

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL060118\
 Data File : VL032027.D
 Acq On : 1 Jun 2018 18:57
 Operator : SY/AP
 Sample : VL0601ABS01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

Quant Time: Jun 02 02:02:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL053118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 01 02:31:35 2018
 QLast Update : Fri Jun 01 02:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.87	49	1288053	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.41	114	2474894	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.37	117	2636907	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.71	95	1981125	9.73	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.30%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.15	85	1303557	8.42	ppbv	100
3) Chlorodifluoromethane	3.08	51	1132562	9.35	ppbv	99
4) Chloromethane	3.24	50	607070	9.88	ppbv	100
5) Vinyl Chloride	3.37	62	639987	9.38	ppbv	97
6) Bromomethane	3.59	94	461068	9.83	ppbv	97
7) Chloroethane	3.68	64	270645	9.31	ppbv	97
8) Dichlorotetrafluoroethane	3.30	85	1622762	9.61	ppbv	99
9) Propene	3.11	41	417909	10.56	ppbv	99
10) Heptane	8.37	43	1485526	10.58	ppbv	100
11) Trichlorofluoromethane	4.09	101	1956012	8.20	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.65	101	1540587	9.42	ppbv	99
13) Ethanol	3.73	45	131918	8.53	ppbv	98
14) Bromoethene	3.87	108	533070	9.27	ppbv	99
15) Acetone	3.99	43	1286859	8.28	ppbv	99
16) 1,3-Butadiene	3.44	39	566747	9.99	ppbv	94
17) tert-Butyl alcohol	4.45	59	802741	10.77	ppbv	99
18) 1,1-Dichloroethene	4.44	96	715972	10.07	ppbv	93
19) Isopropyl Alcohol	4.12	45	393484	3.83	ppbv #	91
20) Methylene Chloride	4.50	84	688649	9.76	ppbv	98
21) Allyl Chloride	4.57	41	1098022	10.03	ppbv	99
22) trans-1,2-Dichloroethene	5.06	96	767557	10.04	ppbv	97
23) Vinyl Acetate	5.25	43	2152588	10.24	ppbv	99
24) 1,1-Dichloroethane	5.19	63	1993661	9.74	ppbv	99
25) Ethyl Acetate	5.87	43	2975873	9.67	ppbv	100
26) Hexane	5.88	57	1427126	9.98	ppbv	100
27) Carbon Disulfide	4.71	76	1952192	10.42	ppbv	99
28) Methyl tert-Butyl Ether	5.21	73	1901651	10.75	ppbv	100
29) Chloroform	5.96	83	2268145	9.40	ppbv	98
30) Cyclohexane	7.37	84	921760	10.92	ppbv	97
31) cis-1,2-Dichloroethene	5.75	61	1352072	10.51	ppbv	98
32) 1,1,1-Trichloroethane	6.74	97	1914816	9.74	ppbv	100
34) 2-Butanone	5.43	43	1990687	10.23	ppbv	100
35) Carbon Tetrachloride	7.25	117	1962516	9.30	ppbv	99
36) Benzene	7.12	78	2192639	10.08	ppbv	98
37) 1,2-Dichloroethane	6.52	62	1614178	10.29	ppbv	100
38) Trichloroethene	8.08	130	932646	11.18	ppbv	98
39) 1,2-Dichloropropane	7.86	63	814436	10.16	ppbv	97
40) 1,4-Dioxane	8.07	88	349594	10.14	ppbv #	1
41) Tetrahydrofuran	6.26	42	826322	9.89	ppbv	99
42) Bromodichloromethane	8.04	83	1938385	9.89	ppbv	98
43) Methyl Methacrylate	8.25	69	833993	11.01	ppbv	98

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL060118\
 Data File : VL032027.D
 Acq On : 1 Jun 2018 18:57
 Operator : SY/AP
 Sample : VL0601ABS01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

Quant Time: Jun 02 02:02:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL053118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 01 02:31:35 2018
 QLast Update : Fri Jun 01 02:31:35 2018
 Response via : Initial Calibration

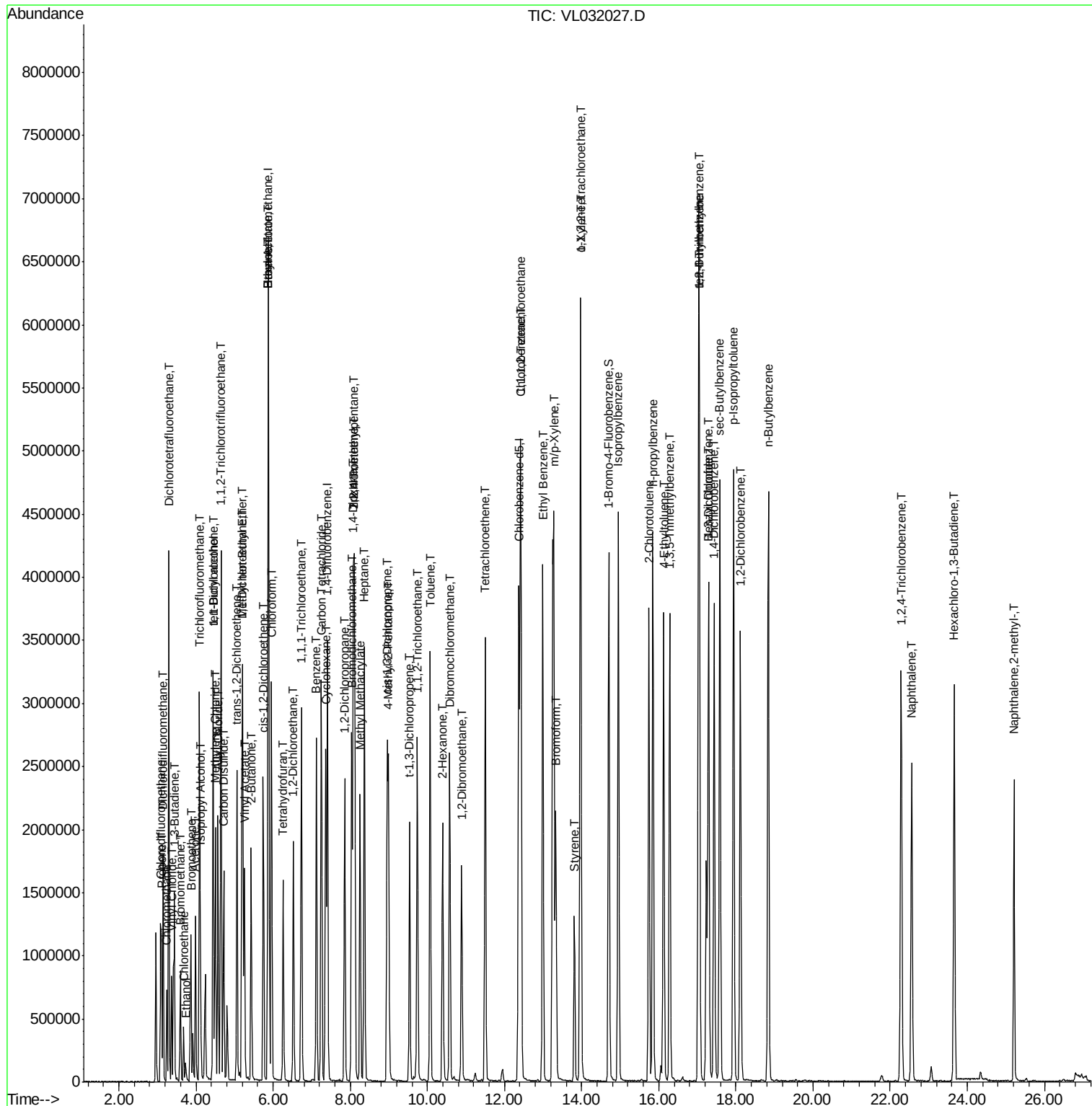
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	8.11	57	3779699	10.15	ppbv	100
45) t-1,3-Dichloropropene	9.54	75	1196004	11.68	ppbv	99
46) cis-1,3-Dichloropropene	8.95	75	1468317	11.29	ppbv	99
47) 1,1,2-Trichloroethane	9.74	97	946127	9.56	ppbv	97
48) Dibromochloromethane	10.58	129	1599275	9.76	ppbv	99
49) Bromoform	13.33	173	1229509	9.55	ppbv	100
50) 4-Methyl-2-Pentanone	8.99	43	1960516	10.36	ppbv	100
51) 2-Hexanone	10.40	43	1836365	10.81	ppbv #	100
52) Tetrachloroethene	11.50	164	856201	9.92	ppbv	97
53) Toluene	10.07	91	2651647	10.90	ppbv	99
54) 1,2-Dibromoethane	10.89	107	1414085	9.76	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.41	131	1124041	8.83	ppbv	96
57) Chlorobenzene	12.43	112	2092394	8.69	ppbv	98
58) Ethyl Benzene	12.99	91	3657795	9.87	ppbv	100
59) m/p-Xylene	13.28	91	3333462	10.26	ppbv #	42
60) o-Xylene	13.98	91	3120634	9.57	ppbv	100
61) Styrene	13.81	104	715331	11.35	ppbv	100
62) Isopropylbenzene	14.95	105	3920738	9.43	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.96	83	1963846	7.77	ppbv	99
64) n-propylbenzene	15.85	120	993496	9.57	ppbv	98
65) tert-Butylbenzene	17.03	119	3358027	9.24	ppbv	100
66) Benzyl Chloride	17.28	91	323280	8.01	ppbv	98
67) sec-Butylbenzene	17.58	105	4688572	8.89	ppbv	100
69) p-Isopropyltoluene	17.94	119	3814507	9.34	ppbv	99
70) n-Butylbenzene	18.84	91	3949580	9.39	ppbv	100
71) 2-Chlorotoluene	15.75	91	2923954	9.57	ppbv	100
72) 4-Ethyltoluene	16.13	105	3248529	10.02	ppbv	99
73) 1,3,5-Trimethylbenzene	16.29	105	2893301	9.67	ppbv	99
74) 1,2,4-Trimethylbenzene	17.05	105	3092141	9.17	ppbv	97
