

Data File : VL032248.D
Acq On : 13 Jul 2018 16:01
Operator : SY/AP
Sample : VL0713ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Quant Time: Jul 13 16:27:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 04:25:14 2018
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1663871	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	3919483	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	5468064	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3487165	8.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.13	85	1829517	7.637	ppbv	100
3) Chlorodifluoromethane	3.06	51	1818733	8.895	ppbv	100
4) Chloromethane	3.23	50	1001308	8.609	ppbv	100
5) Vinyl Chloride	3.35	62	938774	8.193	ppbv	98
6) Bromomethane	3.57	94	508475	7.970	ppbv	98
7) Chloroethane	3.66	64	341646	8.657	ppbv	94
8) Dichlorotetrafluoroethane	3.27	85	1980169	7.526	ppbv	99
9) Propene	3.09	41	798091	9.156	ppbv	100
10) Heptane	8.34	43	2489906	10.059	ppbv	98
11) Trichlorofluoromethane	4.07	101	1983960	8.657	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.62	101	1314007	8.977	ppbv	99
13) Ethanol	3.71	45	199958	7.948	ppbv	96
14) Bromoethene	3.85	108	621805	9.005	ppbv	100
15) Acetone	3.96	43	1565849	8.110	ppbv	99
16) 1,3-Butadiene	3.42	39	847608	8.688	ppbv	99
17) tert-Butyl alcohol	4.42	59	726579	8.060	ppbv	100
18) 1,1-Dichloroethene	4.42	96	615887	9.041	ppbv	95
19) Isopropyl Alcohol	4.09	45	1279112	10.089	ppbv	# 99
20) Methylene Chloride	4.48	84	563540	8.613	ppbv	97
21) Allyl Chloride	4.55	41	1103577	9.763	ppbv	98
22) trans-1,2-Dichloroethene	5.04	96	650815	10.038	ppbv	95
23) Vinyl Acetate	5.23	43	3070492	9.562	ppbv	99
24) 1,1-Dichloroethane	5.16	63	2076698	9.211	ppbv	99
25) Ethyl Acetate	5.85	43	3638168	9.522	ppbv	100
26) Hexane	5.86	57	1655976	9.501	ppbv	100
27) Carbon Disulfide	4.69	76	1599694	10.258	ppbv	100
28) Methyl tert-Butyl Ether	5.19	73	2610560	9.516	ppbv	99
29) Chloroform	5.93	83	2447481	9.096	ppbv	99
30) Cyclohexane	7.33	84	1531888	9.960	ppbv	98
31) cis-1,2-Dichloroethene	5.72	61	1704696	9.801	ppbv	99
32) 1,1,1-Trichloroethane	6.70	97	2549530	9.765	ppbv	100
34) 2-Butanone	5.40	43	2584269	9.677	ppbv	99
35) Carbon Tetrachloride	7.22	117	2609509	9.837	ppbv	99
36) Benzene	7.09	78	3749435	9.625	ppbv	99
37) 1,2-Dichloroethane	6.50	62	2130329	9.990	ppbv	100
38) Trichloroethene	8.05	130	1219312	9.126	ppbv	97
39) 1,2-Dichloropropane	7.82	63	1519002	9.813	ppbv	99
40) 1,4-Dioxane	8.04	88	525259	9.895	ppbv	# 94
41) Tetrahydrofuran	6.23	42	1502795	10.055	ppbv	98
42) Bromodichloromethane	8.01	83	2935608	9.667	ppbv	99
43) Methyl Methacrylate	8.22	69	1542588	10.248	ppbv	98

Data File : VL032248.D
Acq On : 13 Jul 2018 16:01
Operator : SY/AP
Sample : VL0713ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Quant Time: Jul 13 16:27:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 04:25:14 2018
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	8.08	57	6421450	9.585	ppbv	100
45) t-1,3-Dichloropropene	9.51	75	2260084	12.607	ppbv	98
46) cis-1,3-Dichloropropene	8.93	75	2201831	9.005	ppbv	100
47) 1,1,2-Trichloroethane	9.71	97	1515381	8.764	ppbv	98
48) Dibromochloromethane	10.55	129	2539146	9.871	ppbv	99
49) Bromoform	13.30	173	2085237	10.112	ppbv	100
50) 4-Methyl-2-Pentanone	8.96	43	4263770	9.229	ppbv	99
51) 2-Hexanone	10.37	43	3873800	10.040	ppbv	99
52) Tetrachloroethene	11.47	164	1225239	8.513	ppbv	98
53) Toluene	10.04	91	4123473	8.954	ppbv	99
54) 1,2-Dibromoethane	10.86	107	2336817	9.155	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.38	131	1794159	7.553	ppbv	100
57) Chlorobenzene	12.40	112	3366562	7.284	ppbv	99
58) Ethyl Benzene	12.96	91	6276206	7.882	ppbv	99
59) m/p-Xylene	13.25	91	5790737	8.839	ppbv #	50
60) o-Xylene	13.95	91	4856090	7.512	ppbv	100
61) Styrene	13.78	104	3995992	8.249	ppbv	100
62) Isopropylbenzene	14.92	105	6794438	7.496	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.94	83	3633090	6.908	ppbv	100
64) n-propylbenzene	15.82	120	1771669	7.720	ppbv	98
65) tert-Butylbenzene	17.01	119	5563112	7.326	ppbv	100
66) Benzyl Chloride	17.26	91	3780169	9.837	ppbv	99
67) sec-Butylbenzene	17.56	105	8356237	7.532	ppbv	99
69) p-Isopropyltoluene	17.91	119	6661603	7.711	ppbv	99
70) n-Butylbenzene	18.81	91	7479955	7.838	ppbv	100
71) 2-Chlorotoluene	15.72	91	5506496	7.719	ppbv	99
72) 4-Ethyltoluene	16.10	105	5815837	8.018	ppbv	99
73) 1,3,5-Trimethylbenzene	16.25	105	5527193	8.194	ppbv	98
74) 1,2,4-Trimethylbenzene	17.03	105	5364669	7.778	ppbv	98
75) 1,3-Dichlorobenzene	17.26	146	2936688	7.138	ppbv	99
76) 1,4-Dichlorobenzene	17.41	146	3029075	7.517	ppbv	99
77) 1,2-Dichlorobenzene	18.09	146	2963625	7.248	ppbv	100
78) Hexachloro-1,3-Butadiene	23.63	225	842605	6.612	ppbv	99
79) Naphthalene	22.53	128	5160331	11.145	ppbv	99
80) Naphthalene,2-methyl-	25.19	142	2550264	17.241	ppbv	99
81) 1,2,4-Trichlorobenzene	22.25	180	1267082	5.469	ppbv #	25

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

Data File : VL032248.D

Acq On : 13 Jul 2018 16:01

Operator : SY/AP

Sample : VL0713ABS01

Misc : 400ml/MSVOA L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

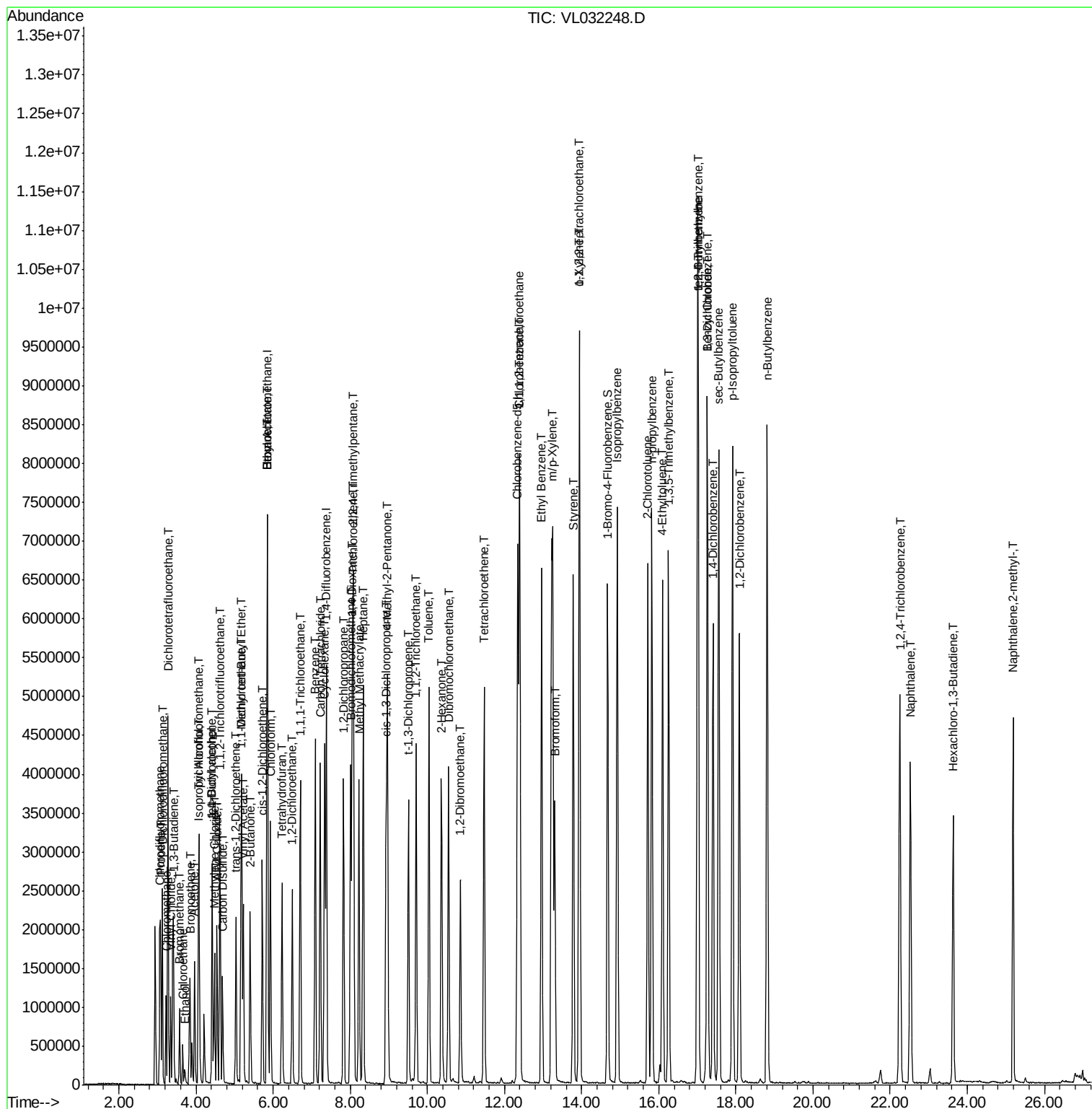
Quant Time: Jul 13 16:27:53 2018

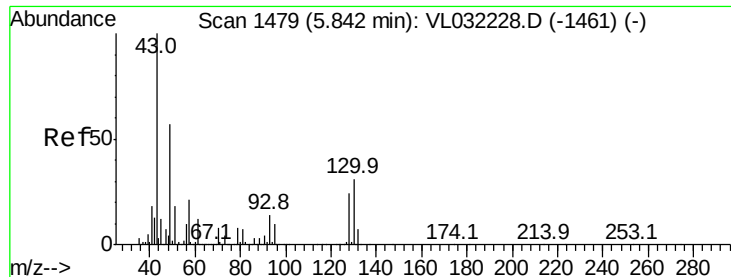
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_L\METHODS\VL071218AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Jul 13 04:25:14 2018

QLast Update : Fri Jul 13 04:25:14 2018

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.84 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

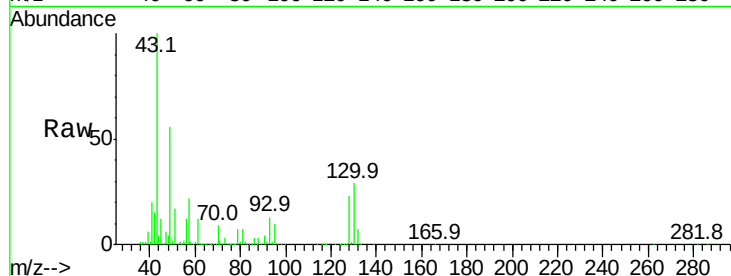
Tgt Ion: 49 Resp: 1663871

Ion Ratio Lower Upper

49 100

128 40.6 20.9 62.8

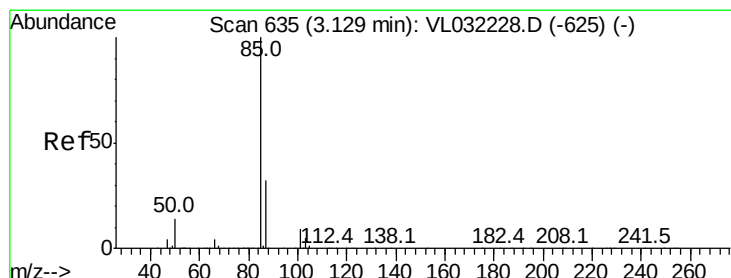
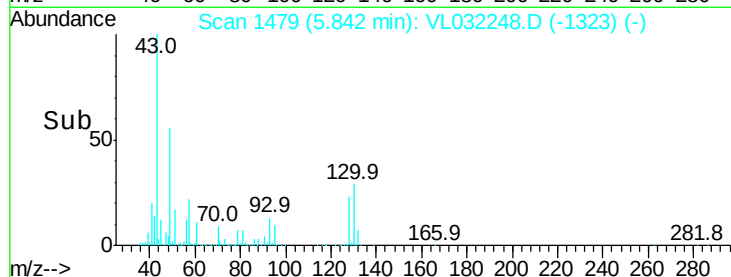
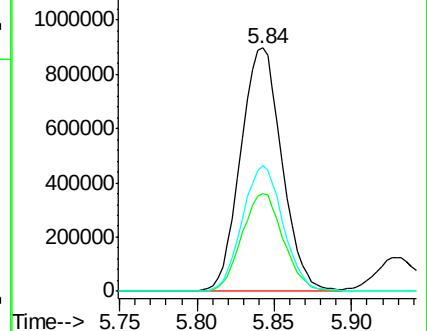
130 51.5 27.0 81.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 7.637 ppbv

