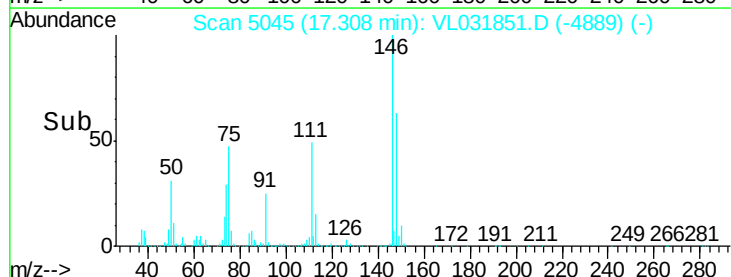
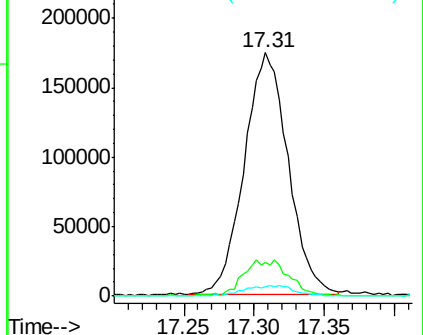
128 5.0 4.1 6.1

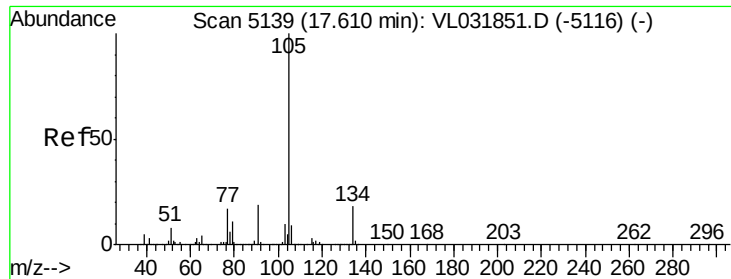


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.936 ppbv

RT: 17.61 min Scan# 5139

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

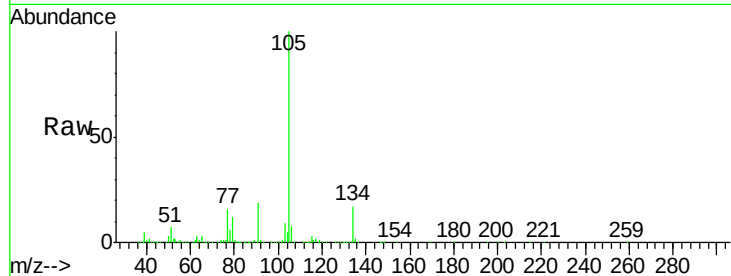
ClientSampled :

Tot Ion:105 Resp: 5443399

Ion Ratio Lower Upper

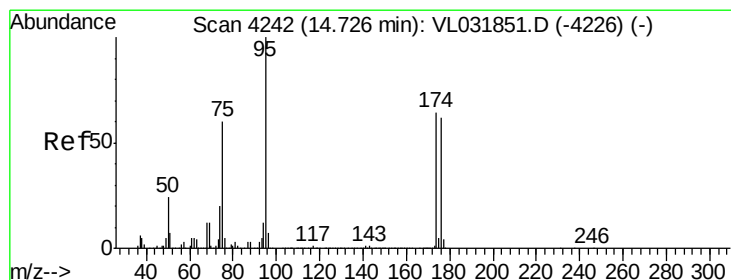
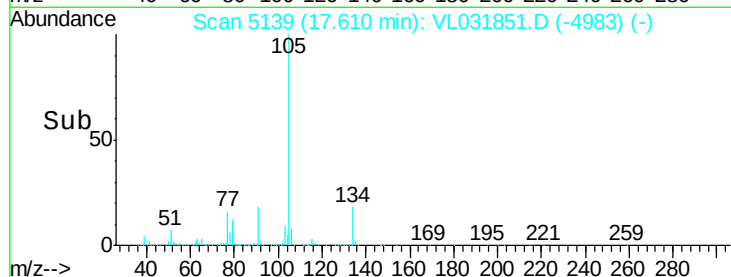
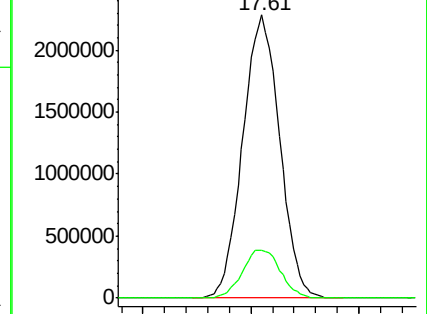
105 100