75) 1,3-Dichlorobenzene	17.29	146	1918382	8.28	ppbv	99
76) 1,4-Dichlorobenzene	17.43	146	1943855	8.81	ppbv	99
77) 1,2-Dichlorobenzene	18.12	146	1857141	8.47	ppbv	100
78) Hexachloro-1,3-Butadiene	23.66	225	843361	9.70	ppbv	99
79) Naphthalene	22.56	128	2957338	15.48	ppbv	96
80) Naphthalene,2-methyl-	25.21	142	1188342	25.23	ppbv	99
81) 1,2,4-Trichlorobenzene	22.29	180	1518617	13.55	ppbv	99

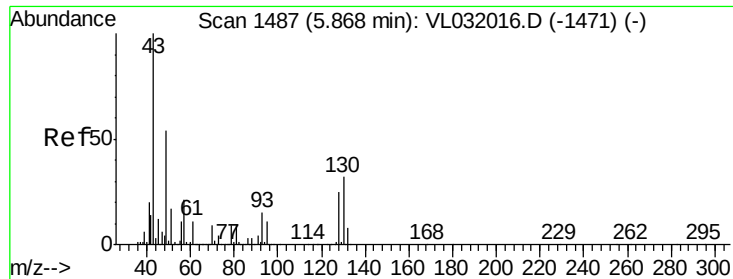
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL060118\  
Data File : VL032027.D  
Acq On    : 1 Jun 2018 18:57  
Operator  : SY/AP  
Sample    : VL0601ABS01  
Misc      : 400ml/MSVOA_L  
ALS Vial  : 1 Sample Multiplier: 1
```

Instrument :
MSVOA_L
ClientSampleId :
VL0601ABS01

Quant Time: Jun 02 02:02:28 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL053118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 01 02:31:35 2018
QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration

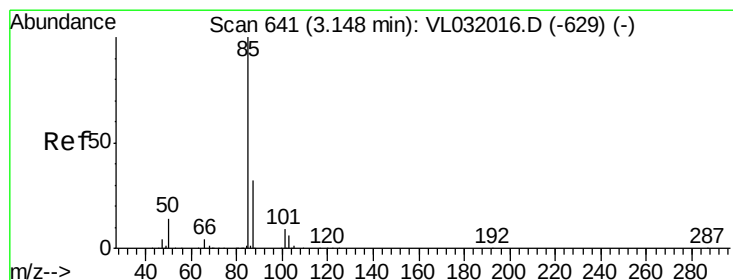
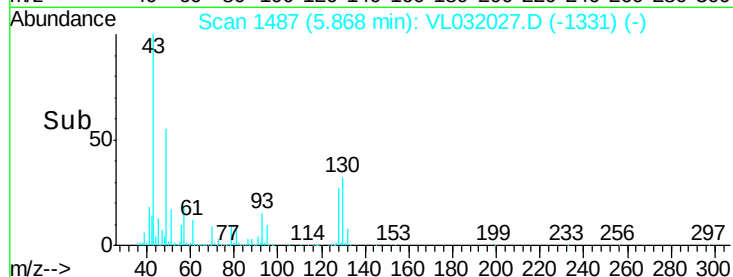
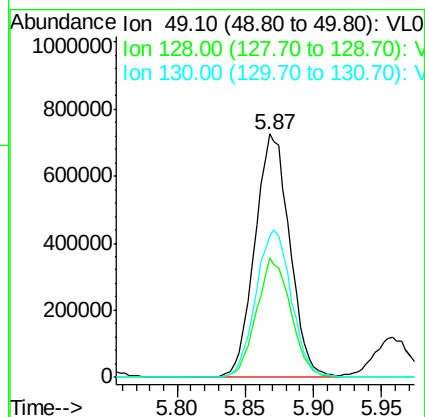
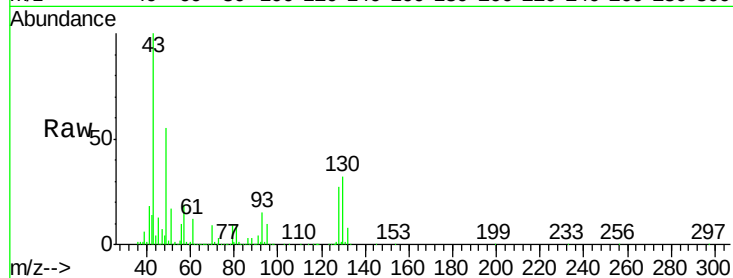




#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.87 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

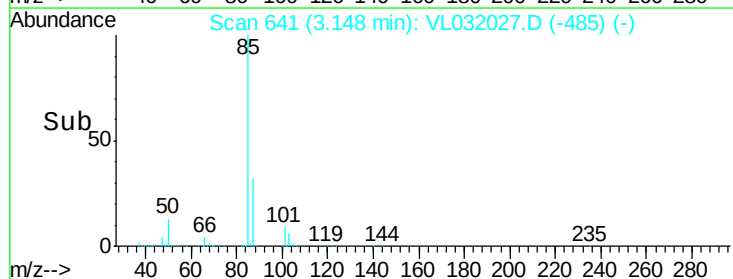
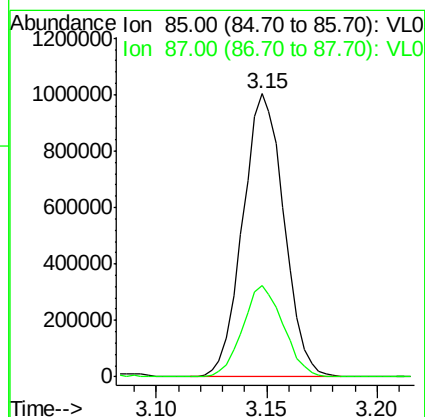
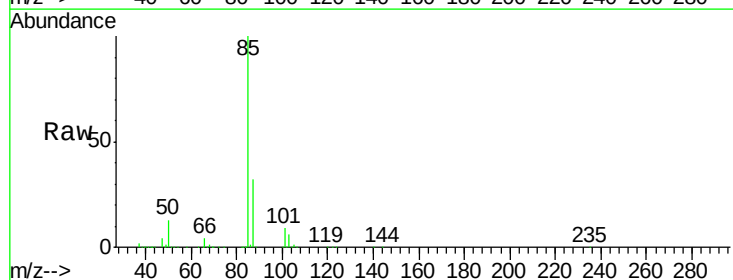
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

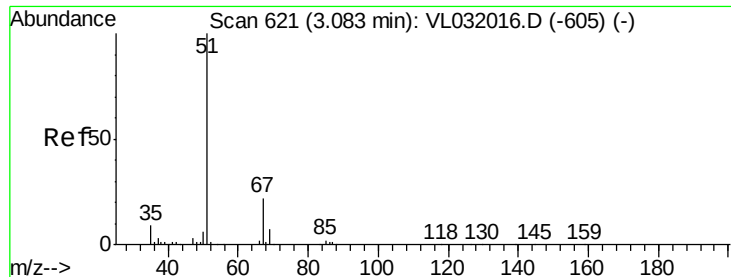
Tgt Ion: 49 Resp: 1288053
 Ion Ratio Lower Upper
 49 100
 128 48.4 24.1 72.3
 130 61.9 30.9 92.8



#2
 Dichlorodifluoromethane
 Concen: 8.42 ppbv
 RT: 3.15 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Tgt Ion: 85 Resp: 1303557
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.5 38.3





#3

Chlorodifluoromethane

Concen: 9.35 ppbv

RT: 3.08 min Scan# 621

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

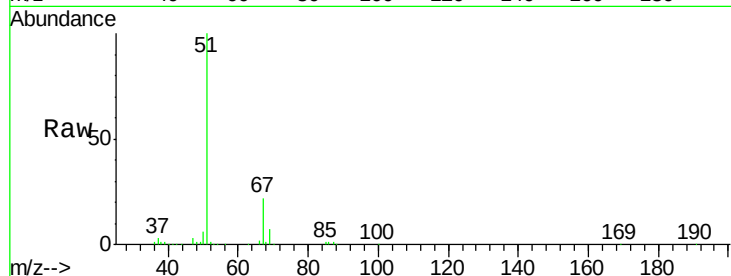
VL0601ABS01

Tgt Ion: 51 Resp: 1132562

Ion Ratio Lower Upper

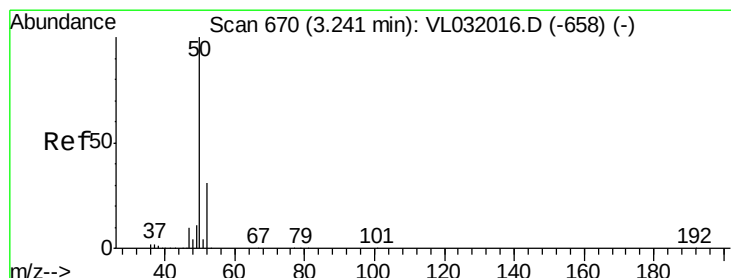
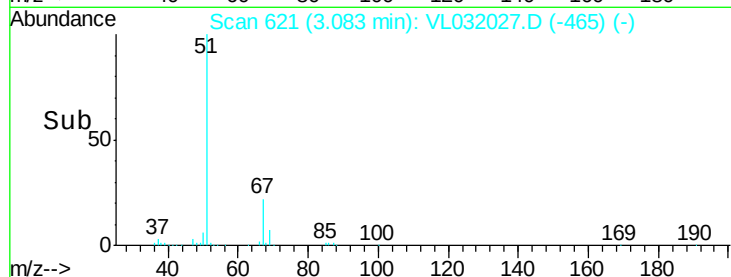
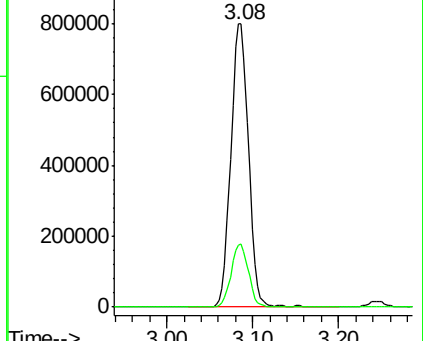
51 100

67 22.1 17.2 25.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.88 ppbv

RT: 3.24 min Scan# 671

Delta R.T. 0.00 min

Lab File: VL032027.D

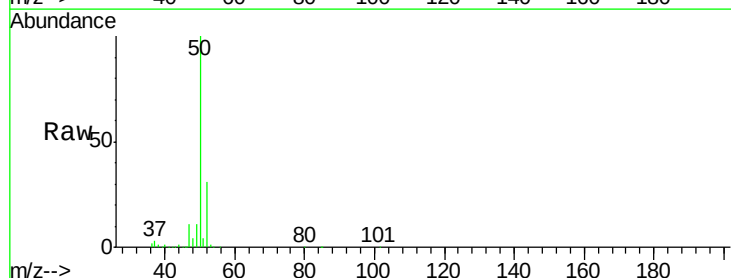
Acq: 1 Jun 2018 18:57

Tgt Ion: 50 Resp: 607070

Ion Ratio Lower Upper

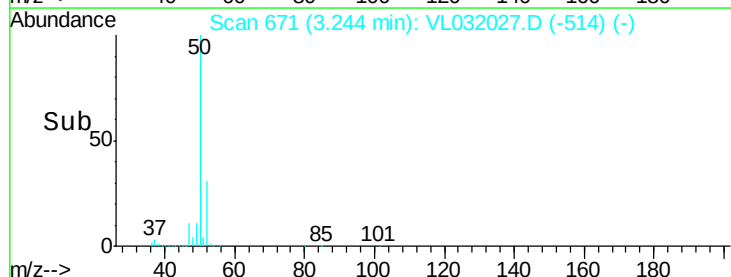
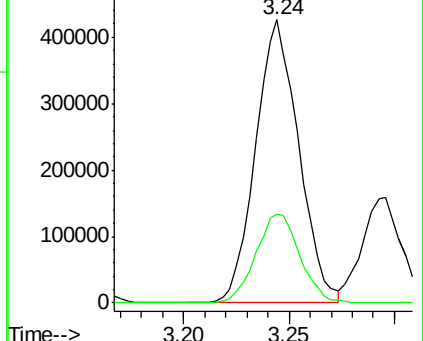
50 100

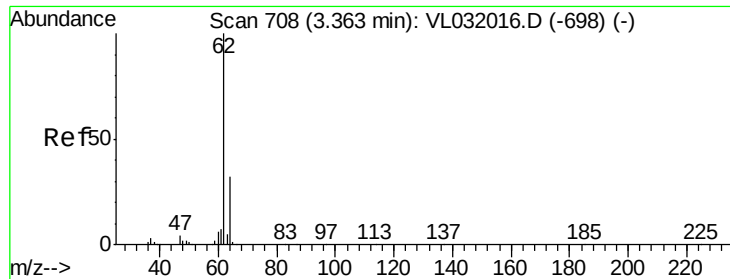
52 31.4 25.0 37.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.38 ppbv

RT: 3.37 min Scan# 709

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

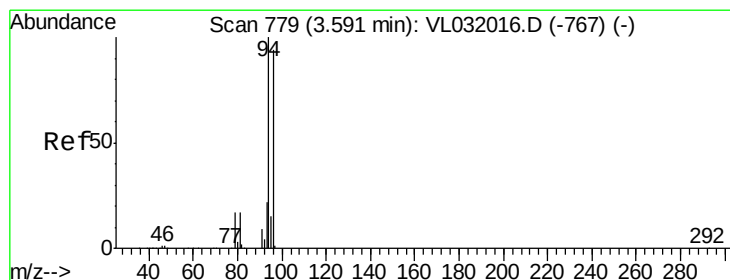
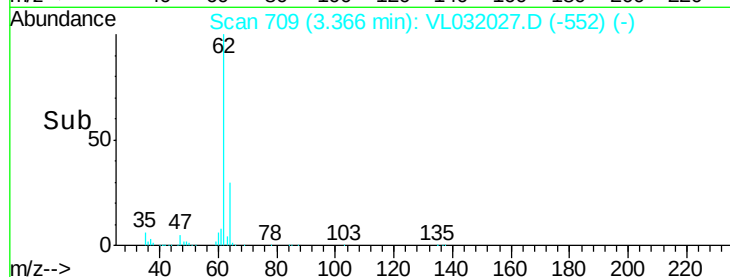
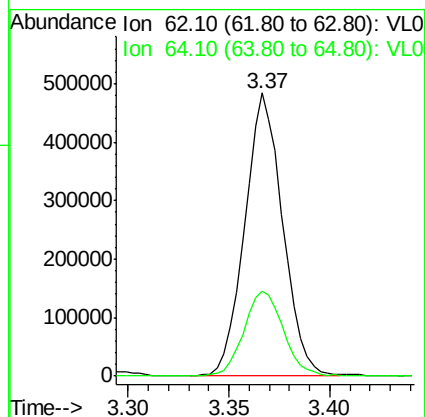
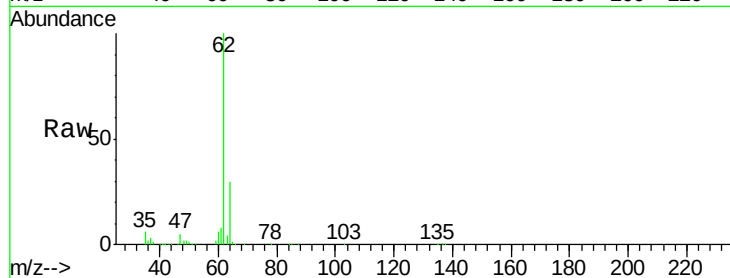
VL0601ABS01

Tgt Ion: 62 Resp: 639987

Ion Ratio Lower Upper

62 100

64 29.8 25.2 37.8



#6

Bromomethane

Concen: 9.83 ppbv

RT: 3.59 min Scan# 780

Delta R.T. 0.00 min

Lab File: VL032027.D

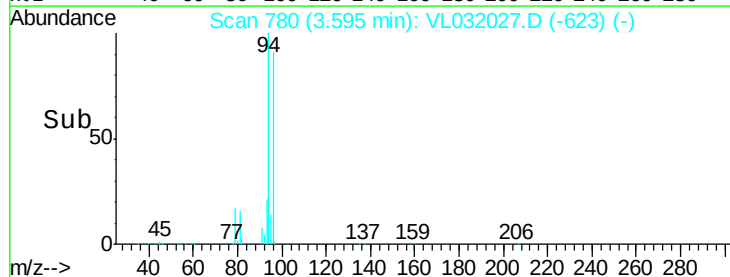
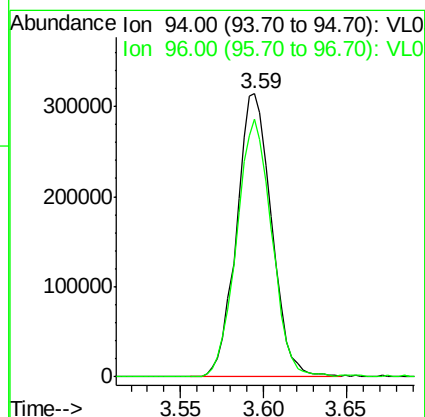
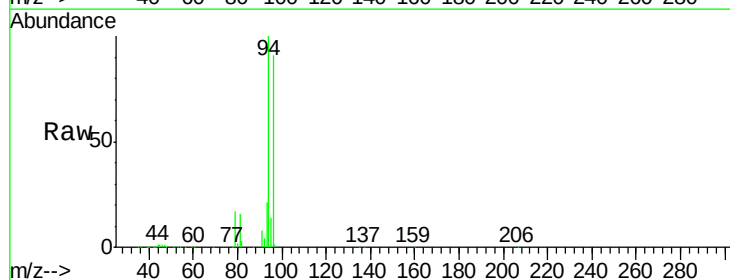
Acq: 1 Jun 2018 18:57

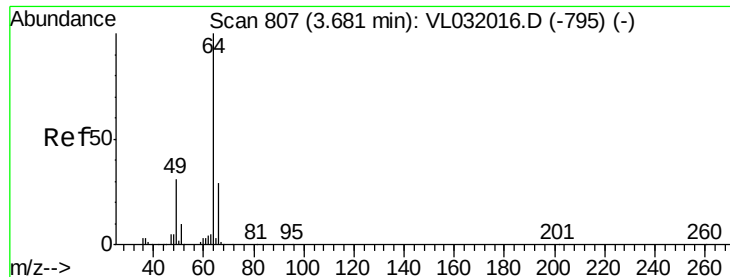
Tgt Ion: 94 Resp: 461068

Ion Ratio Lower Upper

94 100

96 91.0 75.1 112.7





#7

Chloroethane

Concen: 9.31 ppbv

RT: 3.68 min Scan# 807

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

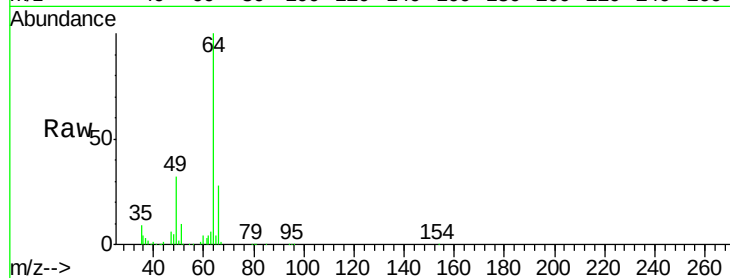
VL0601ABS01

Tgt Ion: 64 Resp: 270645

Ion Ratio Lower Upper

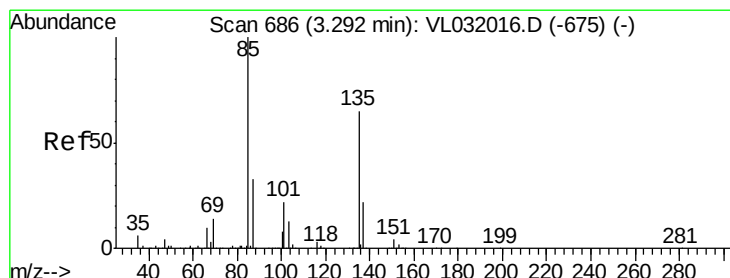
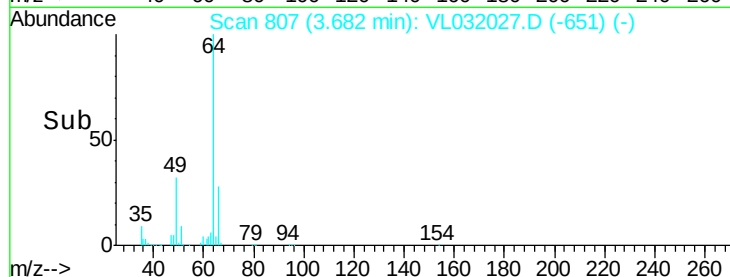
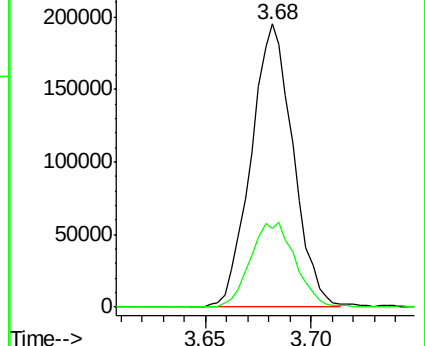
64 100

66 27.7 23.4 35.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 9.61 ppbv

RT: 3.30 min Scan# 687

Delta R.T. 0.00 min

Lab File: VL032027.D

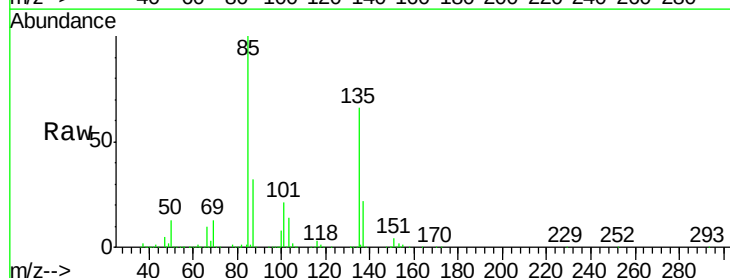
Acq: 1 Jun 2018 18:57

Tgt Ion: 85 Resp: 1622762

Ion Ratio Lower Upper

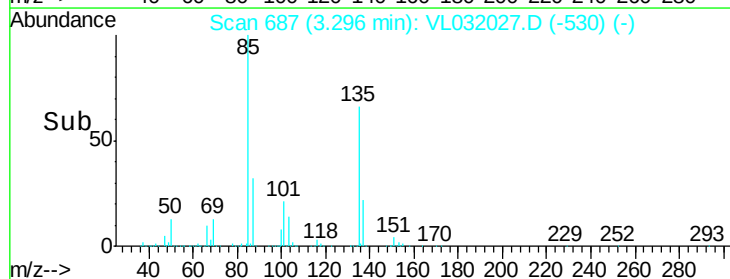
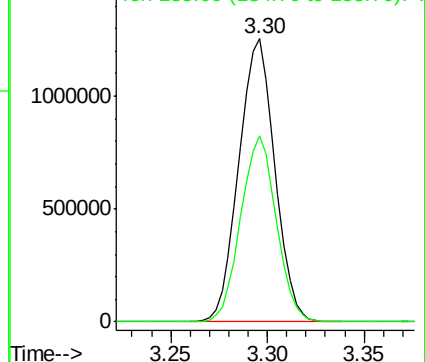
85 100

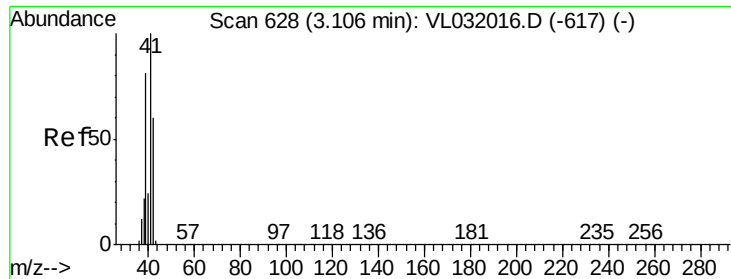
135 65.3 52.6 79.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 10.56 ppbv

RT: 3.11 min Scan# 629

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

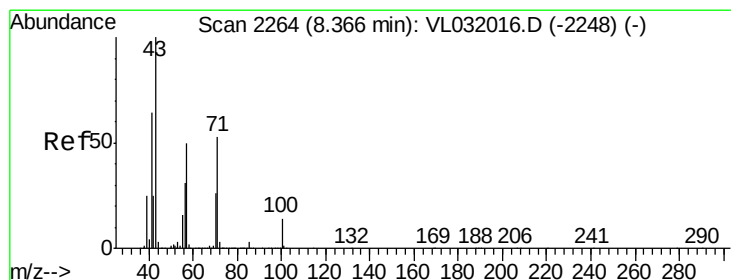
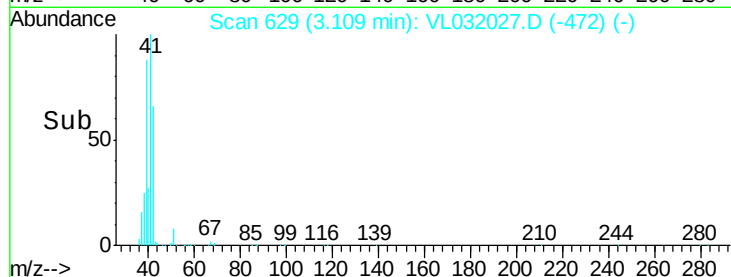
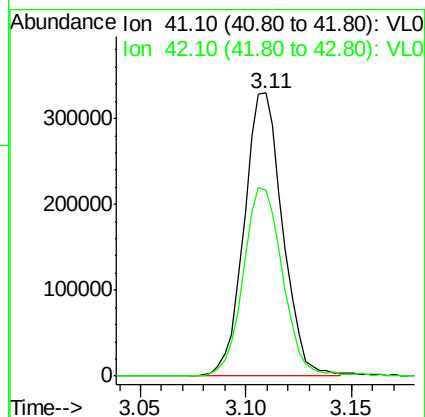
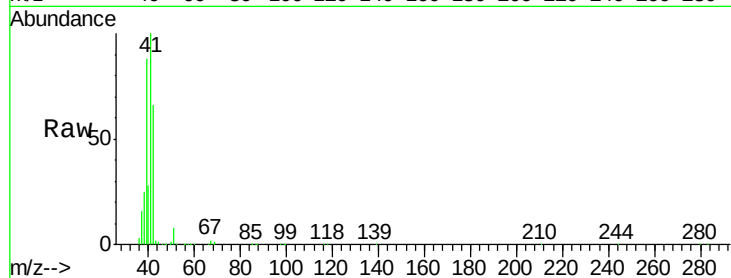
VL0601ABS01

Tgt Ion: 41 Resp: 417909

Ion Ratio Lower Upper

41 100

42 68.6 54.4 81.6



#10

Heptane

Concen: 10.58 ppbv

RT: 8.37 min Scan# 2264

Delta R.T. 0.00 min

Lab File: VL032027.D

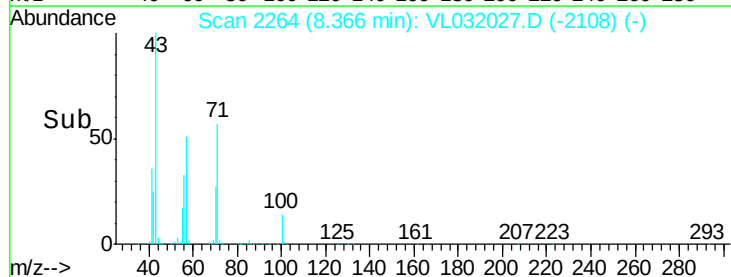
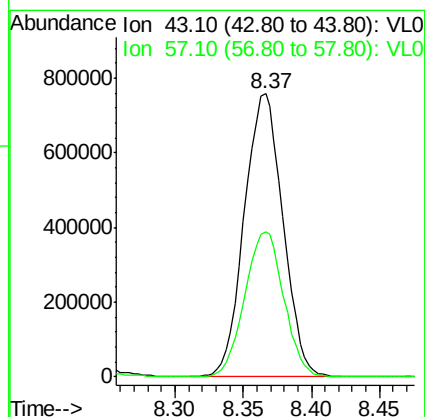
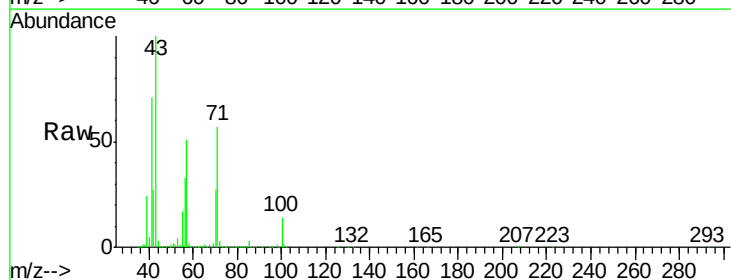
Acq: 1 Jun 2018 18:57

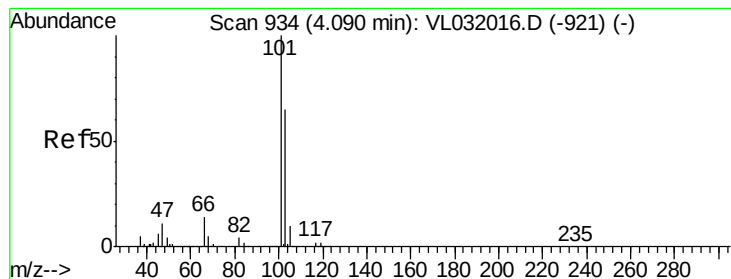
Tgt Ion: 43 Resp: 1485526

Ion Ratio Lower Upper

43 100

57 52.0 41.7 62.5





#11

Trichlorofluoromethane

Concen: 8.20 ppbv

RT: 4.09 min Scan# 935