RT: 3.13 min Scan# 635

Delta R.T. 0.00 min

Lab File: VL032248.D

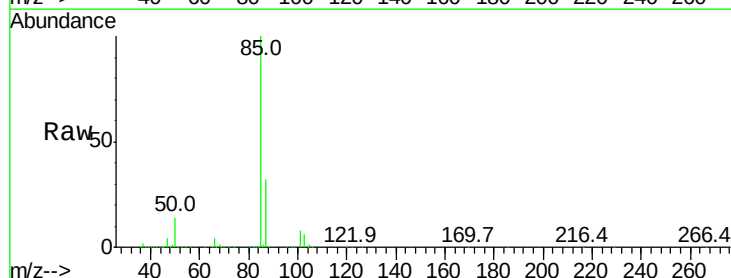
Acq: 13 Jul 2018 16:01

Tgt Ion: 85 Resp: 1829517

Ion Ratio Lower Upper

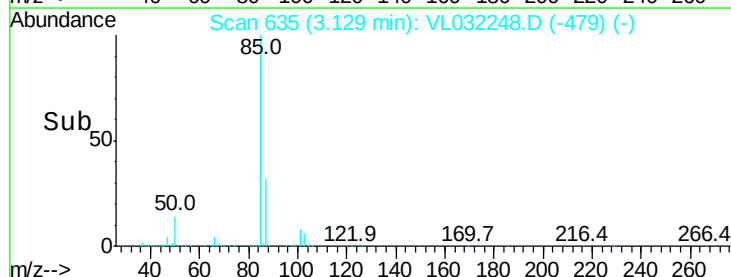
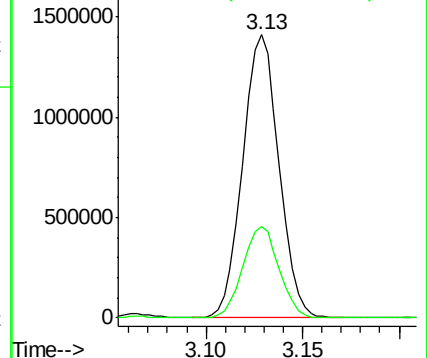
85 100

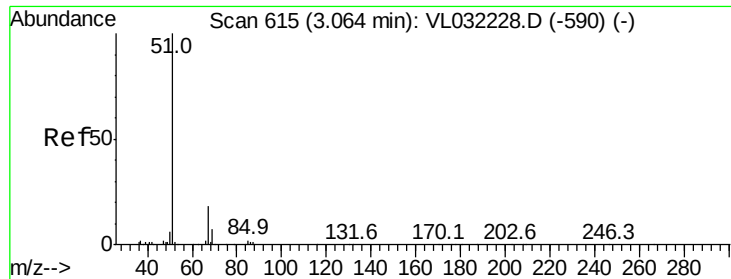
87 32.4 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.895 ppbv

RT: 3.06 min Scan# 615

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

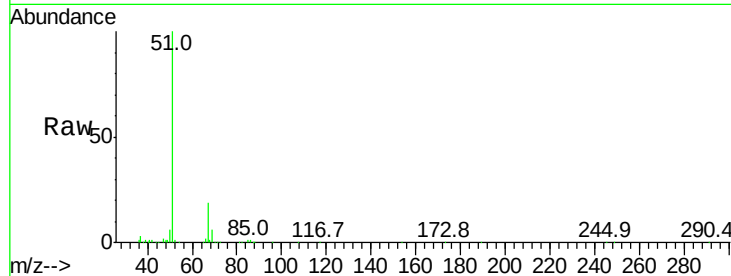
VL0713ABS01

Tgt Ion: 51 Resp: 1818733

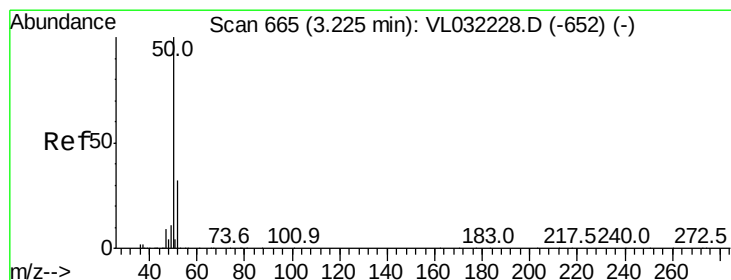
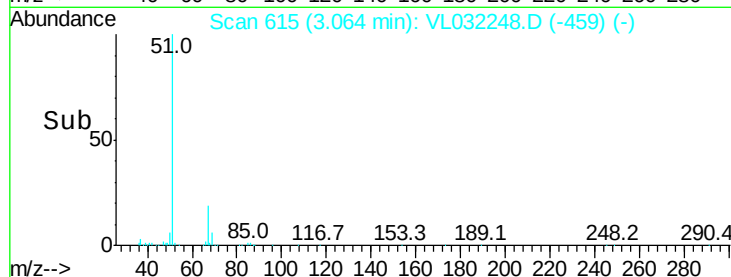
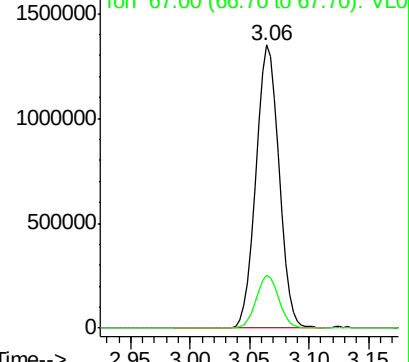
Ion Ratio Lower Upper

51 100

67 18.4 14.6 22.0



Abundance Ion 51.00 (50.70 to 51.70): VL0



#4

Chloromethane

Concen: 8.609 ppbv

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VL032248.D

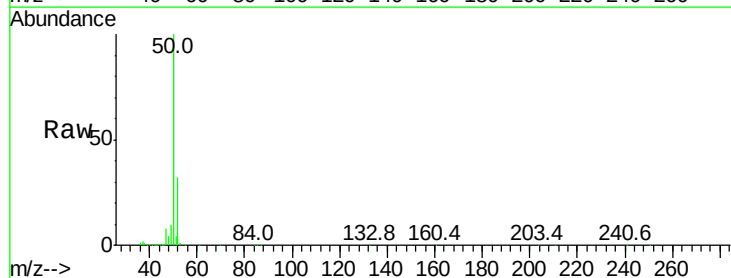
Acq: 13 Jul 2018 16:01

Tgt Ion: 50 Resp: 1001308

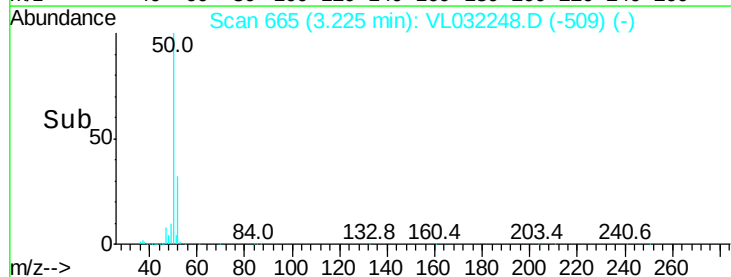
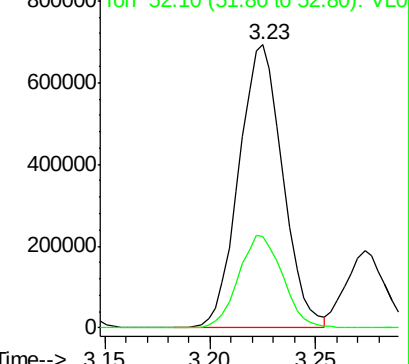
Ion Ratio Lower Upper

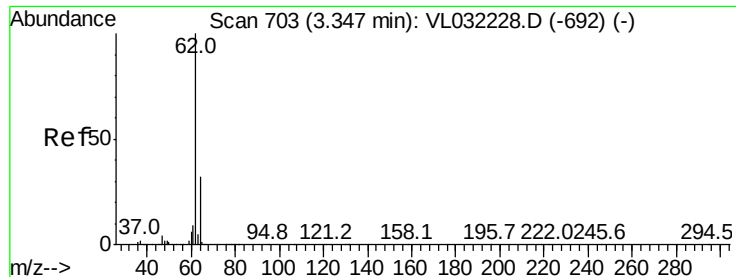
50 100

52 32.3 25.7 38.5



Abundance Ion 50.10 (49.80 to 50.80): VL0





#5

Vinyl Chloride

Concen: 8.193 ppbv

RT: 3.35 min Scan# 703

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

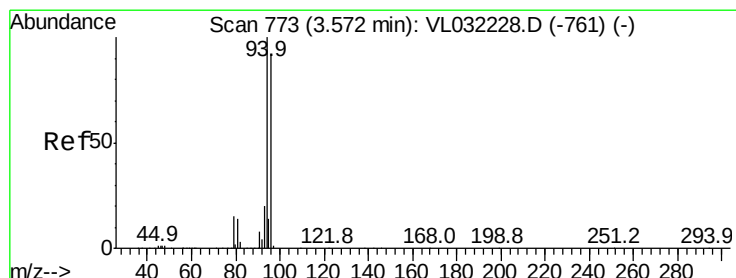
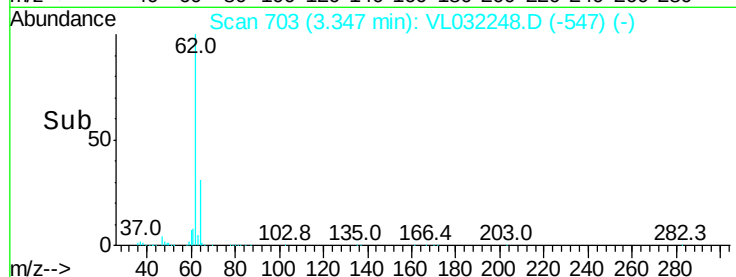
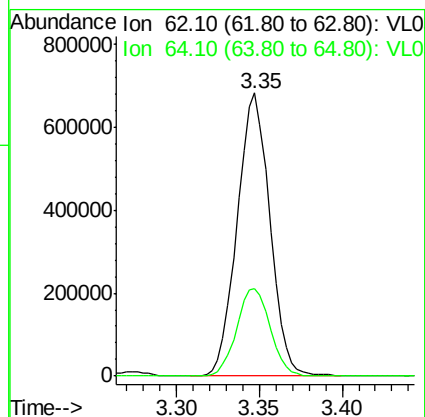
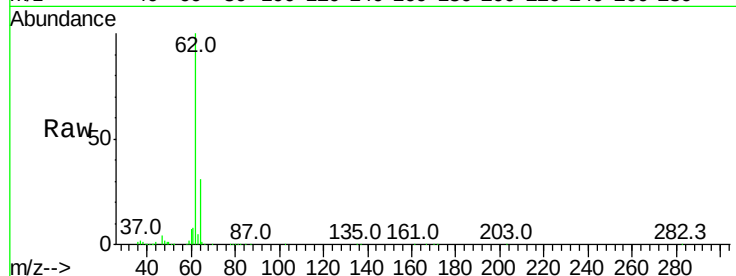
VL0713ABS01

Tgt Ion: 62 Resp: 938774

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.6



#6

Bromomethane

Concen: 7.970 ppbv

RT: 3.57 min Scan# 773

Delta R.T. 0.00 min

Lab File: VL032248.D

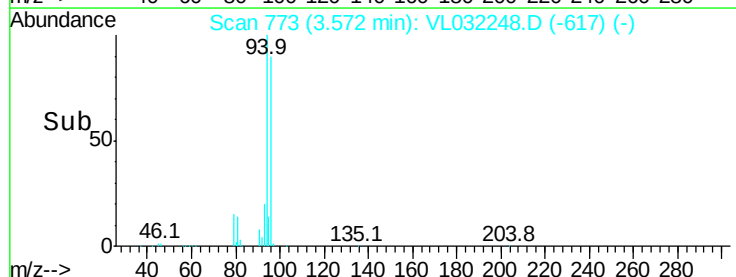
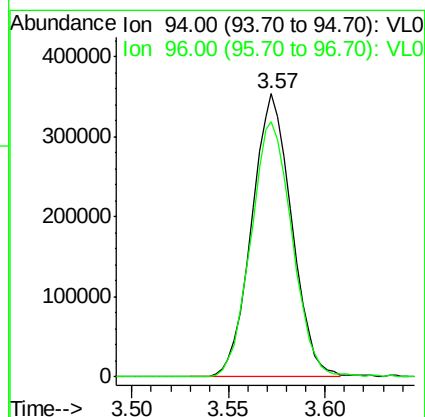
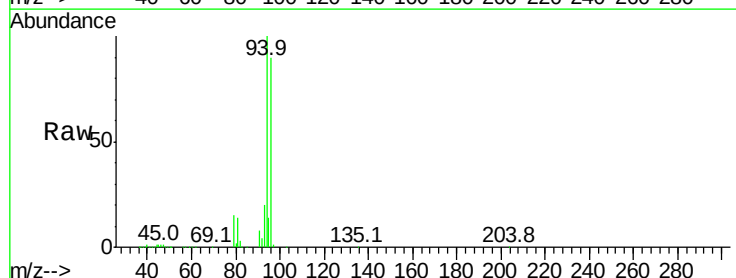
Acq: 13 Jul 2018 16:01

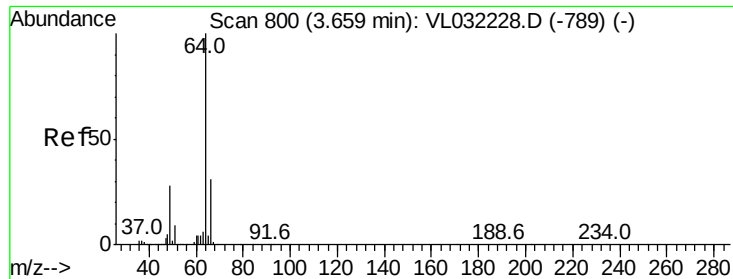
Tgt Ion: 94 Resp: 508475

Ion Ratio Lower Upper

94 100

96 90.2 73.5 110.3





#7

Chloroethane

Concen: 8.657 ppbv

RT: 3.66 min Scan# 800

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

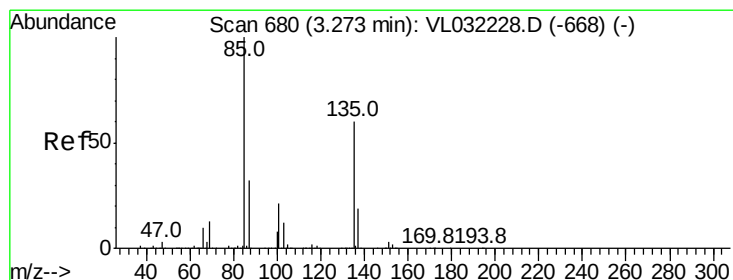
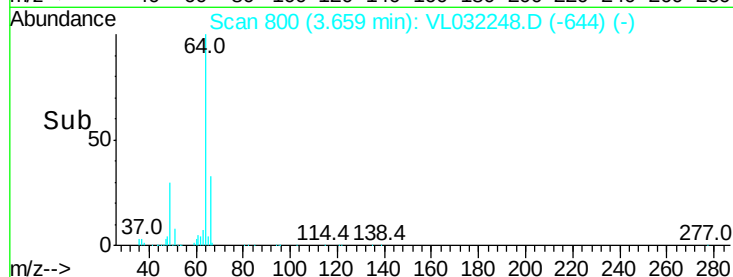
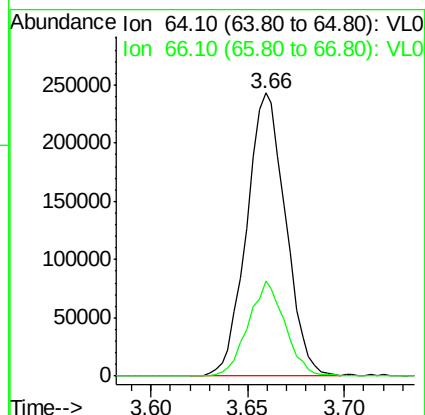
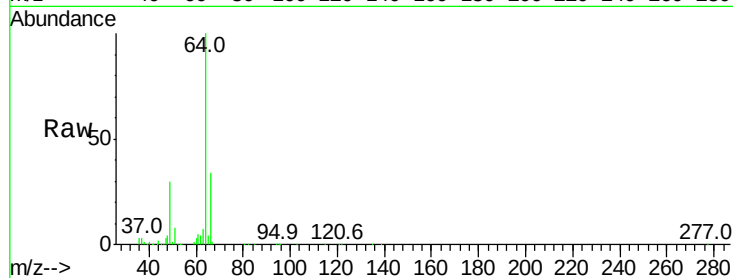
VL0713ABS01