134 17.7 14.0 21.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.272 ppbv

RT: 14.73 min Scan# 4243

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

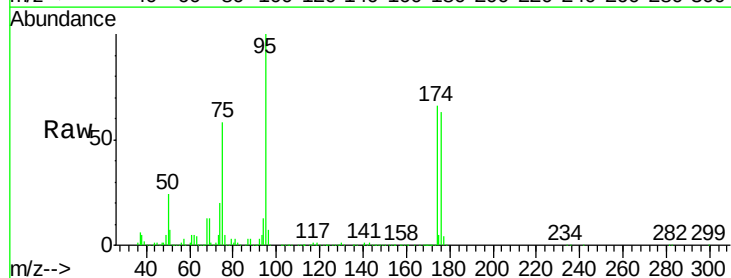
Tgt Ion: 95 Resp: 2378457

Ion Ratio Lower Upper

95 100

174 65.4 52.2 78.2

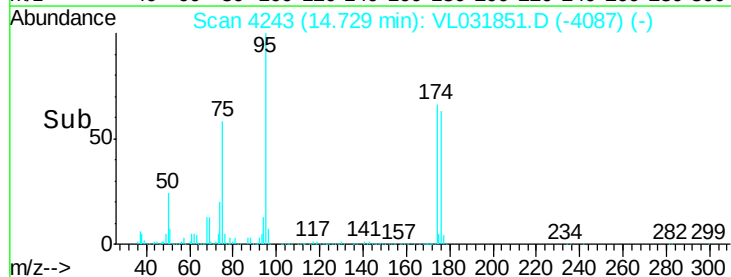
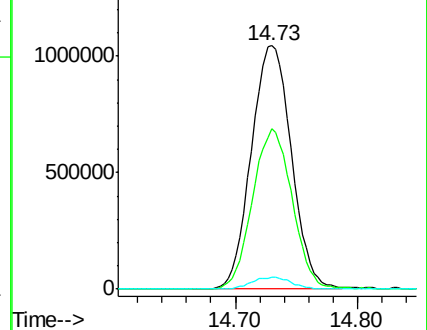
175 4.9 3.8 5.8

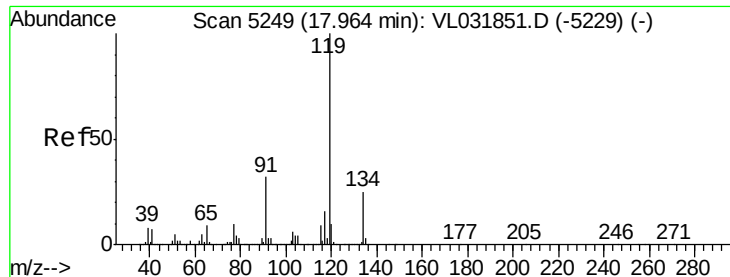


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#69

p-Isopropyltoluene

Concen: 8.262 ppbv

RT: 17.96 min Scan# 5249

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

ClientSampled :

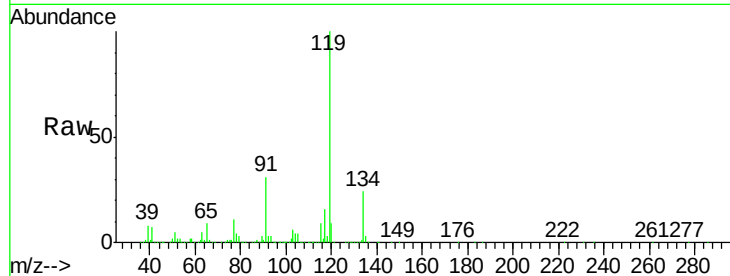
Tot Ion:119 Resp: 4393189

Ion Ratio Lower Upper

119 100

134 25.0 19.7 29.5

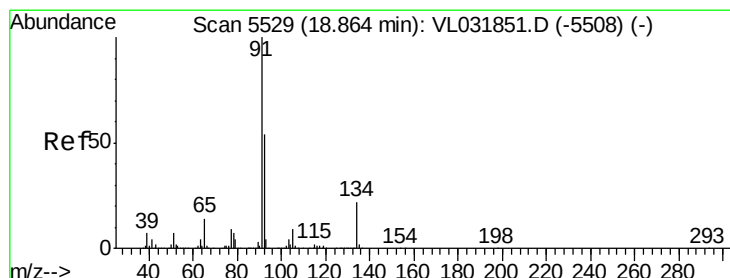
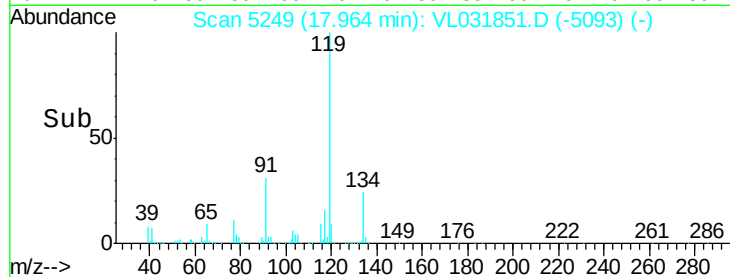
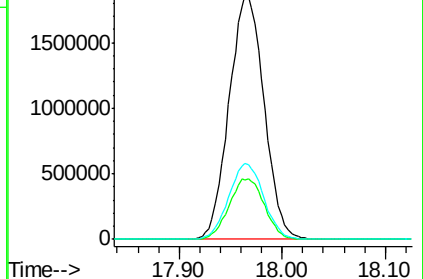
91 31.1 24.6 37.0