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

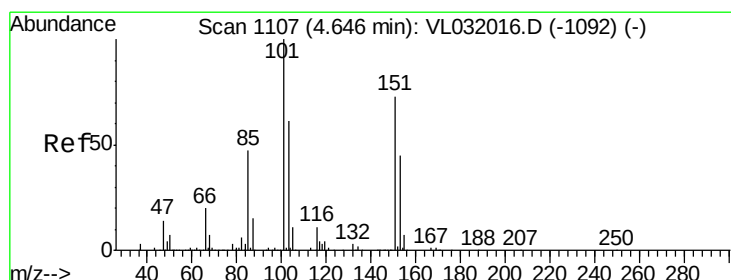
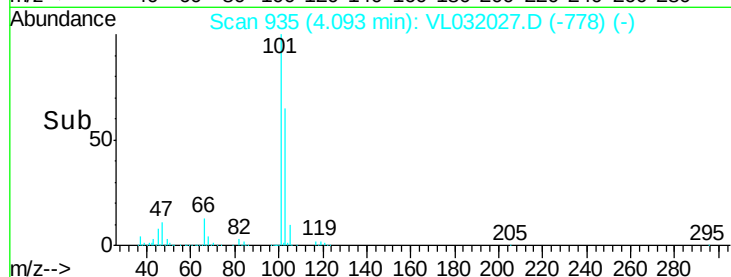
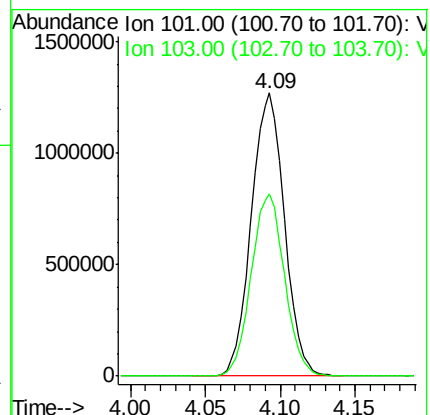
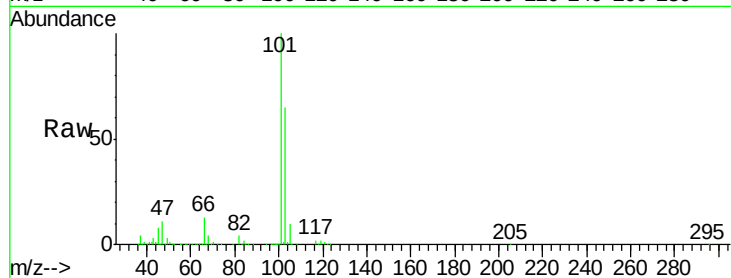
VL0601ABS01

Tgt Ion:101 Resp: 1956012

Ion Ratio Lower Upper

101 100

103 64.6 52.0 78.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.42 ppbv

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VL032027.D

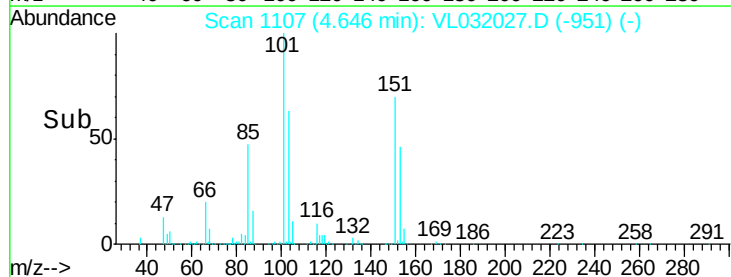
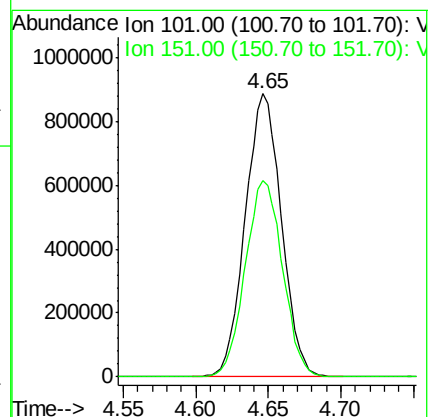
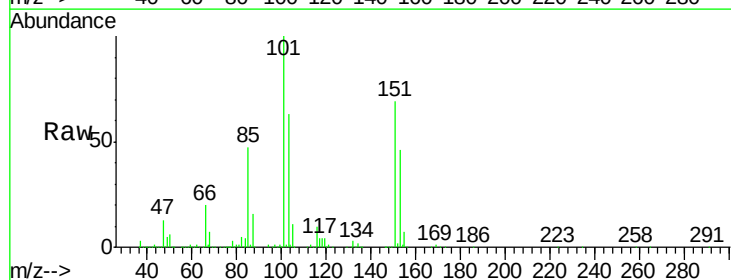
Acq: 1 Jun 2018 18:57

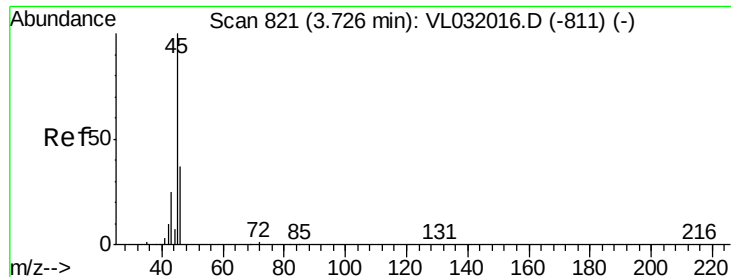
Tgt Ion:101 Resp: 1540587

Ion Ratio Lower Upper

101 100

151 71.6 58.2 87.4





#13

Ethanol

Concen: 8.53 ppbv

RT: 3.73 min Scan# 822

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

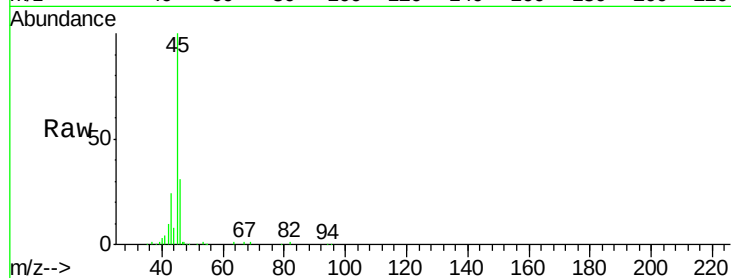
VL0601ABS01

Tgt Ion: 45 Resp: 131918

Ion Ratio Lower Upper

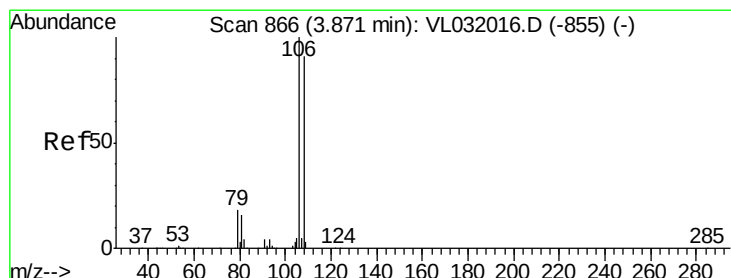
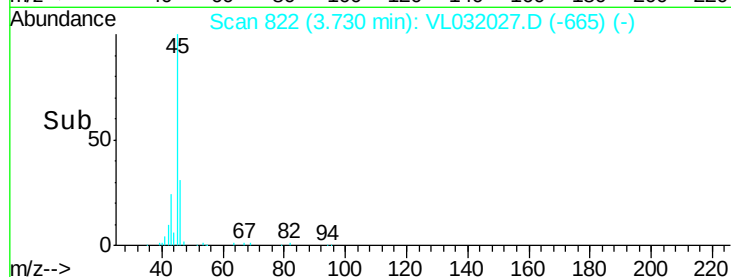
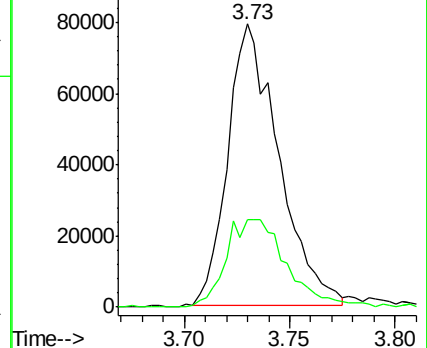
45 100

46 38.2 14.9 59.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#14

Bromoethene

Concen: 9.27 ppbv

RT: 3.87 min Scan# 866

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

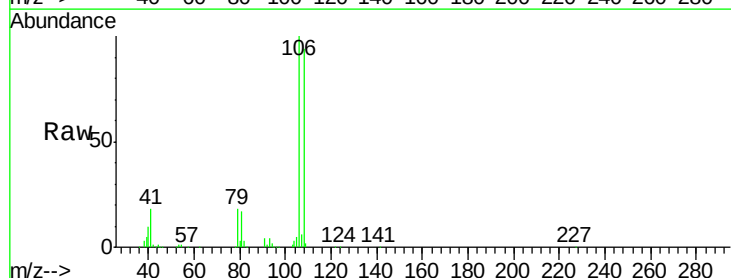
Tgt Ion: 108 Resp: 533070

Ion Ratio Lower Upper

108 100

106 105.1 85.1 127.7

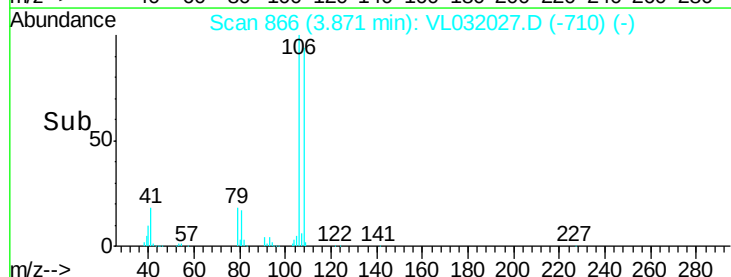
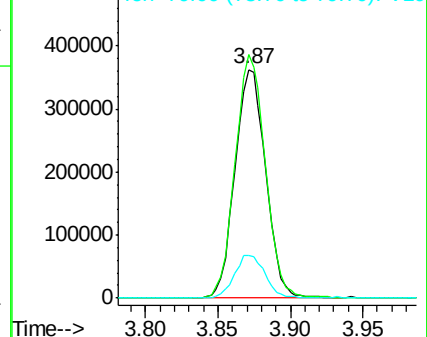
79 18.8 15.2 22.8

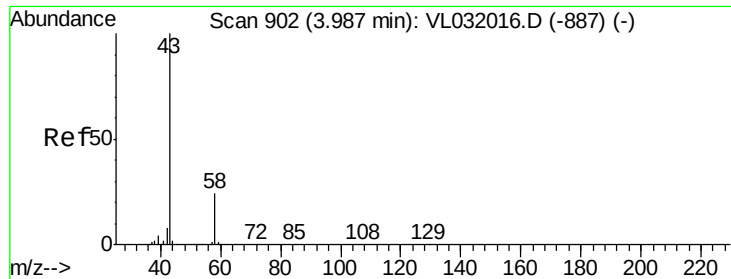


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 8.28 ppbv

RT: 3.99 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

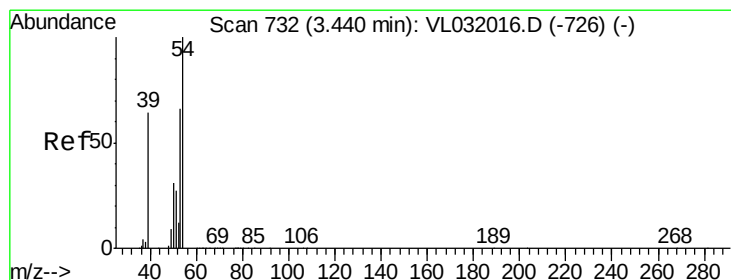
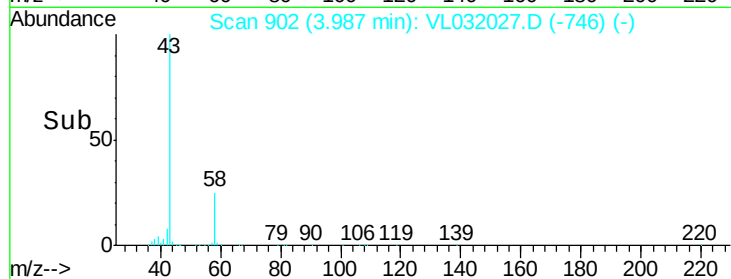
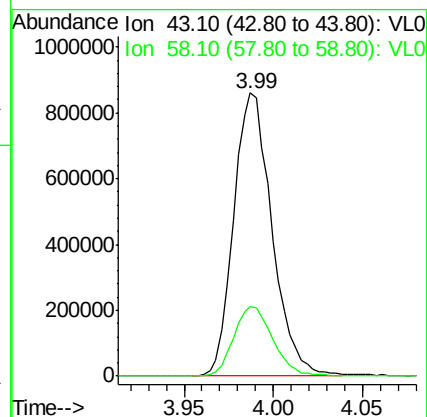
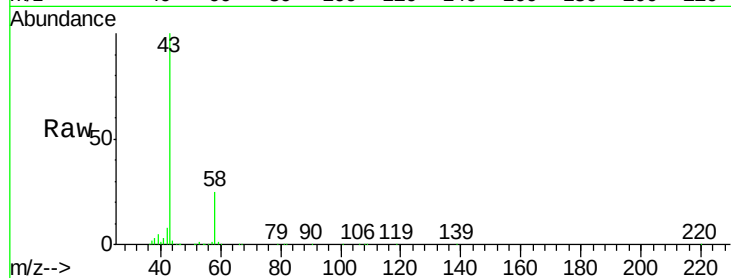
VL0601ABS01

Tgt Ion: 43 Resp: 1286859

Ion Ratio Lower Upper

43 100

58 25.4 20.7 31.1



#16

1,3-Butadiene

Concen: 9.99 ppbv

RT: 3.44 min Scan# 732

Delta R.T. 0.00 min

Lab File: VL032027.D

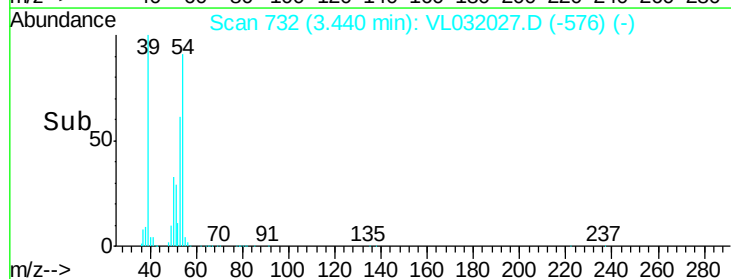
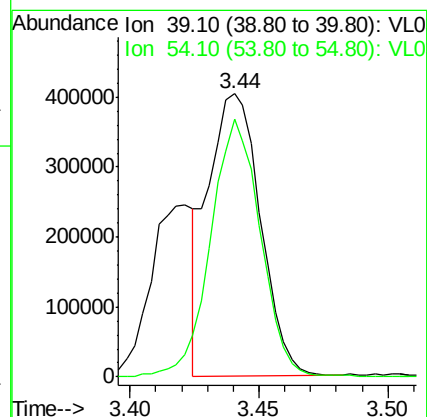
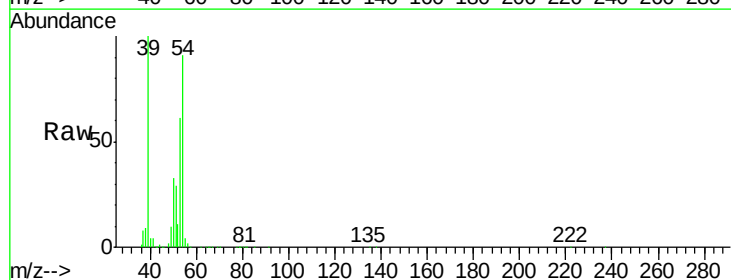
Acq: 1 Jun 2018 18:57

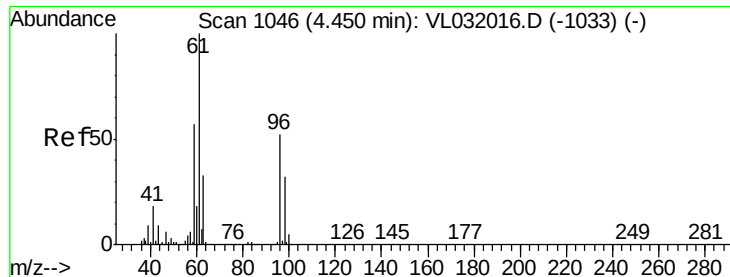
Tgt Ion: 39 Resp: 566747

Ion Ratio Lower Upper

39 100

54 87.8 65.7 98.5

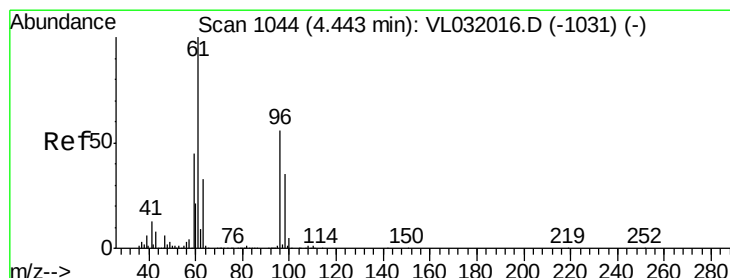
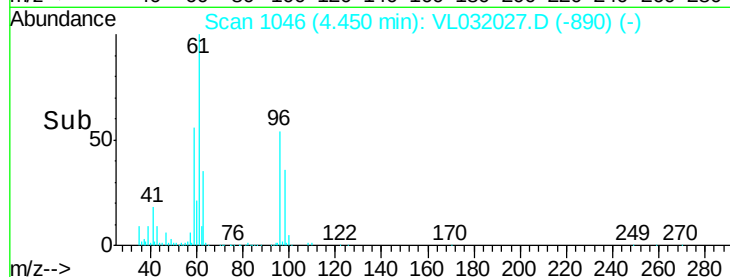
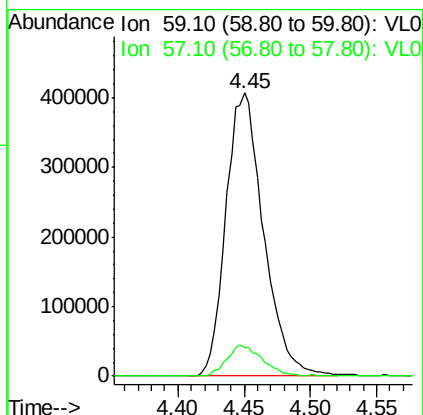
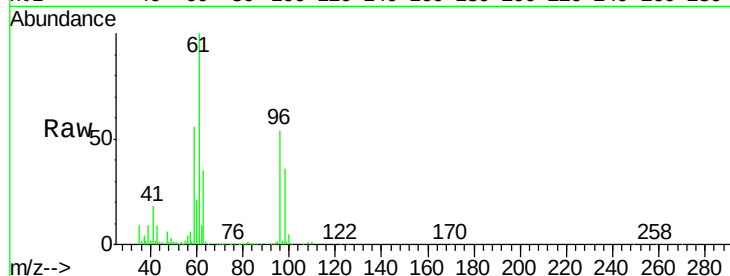




#17
 tert-Butyl alcohol
 Concen: 10.77 ppbv
 RT: 4.45 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

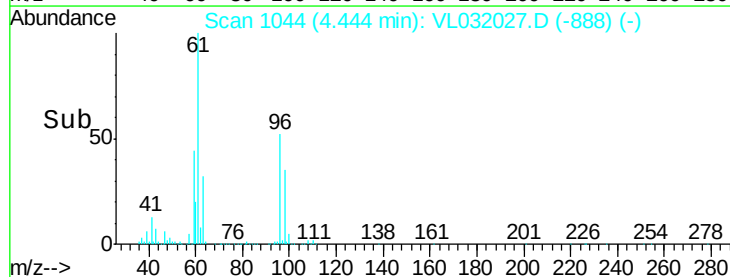
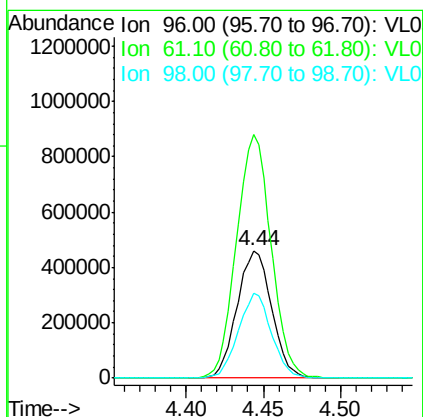
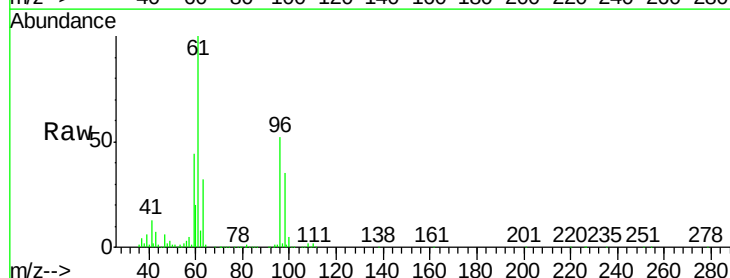
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

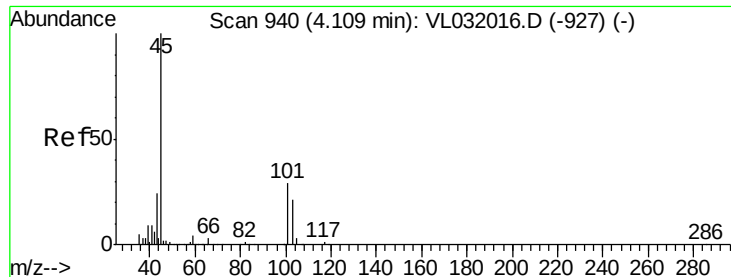
Tgt Ion: 59 Resp: 802741
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5



#18
 1,1-Dichloroethene
 Concen: 10.07 ppbv
 RT: 4.44 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Tgt Ion: 96 Resp: 715972
 Ion Ratio Lower Upper
 96 100
 61 190.8 143.5 215.3
 98 66.2 50.0 75.0





#19

Isopropyl Alcohol

Concen: 3.83 ppbv

RT: 4.12 min Scan# 943

Delta R.T. 0.01 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

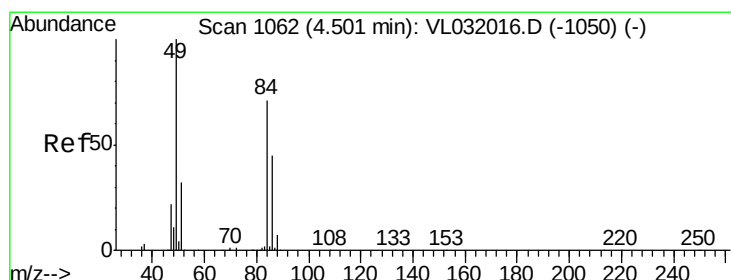
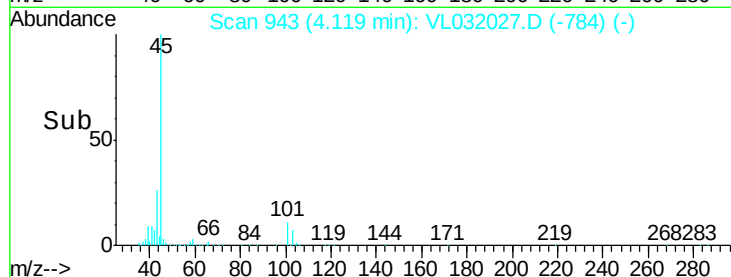
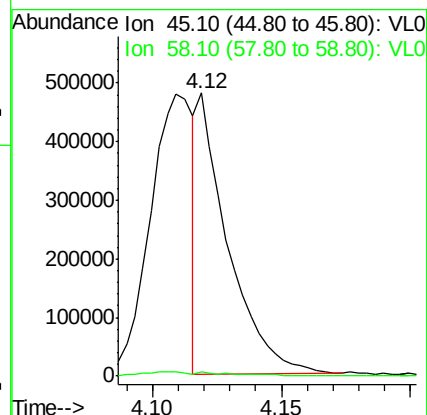
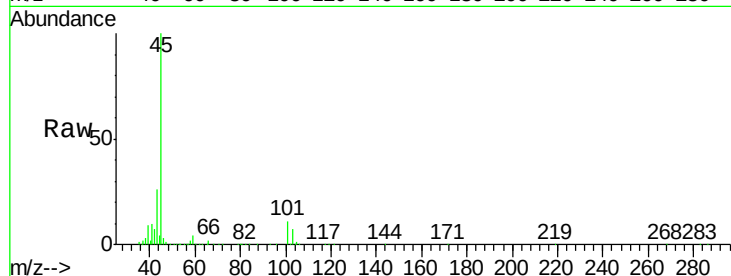
VL0601ABS01

Tgt Ion: 45 Resp: 393484

Ion Ratio Lower Upper

45 100

58 5.0 1.5 2.3#



#20

Methylene Chloride

Concen: 9.76 ppbv

RT: 4.50 min Scan# 1062

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Tgt Ion: 84 Resp: 688649

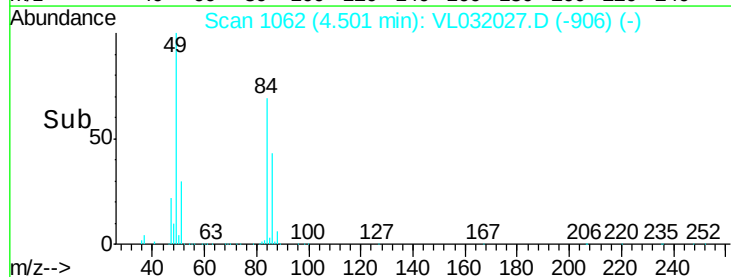
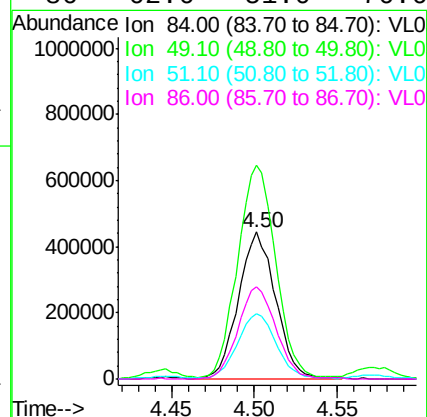
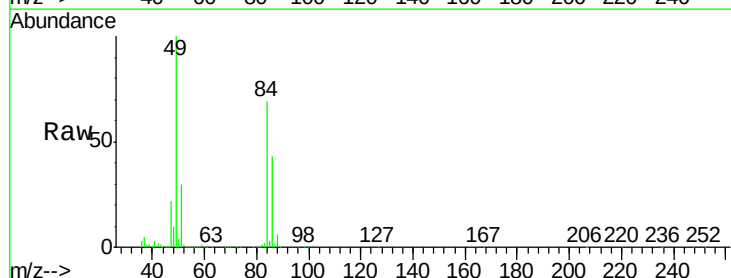
Ion Ratio Lower Upper

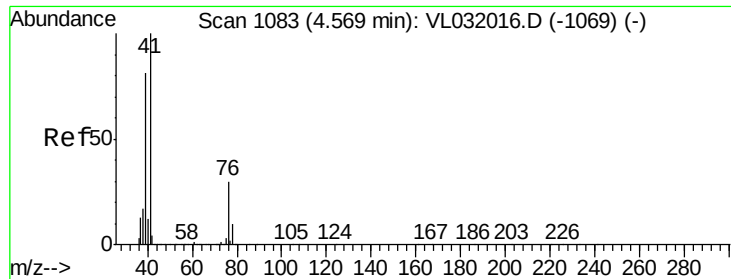
84 100

49 144.4 113.0 169.4

51 43.4 36.4 54.6

86 62.6 51.0 76.6

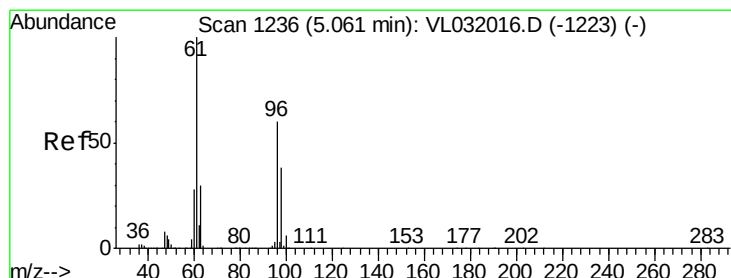
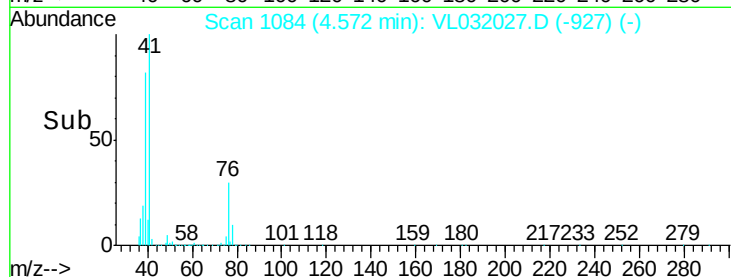
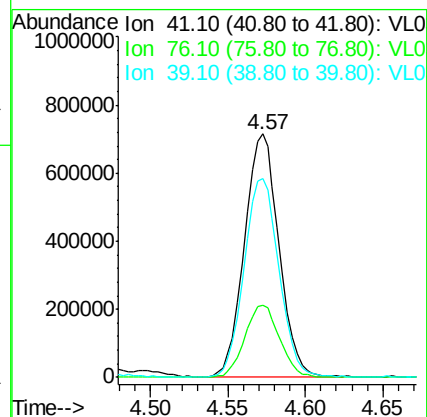
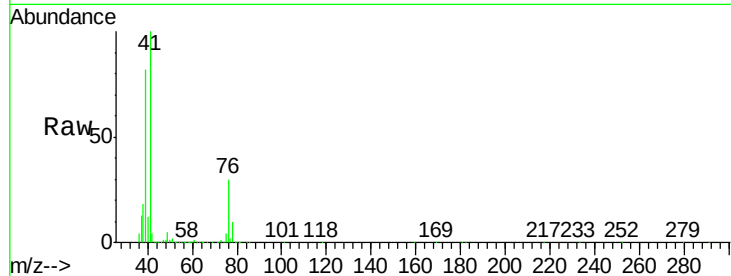




#21
 Allyl Chloride
 Concen: 10.03 ppbv
 RT: 4.57 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

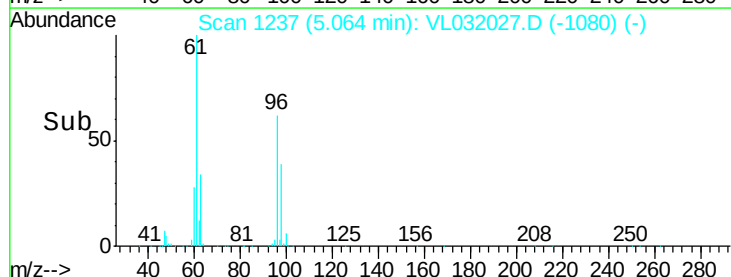
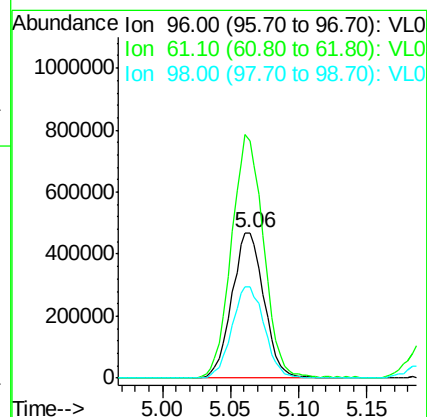
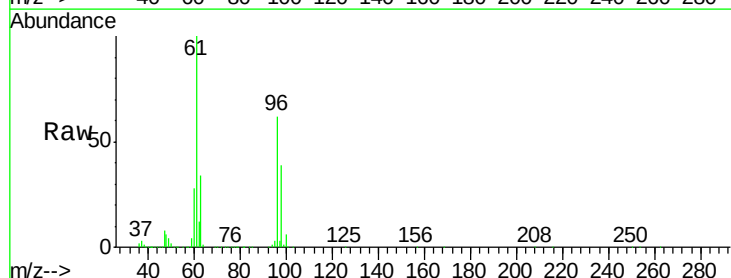
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

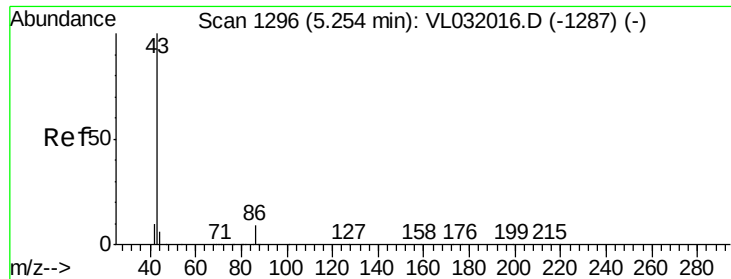
Tgt Ion: 41 Resp: 1098022
 Ion Ratio Lower Upper
 41 100
 76 30.2 23.9 35.9
 39 83.9 65.9 98.9



#22
 trans-1,2-Dichloroethene
 Concen: 10.04 ppbv
 RT: 5.06 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Tgt Ion: 96 Resp: 767557
 Ion Ratio Lower Upper
 96 100
 61 162.2 133.3 199.9
 98 62.5 51.0 76.4



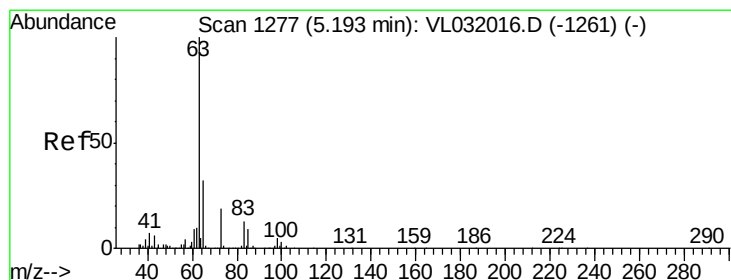
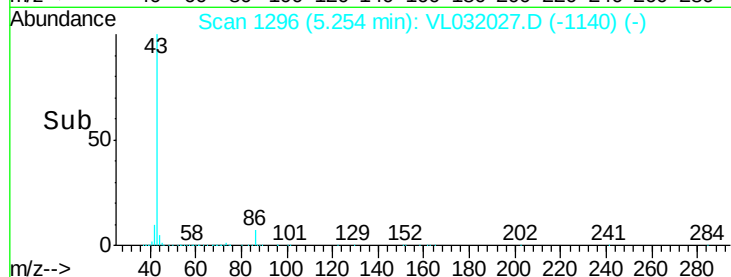
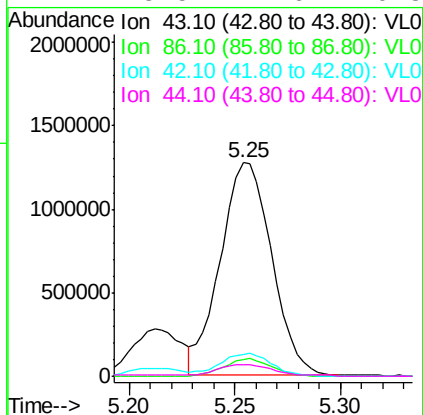
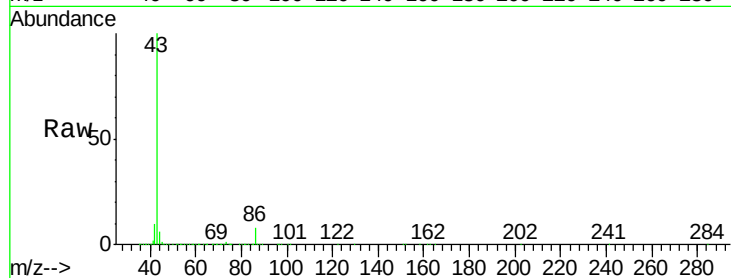


#23
 Vinyl Acetate
 Concen: 10.24 ppbv
 RT: 5.25 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