Tgt Ion: 64 Resp: 341646

Ion Ratio Lower Upper

64 100

66 33.5 24.4 36.6



#8

Dichlorotetrafluoroethane

Concen: 7.526 ppbv

RT: 3.27 min Scan# 680

Delta R.T. 0.00 min

Lab File: VL032248.D

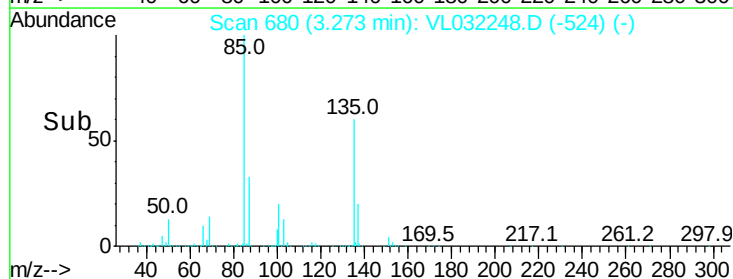
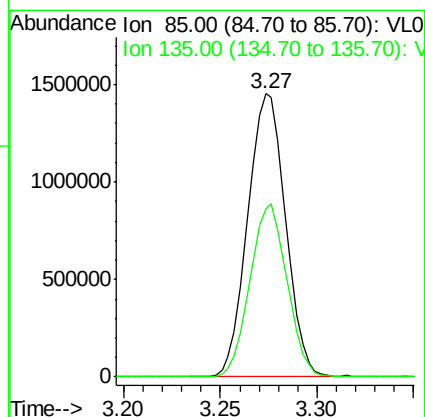
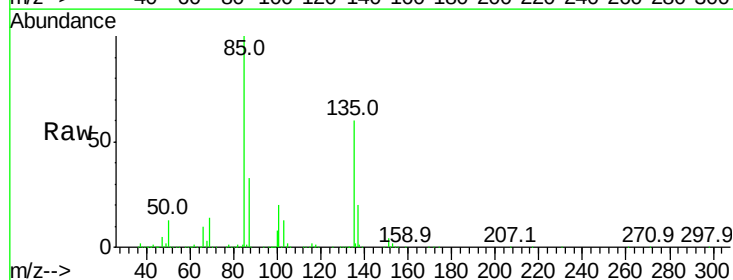
Acq: 13 Jul 2018 16:01

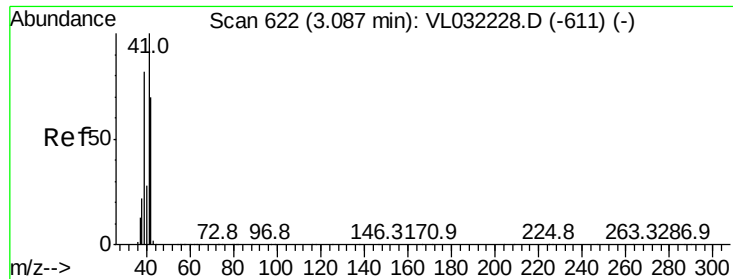
Tgt Ion: 85 Resp: 1980169

Ion Ratio Lower Upper

85 100

135 60.0 48.6 72.8





#9

Propene

Concen: 9.156 ppbv

RT: 3.09 min Scan# 622

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

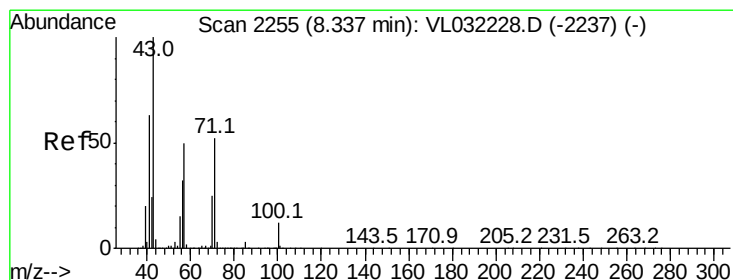
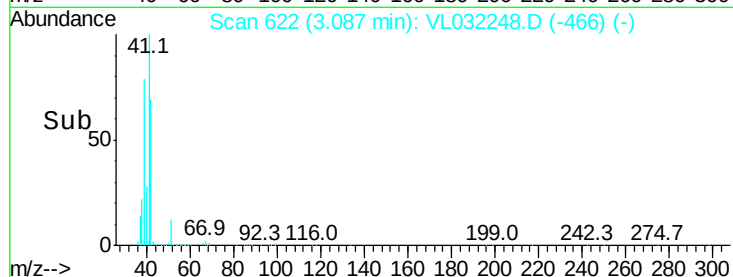
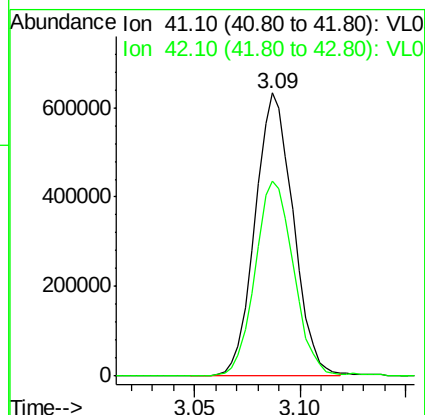
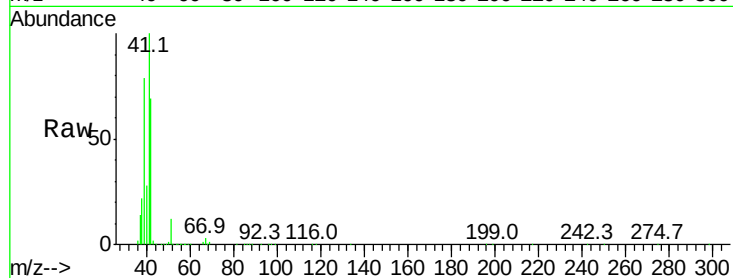
VL0713ABS01

Tgt Ion: 41 Resp: 798091

Ion Ratio Lower Upper

41 100

42 70.2 56.2 84.4



#10

Heptane

Concen: 10.059 ppbv

RT: 8.34 min Scan# 2255

Delta R.T. 0.00 min

Lab File: VL032248.D

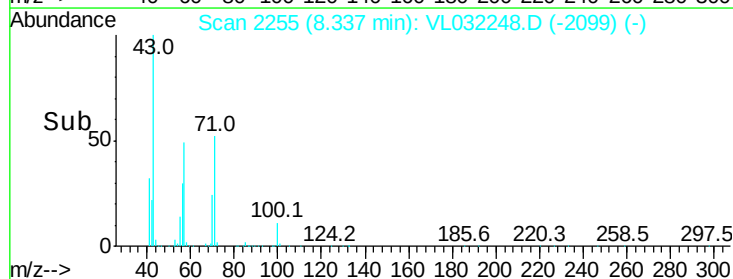
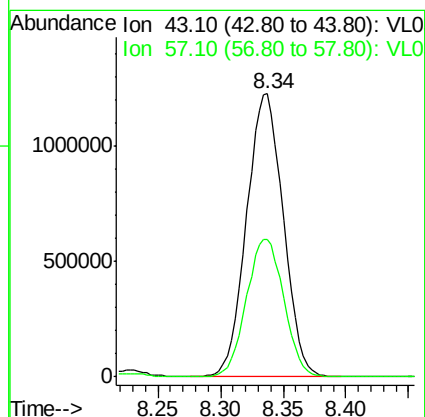
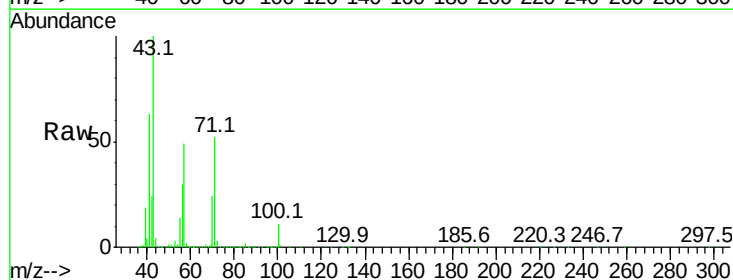
Acq: 13 Jul 2018 16:01

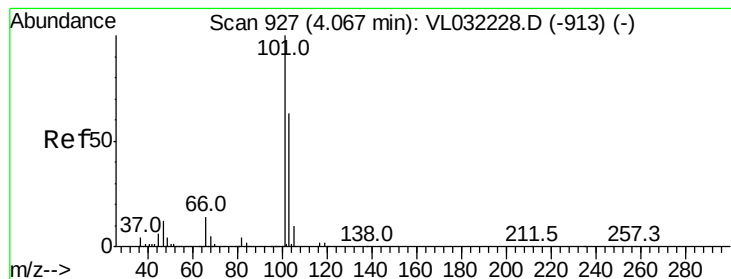
Tgt Ion: 43 Resp: 2489906

Ion Ratio Lower Upper

43 100

57 49.7 40.7 61.1





#11

Trichlorofluoromethane

Concen: 8.657 ppbv

RT: 4.07 min Scan# 927

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

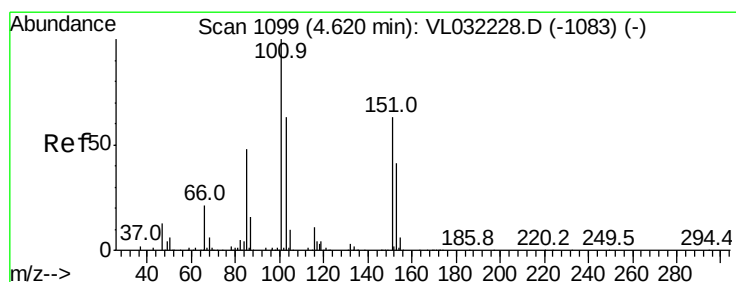
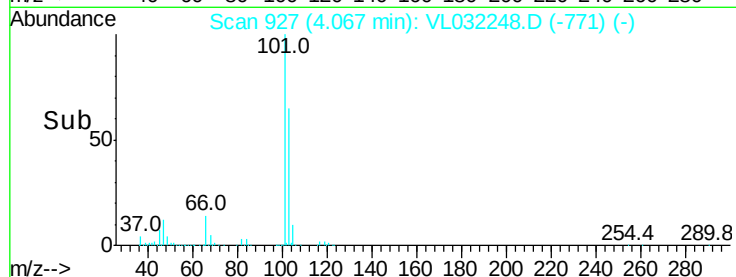
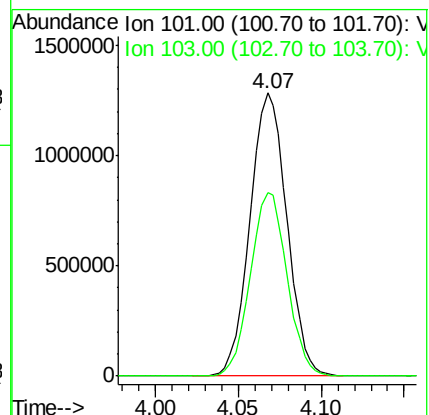
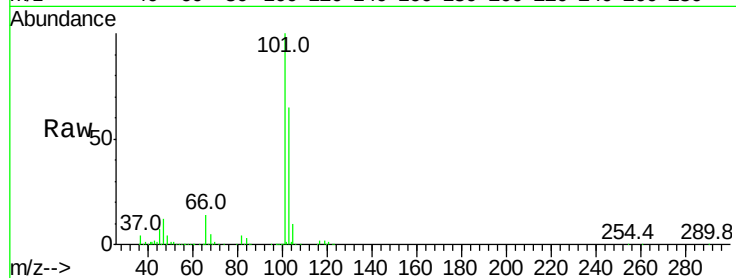
VL0713ABS01

Tgt Ion:101 Resp: 1983960

Ion Ratio Lower Upper

101 100

103 64.6 50.2 75.2



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.977 ppbv

RT: 4.62 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VL032248.D

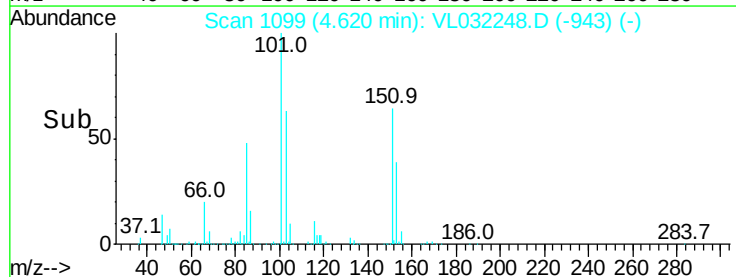
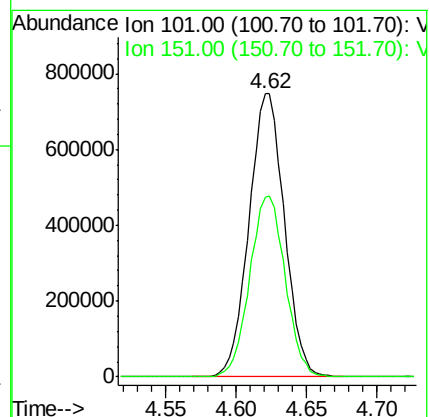
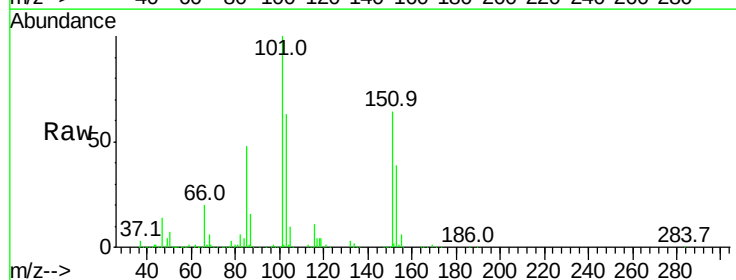
Acq: 13 Jul 2018 16:01