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: 8.269 ppbv

RT: 18.86 min Scan# 5529

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

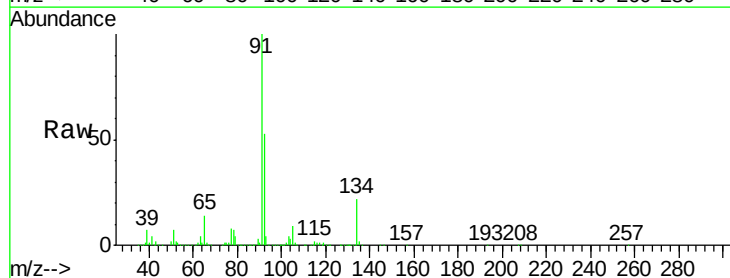
Tgt Ion: 91 Resp: 4578414

Ion Ratio Lower Upper

91 100

92 52.8 42.2 63.4

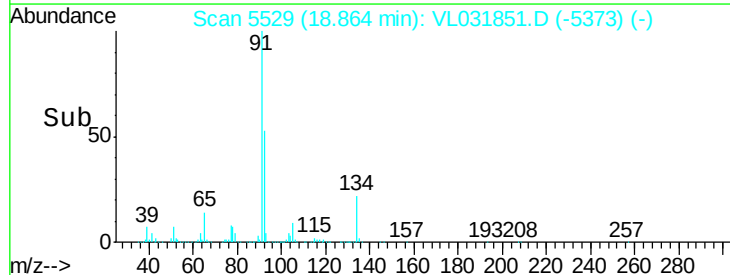
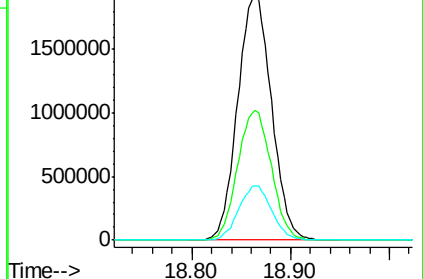
134 21.6 17.2 25.8

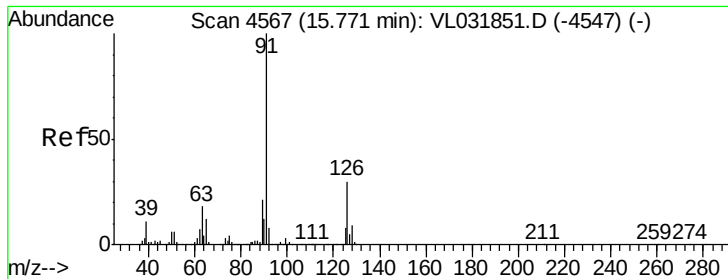


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 8.323 ppbv

RT: 15.77 min Scan# 4566

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

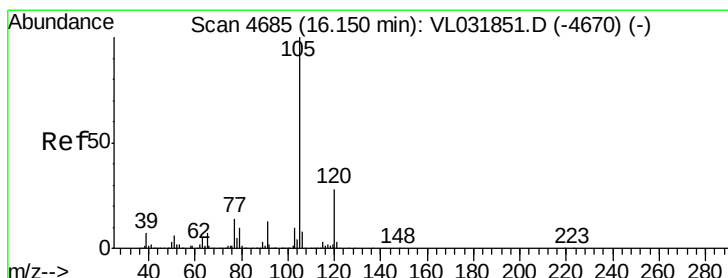
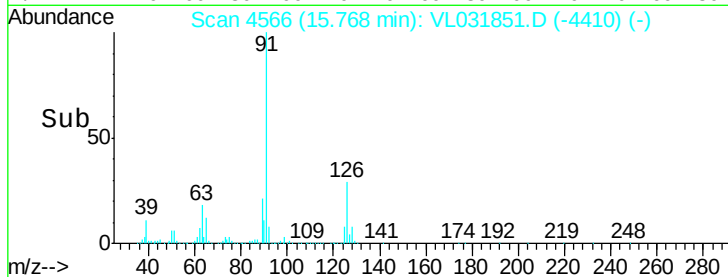
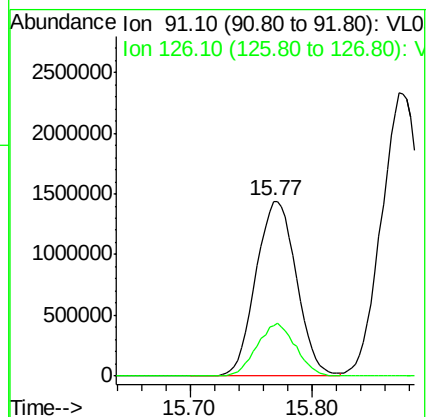
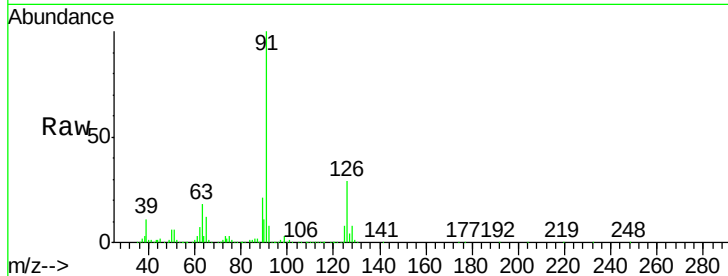
ClientSampleId :