Tgt Ion: 43 Resp: 2152588

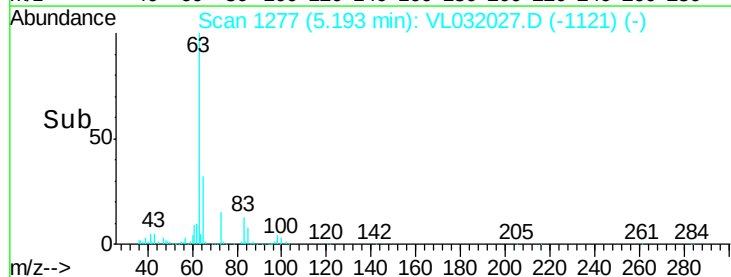
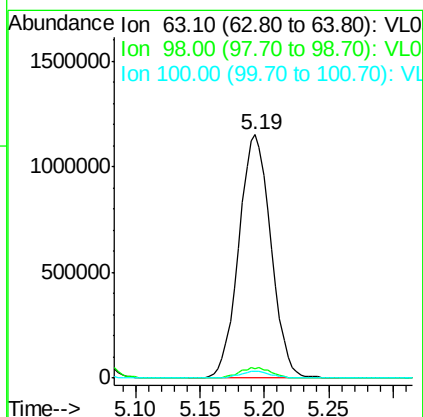
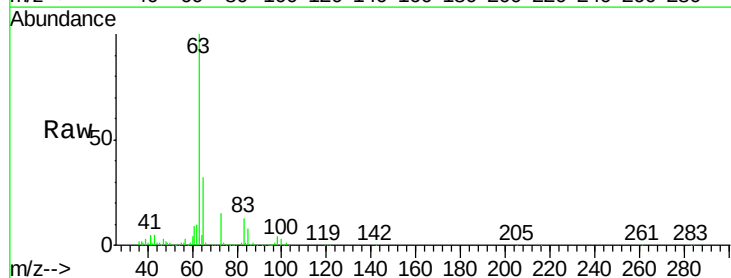
Ion	Ratio	Lower	Upper
43	100		
86	7.5	6.2	9.4
42	10.1	8.7	13.1
44	5.5	4.6	6.8

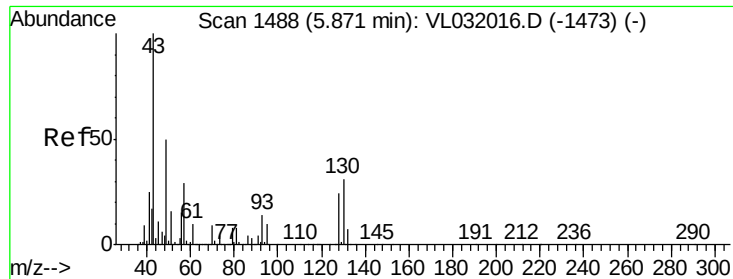


#24
 1,1-Dichloroethane
 Concen: 9.74 ppbv
 RT: 5.19 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Tgt Ion: 63 Resp: 1993661

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.4	7.1
100	2.9	1.5	4.5



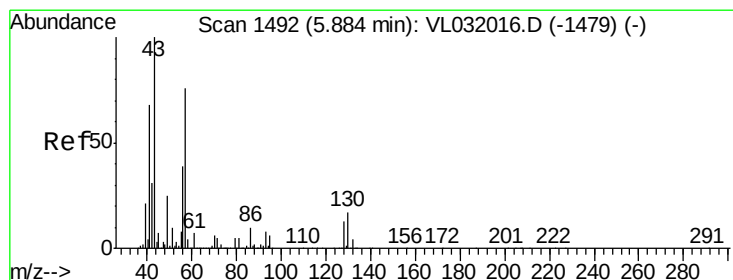
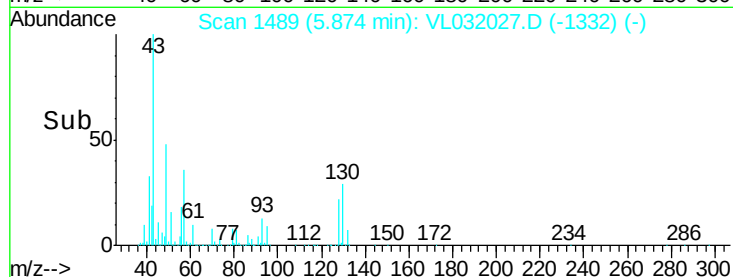
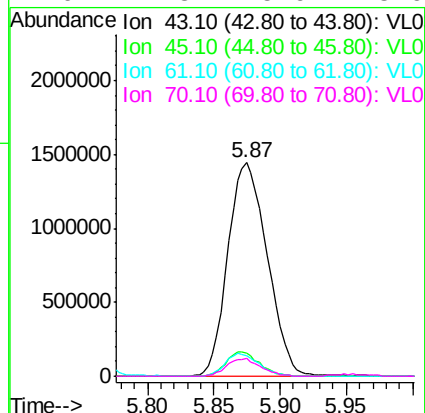
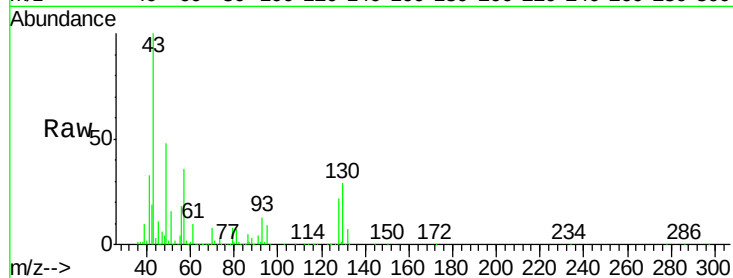


#25
Ethyl Acetate
Concen: 9.67 ppbv
RT: 5.87 min Scan# 1489
Delta R.T. 0.00 min
Lab File: VL032027.D
Acq: 1 Jun 2018 18:57

Instrument :
MSVOA_L
ClientSampleId :
VL0601ABS01

Tgt Ion: 43 Resp: 2975873

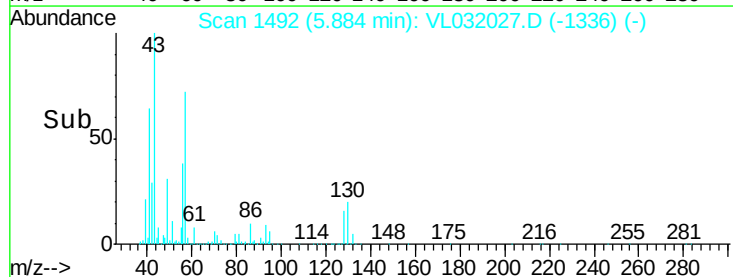
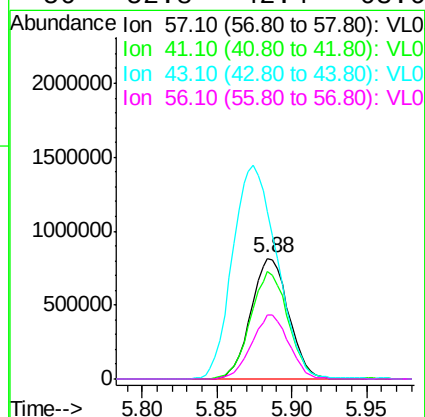
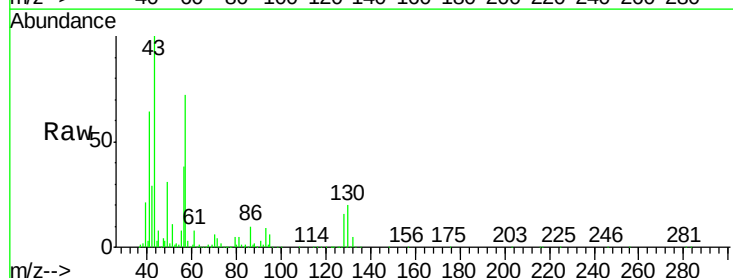
Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.8	11.6
61	9.2	7.4	11.2
70	7.3	5.9	8.9

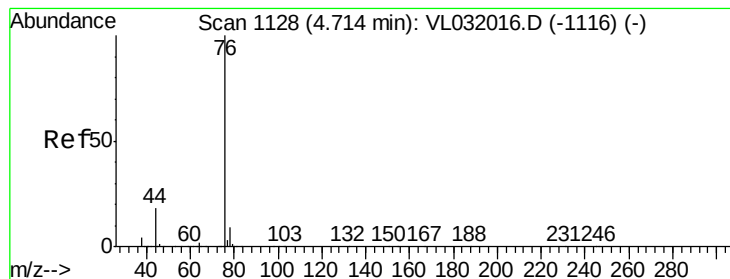


#26
Hexane
Concen: 9.98 ppbv
RT: 5.88 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VL032027.D
Acq: 1 Jun 2018 18:57

Tgt Ion: 57 Resp: 1427126

Ion	Ratio	Lower	Upper
57	100		
41	89.3	71.4	107.2
43	210.5	168.6	252.8
56	52.8	42.4	63.6





#27

Carbon Disulfide

Concen: 10.42 ppbv

RT: 4.71 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

VL0601ABS01

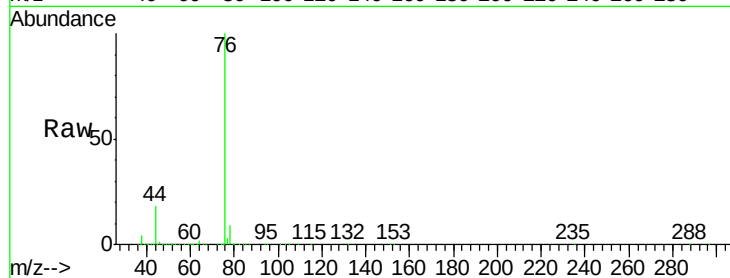
Tgt Ion: 76 Resp: 1952192

Ion	Ratio	Lower	Upper
76	100		
44	18.9	14.9	22.3
78	9.3	7.6	11.4

76 100

44 18.9 14.9 22.3

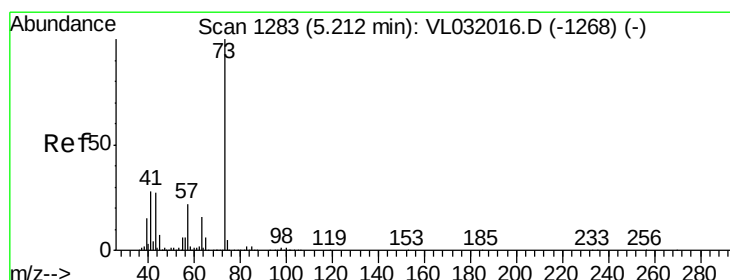
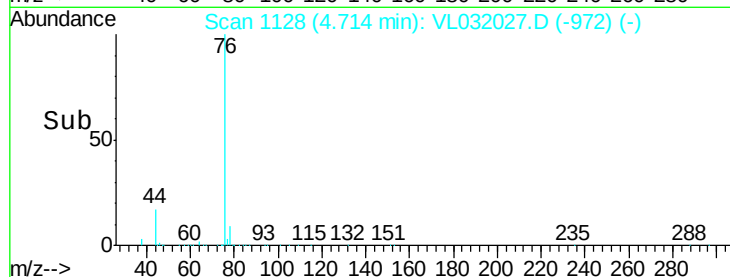
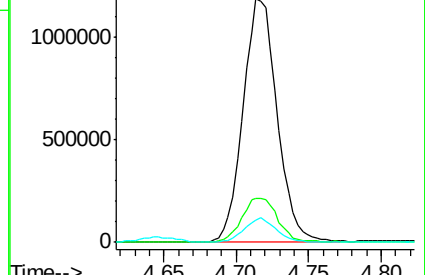
78 9.3 7.6 11.4



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: 10.75 ppbv

RT: 5.21 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VL032027.D

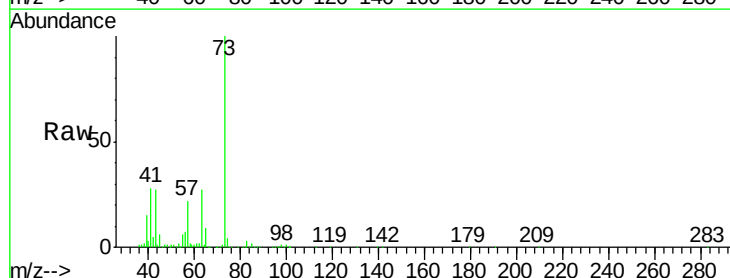
Acq: 1 Jun 2018 18:57

Tgt Ion: 73 Resp: 1901651

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.8

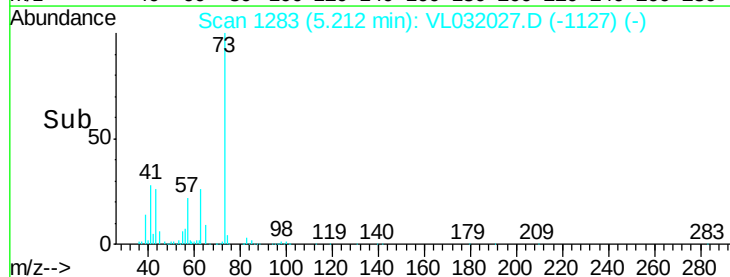
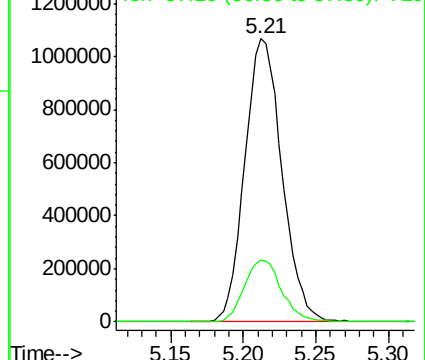
73 100

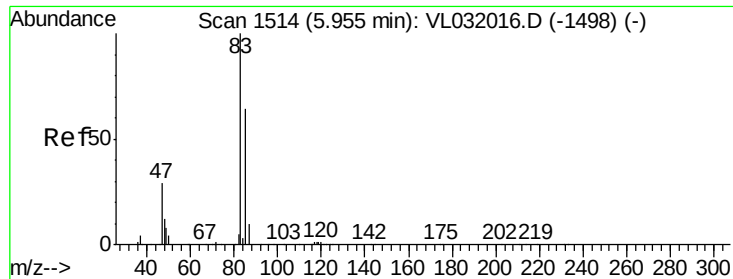
57 22.2 17.8 26.8



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.40 ppbv

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

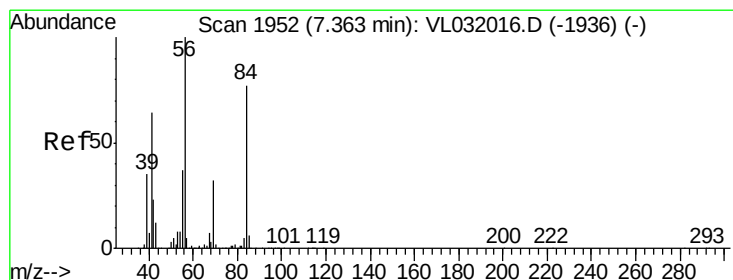
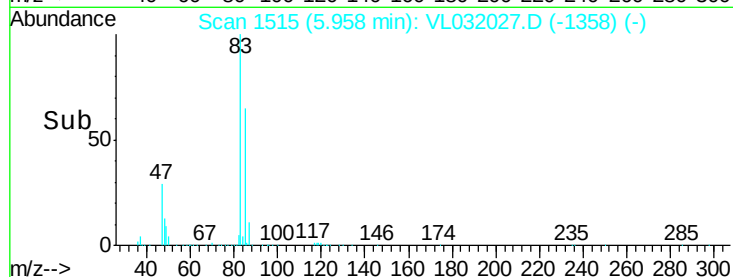
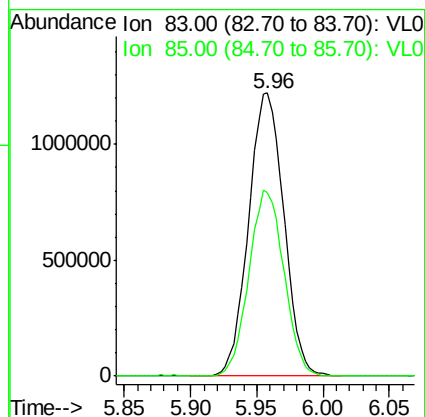
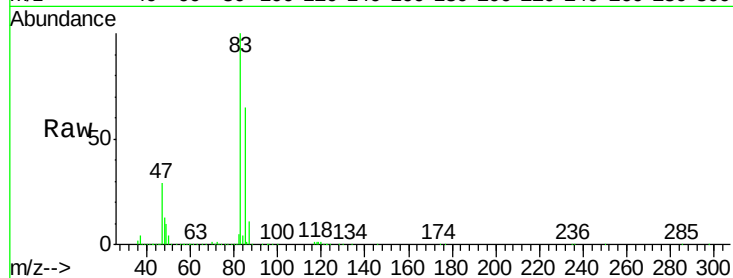
VL0601ABS01

Tgt Ion: 83 Resp: 2268145

Ion Ratio Lower Upper

83 100

85 64.9 50.9 76.3



#30

Cyclohexane

Concen: 10.92 ppbv

RT: 7.37 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

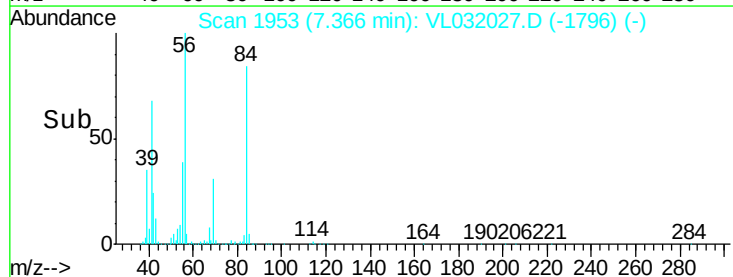
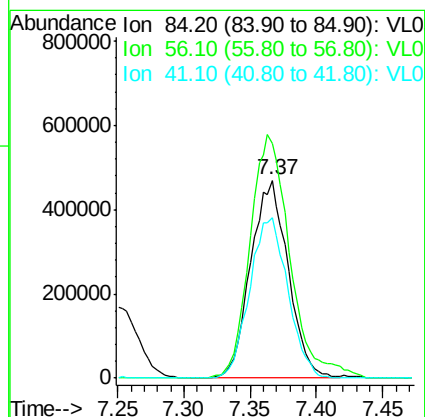
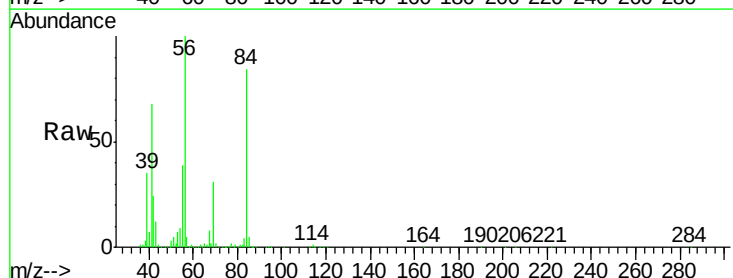
Tgt Ion: 84 Resp: 921760

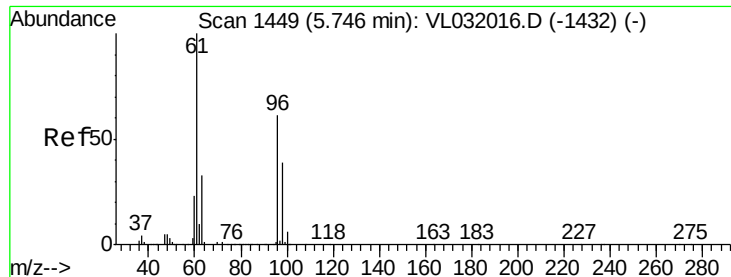
Ion Ratio Lower Upper

84 100

56 131.4 108.6 162.8

41 82.6 66.8 100.2





#31

cis-1,2-Dichloroethene

Concen: 10.51 ppbv

RT: 5.75 min Scan# 1449

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

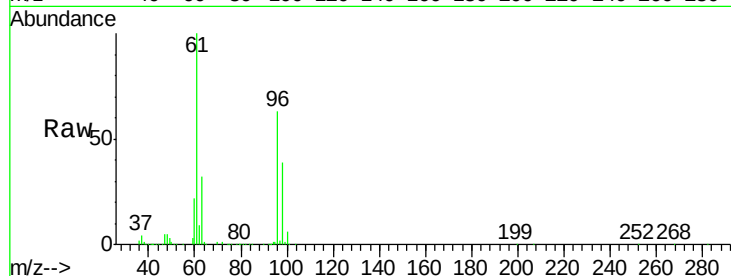
MSVOA_L

ClientSampleId :

VL0601ABS01

Tgt Ion: 61 Resp: 1352072

Ion	Ratio	Lower	Upper
61	100		
96	63.3	49.0	73.6
98	38.6	31.2	46.8

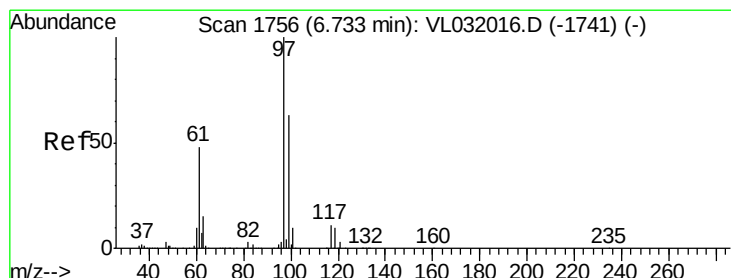
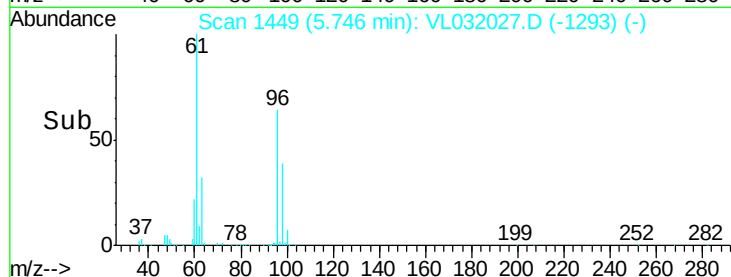
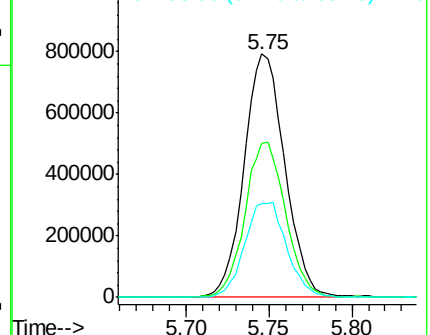


Abundance

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: 9.74 ppbv

RT: 6.74 min Scan# 1757

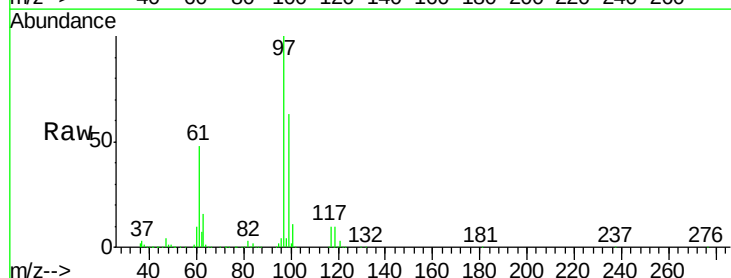
Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Tgt Ion: 97 Resp: 1914816

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	48.8	39.4	59.2

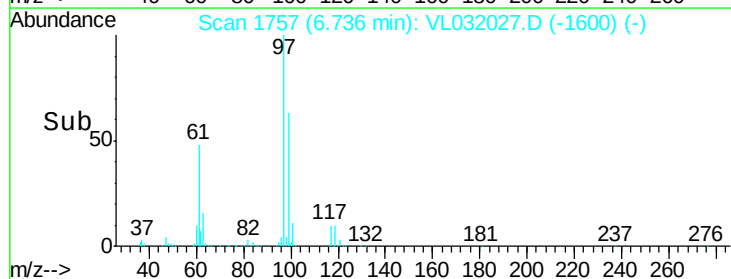
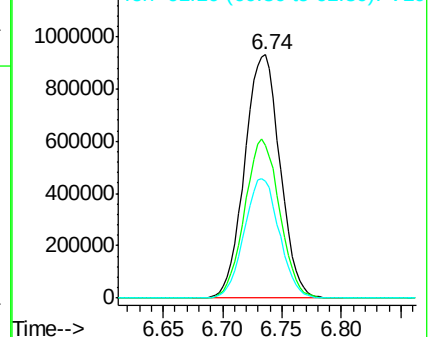


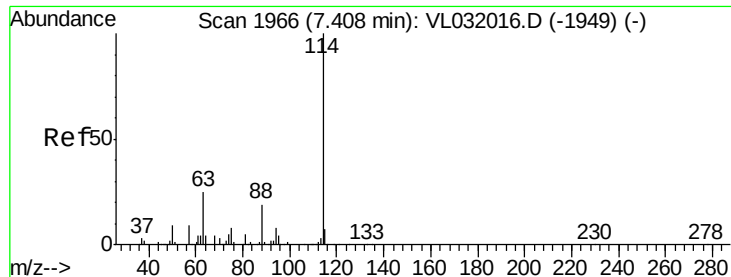
Abundance

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

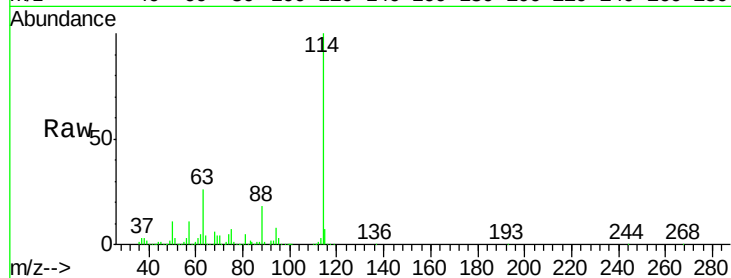




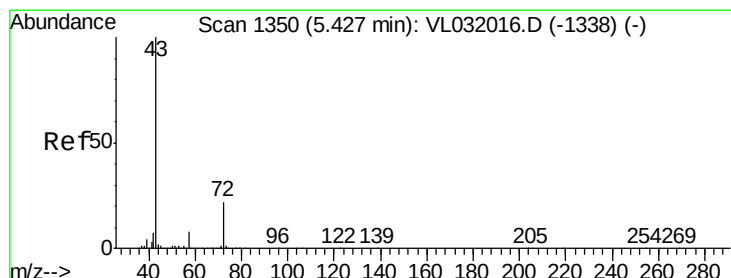
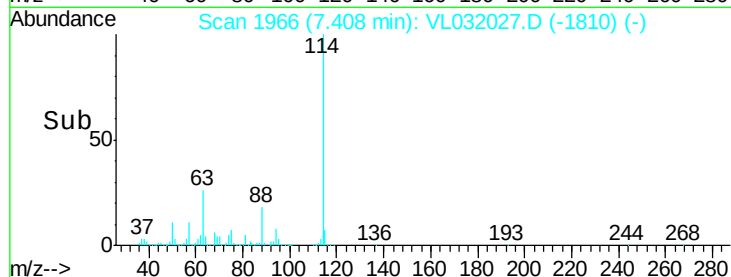
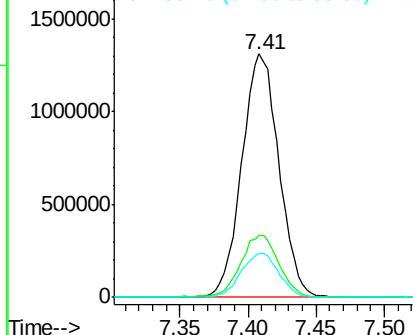
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.41 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

Tgt Ion:114 Resp: 2474894
 Ion Ratio Lower Upper
 114 100
 63 26.7 21.1 31.7
 88 18.5 14.8 22.2

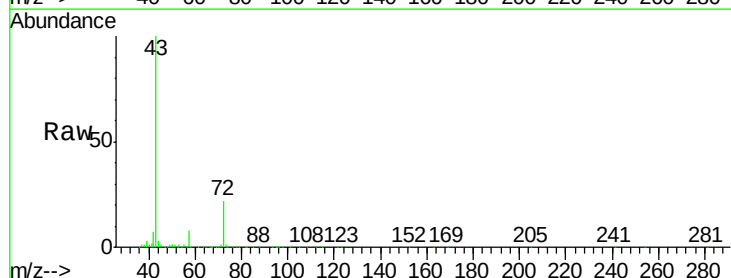


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

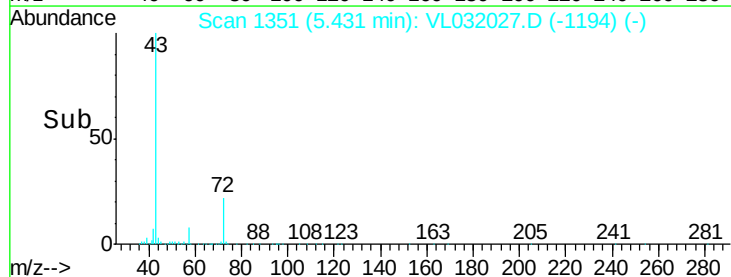
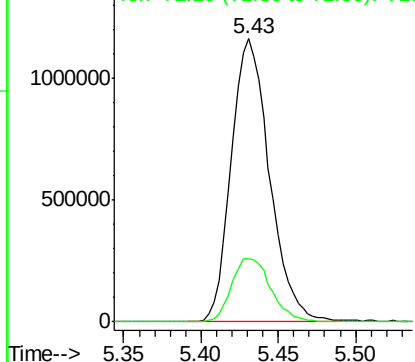


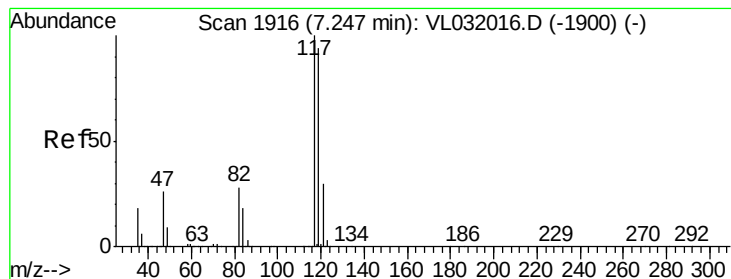
#34
 2-Butanone
 Concen: 10.23 ppbv
 RT: 5.43 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Tgt Ion: 43 Resp: 1990687
 Ion Ratio Lower Upper
 43 100
 72 23.2 18.6 27.8



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





#35

Carbon Tetrachloride

Concen: 9.30 ppbv

RT: 7.25 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

VL0601ABS01