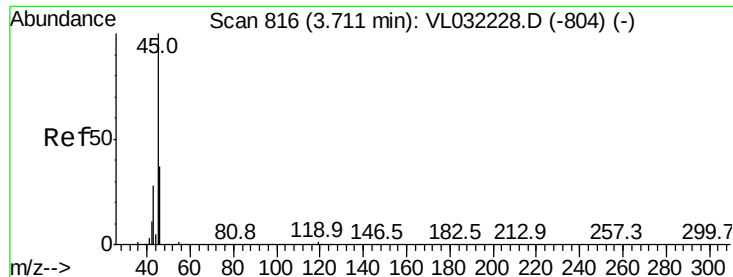
Tgt Ion:101 Resp: 1314007

Ion Ratio Lower Upper

101 100

151 64.2 52.2 78.2

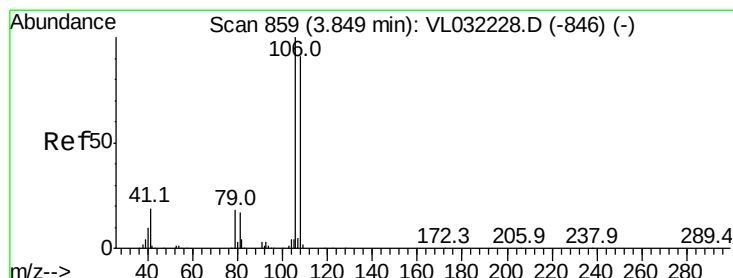
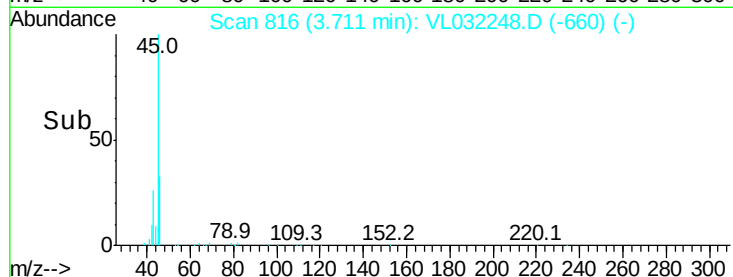
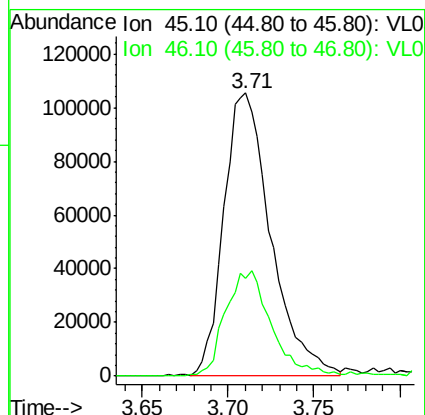
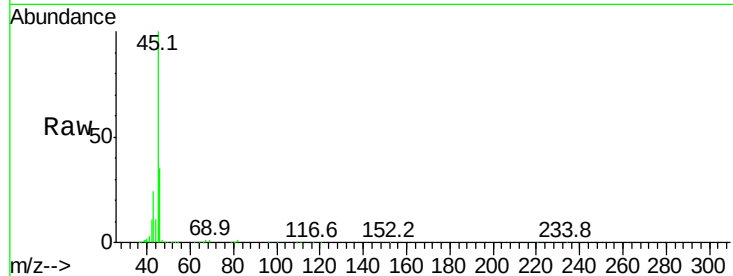




#13
Ethanol
Concen: 7.948 ppbv
RT: 3.71 min Scan# 816
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

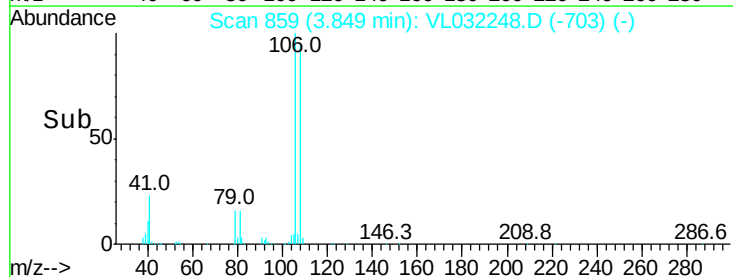
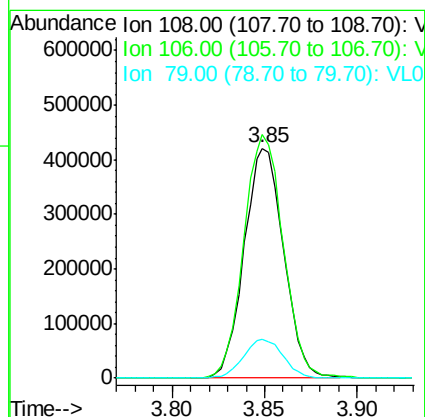
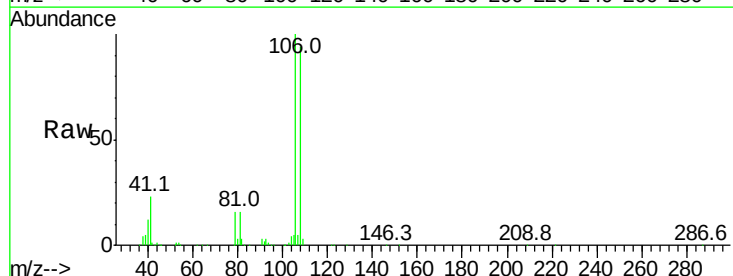
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

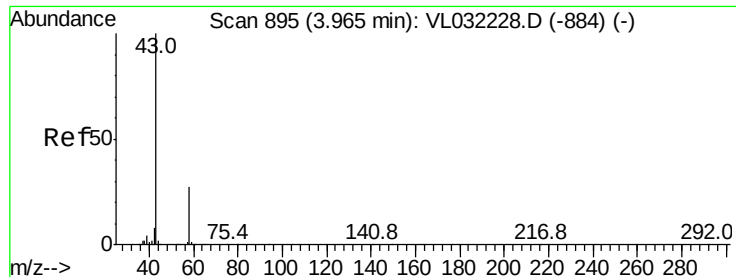
Tgt Ion: 45 Resp: 199958
Ion Ratio Lower Upper
45 100
46 36.5 15.5 61.9



#14
Bromoethene
Concen: 9.005 ppbv
RT: 3.85 min Scan# 859
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

Tgt Ion: 108 Resp: 621805
Ion Ratio Lower Upper
108 100
106 106.6 85.5 128.3
79 17.4 14.2 21.4





#15

Acetone

Concen: 8.110 ppbv

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

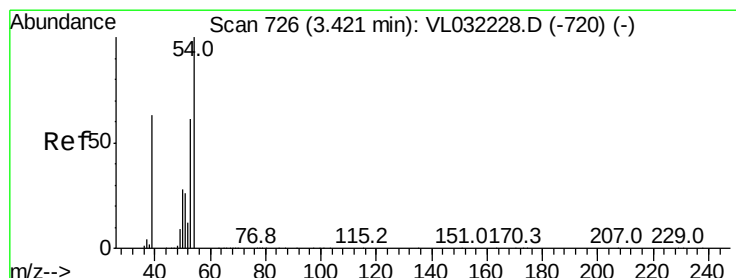
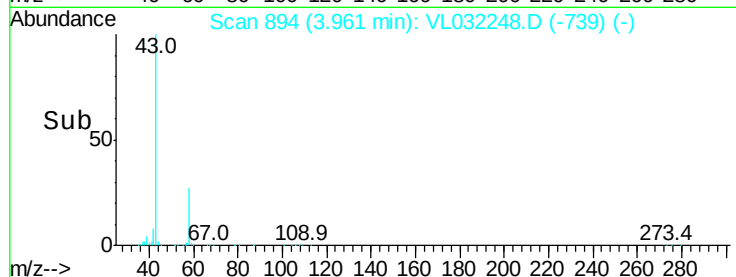
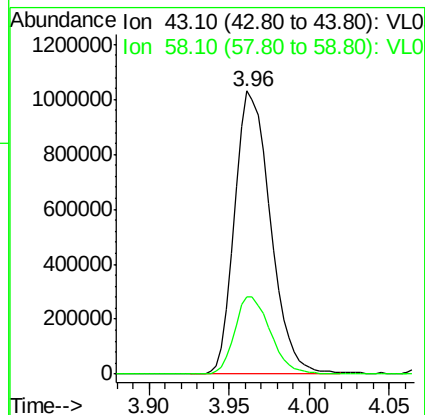
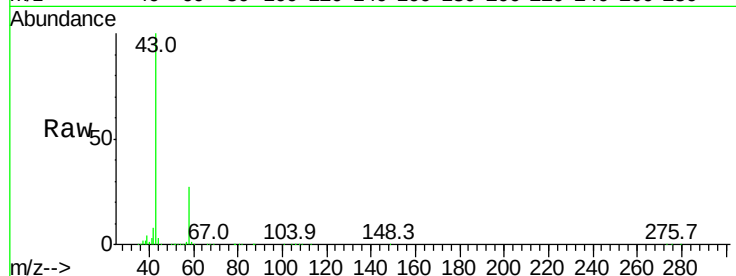
VL0713ABS01

Tgt Ion: 43 Resp: 1565849

Ion Ratio Lower Upper

43 100

58 27.5 21.5 32.3



#16

1,3-Butadiene

Concen: 8.688 ppbv

RT: 3.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: VL032248.D

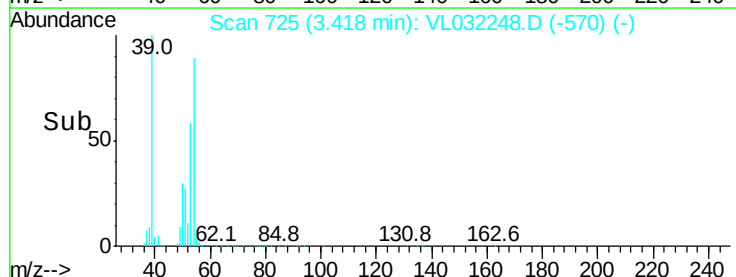
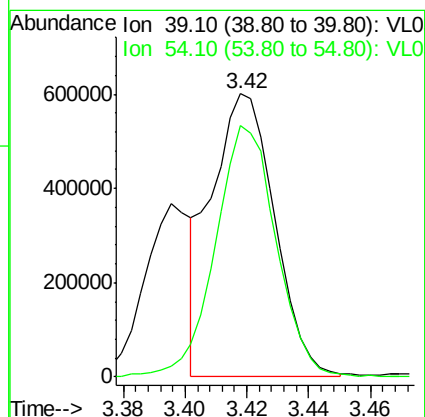
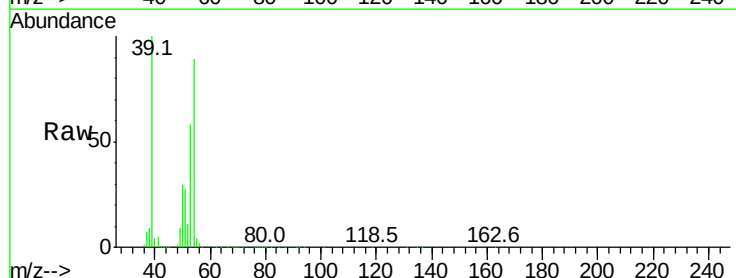
Acq: 13 Jul 2018 16:01

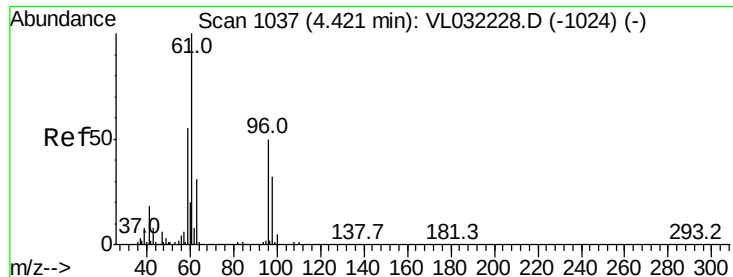
Tgt Ion: 39 Resp: 847608

Ion Ratio Lower Upper

39 100

54 86.5 70.0 105.0





#17

tert-Butyl alcohol

Concen: 8.060 ppbv

RT: 4.42 min Scan# 1038

Delta R.T. 0.00 min

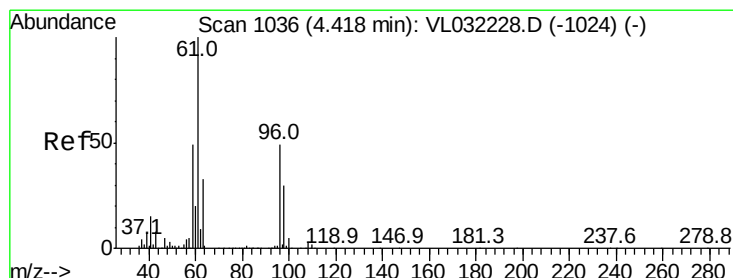
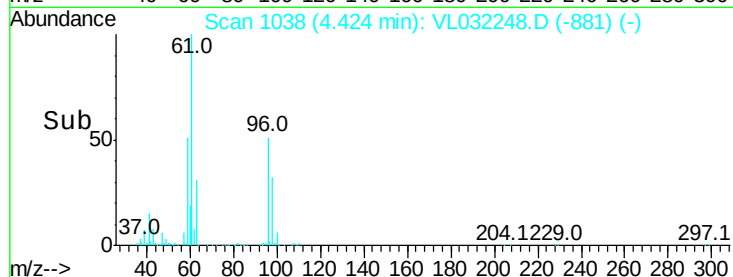
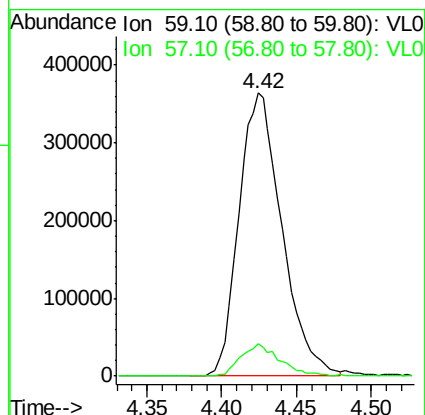
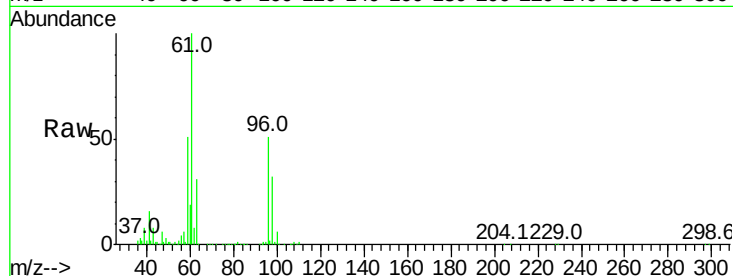
Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Tgt Ion: 59 Resp: 726579