Tot Ion: 91 Resp: 3331540

Ion Ratio Lower Upper

91 100

126 28.9 11.5 45.9



#72

4-Ethyltoluene

Concen: 8.365 ppbv

RT: 16.15 min Scan# 4685

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Tgt Ion:105 Resp: 3684473

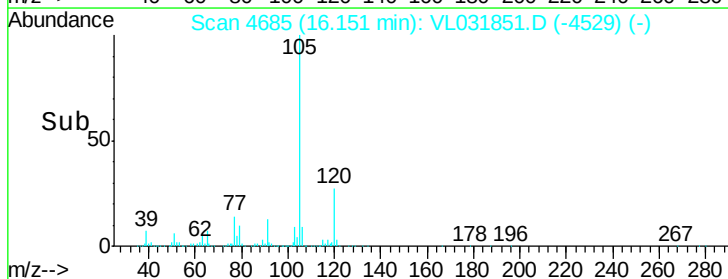
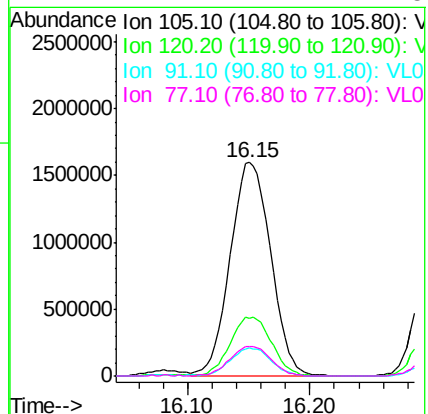
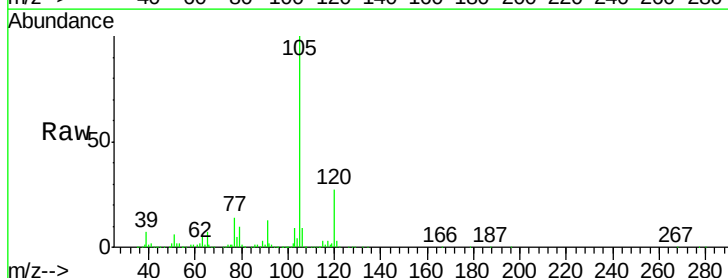
Ion Ratio Lower Upper

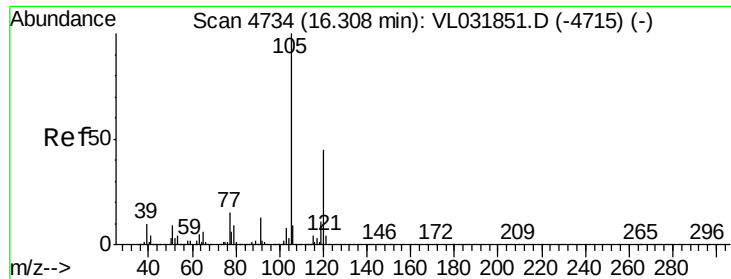
105 100

120 28.3 22.6 33.8

91 13.5 10.7 16.1

77 14.2 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 8.311 ppbv

RT: 16.31 min Scan# 4734

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

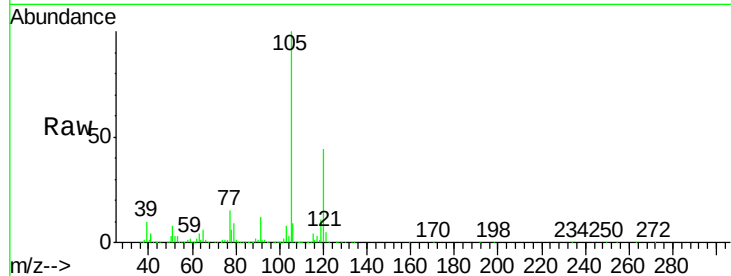
ClientSampled :

Tot Ion:105 Resp: 3350878

Ion Ratio Lower Upper

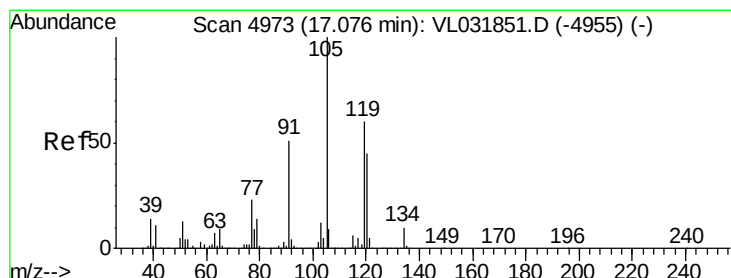
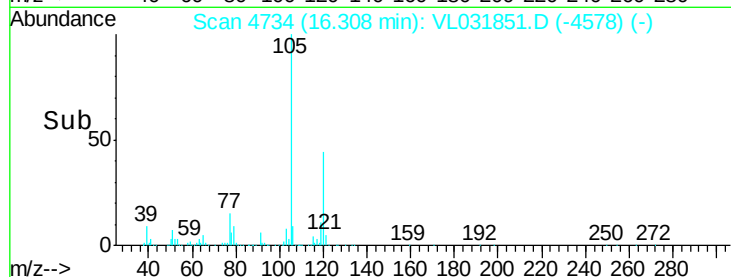
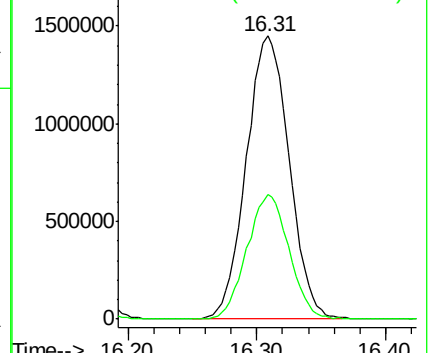
105 100