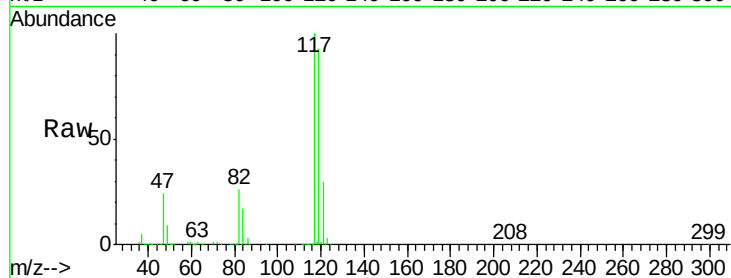
Tgt Ion:117 Resp: 1962516

Ion Ratio Lower Upper

117 100

119 93.3 75.3 112.9

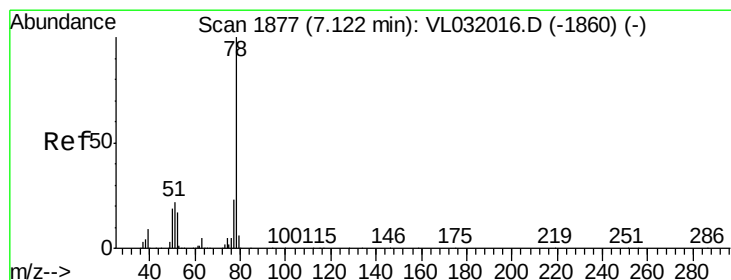
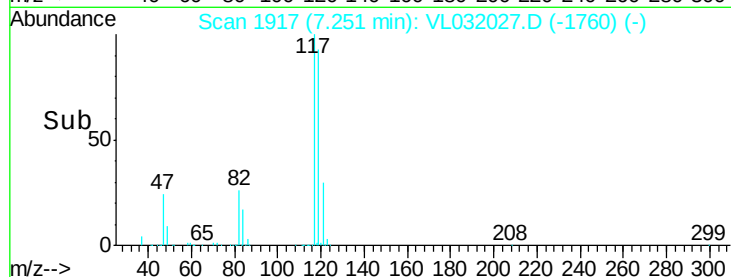
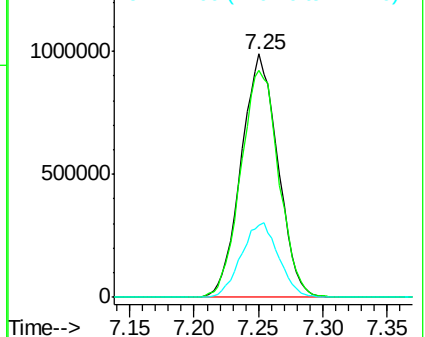
121 29.8 24.1 36.1



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: 10.08 ppbv

RT: 7.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

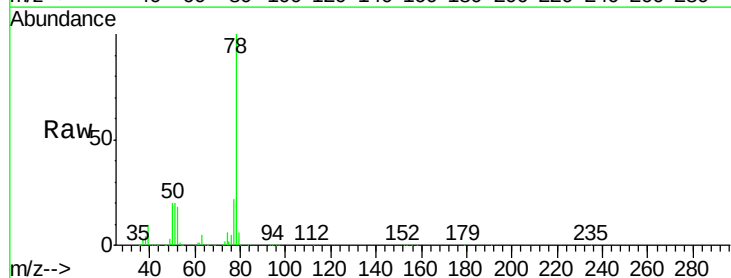
Tgt Ion: 78 Resp: 2192639

Ion Ratio Lower Upper

78 100

77 22.3 18.1 27.1

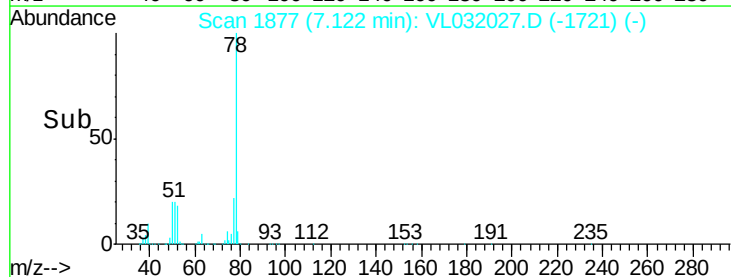
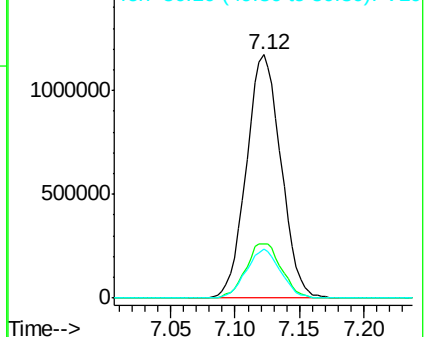
50 20.0 14.9 22.3

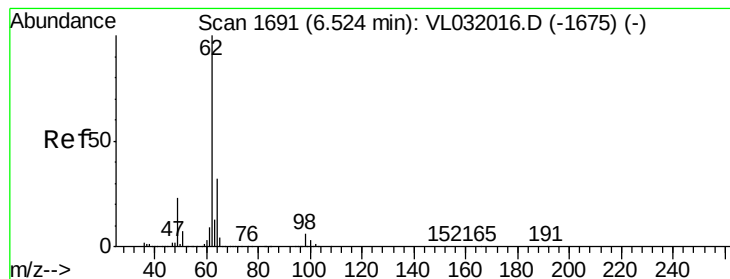


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 10.29 ppbv

RT: 6.52 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

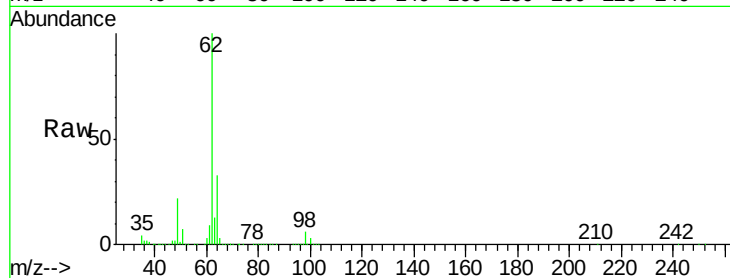
VL0601ABS01

Tgt Ion: 62 Resp: 1614178

Ion Ratio Lower Upper

62 100

98 5.4 4.2 6.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

6.52

800000

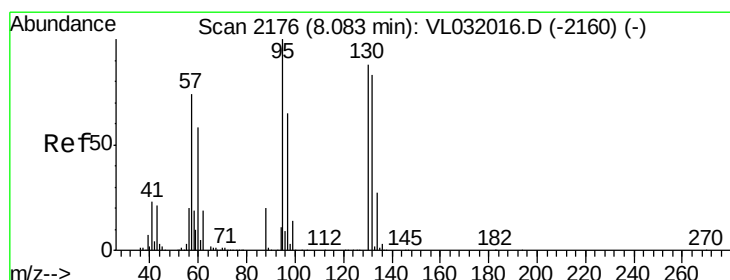
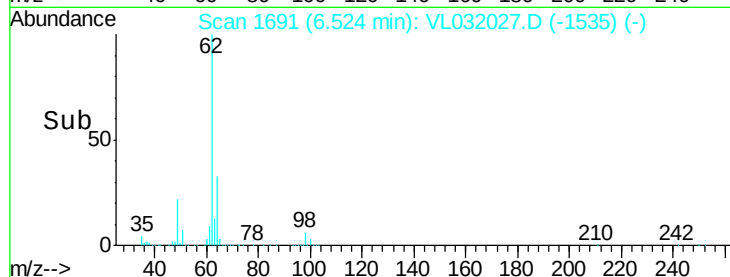
600000

400000

200000

0

Time-->



#38

Trichloroethene

Concen: 11.18 ppbv

RT: 8.08 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Tgt Ion: 130 Resp: 932646

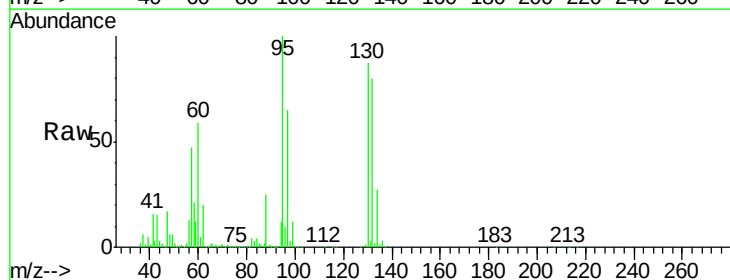
Ion Ratio Lower Upper

130 100

95 114.4 90.7 136.1

132 91.2 75.6 113.4

97 74.0 59.4 89.0



Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

800000

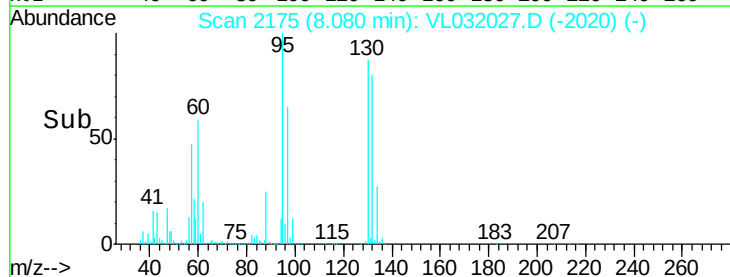
600000

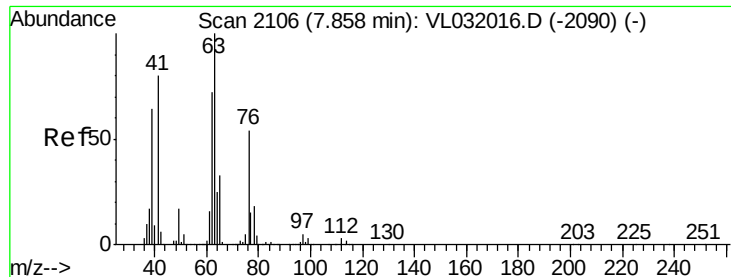
400000

200000

0

Time-->

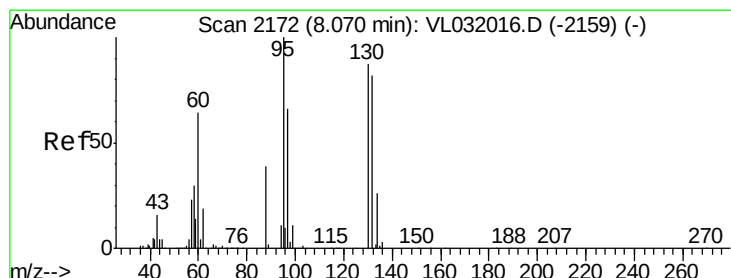
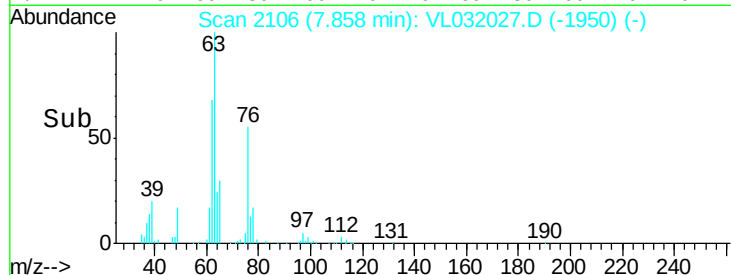
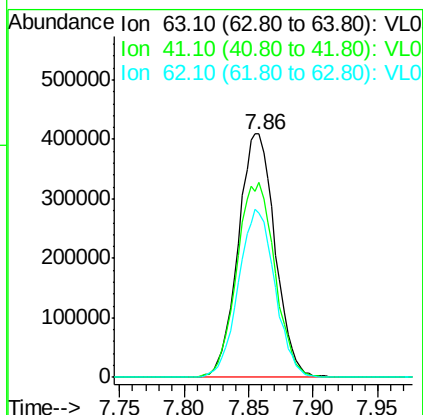
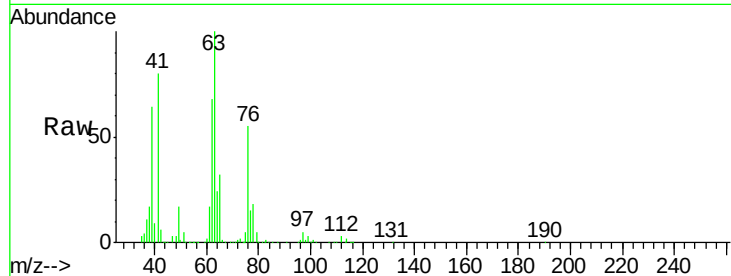




#39
 1,2-Dichloropropane
 Concen: 10.16 ppbv
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

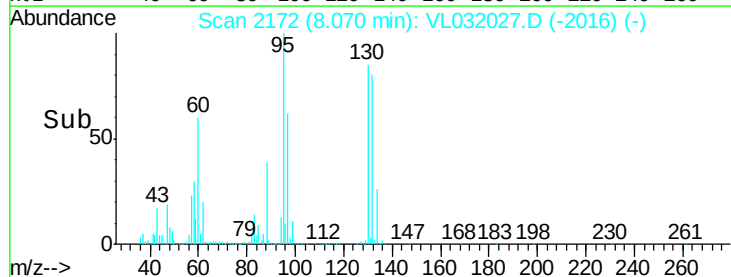
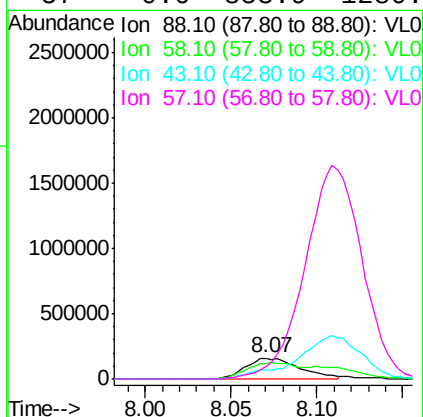
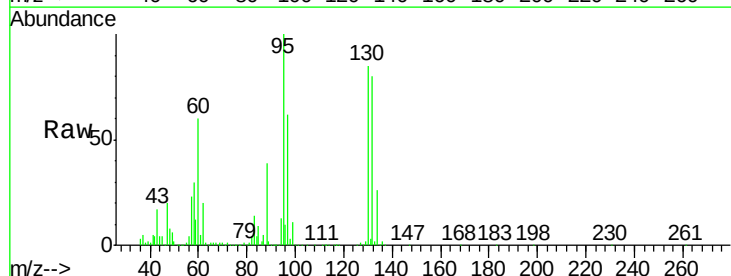
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

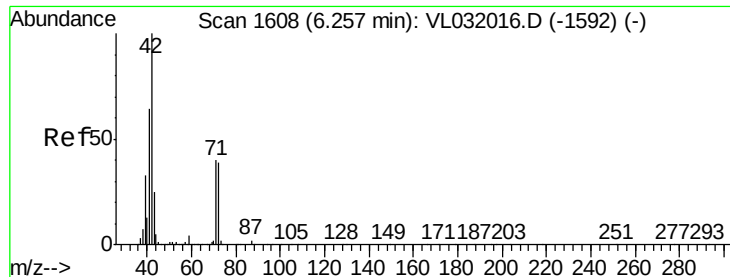
Tgt Ion: 63 Resp: 814436
 Ion Ratio Lower Upper
 63 100
 41 80.2 64.0 96.0
 62 67.6 57.6 86.4



#40
 1,4-Dioxane
 Concen: 10.14 ppbv
 RT: 8.07 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Tgt Ion: 88 Resp: 349594
 Ion Ratio Lower Upper
 88 100
 58 129.5 100.5 150.7
 43 0.0 193.8 290.6#
 57 0.0 853.9 1280.9#





#41

Tetrahydrofuran

Concen: 9.89 ppbv

RT: 6.26 min Scan# 1608

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

VL0601ABS01

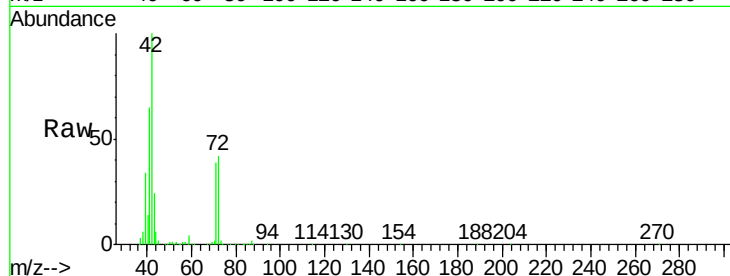
Tgt Ion: 42 Resp: 826322

Ion Ratio Lower Upper

42 100

72 41.1 32.3 48.5

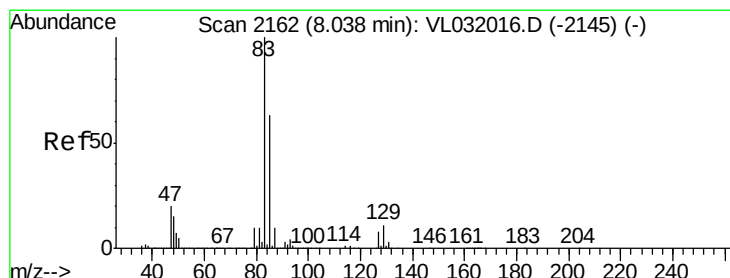
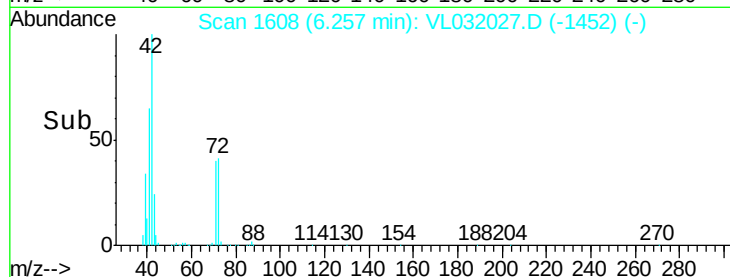
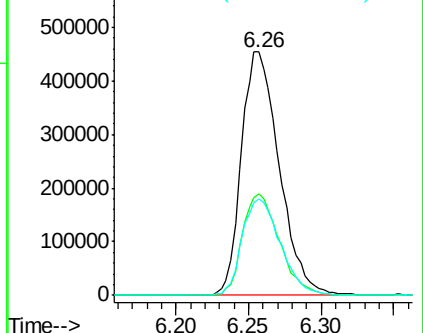
71 39.9 32.3 48.5



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: 9.89 ppbv

RT: 8.04 min Scan# 2162

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

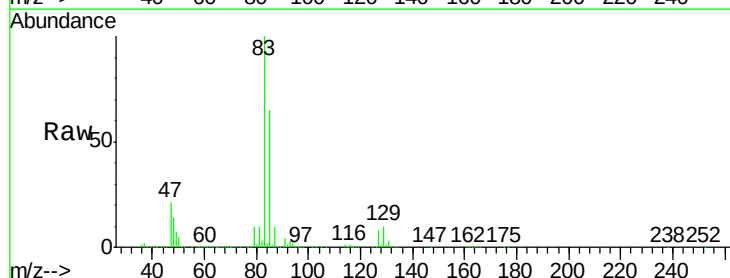
Tgt Ion: 83 Resp: 1938385

Ion Ratio Lower Upper

83 100

85 64.7 50.3 75.5

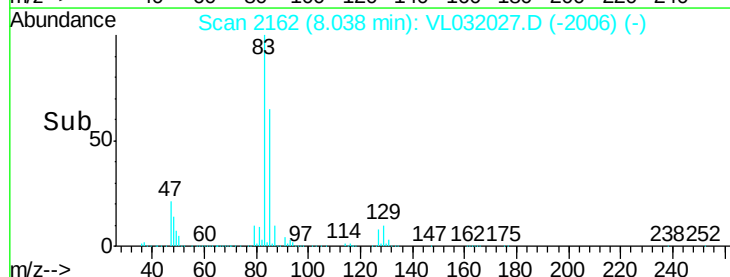
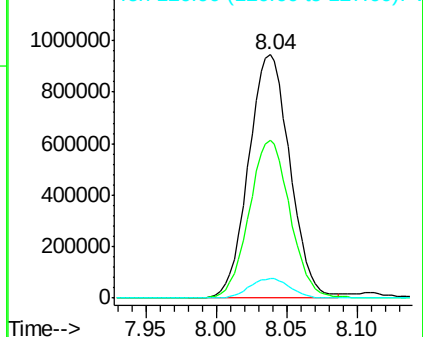
127 8.0 6.6 9.8

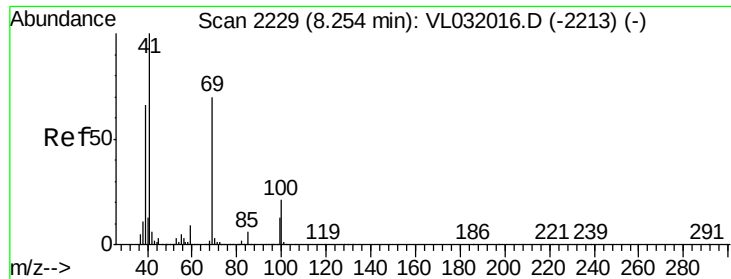


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

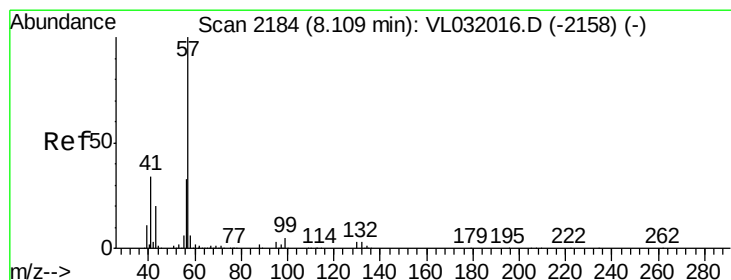
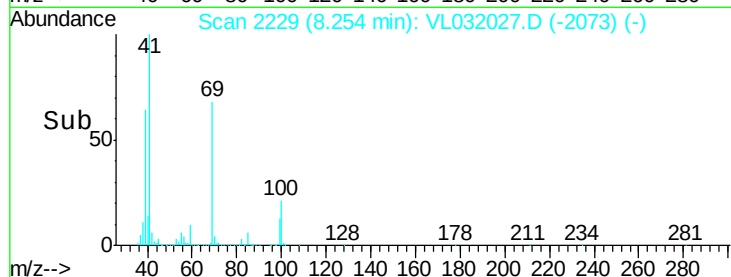
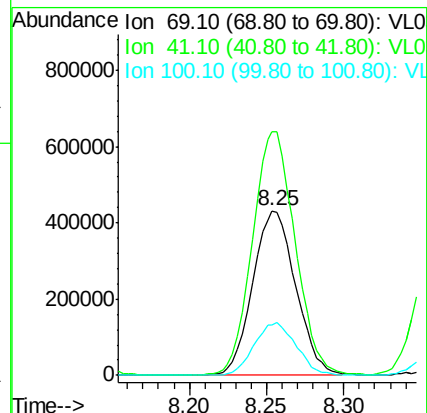
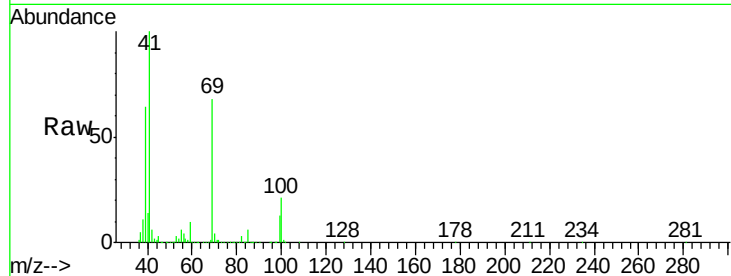




#43
Methyl Methacrylate
Concen: 11.01 ppbv
RT: 8.25 min Scan# 2229
Delta R.T. 0.00 min
Lab File: VL032027.D
Acq: 1 Jun 2018 18:57

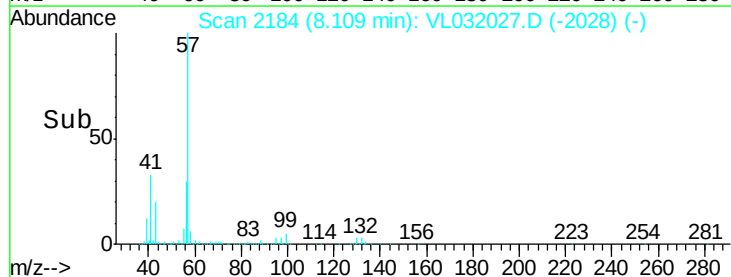
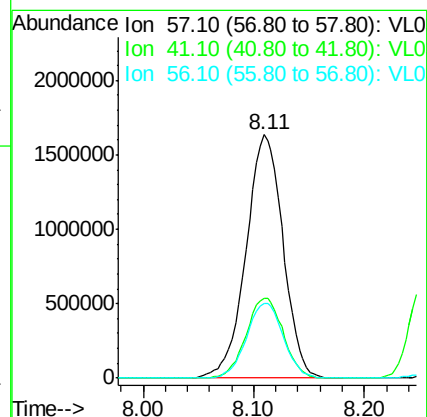
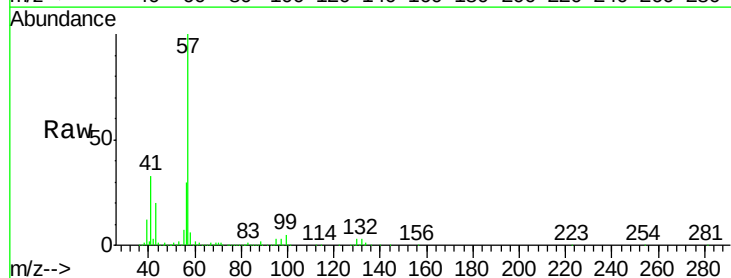
Instrument :
MSVOA_L
ClientSampleId :
VL0601ABS01

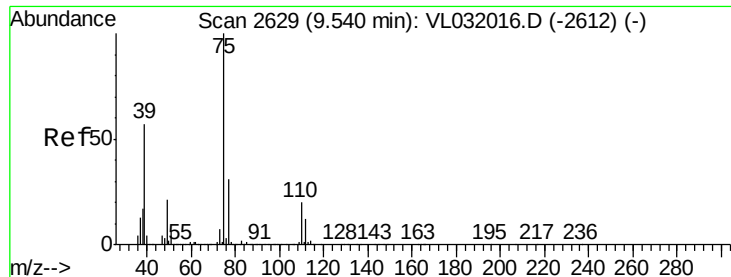
Tgt Ion: 69 Resp: 833993
Ion Ratio Lower Upper
69 100
41 147.3 115.5 173.3
100 31.4 25.4 38.0



#44
2,2,4-Trimethylpentane
Concen: 10.15 ppbv
RT: 8.11 min Scan# 2184
Delta R.T. 0.00 min
Lab File: VL032027.D
Acq: 1 Jun 2018 18:57

Tgt Ion: 57 Resp: 3779699
Ion Ratio Lower Upper
57 100
41 33.1 26.6 40.0
56 30.8 24.9 37.3





#45

t-1,3-Dichloropropene

Concen: 11.68 ppbv

RT: 9.54 min Scan# 2629

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

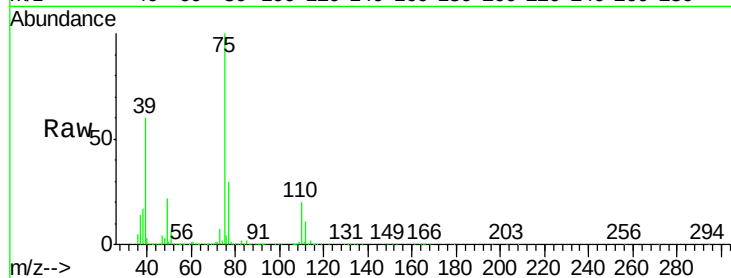
VL0601ABS01

Tgt Ion: 75 Resp: 1196004

Ion Ratio Lower Upper

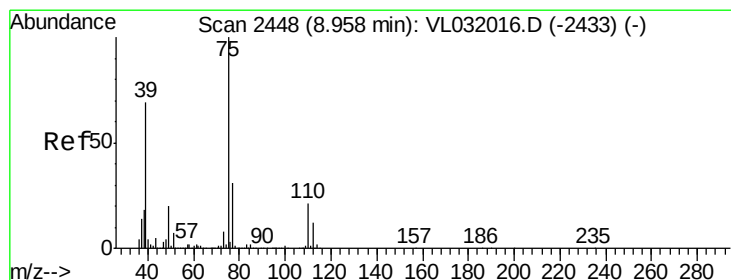
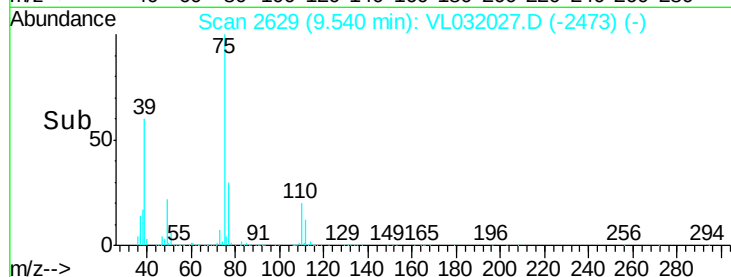
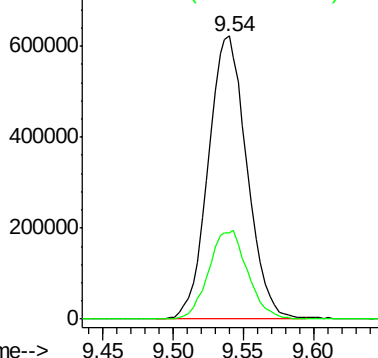
75 100

77 30.4 25.0 37.4



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: 11.29 ppbv

RT: 8.95 min Scan# 2447

Delta R.T. -0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

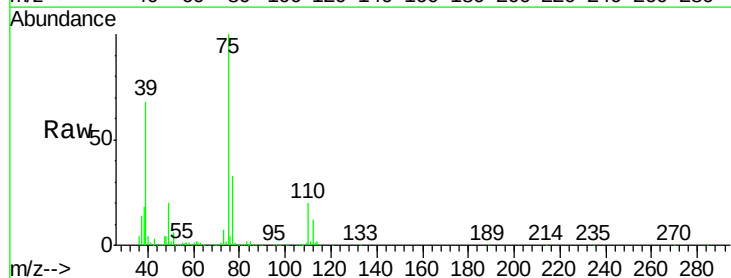
Tgt Ion: 75 Resp: 1468317

Ion Ratio Lower Upper

75 100

39 68.0 55.0 82.6

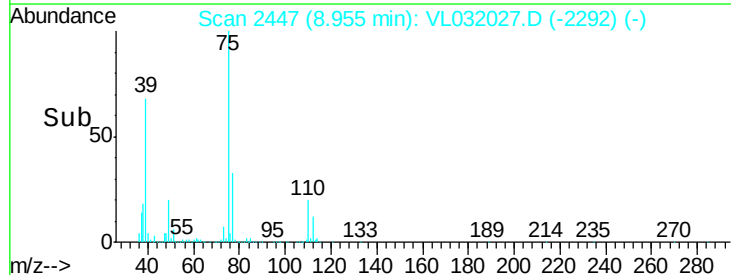
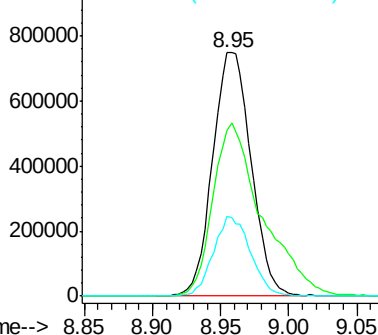
77 32.8 25.0 37.6

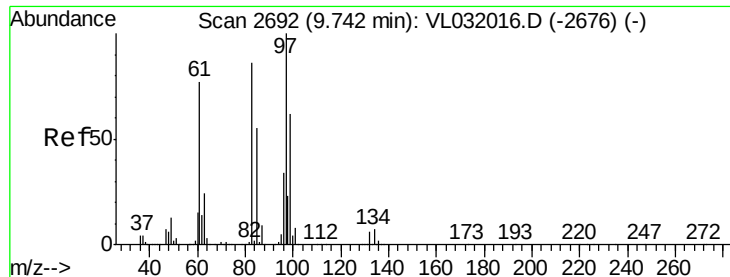