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6



#18

1,1-Dichloroethene

Concen: 9.041 ppbv

RT: 4.42 min Scan# 1037

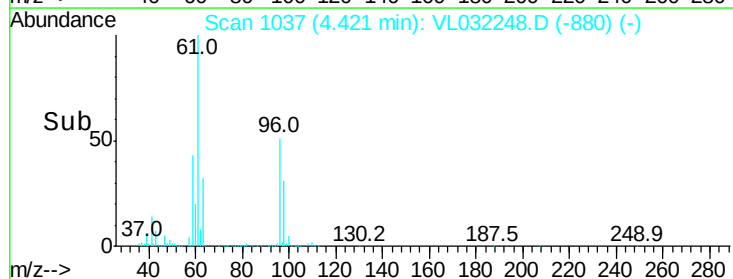
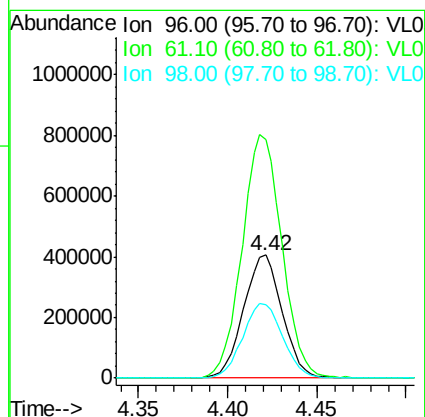
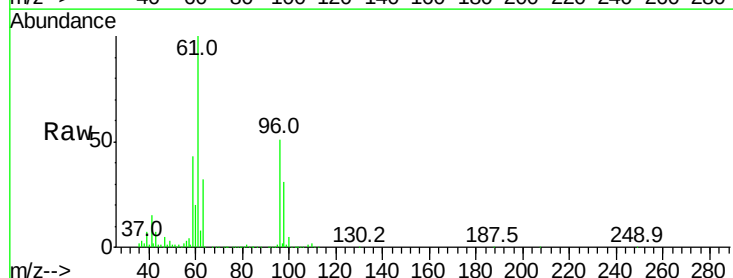
Delta R.T. 0.00 min

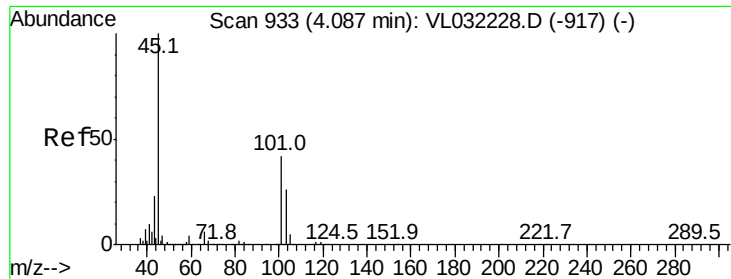
Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Tgt Ion: 96 Resp: 615887

Ion	Ratio	Lower	Upper
96	100		
61	194.3	163.0	244.4
98	59.6	48.5	72.7



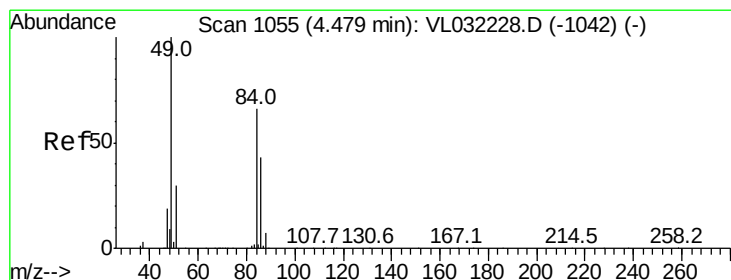
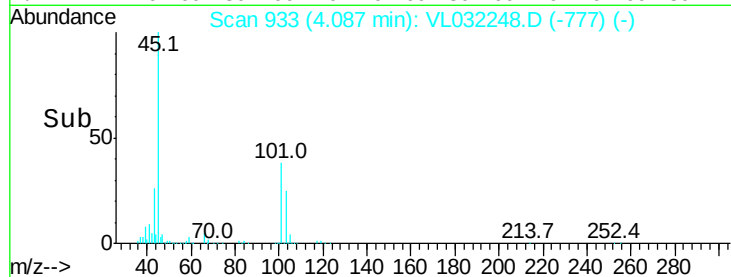
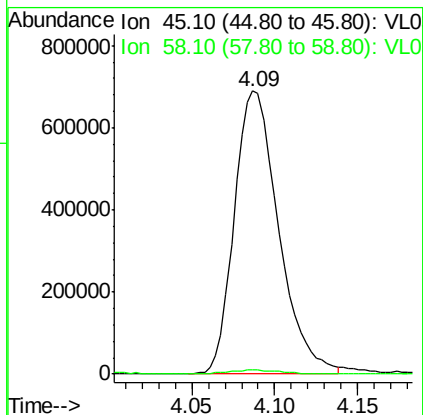
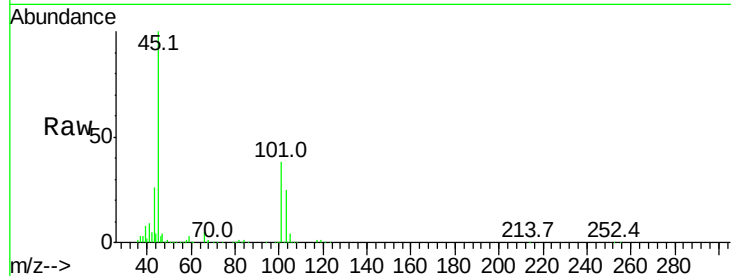


#19

Isopropyl Alcohol
 Concen: 10.089 ppbv
 RT: 4.09 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: VL032248.D
 Acq: 13 Jul 2018 16:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01

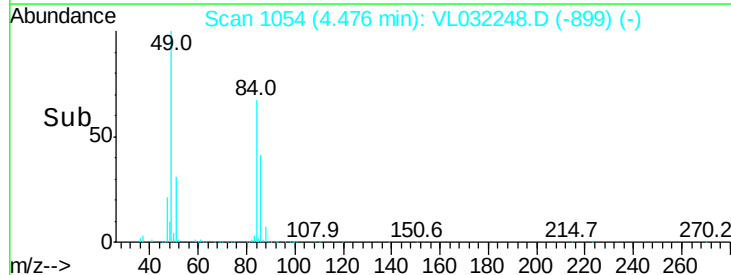
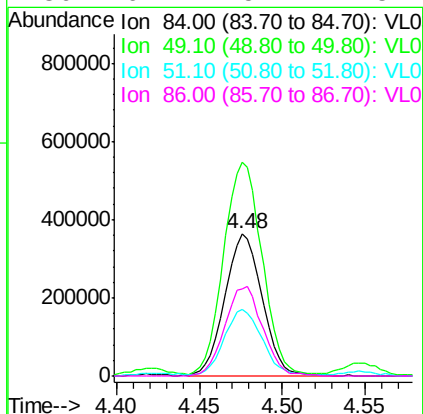
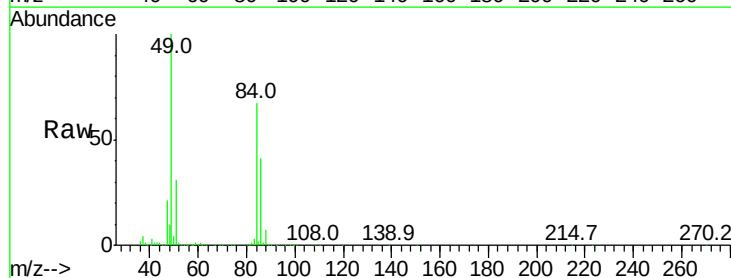
Tgt Ion: 45 Resp: 1279112
 Ion Ratio Lower Upper
 45 100
 58 2.0 1.3 1.9#

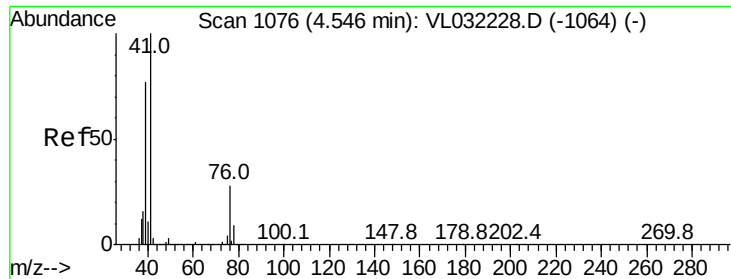


#20

Methylene Chloride
 Concen: 8.613 ppbv
 RT: 4.48 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VL032248.D
 Acq: 13 Jul 2018 16:01

Tgt Ion: 84 Resp: 563540
 Ion Ratio Lower Upper
 84 100
 49 149.0 121.8 182.6
 51 46.1 36.3 54.5
 86 61.4 52.1 78.1

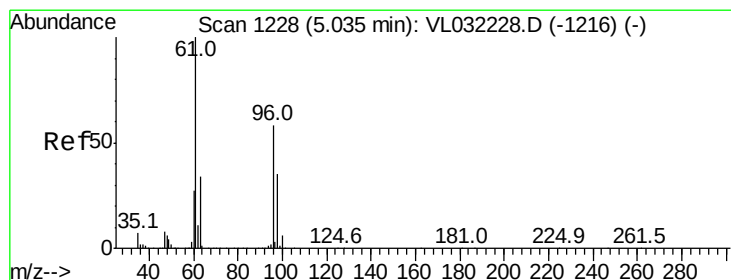
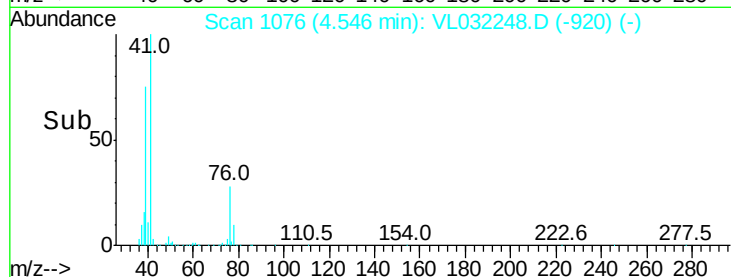
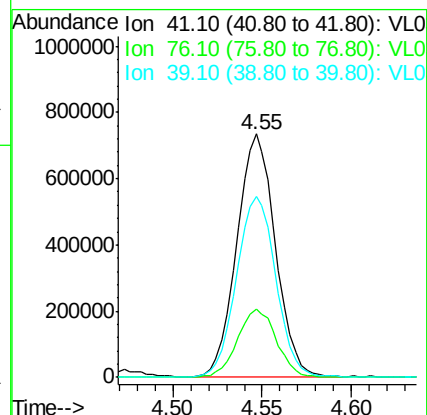
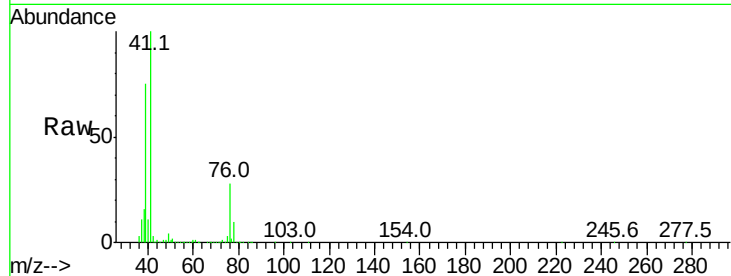




#21
 Allyl Chloride
 Concen: 9.763 ppbv
 RT: 4.55 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VL032248.D
 Acq: 13 Jul 2018 16:01

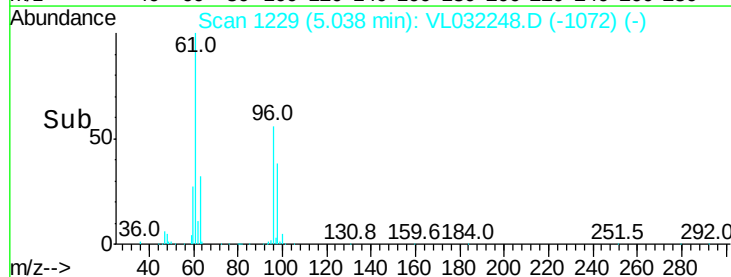
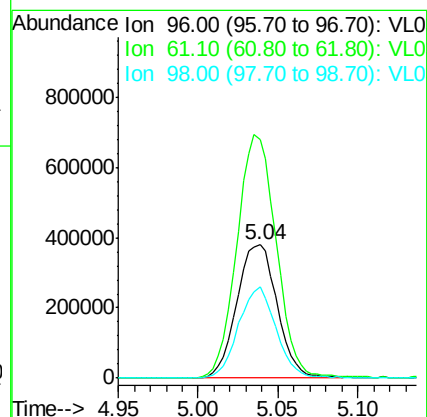
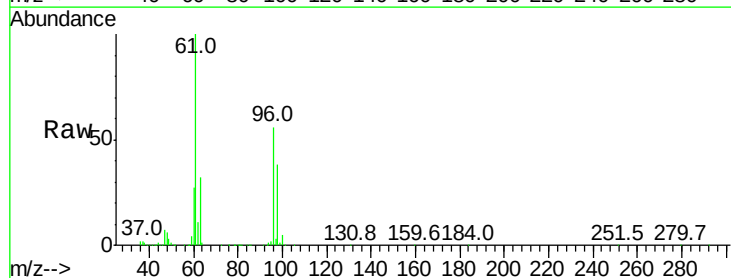
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01

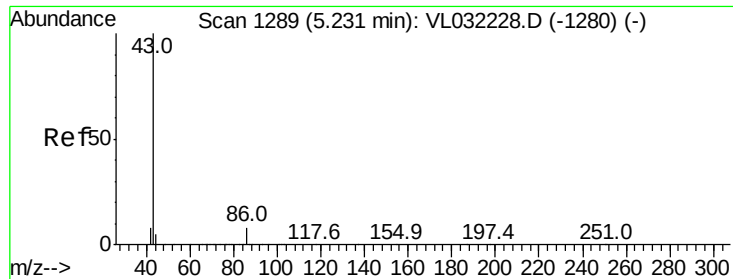
Tgt Ion: 41 Resp: 1103577
 Ion Ratio Lower Upper
 41 100
 76 28.6 22.9 34.3
 39 76.0 62.3 93.5