120 44.1 36.3 54.5



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: 7.766 ppbv

RT: 17.08 min Scan# 4973

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Tgt Ion:105 Resp: 3495202

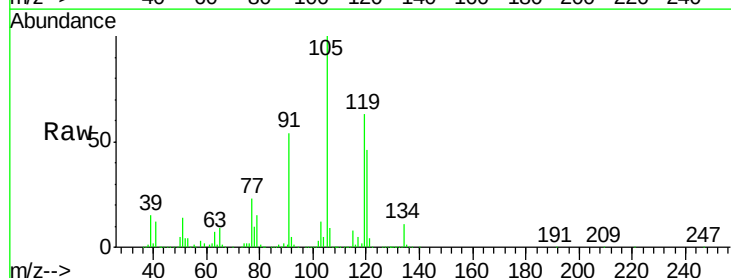
Ion Ratio Lower Upper

105 100

120 46.2 36.2 54.4

91 53.7 43.3 64.9

77 23.4 18.8 28.2

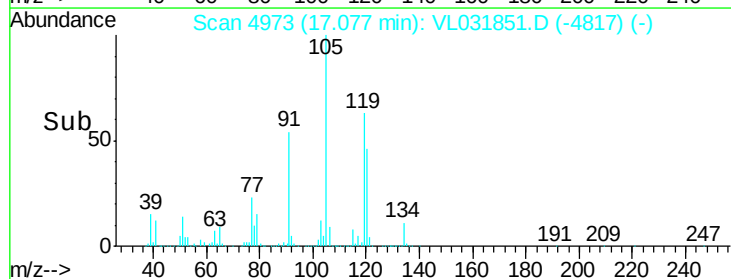
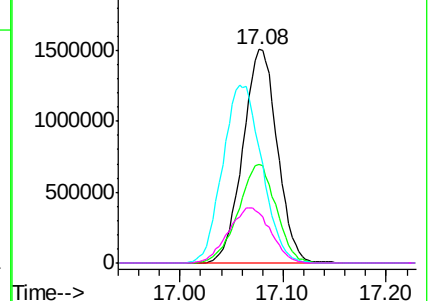


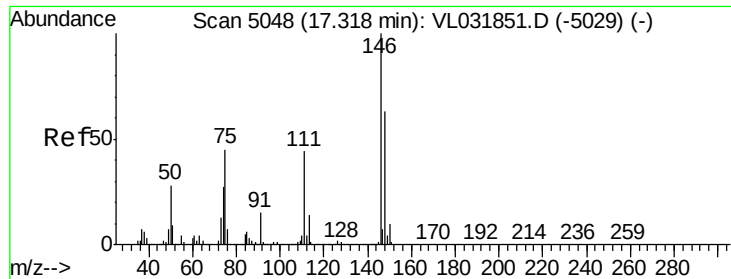
Abundance Ion 105.10 (104.80 to 105.80): V

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: 7.745 ppbv

RT: 17.32 min Scan# 5048

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Instrument :

MSVOA_L

ClientSampled :