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

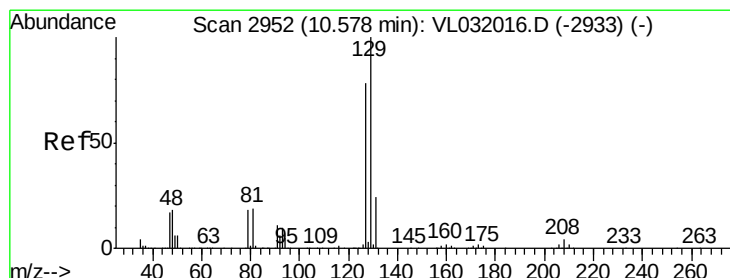
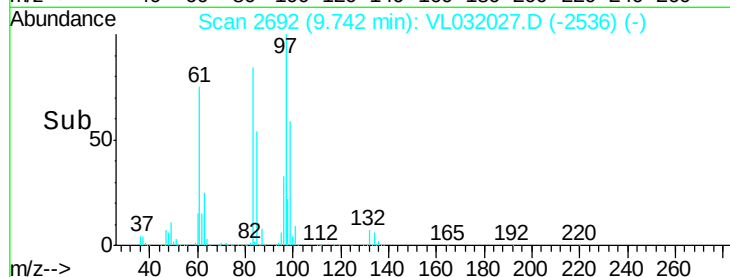
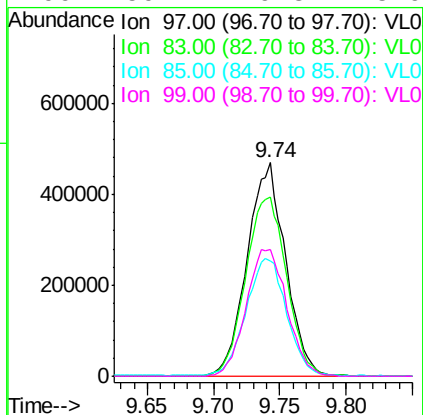
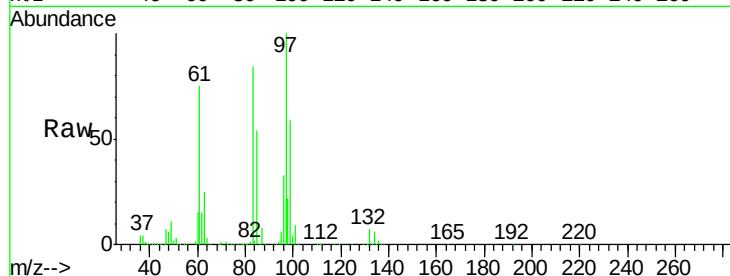




#47
 1,1,2-Trichloroethane
 Concen: 9.56 ppbv
 RT: 9.74 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

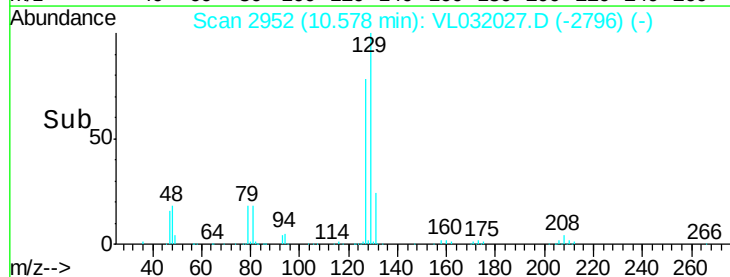
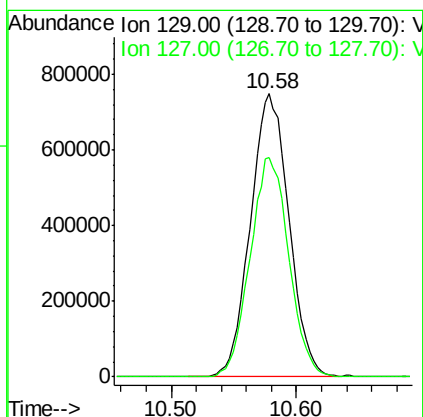
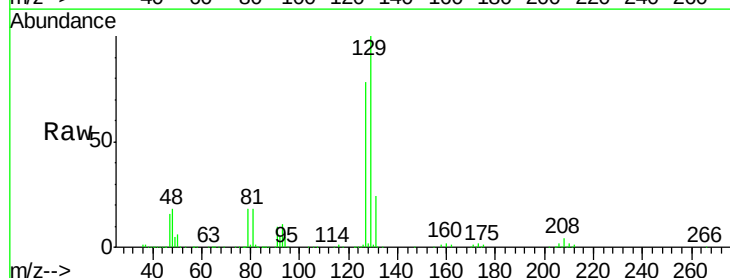
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

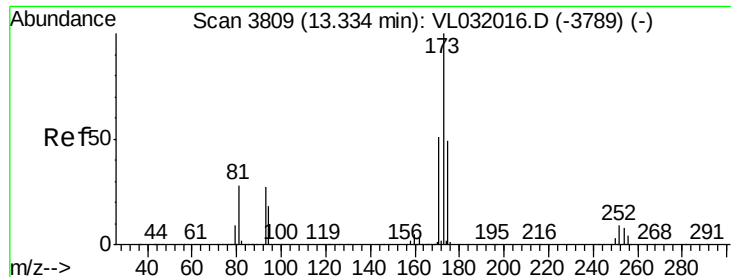
Tgt Ion:	97	Resp:	946127
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.1	103.7
85	53.6	44.5	66.7
99	59.4	49.3	73.9



#48
 Dibromochloromethane
 Concen: 9.76 ppbv
 RT: 10.58 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Tgt Ion:	129	Resp:	1599275
Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.3	117.9





#49

Bromoform

Concen: 9.55 ppbv

RT: 13.33 min Scan# 3808

Delta R.T. -0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

VL0601ABS01

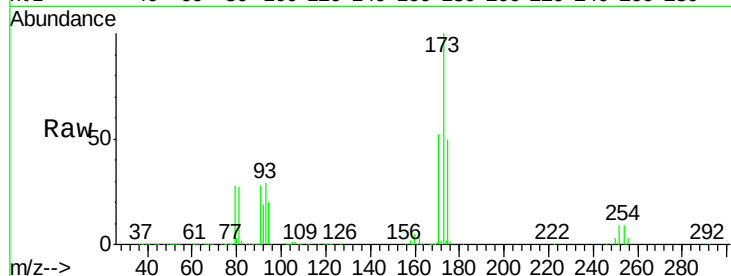
Tgt Ion:173 Resp: 1229509

Ion Ratio Lower Upper

173 100

175 49.6 39.8 59.8

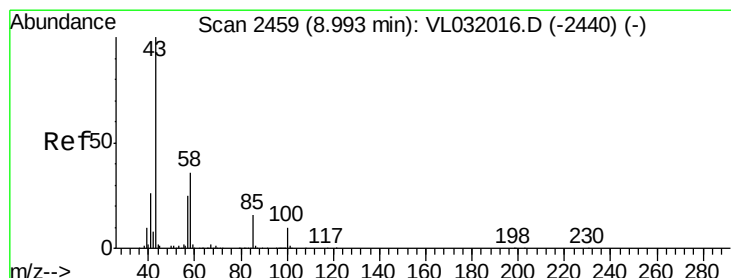
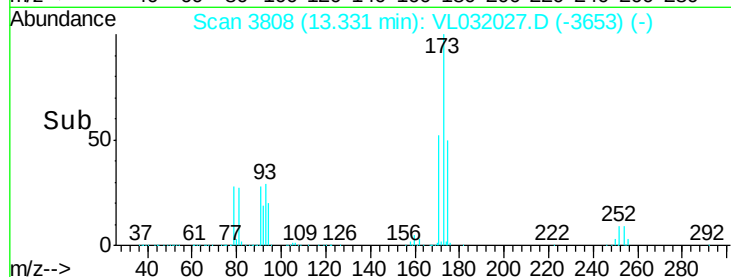
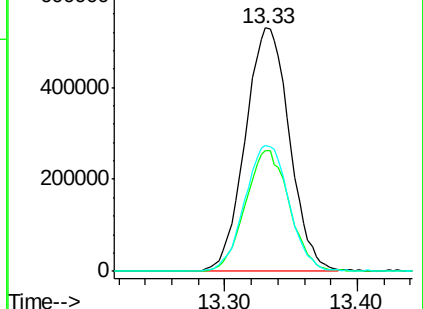
171 51.8 41.7 62.5



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: 10.36 ppbv

RT: 8.99 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VL032027.D

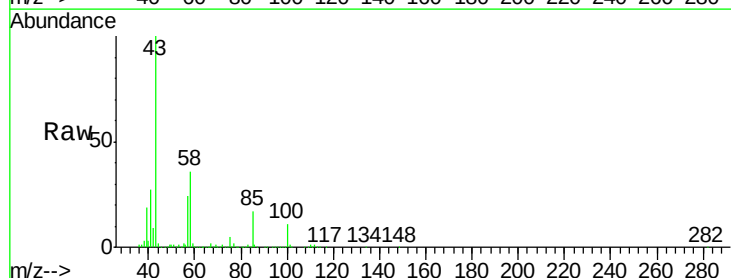
Acq: 1 Jun 2018 18:57

Tgt Ion: 43 Resp: 1960516

Ion Ratio Lower Upper

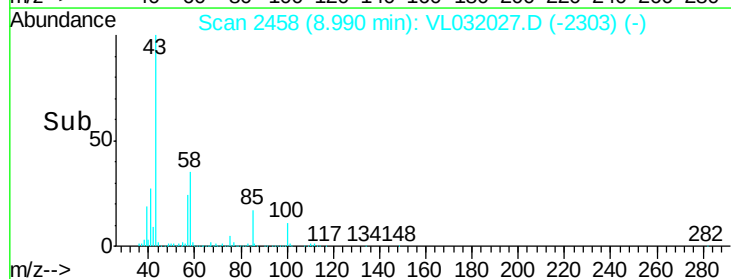
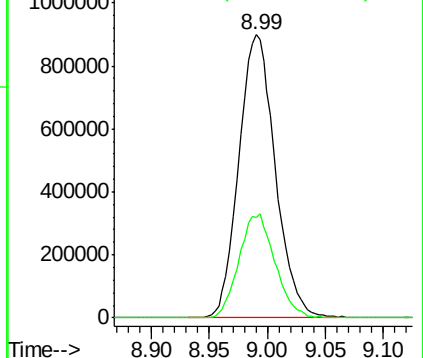
43 100

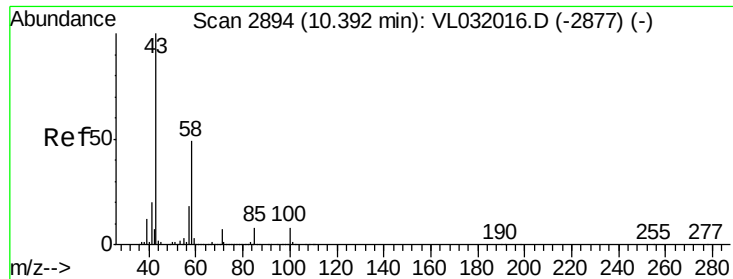
58 36.3 29.1 43.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

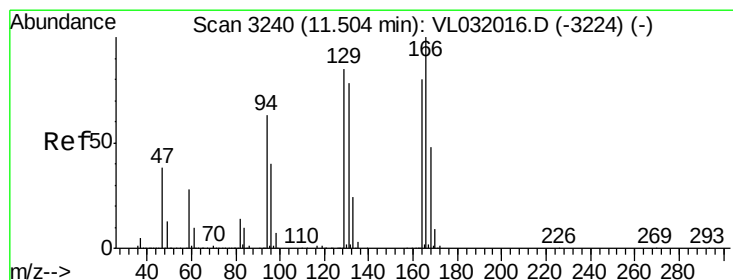
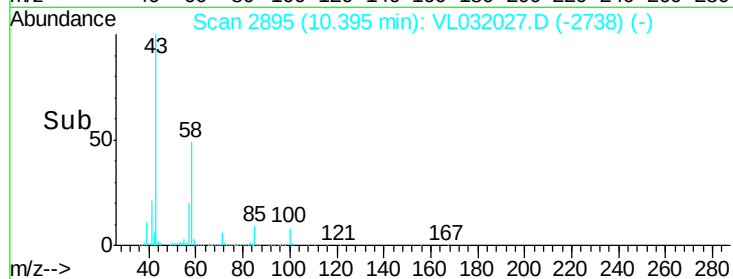
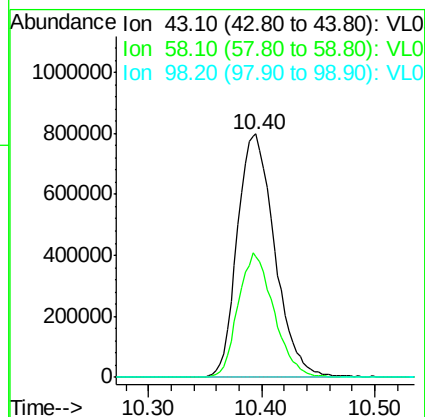
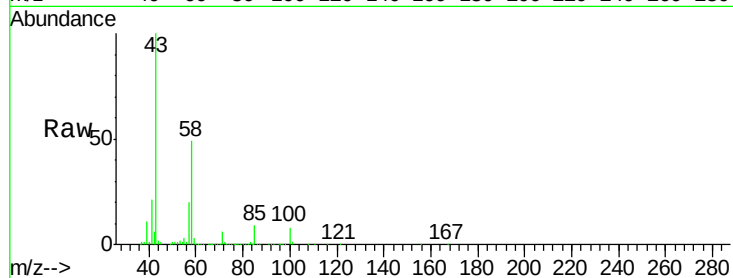




#51
2-Hexanone
Concen: 10.81 ppbv
RT: 10.40 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL032027.D
Acq: 1 Jun 2018 18:57

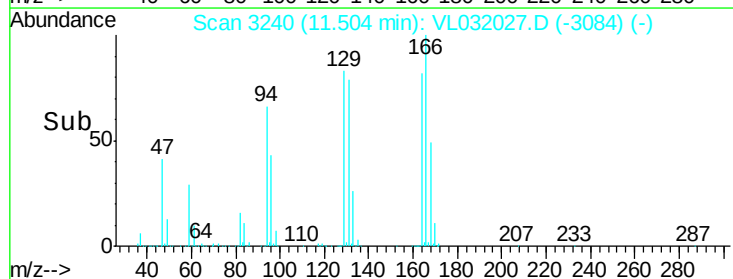
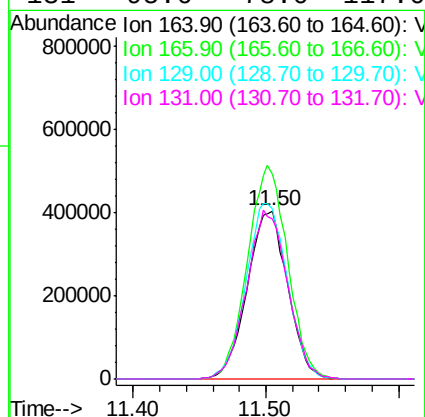
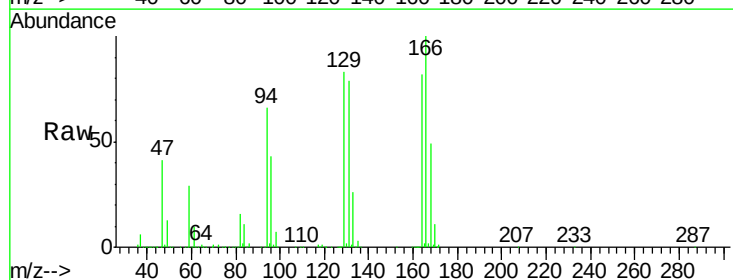
Instrument :
MSVOA_L
ClientSampleId :
VL0601ABS01

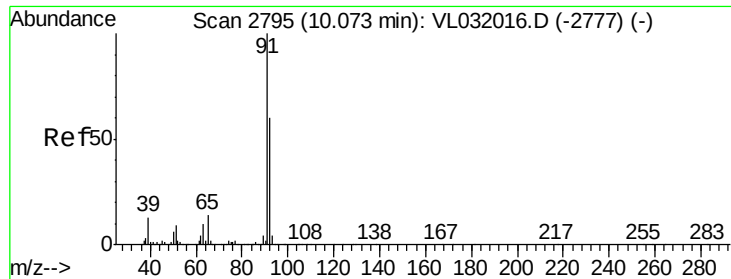
Tgt Ion: 43 Resp: 1836365
Ion Ratio Lower Upper
43 100
58 49.0 39.0 58.6
98 0.2 0.4 0.6#



#52
Tetrachloroethene
Concen: 9.92 ppbv
RT: 11.50 min Scan# 3240
Delta R.T. 0.00 min
Lab File: VL032027.D
Acq: 1 Jun 2018 18:57

Tgt Ion: 164 Resp: 856201
Ion Ratio Lower Upper
164 100
166 121.7 100.2 150.2
129 101.4 85.4 128.0
131 95.6 78.0 117.0





#53

Toluene

Concen: 10.90 ppbv

RT: 10.07 min Scan# 2794

Delta R.T. -0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

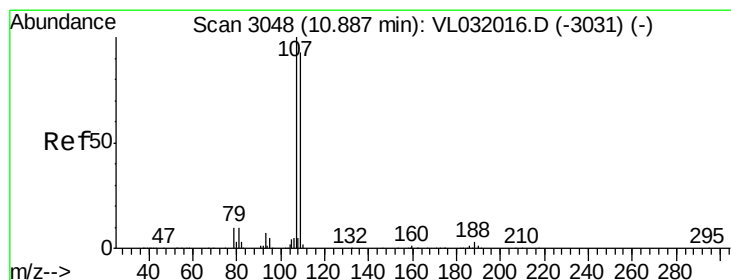
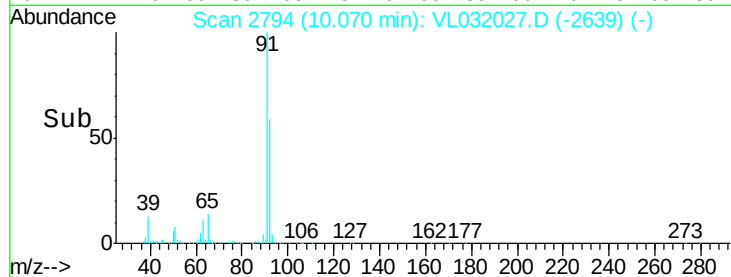
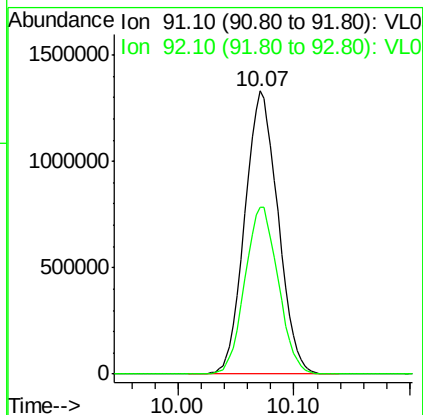
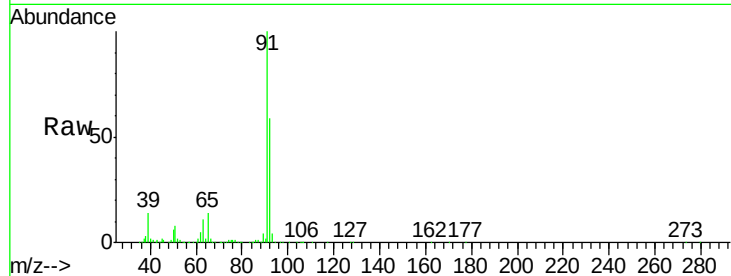
VL0601ABS01

Tgt Ion: 91 Resp: 2651647

Ion Ratio Lower Upper

91 100

92 59.4 48.2 72.2



#54

1,2-Dibromoethane

Concen: 9.76 ppbv

RT: 10.89 min Scan# 3049

Delta R.T. 0.00 min

Lab File: VL032027.D

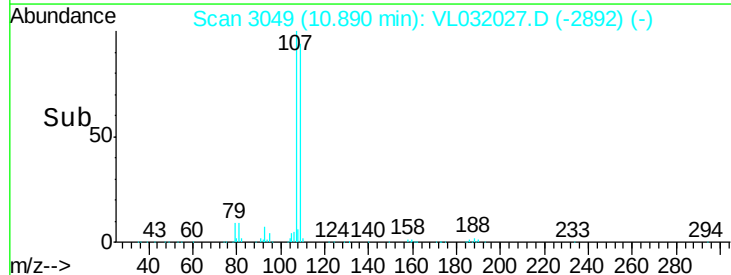
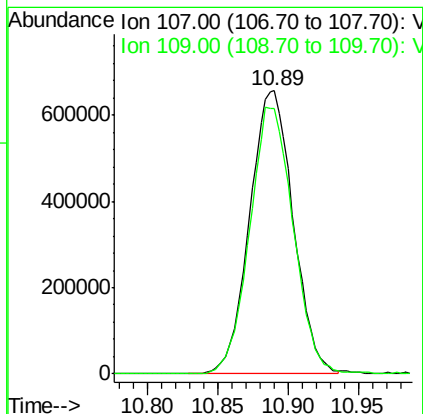
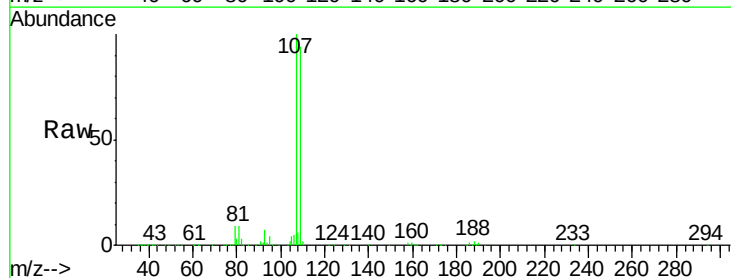
Acq: 1 Jun 2018 18:57

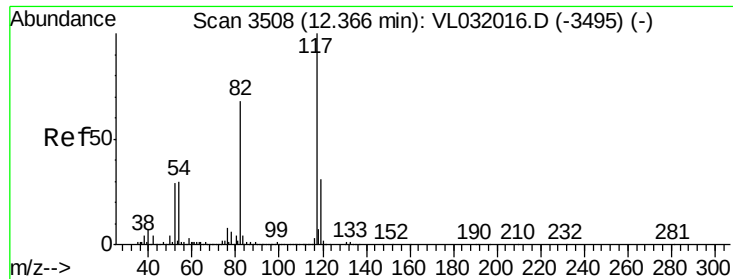
Tgt Ion: 107 Resp: 1414085

Ion Ratio Lower Upper

107 100

109 94.0 74.6 111.8

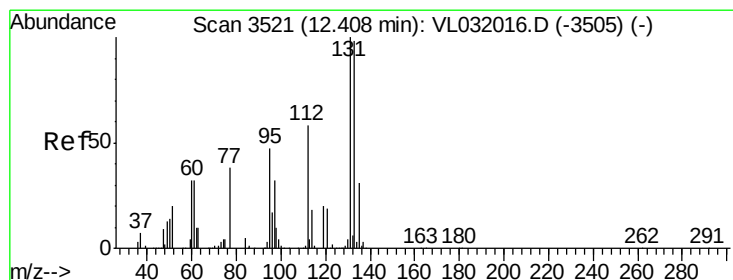
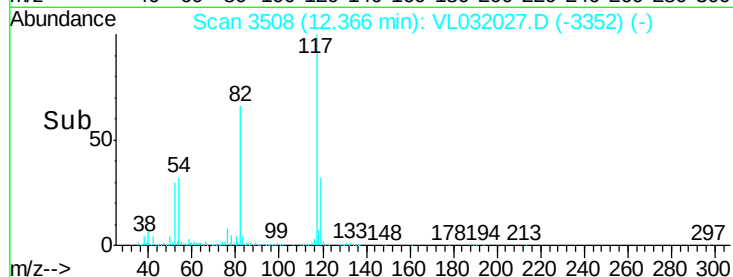
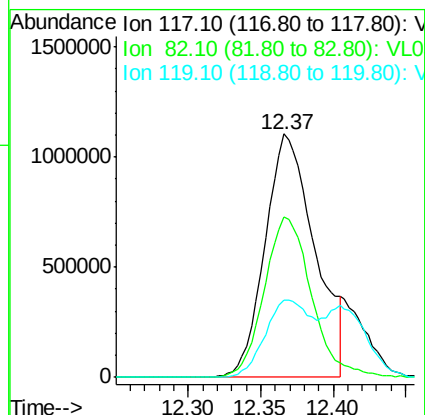
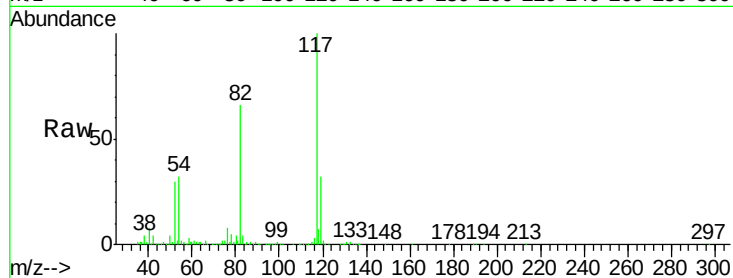




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.37 min Scan# 3508
Delta R.T. 0.00 min
Lab File: VL032027.D
Acq: 1 Jun 2018 18:57

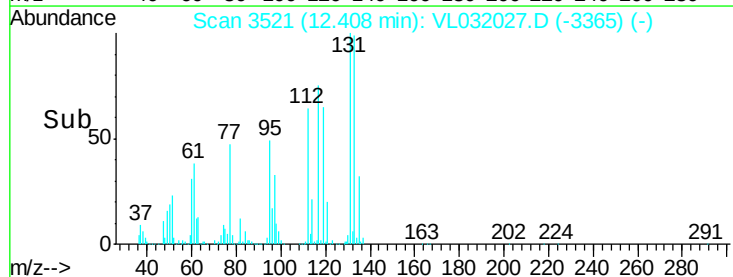
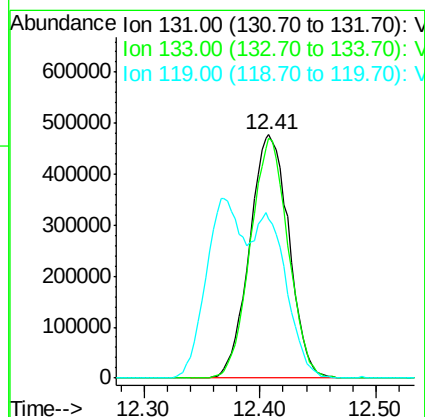
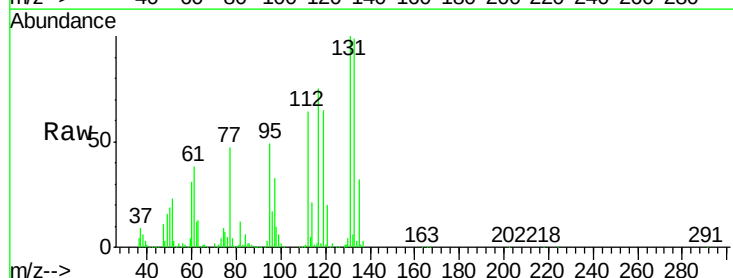
Instrument :
MSVOA_L
ClientSampleId :
VL0601ABS01

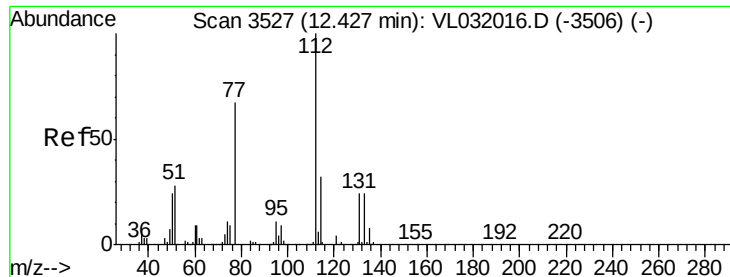
Tgt Ion:117 Resp: 2636907
Ion Ratio Lower Upper
117 100
82 62.6 52.7 79.1
119 29.3 25.5 38.3



#56
1,1,1,2-Tetrachloroethane
Concen: 8.83 ppbv
RT: 12.41 min Scan# 3521
Delta R.T. 0.00 min
Lab File: VL032027.D
Acq: 1 Jun 2018 18:57

Tgt Ion:131 Resp: 1124041
Ion Ratio Lower Upper
131 100
133 94.8 76.7 115.1
119 54.7 49.2 73.8

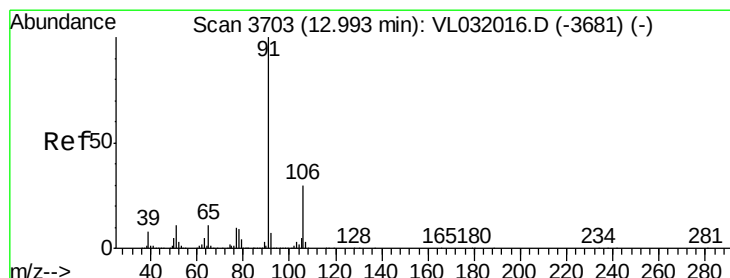
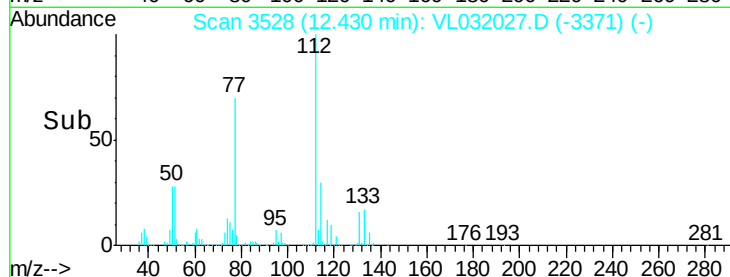
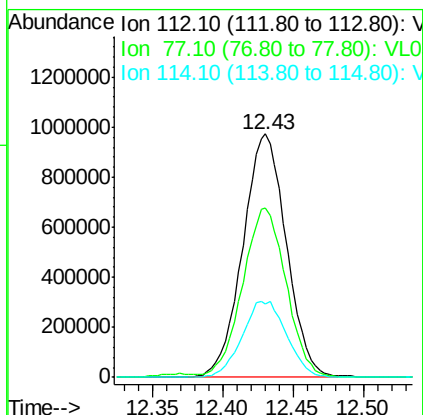
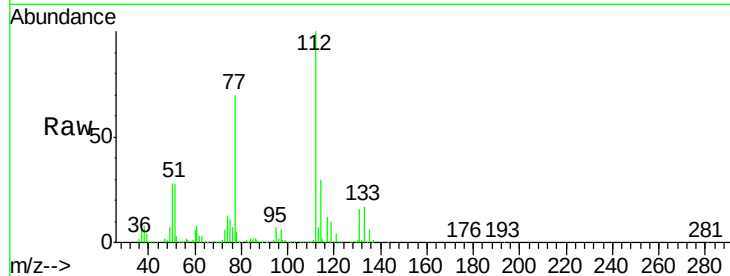




#57
Chlorobenzene
Concen: 8.69 ppbv
RT: 12.43 min Scan# 3528
Delta R.T. 0.00 min
Lab File: VL032027.D
Acq: 1 Jun 2018 18:57

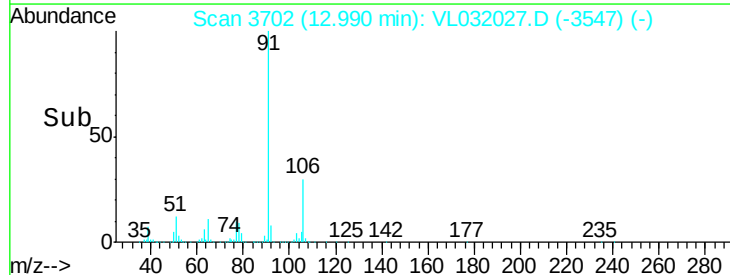
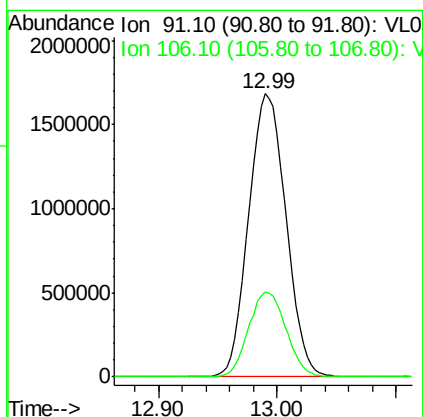
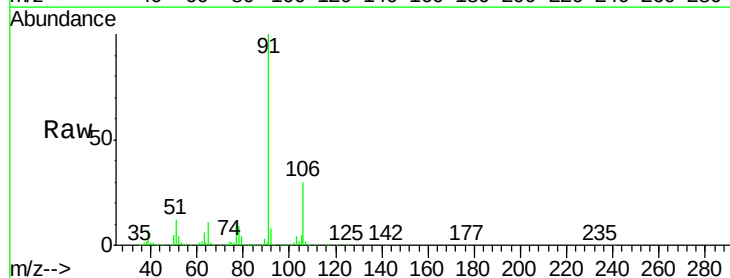
Instrument :
MSVOA_L
ClientSampleId :
VL0601ABS01

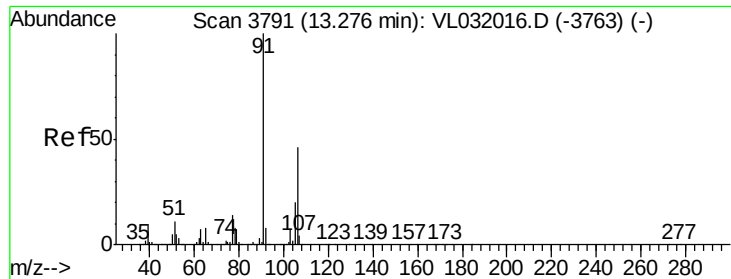
Tgt Ion: 112 Resp: 2092394
Ion Ratio Lower Upper
112 100
77 69.3 54.3 81.5
114 29.8 28.6 35.0



#58
Ethyl Benzene
Concen: 9.87 ppbv
RT: 12.99 min Scan# 3702
Delta R.T. -0.00 min