#22
 trans-1,2-Dichloroethene
 Concen: 10.038 ppbv
 RT: 5.04 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VL032248.D
 Acq: 13 Jul 2018 16:01

Tgt Ion: 96 Resp: 650815
 Ion Ratio Lower Upper
 96 100
 61 179.1 139.1 208.7
 98 68.0 48.4 72.6





#23

Vinyl Acetate

Concen: 9.562 ppbv

RT: 5.23 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

Tgt Ion: 43 Resp: 3070492

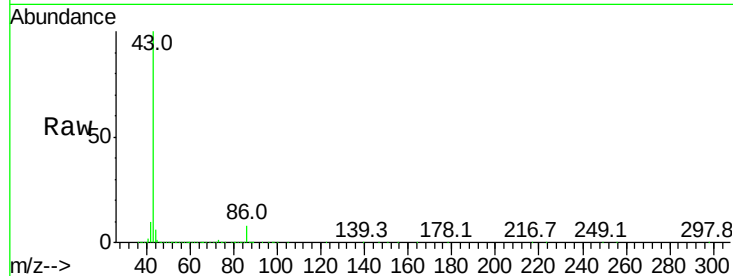
Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.9	8.9
42	9.6	7.0	10.6
44	5.6	4.2	6.2

43 100

86 7.5 5.9 8.9

42 9.6 7.0 10.6

44 5.6 4.2 6.2

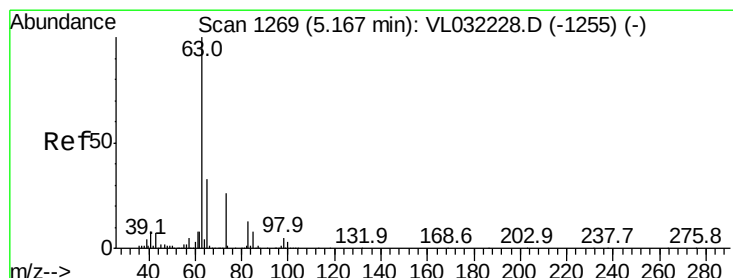
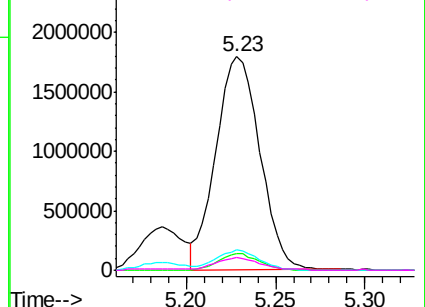
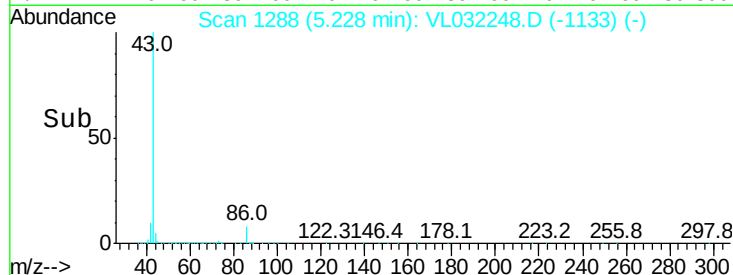


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.211 ppbv

RT: 5.16 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

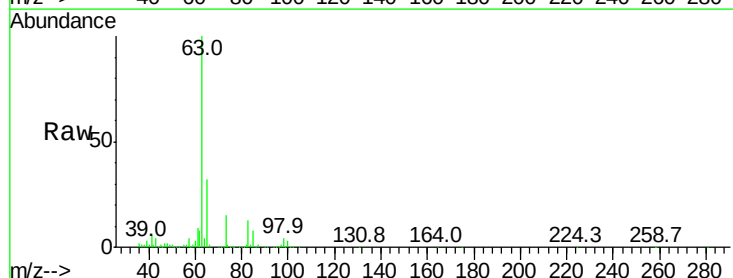
Tgt Ion: 63 Resp: 2076698

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.4	7.1
100	2.7	1.5	4.4

63 100

98 4.3 2.4 7.1

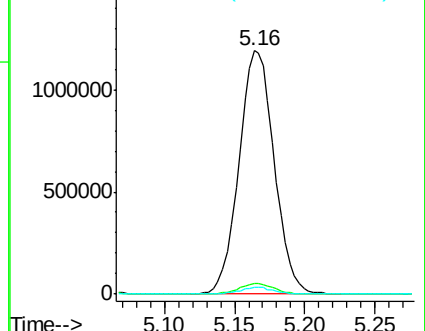
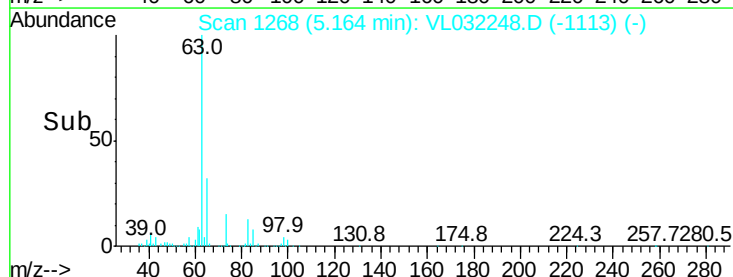
100 2.7 1.5 4.4

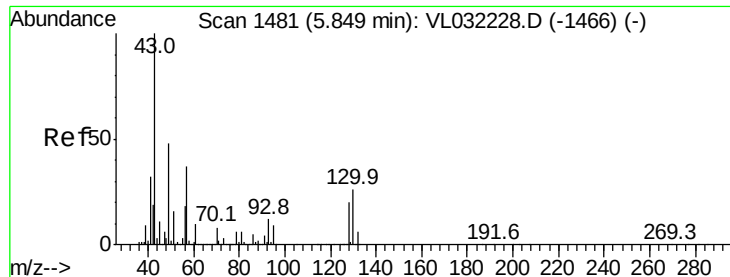


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



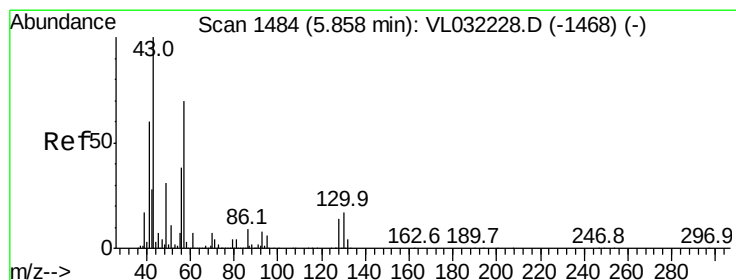
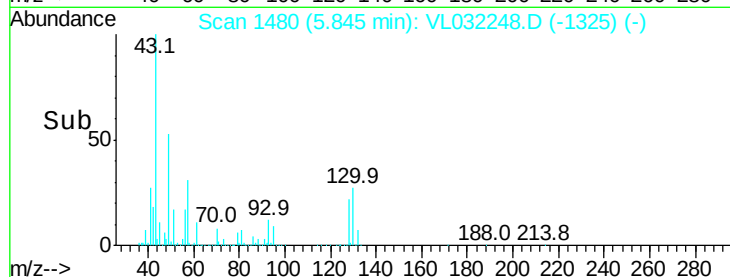
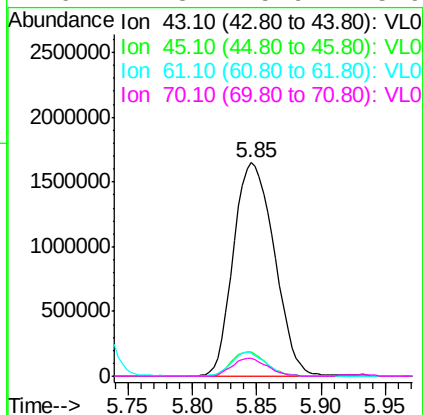
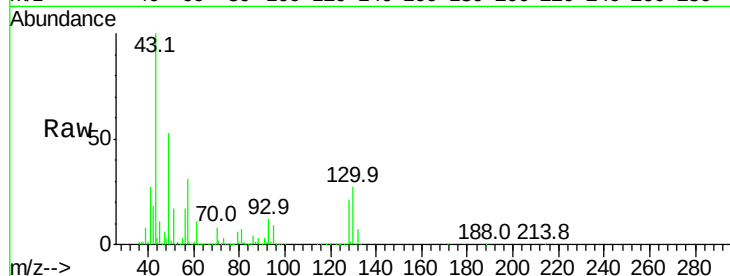


#25
Ethyl Acetate
Concen: 9.522 ppbv
RT: 5.85 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Tgt Ion: 43 Resp: 3638168

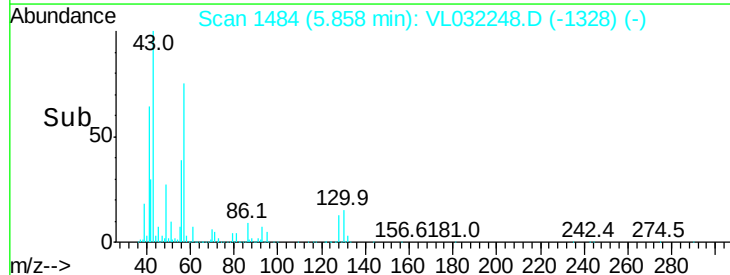
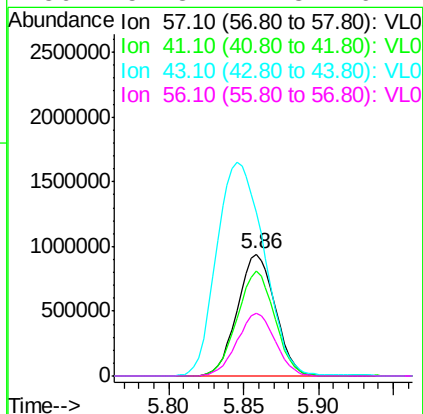
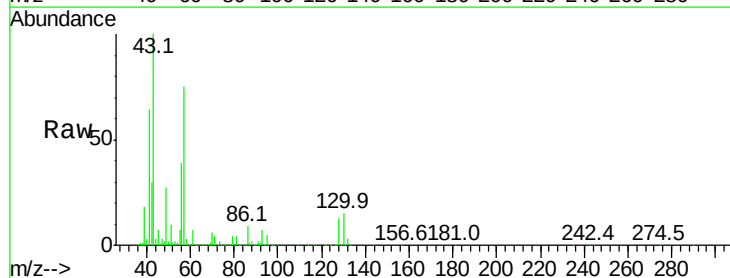
Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.0	12.0
61	9.5	7.7	11.5
70	7.3	5.9	8.9

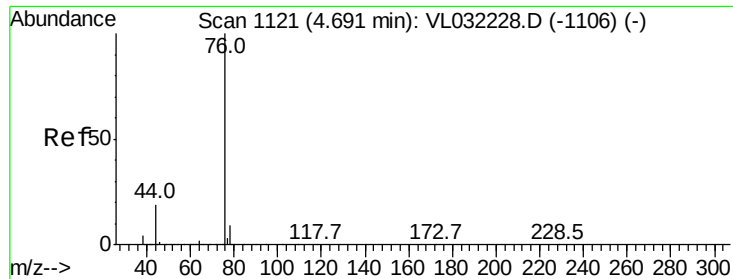


#26
Hexane
Concen: 9.501 ppbv
RT: 5.86 min Scan# 1484
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

Tgt Ion: 57 Resp: 1655976

Ion	Ratio	Lower	Upper
57	100		
41	86.0	68.7	103.1
43	220.4	176.2	264.2
56	52.3	42.8	64.2





#27

Carbon Disulfide

Concen: 10.258 ppbv

RT: 4.69 min Scan# 1121

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

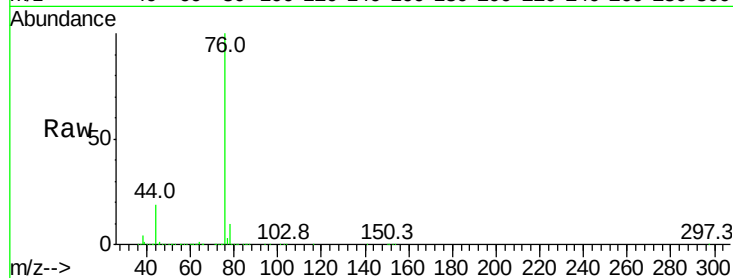
Tgt Ion: 76 Resp: 1599694

Ion Ratio Lower Upper

76 100

44 18.8 15.1 22.7

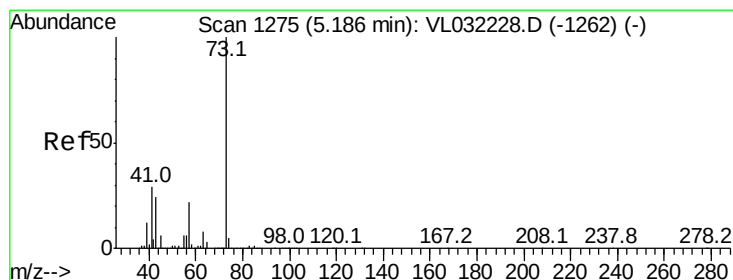
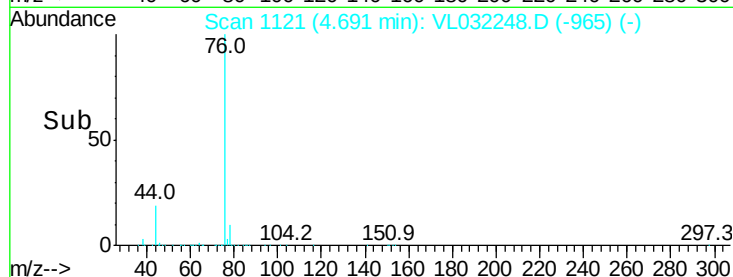
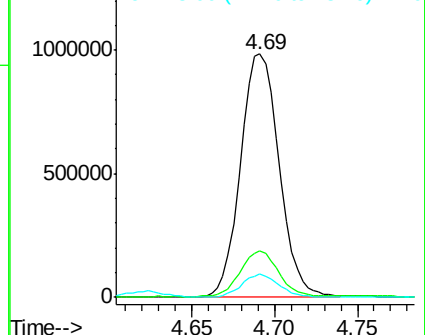
78 9.3 7.4 11.0