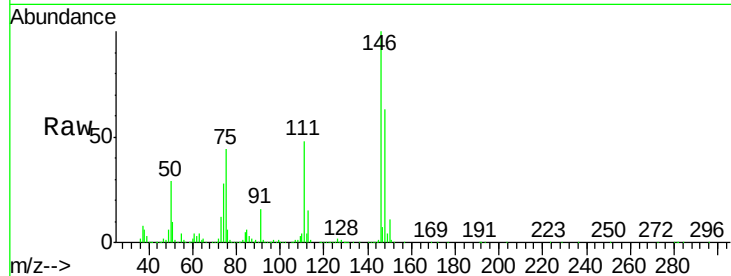
Tot Ion:146 Resp: 2137880

Ion Ratio Lower Upper

146 100

111 47.6 23.4 70.0

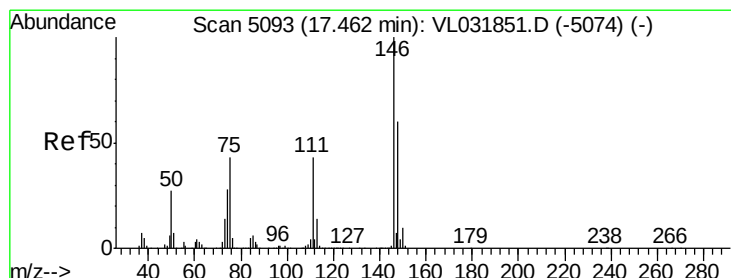
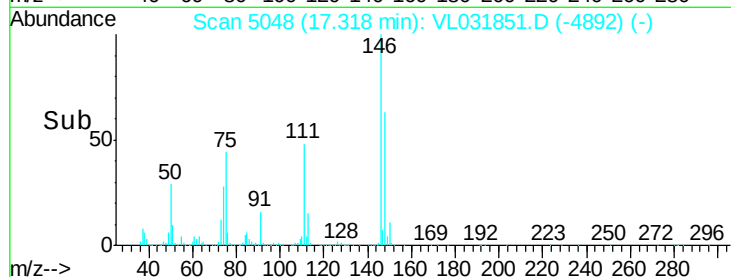
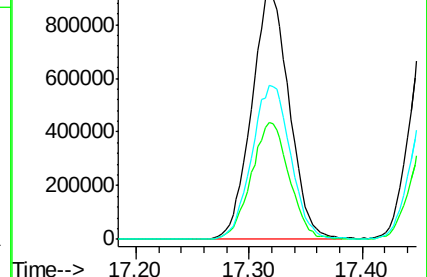
148 64.1 32.1 96.5



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: 8.028 ppbv

RT: 17.46 min Scan# 5093

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

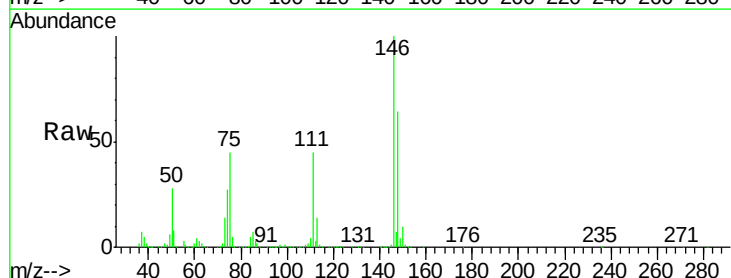
Tgt Ion:146 Resp: 2149684

Ion Ratio Lower Upper

146 100

111 45.9 22.9 68.7

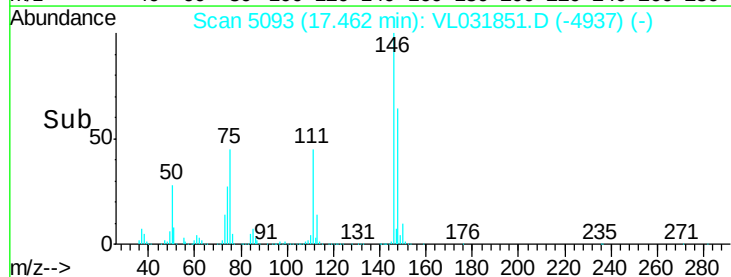
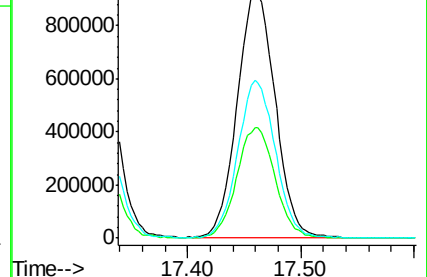
148 64.1 32.1 96.5