Lab File: VL032027.D
Acq: 1 Jun 2018 18:57

Tgt Ion: 91 Resp: 3657795
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2

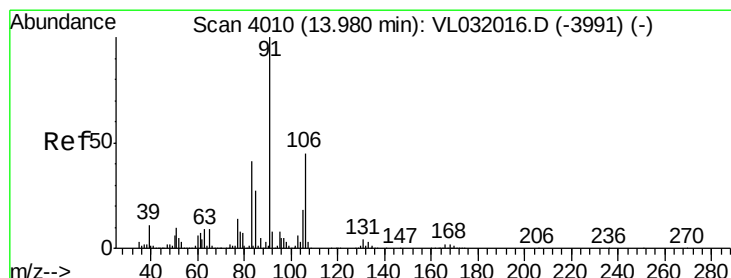
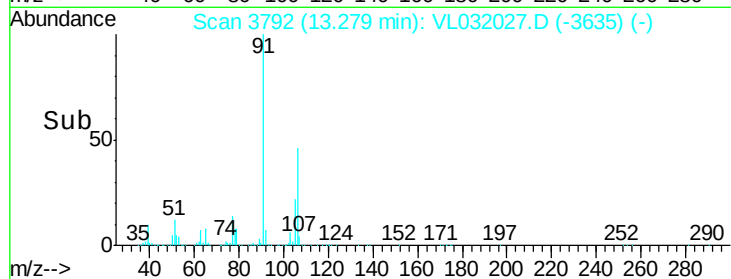
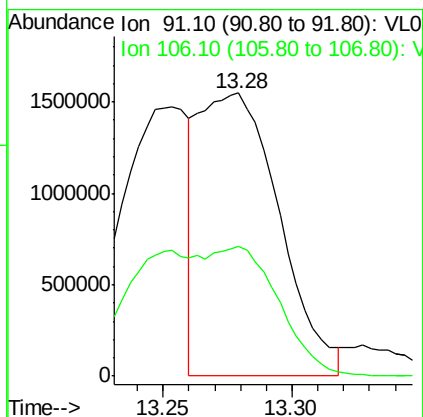
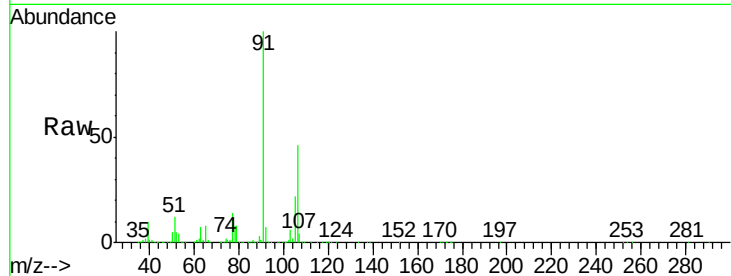




#59
m/p-Xylene
Concen: 10.26 ppbv
RT: 13.28 min Scan# 3792
Delta R.T. 0.00 min
Lab File: VL032027.D
Acq: 1 Jun 2018 18:57

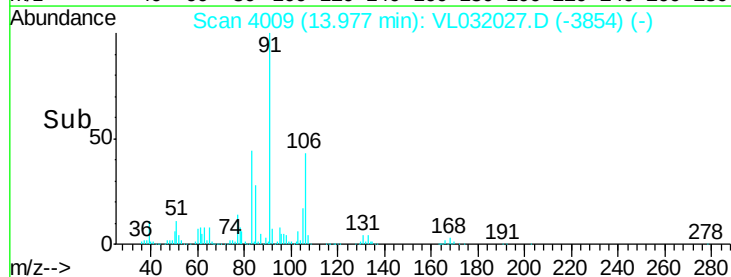
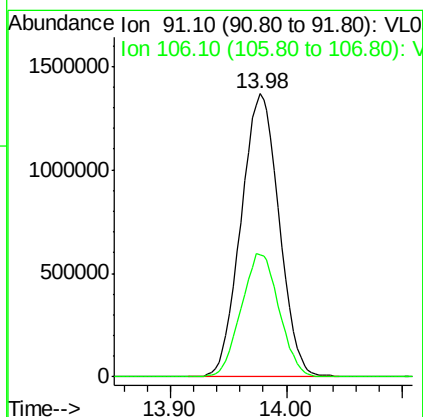
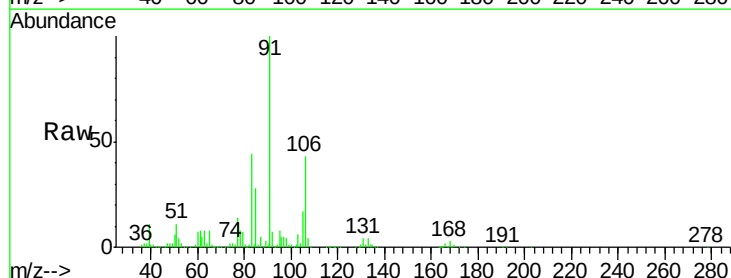
Instrument :
MSVOA_L
ClientSampleId :
VL0601ABS01

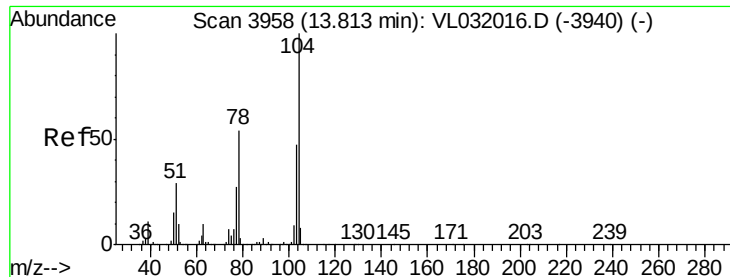
Tgt Ion: 91 Resp: 3333462
Ion Ratio Lower Upper
91 100
106 82.4 35.7 53.5#



#60
o-Xylene
Concen: 9.57 ppbv
RT: 13.98 min Scan# 4009
Delta R.T. -0.00 min
Lab File: VL032027.D
Acq: 1 Jun 2018 18:57

Tgt Ion: 91 Resp: 3120634
Ion Ratio Lower Upper
91 100
106 43.4 21.9 65.5





#61

Styrene

Concen: 11.35 ppbv

RT: 13.81 min Scan# 3957

Delta R.T. -0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

VL0601ABS01

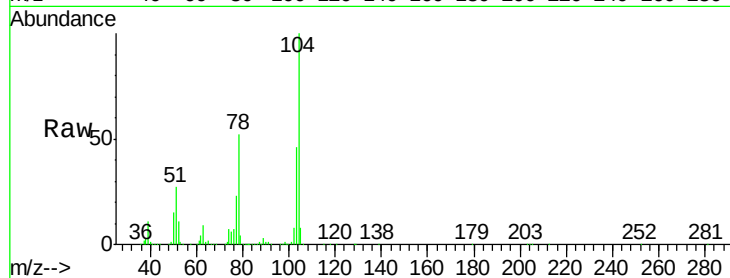
Tgt Ion:104 Resp: 715331

Ion Ratio Lower Upper

104 100

78 53.7 43.0 64.4

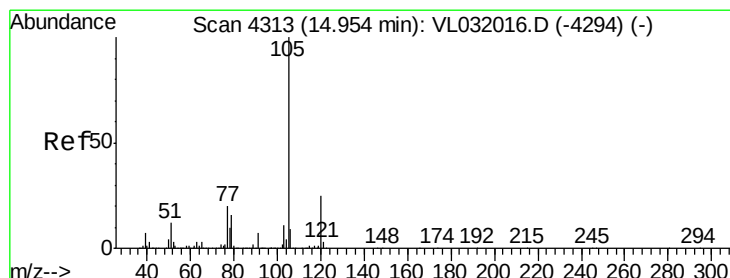
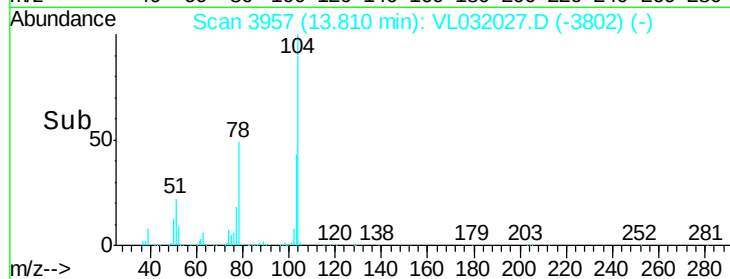
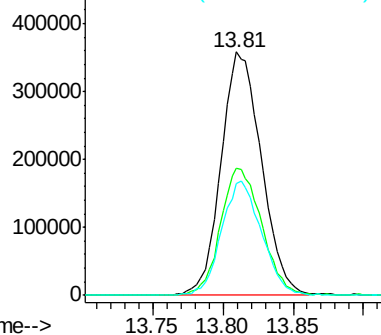
103 47.0 37.4 56.2



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: 9.43 ppbv

RT: 14.95 min Scan# 4312

Delta R.T. -0.00 min

Lab File: VL032027.D

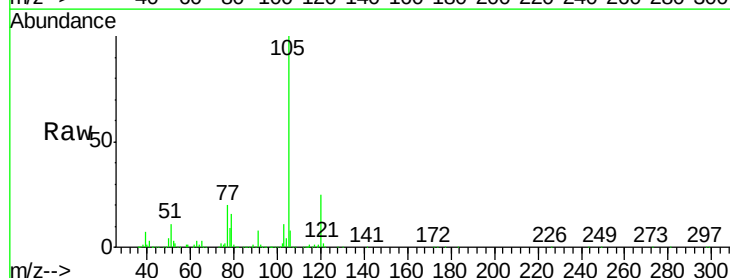
Acq: 1 Jun 2018 18:57

Tgt Ion:105 Resp: 3920738

Ion Ratio Lower Upper

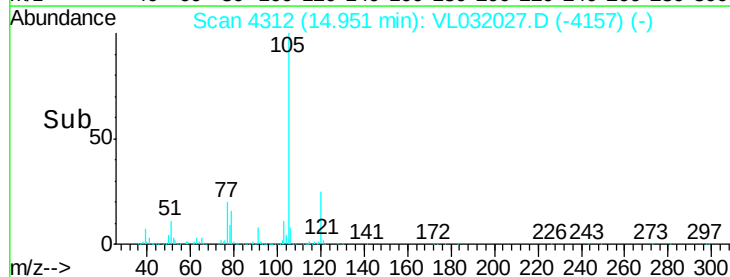
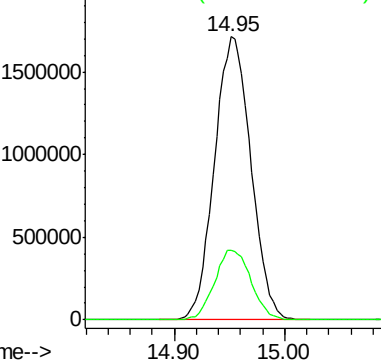
105 100

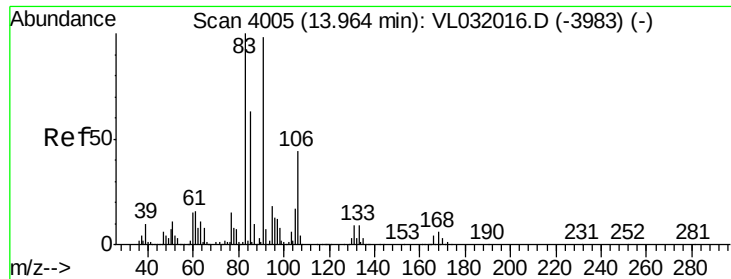
120 24.7 19.8 29.8



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: 7.77 ppbv

RT: 13.96 min Scan# 4005

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

VL0601ABS01

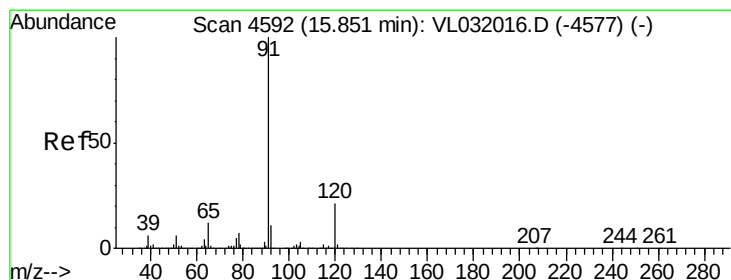
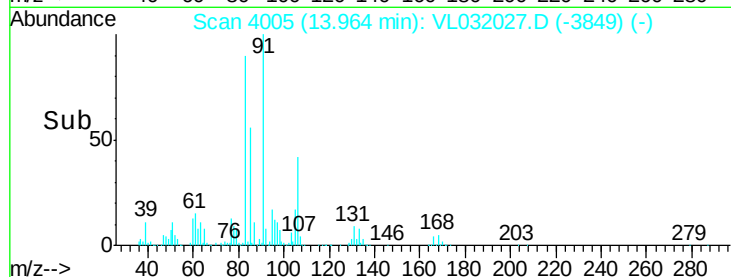
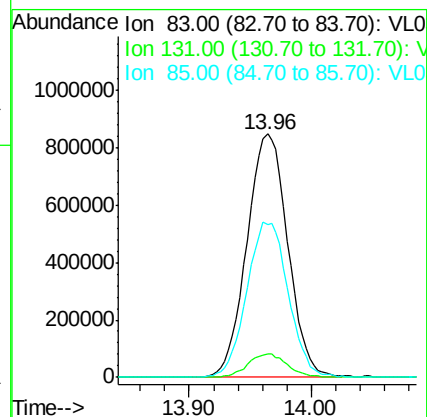
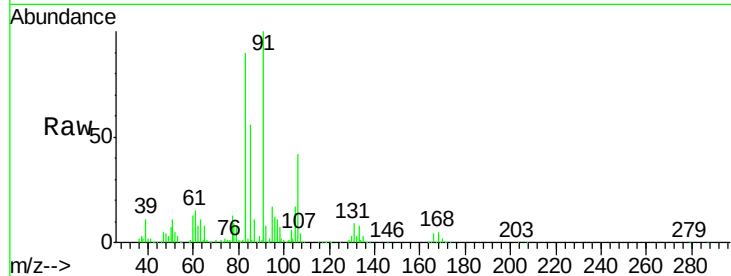
Tgt Ion: 83 Resp: 1963846

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.0

85 65.0 32.2 96.6



#64

n-propylbenzene

Concen: 9.57 ppbv

RT: 15.85 min Scan# 4591

Delta R.T. -0.00 min

Lab File: VL032027.D

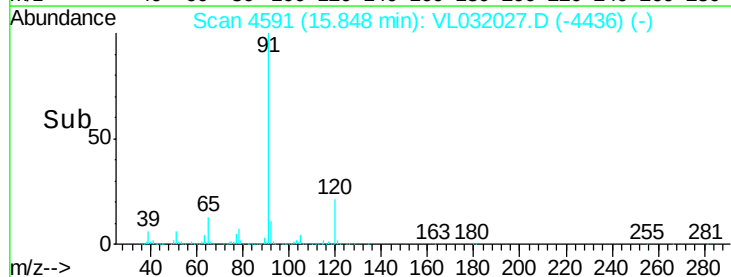
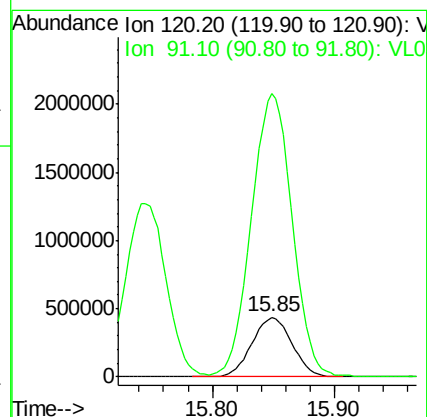
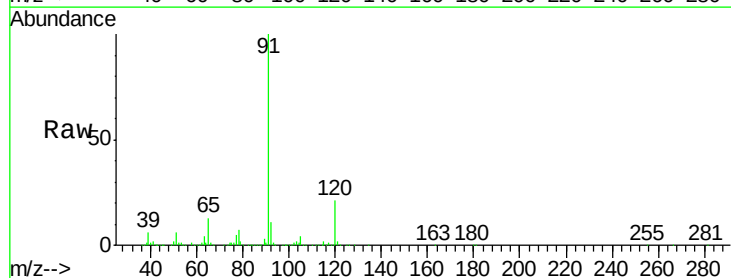
Acq: 1 Jun 2018 18:57

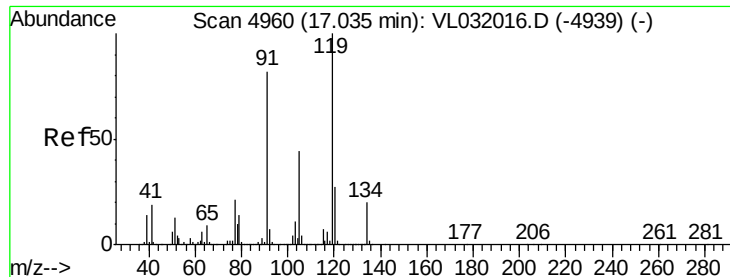
Tgt Ion: 120 Resp: 993496

Ion Ratio Lower Upper

120 100

91 484.2 391.1 586.7

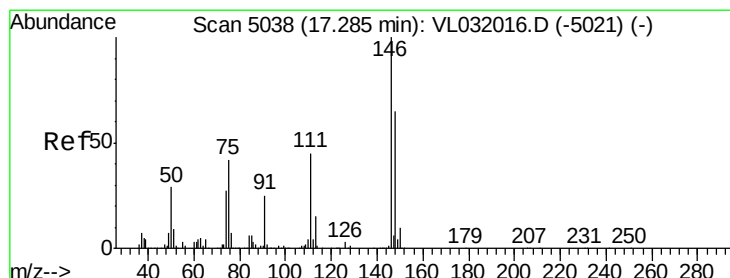
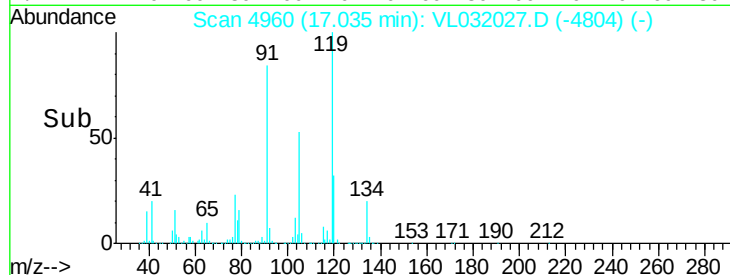
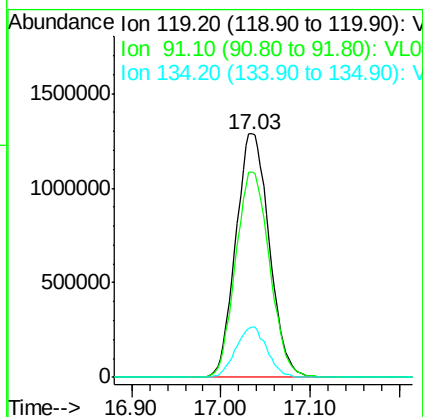
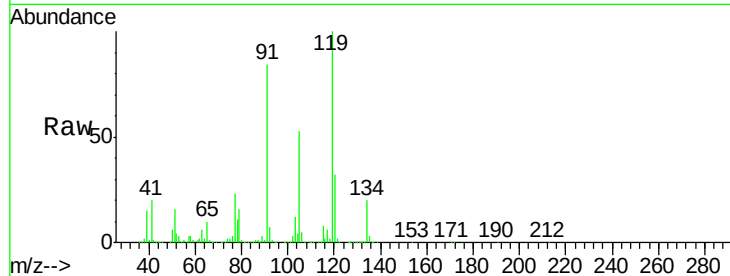




#65
 tert-Butylbenzene
 Concen: 9.24 ppbv
 RT: 17.03 min Scan# 4960
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

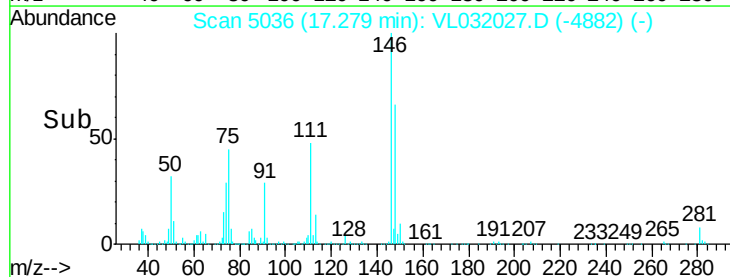
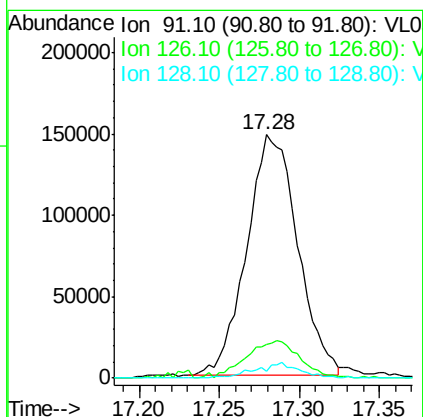
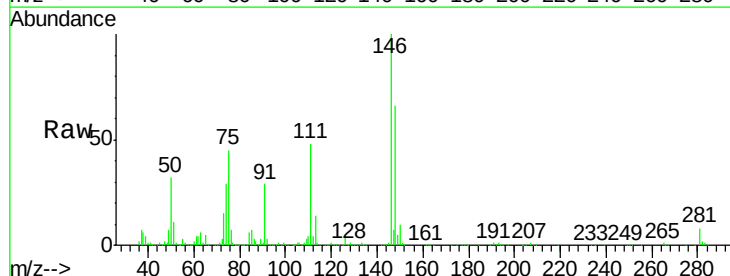
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

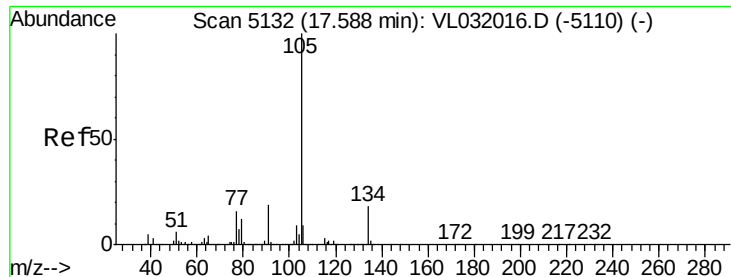
Tgt Ion: 119 Resp: 3358027
 Ion Ratio Lower Upper
 119 100
 91 85.7 68.2 102.4
 134 19.3 15.6 23.4



#66
 Benzyl Chloride
 Concen: 8.01 ppbv
 RT: 17.28 min Scan# 5036
 Delta R.T. -0.01 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Tgt Ion: 91 Resp: 323280
 Ion Ratio Lower Upper
 91 100
 126 16.6 14.2 21.2
 128 5.8 4.5 6.7

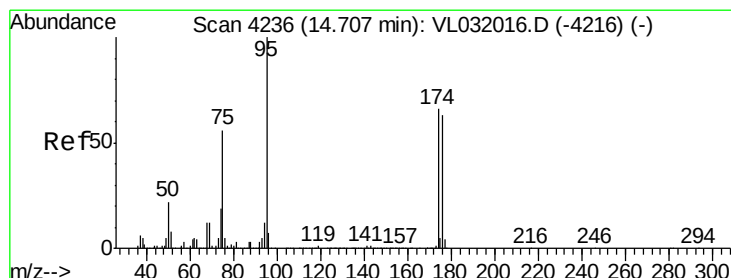
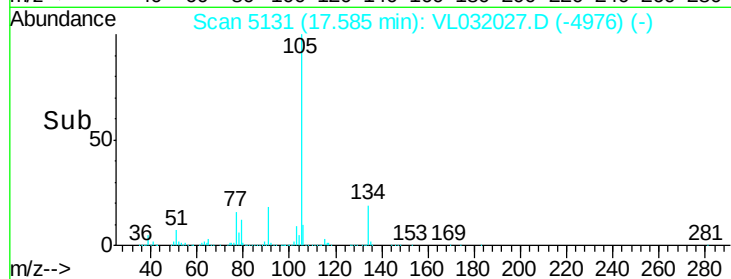
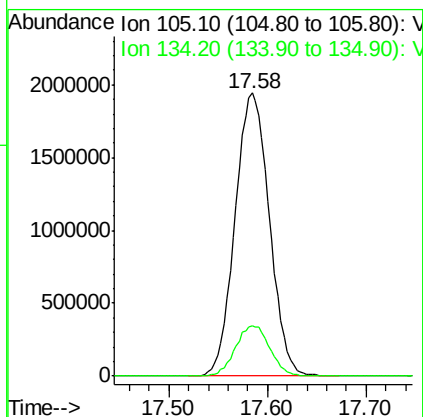
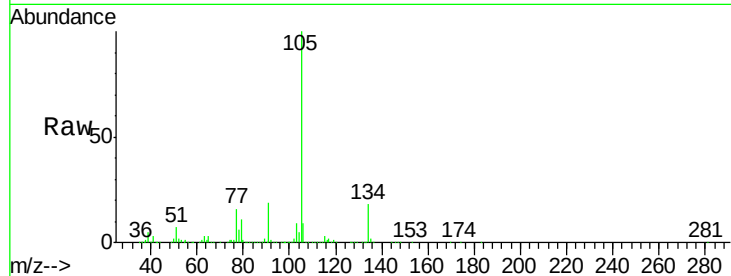




#67
 sec-Butylbenzene
 Concen: 8.89 ppbv
 RT: 17.58 min Scan# 5131
 Delta R.T. -0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

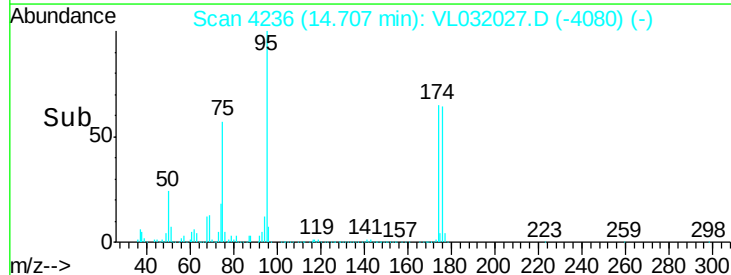
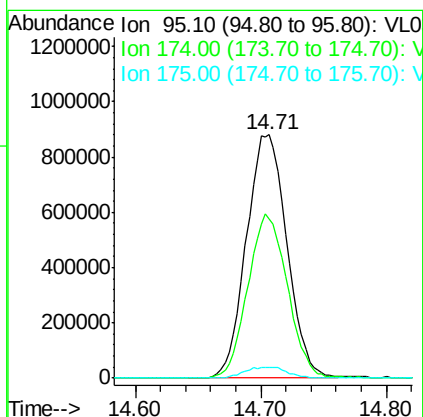
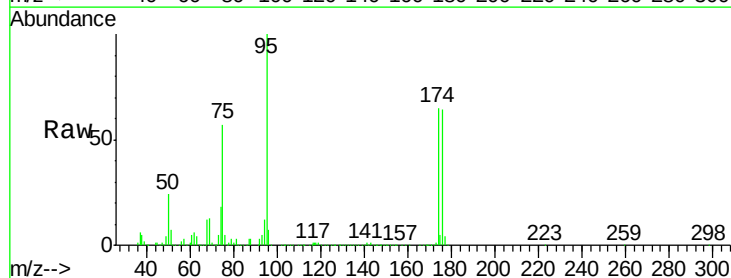
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

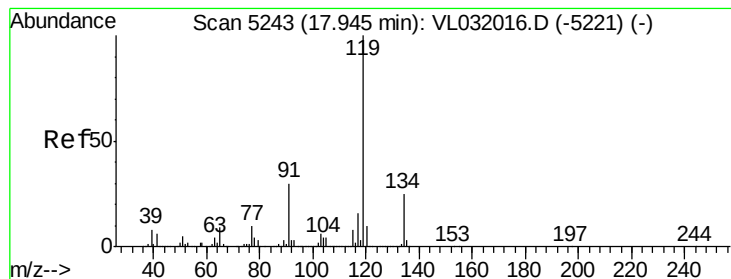
Tgt Ion: 105 Resp: 4688572
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.73 ppbv
 RT: 14.71 min Scan# 4236
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Tgt Ion: 95 Resp: 1981125
 Ion Ratio Lower Upper
 95 100
 174 66.3 53.2 79.8
 175 4.9 3.7 5.5





#69

p-Isopropyltoluene

Concen: 9.34 ppbv

RT: 17.94 min Scan# 5242

Delta R.T. -0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

VL0601ABS01

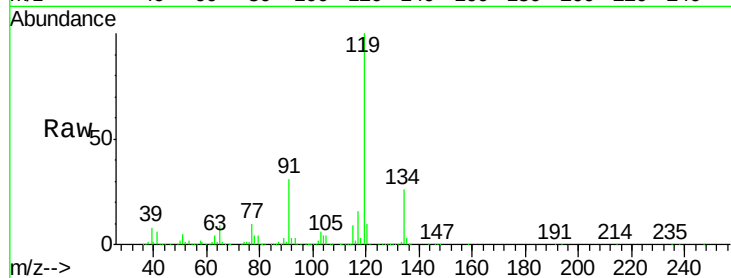
Tgt Ion: 119 Resp: 3814507

Ion Ratio Lower Upper

119 100

134 24.8 19.9 29.9

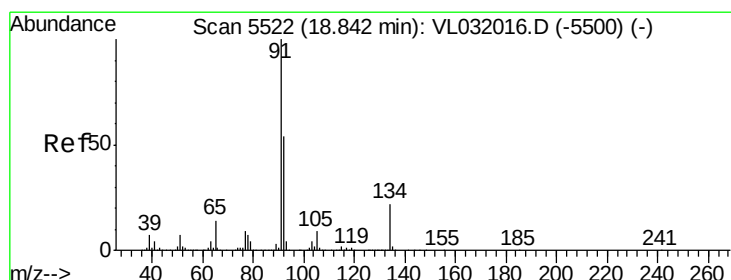
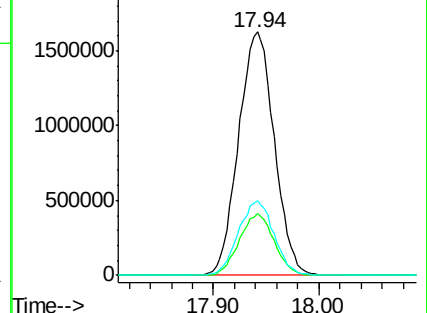
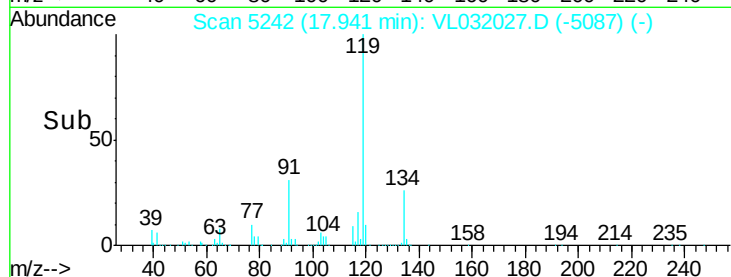
91 30.6 24.1 36.1



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: 9.39 ppbv

RT: 18.84 min Scan# 5521

Delta R.T. -0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

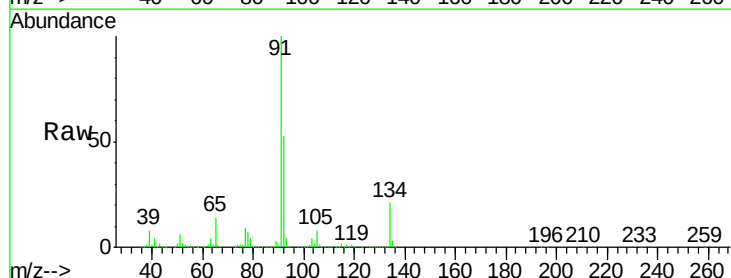
Tgt Ion: 91 Resp: 3949580

Ion Ratio Lower Upper

91 100

92 52.9 42.5 63.7