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: 9.516 ppbv

RT: 5.19 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VL032248.D

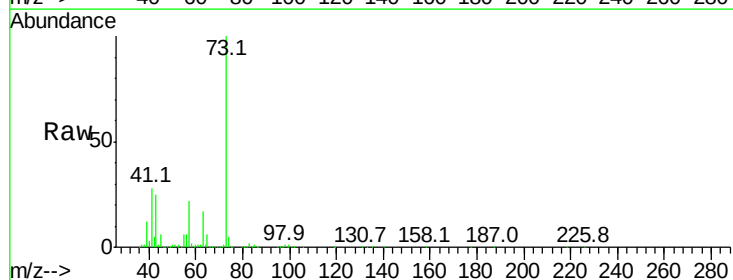
Acq: 13 Jul 2018 16:01

Tgt Ion: 73 Resp: 2610560

Ion Ratio Lower Upper

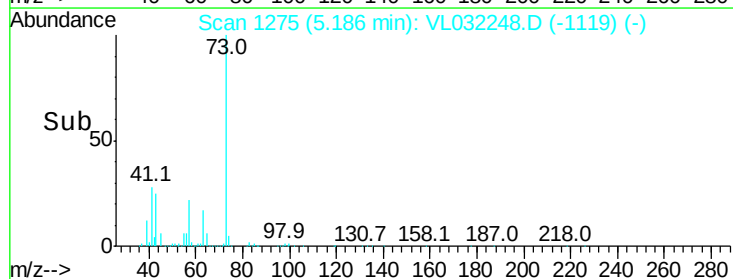
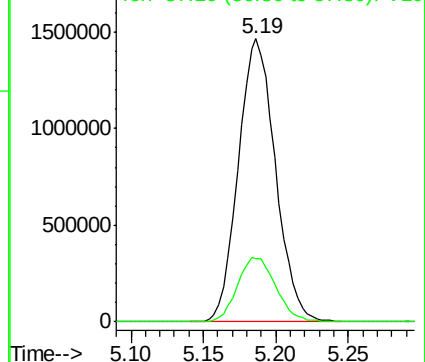
73 100

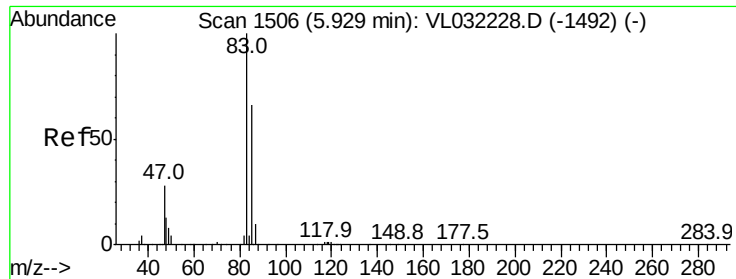
57 23.7 18.6 27.8



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

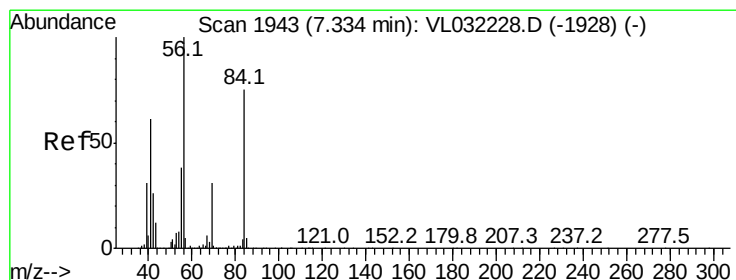
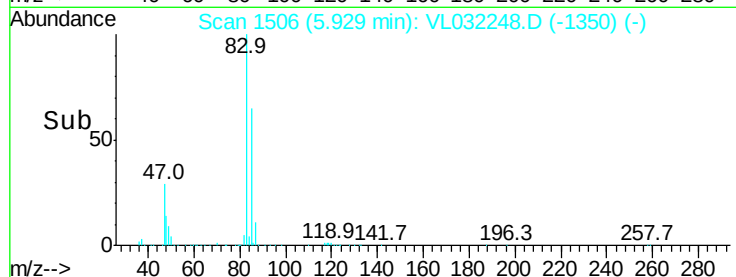
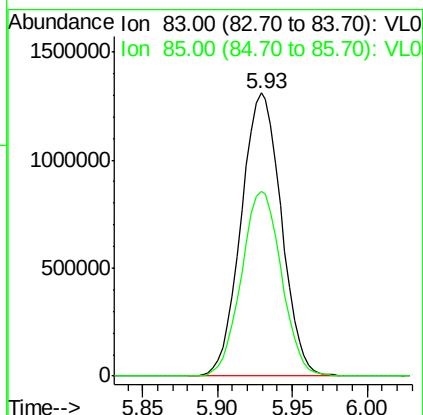
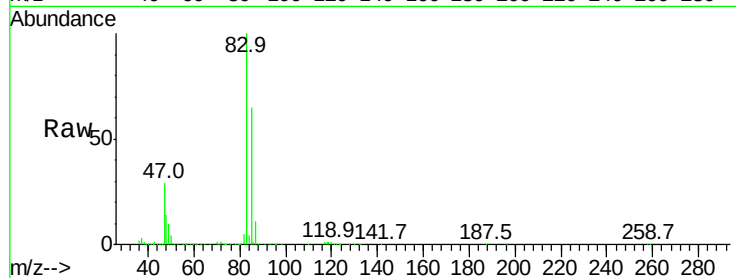




#29
Chloroform
Concen: 9.096 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

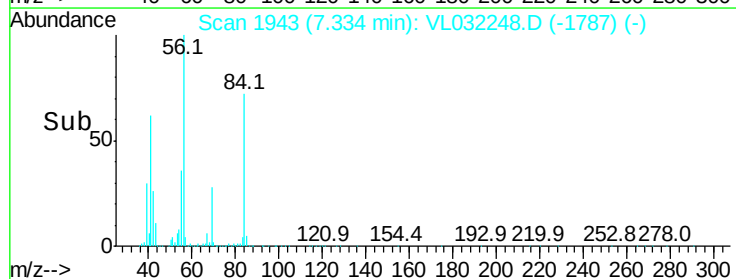
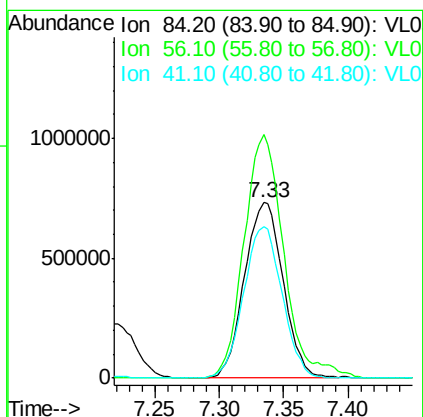
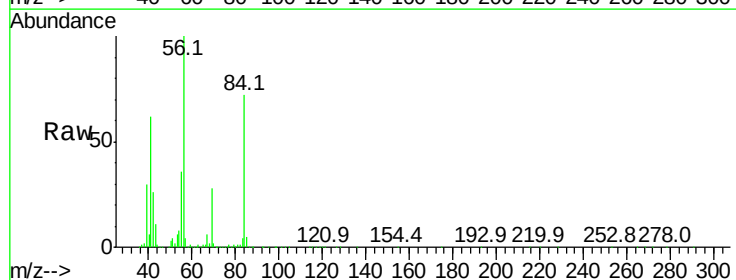
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

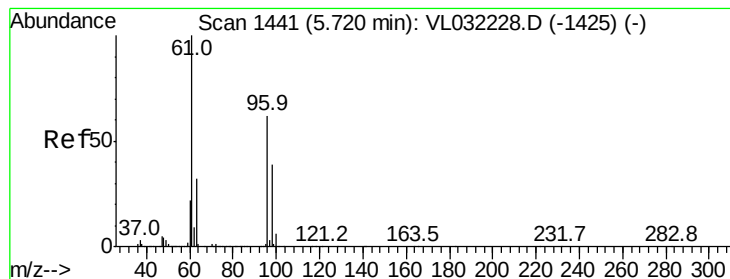
Tgt Ion: 83 Resp: 2447481
Ion Ratio Lower Upper
83 100
85 65.2 52.7 79.1



#30
Cyclohexane
Concen: 9.960 ppbv
RT: 7.33 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

Tgt Ion: 84 Resp: 1531888
Ion Ratio Lower Upper
84 100
56 143.1 112.6 168.8
41 85.9 67.0 100.6





#31

cis-1,2-Dichloroethene

Concen: 9.801 ppbv

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

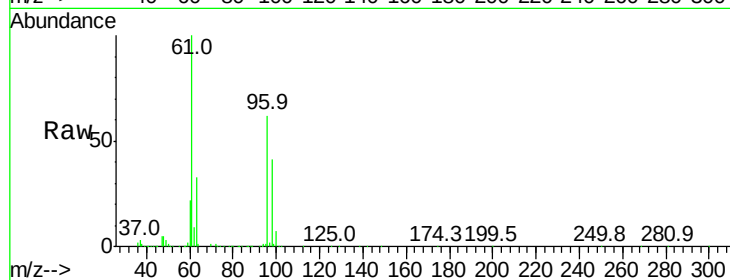
Tgt Ion: 61 Resp: 1704696

Ion Ratio Lower Upper

61 100

96 61.6 49.8 74.8

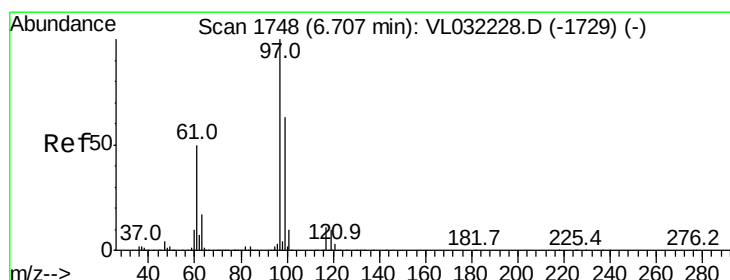
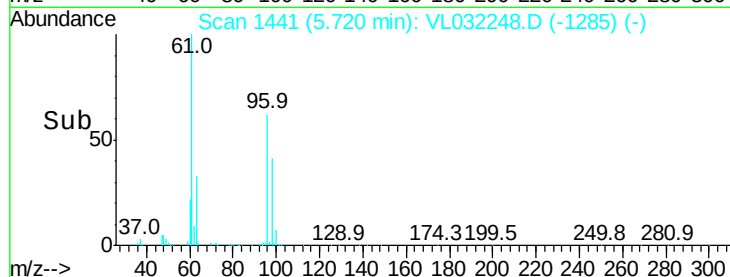
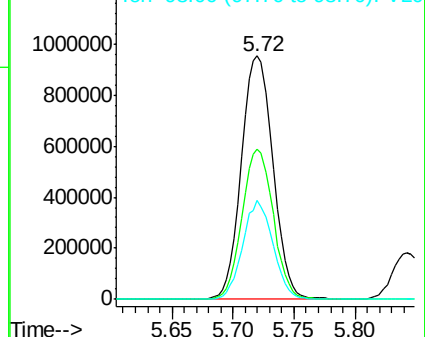
98 40.8 31.4 47.2



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: 9.765 ppbv

RT: 6.70 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

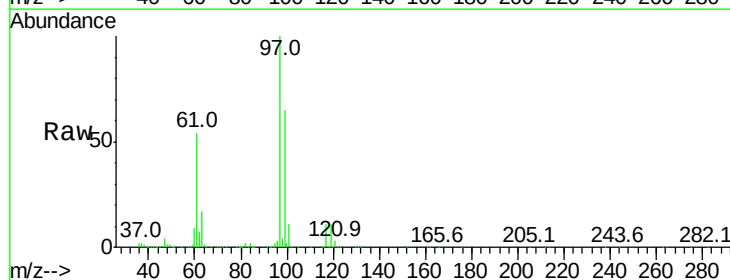
Tgt Ion: 97 Resp: 2549530

Ion Ratio Lower Upper

97 100

99 64.2 51.2 76.8

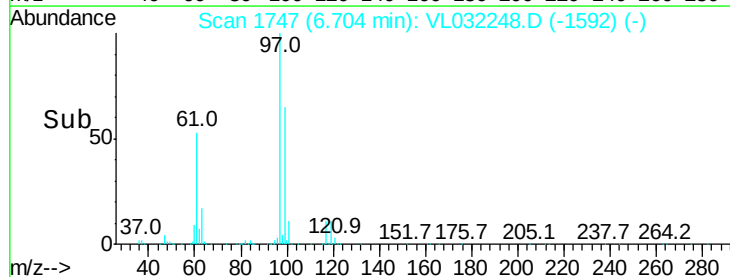
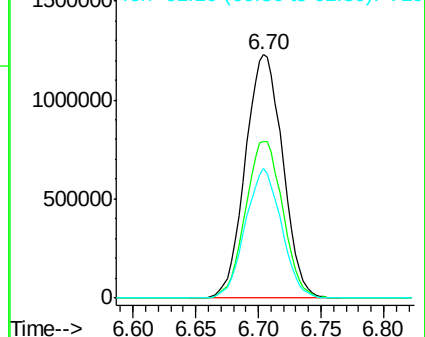
61 51.4 41.3 61.9

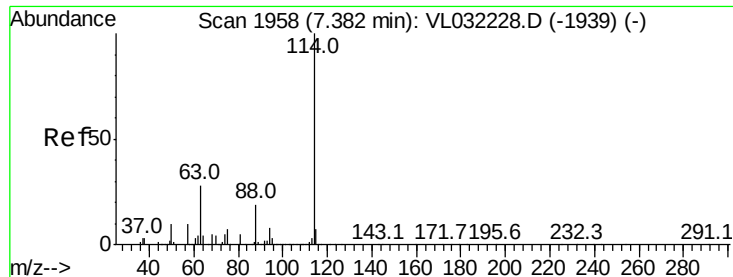


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.38 min Scan# 1957

Delta R.T. -0.00 min

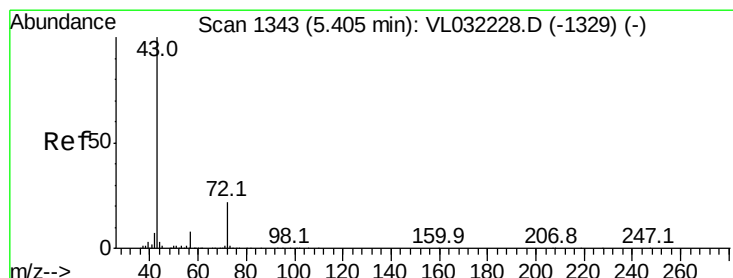
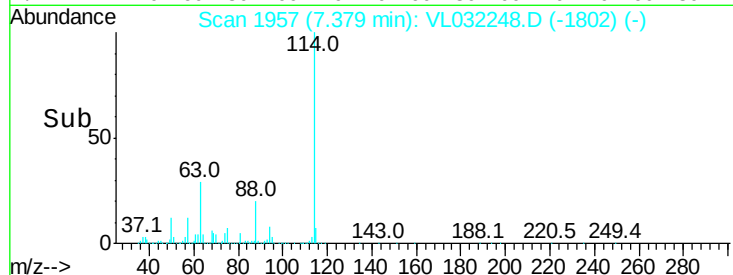
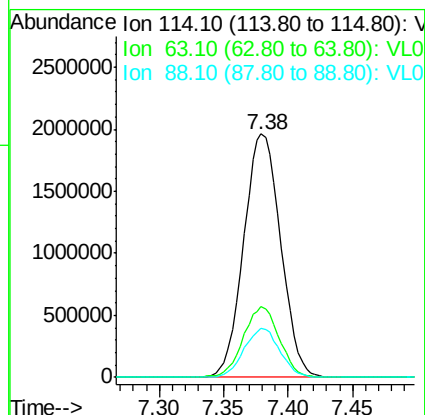
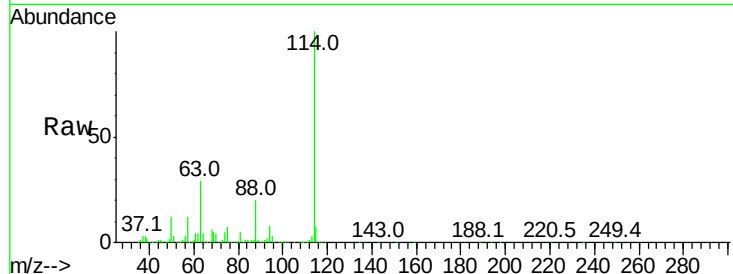
Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Tgt Ion:114 Resp: 3919483