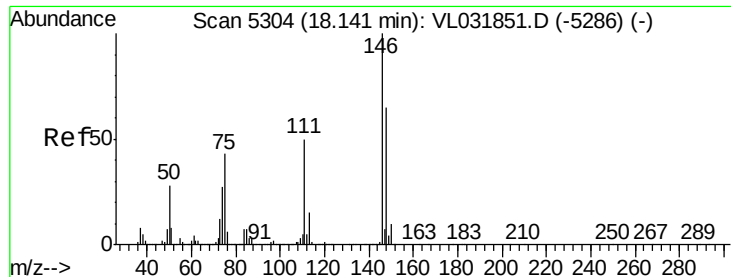


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

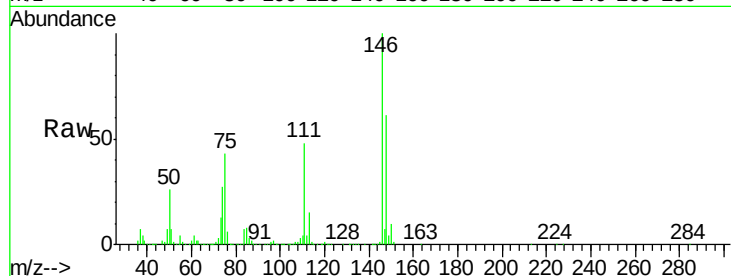




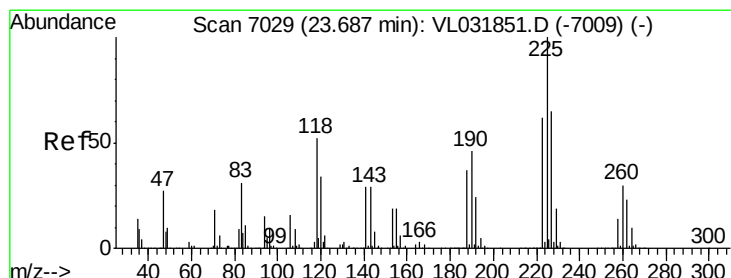
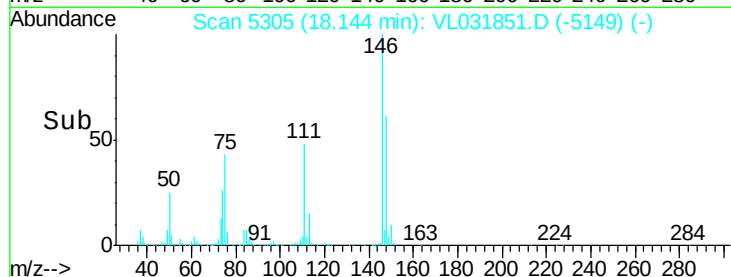
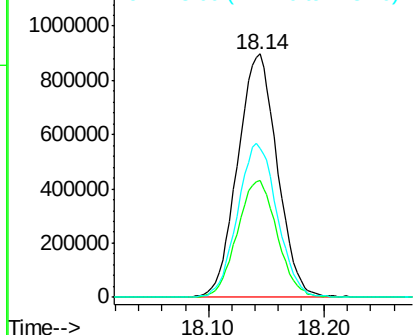
#77
 1,2-Dichlorobenzene
 Concen: 7.844 ppbv
 RT: 18.14 min Scan# 5305
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion:146 Resp: 2132108
 Ion Ratio Lower Upper
 146 100
 111 48.5 24.3 72.8
 148 63.5 31.7 95.1

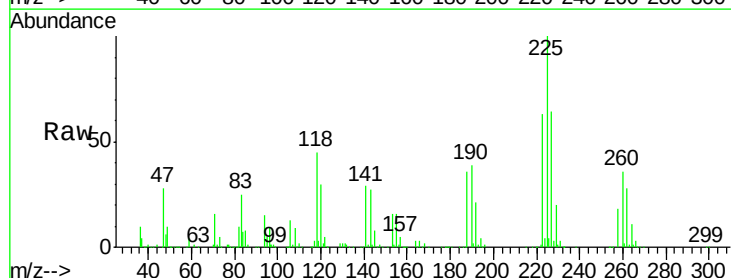


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

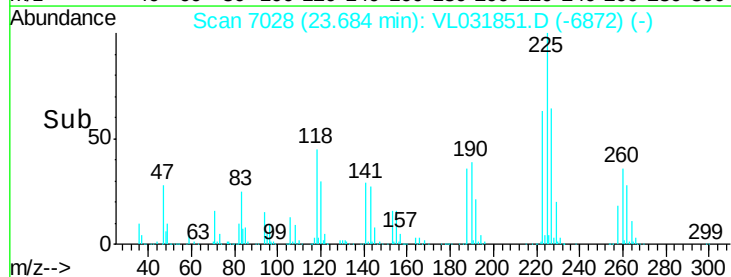
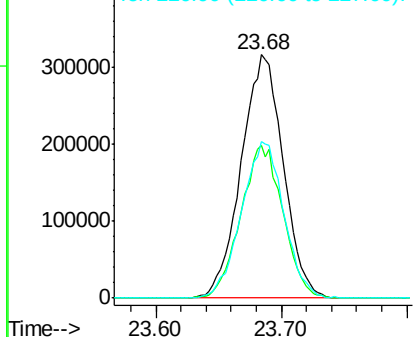


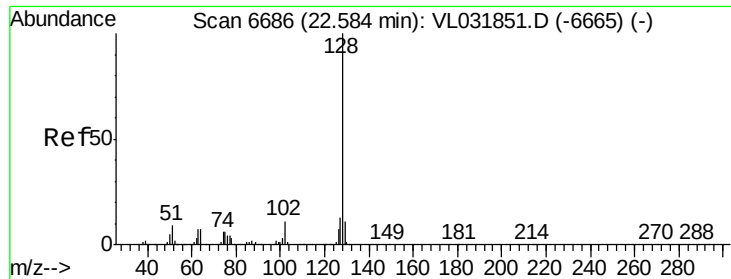
#78
 Hexachloro-1,3-Butadiene
 Concen: 7.017 ppbv
 RT: 23.68 min Scan# 7028
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

Tgt Ion:225 Resp: 732431
 Ion Ratio Lower Upper
 225 100
 223 63.3 50.3 75.5
 227 65.3 50.8 76.2



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: 9.712 ppbv

RT: 22.59 min Scan# 6688

Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

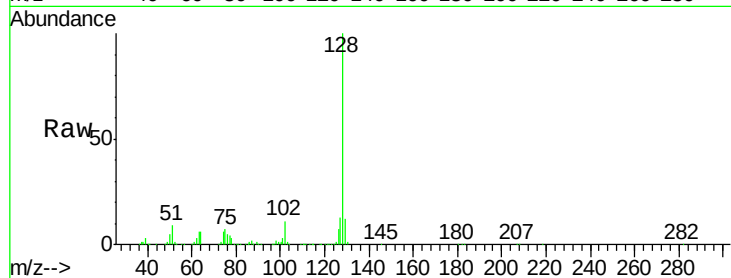
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:128 Resp: 2460517