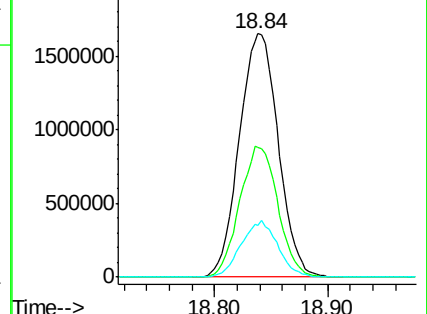
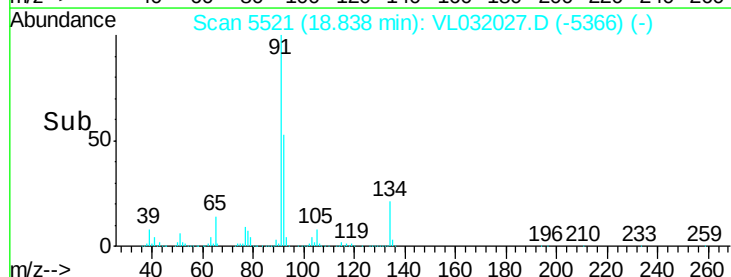
134 21.9 17.4 26.2

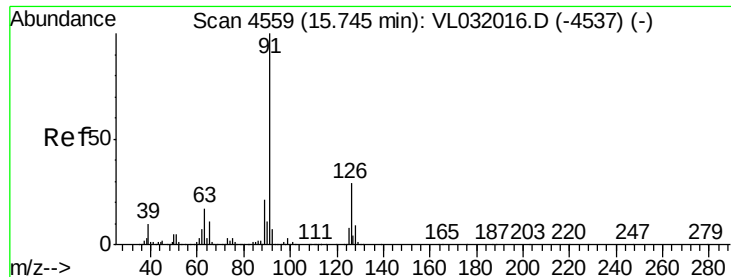


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 9.57 ppbv

RT: 15.75 min Scan# 4559

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

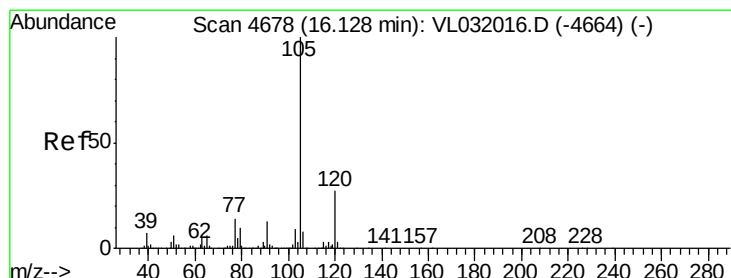
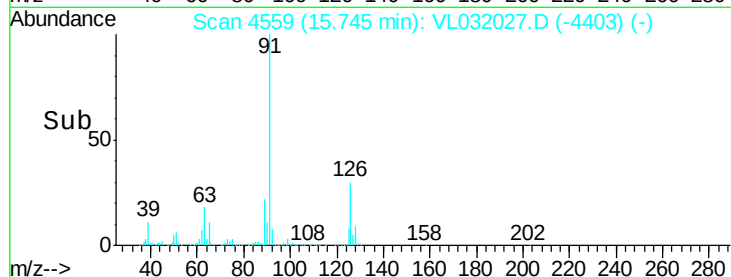
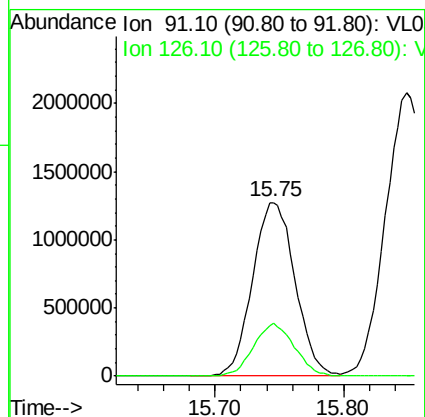
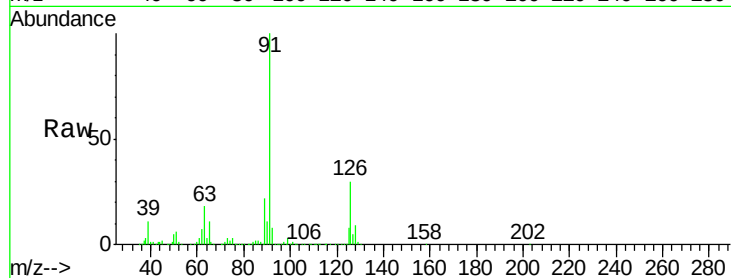
VL0601ABS01

Tgt Ion: 91 Resp: 2923954

Ion Ratio Lower Upper

91 100

126 29.3 11.7 46.7



#72

4-Ethyltoluene

Concen: 10.02 ppbv

RT: 16.13 min Scan# 4678

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Tgt Ion: 105 Resp: 3248529

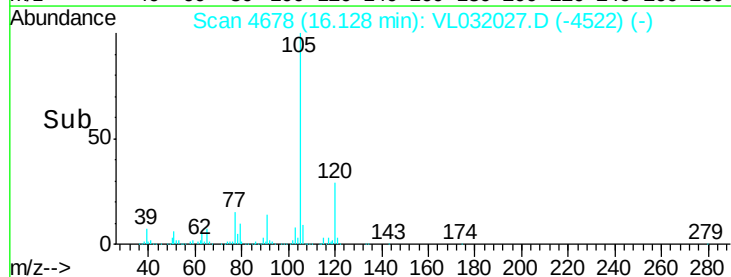
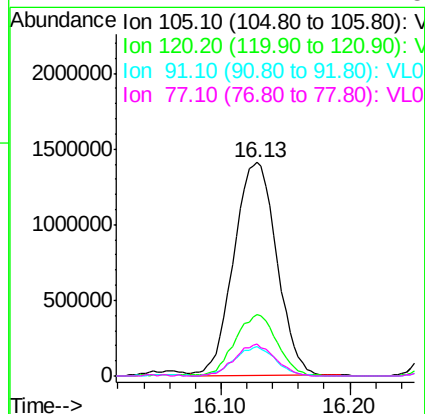
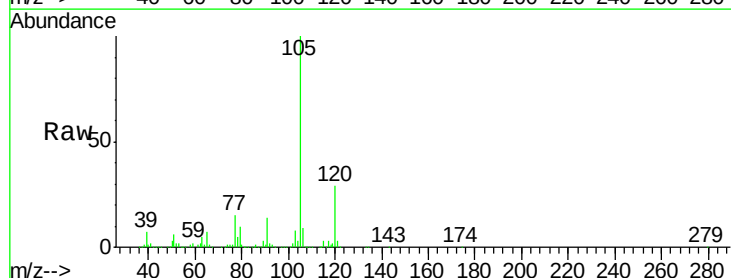
Ion Ratio Lower Upper

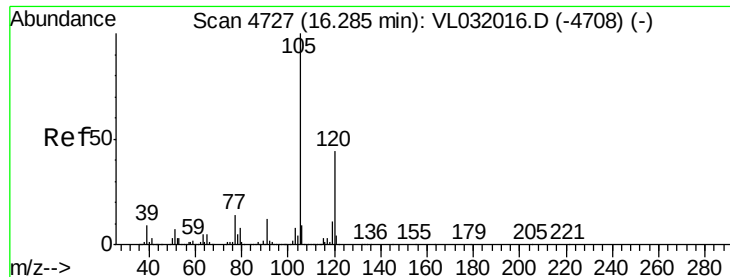
105 100

120 28.4 23.4 35.0

91 13.3 10.7 16.1

77 14.2 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.67 ppbv

RT: 16.29 min Scan# 4727

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

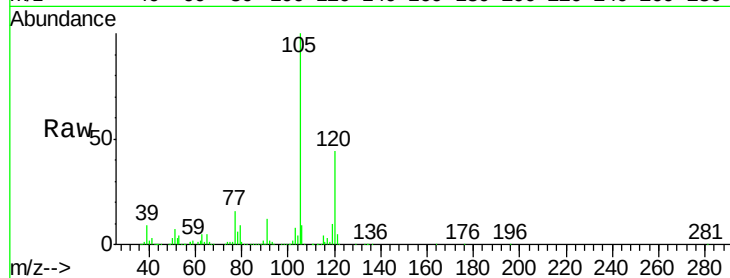
VL0601ABS01

Tgt Ion:105 Resp: 2893301

Ion Ratio Lower Upper

105 100

120 44.1 35.0 52.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

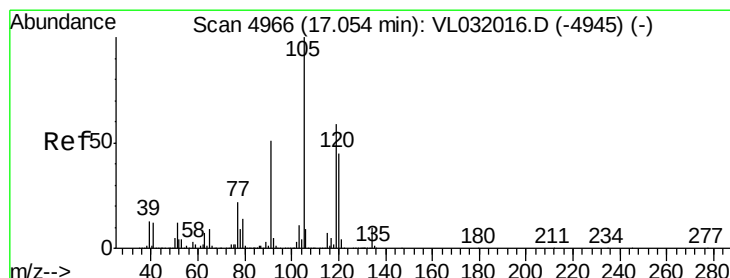
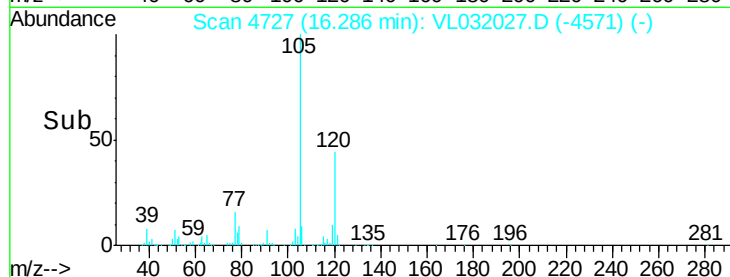
16.29

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 9.17 ppbv

RT: 17.05 min Scan# 4965

Delta R.T. -0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Tgt Ion:105 Resp: 3092141

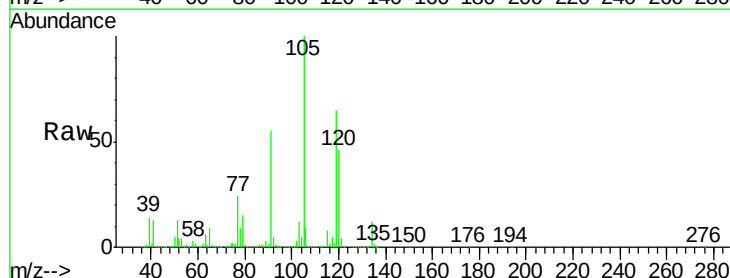
Ion Ratio Lower Upper

105 100

120 45.8 36.0 54.0

91 55.2 41.4 62.0

77 23.6 17.3 25.9



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

2000000

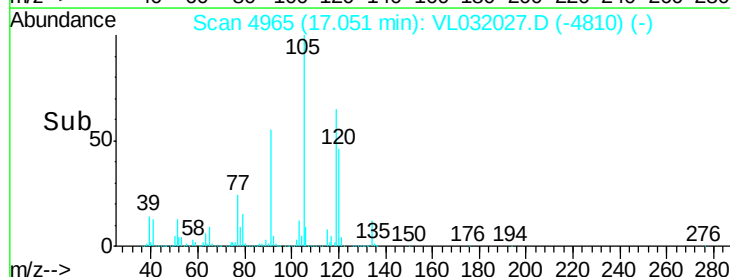
1500000

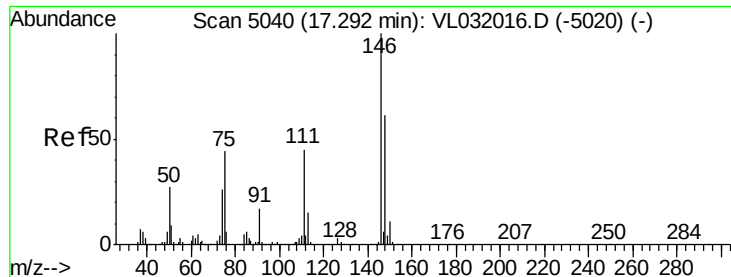
1000000

500000

0

Time-->

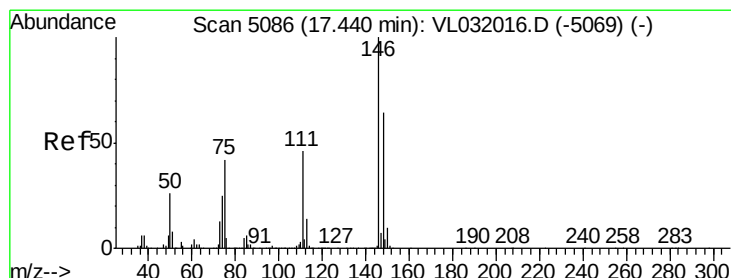
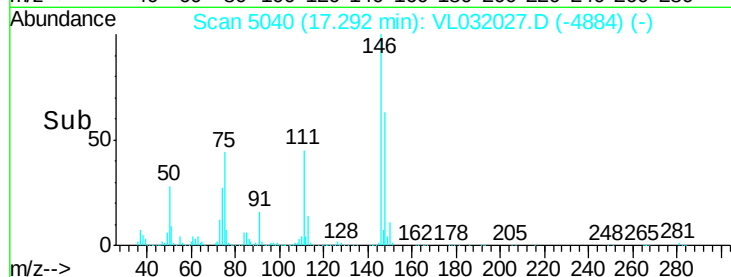
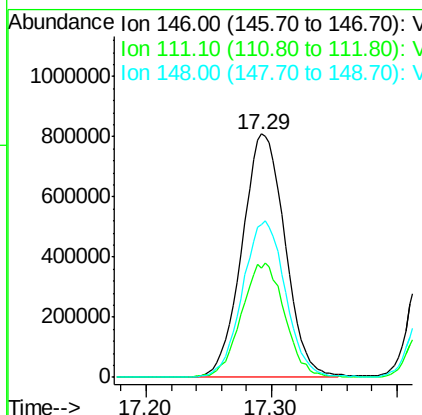
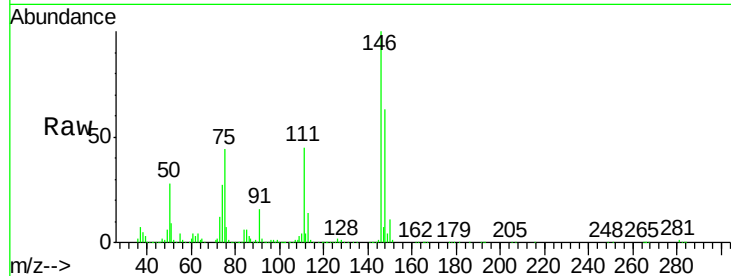




#75
 1,3-Dichlorobenzene
 Concen: 8.28 ppbv
 RT: 17.29 min Scan# 5040
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

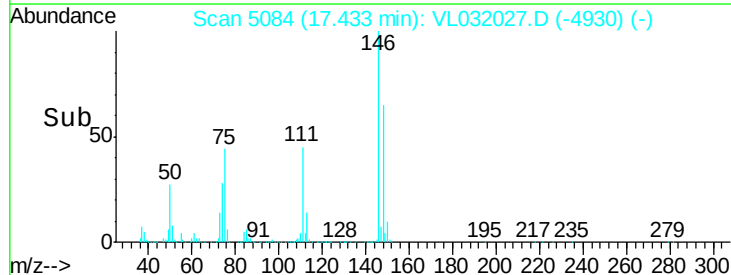
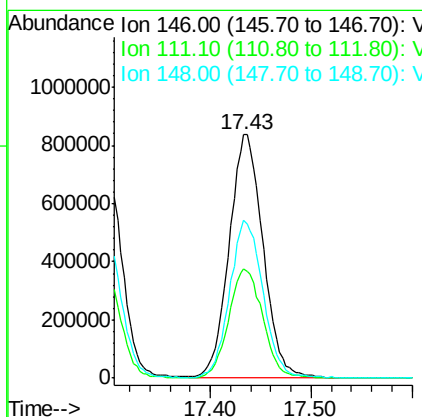
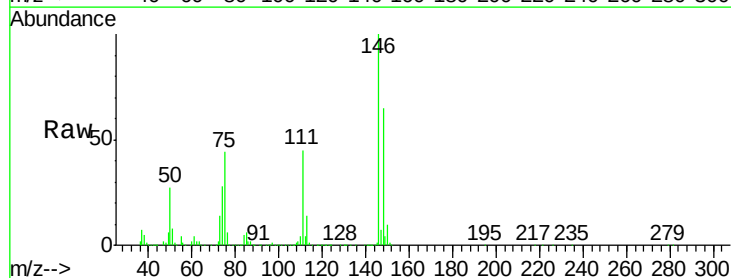
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

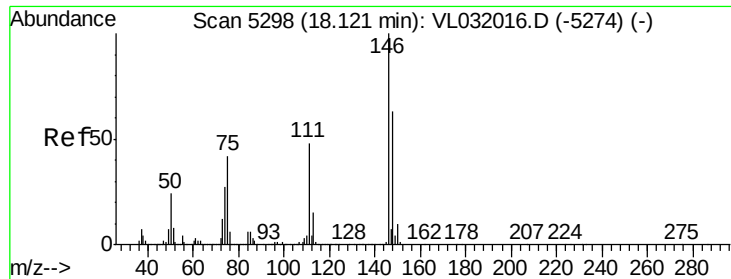
Tgt Ion:146 Resp: 1918382
 Ion Ratio Lower Upper
 146 100
 111 47.8 23.7 71.1
 148 64.9 32.1 96.5



#76
 1,4-Dichlorobenzene
 Concen: 8.81 ppbv
 RT: 17.43 min Scan# 5084
 Delta R.T. -0.01 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Tgt Ion:146 Resp: 1943855
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.4 67.0
 148 64.7 32.1 96.3

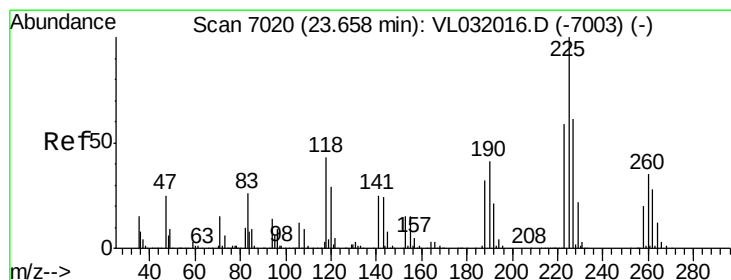
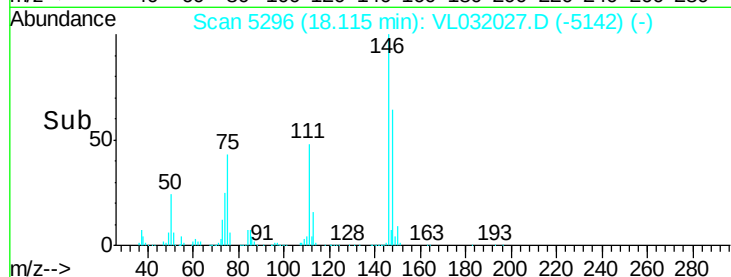
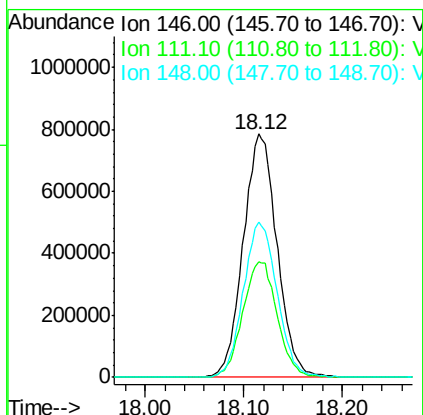
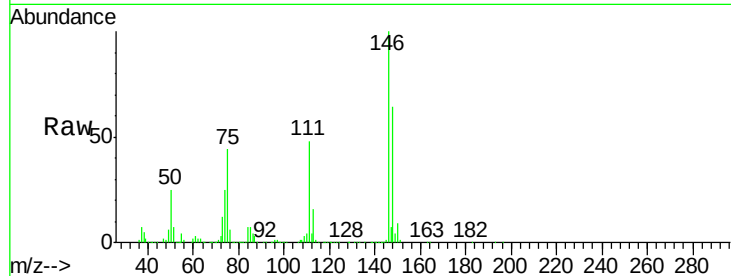




#77
 1,2-Dichlorobenzene
 Concen: 8.47 ppbv
 RT: 18.12 min Scan# 5296
 Delta R.T. -0.01 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

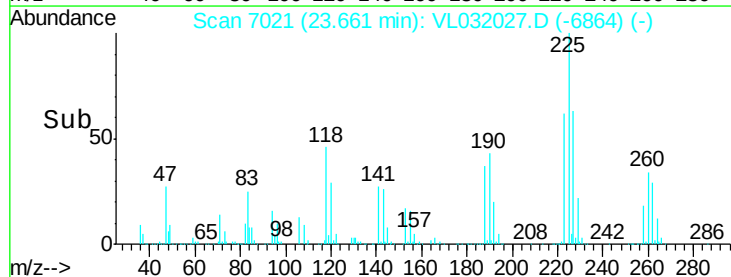
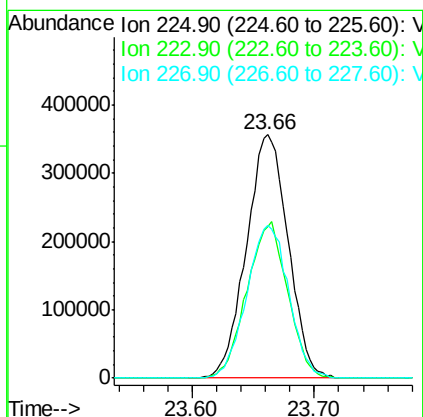
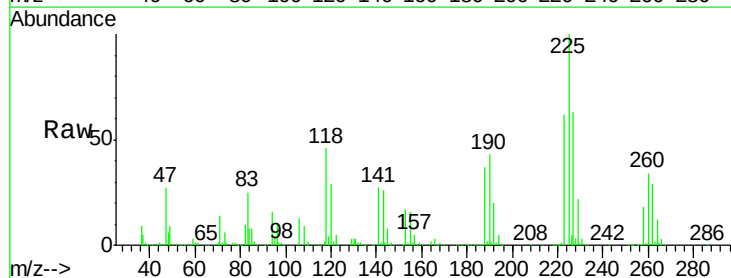
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

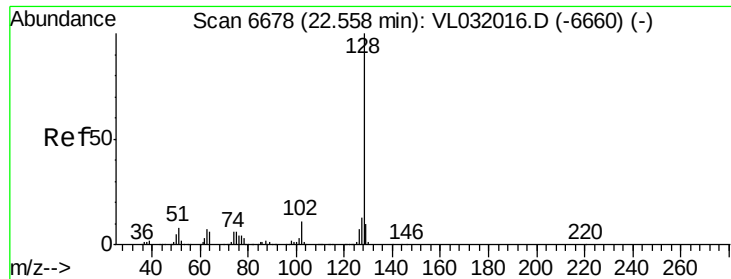
Tgt Ion:146 Resp: 1857141
 Ion Ratio Lower Upper
 146 100
 111 48.5 24.2 72.6
 148 64.0 32.0 96.2



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.70 ppbv
 RT: 23.66 min Scan# 7021
 Delta R.T. 0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Tgt Ion:225 Resp: 843361
 Ion Ratio Lower Upper
 225 100
 223 62.6 49.4 74.2
 227 63.2 51.2 76.8





#79

Naphthalene

Concen: 15.48 ppbv

RT: 22.56 min Scan# 6678

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

VL0601ABS01

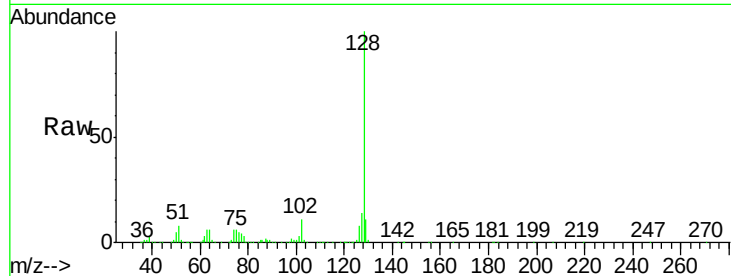
Tgt Ion:128 Resp: 2957338

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.2

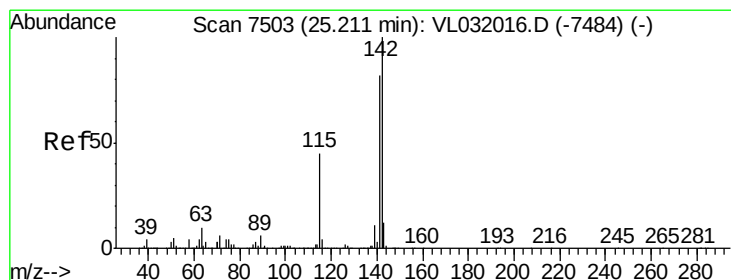
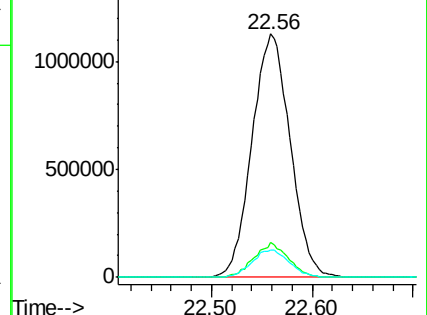
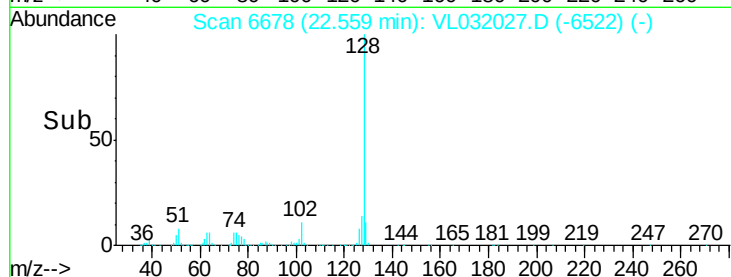
129 11.4 8.2 12.2



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: 25.23 ppbv

RT: 25.21 min Scan# 7503

Delta R.T. 0.00 min

Lab File: VL032027.D

Acq: 1 Jun 2018 18:57

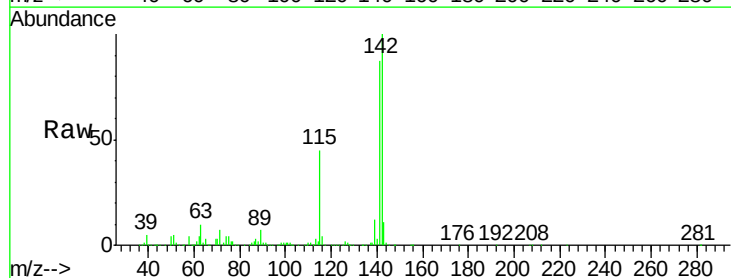
Tgt Ion:142 Resp: 1188342

Ion Ratio Lower Upper

142 100

141 83.5 67.4 101.2

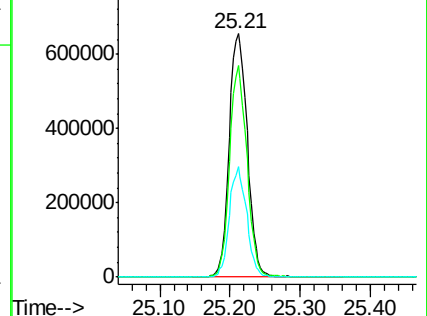
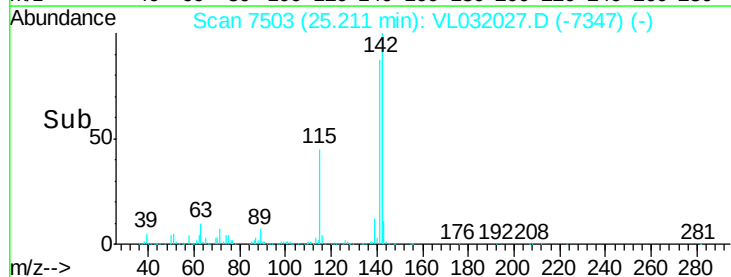
115 43.2 35.3 52.9

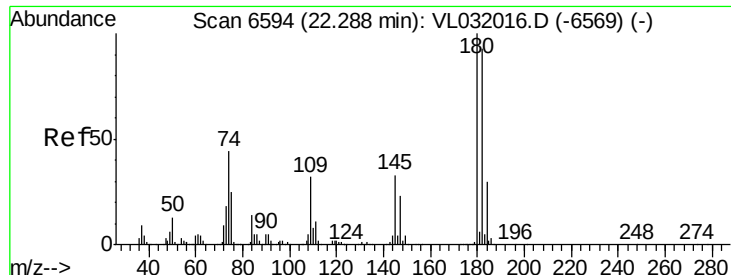


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

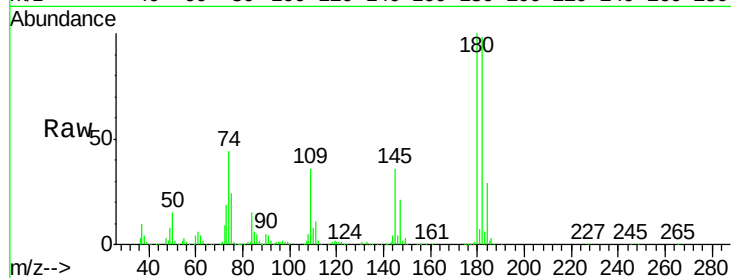




#81
 1,2,4-Trichlorobenzene
 Concen: 13.55 ppbv
 RT: 22.29 min Scan# 6593
 Delta R.T. -0.00 min
 Lab File: VL032027.D
 Acq: 1 Jun 2018 18:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

Tgt Ion:180 Resp: 1518617
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.8 116.6
 184 30.6 24.9 37.3



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