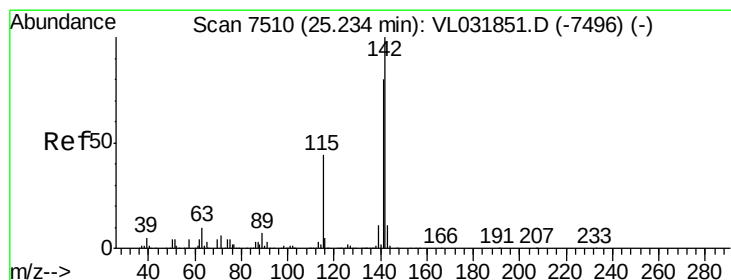
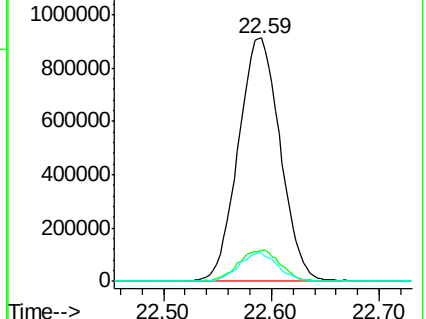
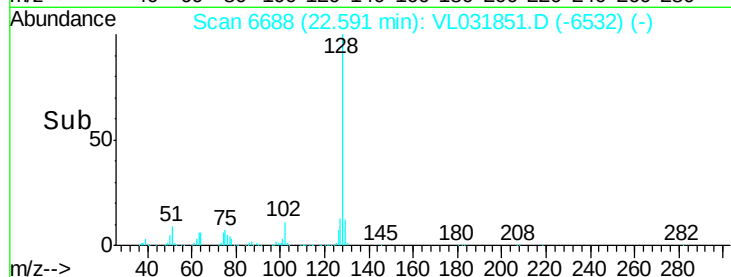
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.8	9.1	13.7



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: 14.616 ppbv

RT: 25.23 min Scan# 7509

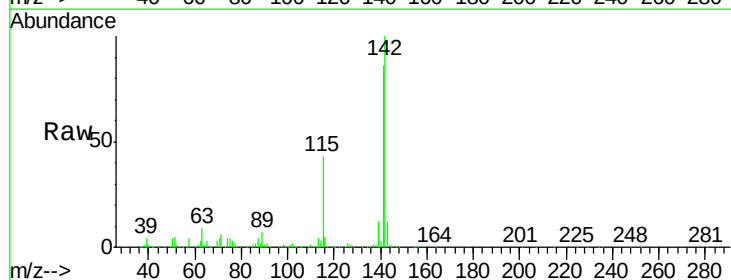
Delta R.T. 0.00 min

Lab File: VL031851.D

Acq: 12 Apr 2018 00:18

Tgt Ion:142 Resp: 722829

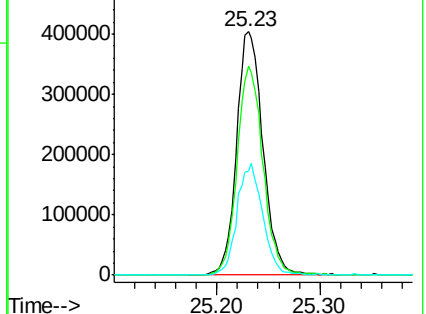
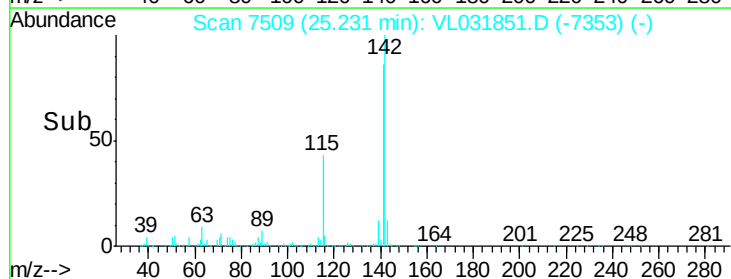
Ion	Ratio	Lower	Upper
142	100		
141	83.9	65.8	98.8
115	44.7	35.8	53.6

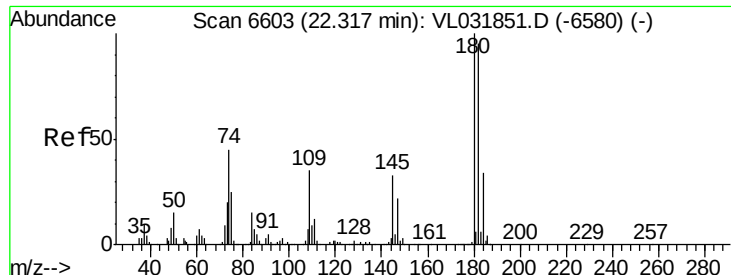


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 9.024 ppbv
 RT: 22.31 min Scan# 6601
 Delta R.T. 0.00 min
 Lab File: VL031851.D
 Acq: 12 Apr 2018 00:18

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 1268397
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.6 114.8
 184 30.2 25.0 37.4