Ion	Ratio	Lower	Upper
114	100		
63	28.4	22.5	33.7
88	19.3	15.4	23.0



#34

2-Butanone

Concen: 9.677 ppbv

RT: 5.40 min Scan# 1342

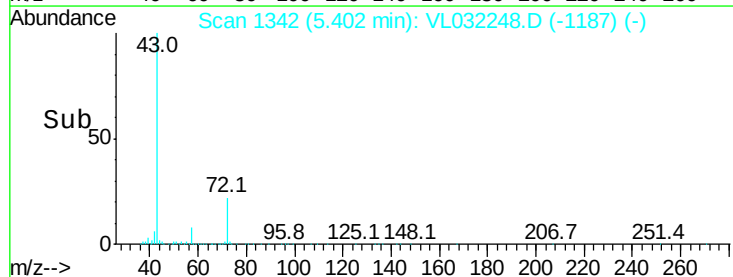
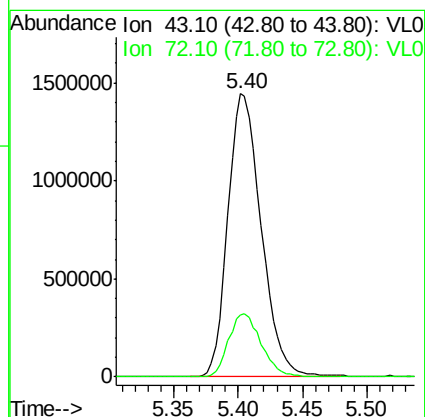
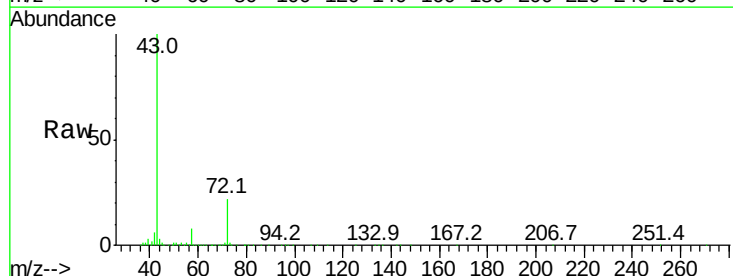
Delta R.T. -0.00 min

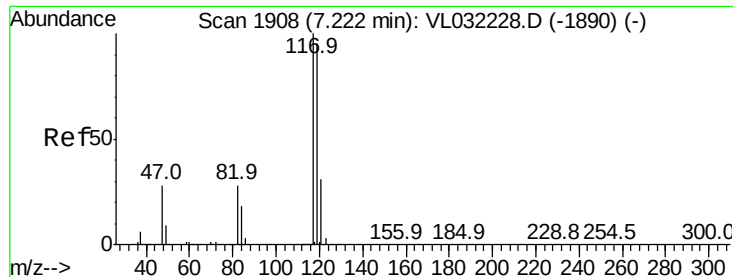
Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Tgt Ion: 43 Resp: 2584269

Ion	Ratio	Lower	Upper
43	100		
72	22.1	18.1	27.1





#35

Carbon Tetrachloride

Concen: 9.837 ppbv

RT: 7.22 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

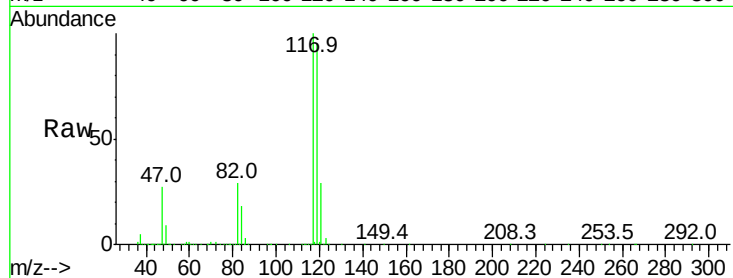
Tgt Ion:117 Resp: 2609509

Ion Ratio Lower Upper

117 100

119 95.2 75.7 113.5

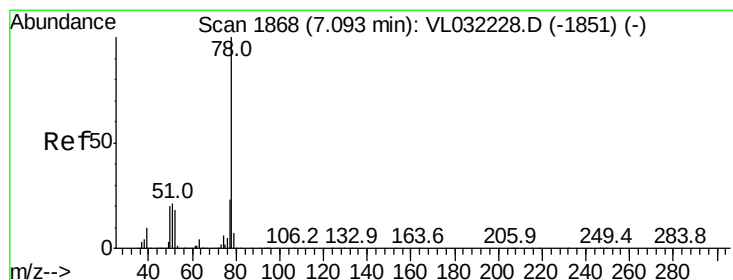
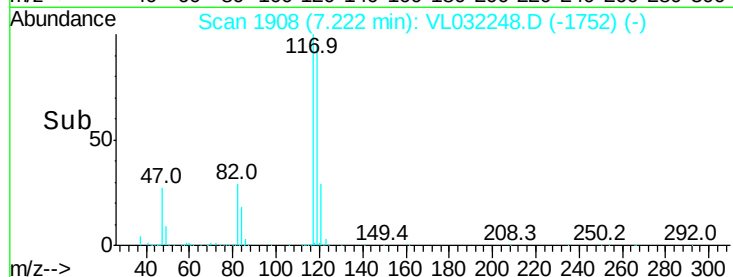
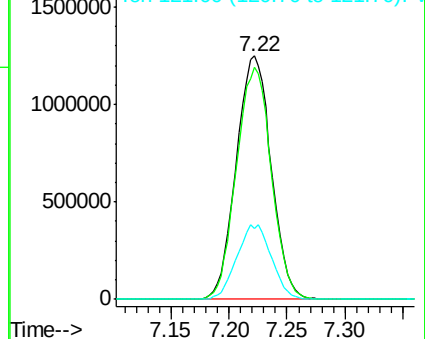
121 29.2 24.6 37.0



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: 7.09 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

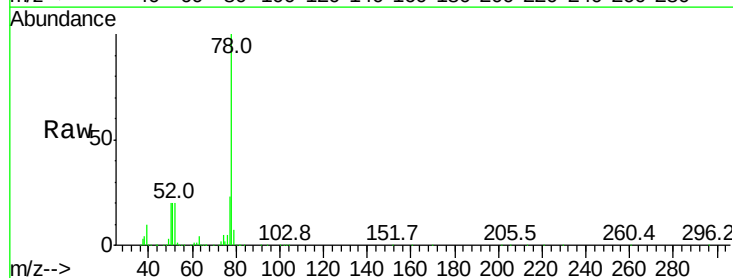
Tgt Ion: 78 Resp: 3749435

Ion Ratio Lower Upper

78 100

77 23.2 18.0 27.0

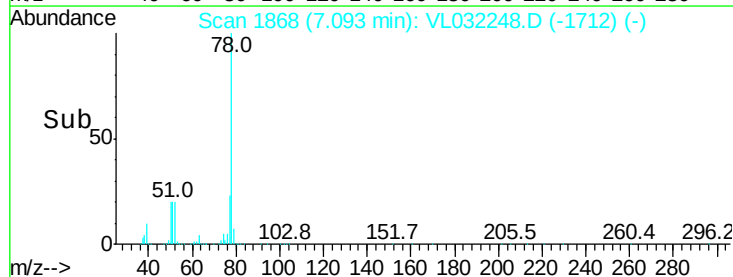
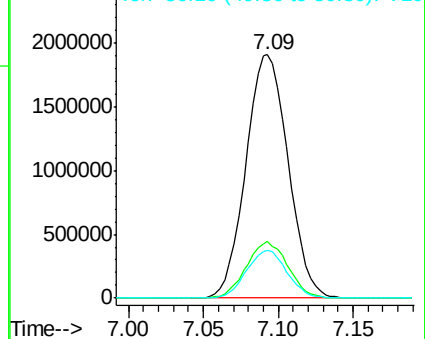
50 19.6 15.8 23.8

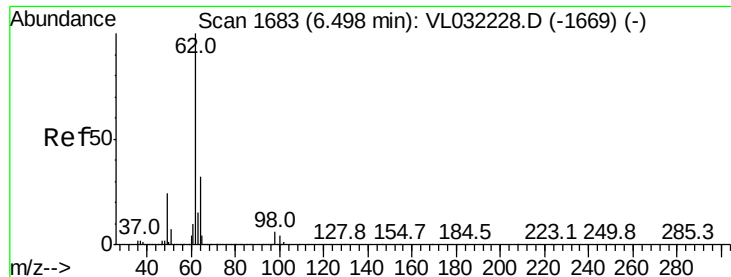


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

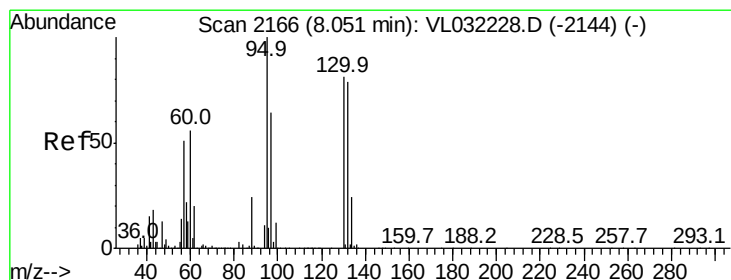
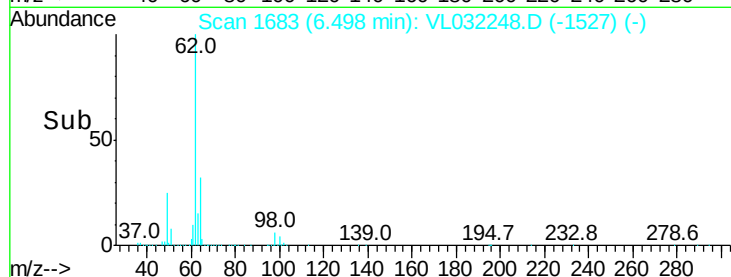
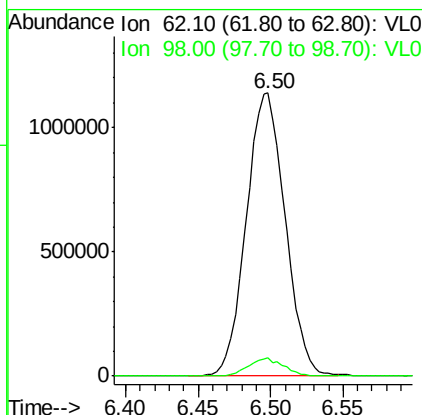
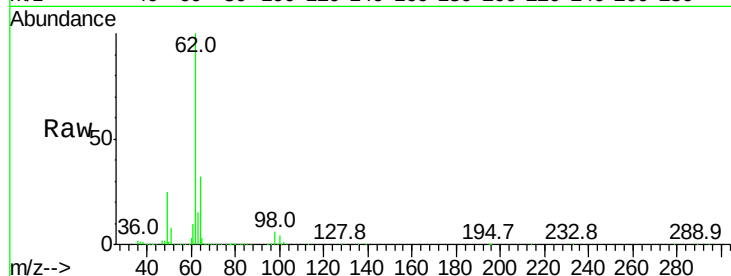




#37
 1,2-Dichloroethane
 Concen: 9.990 ppbv
 RT: 6.50 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VL032248.D
 Acq: 13 Jul 2018 16:01

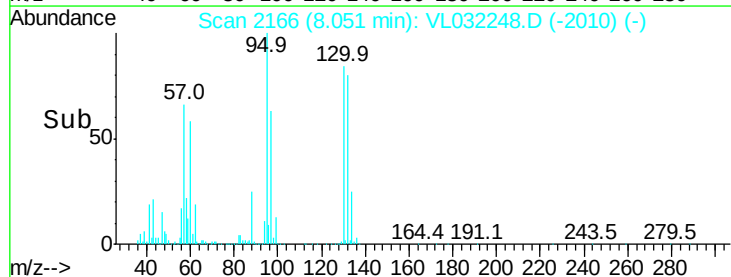
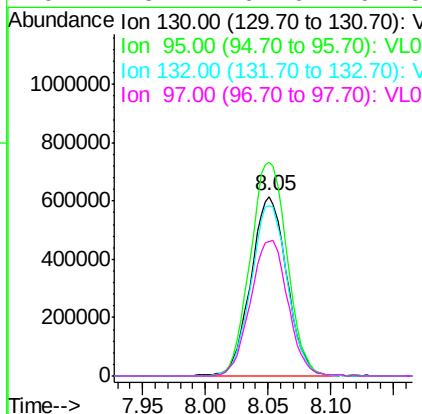
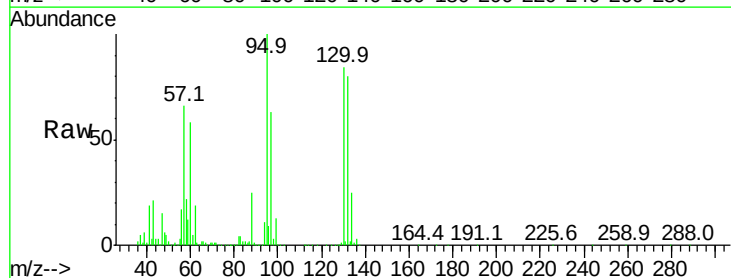
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01

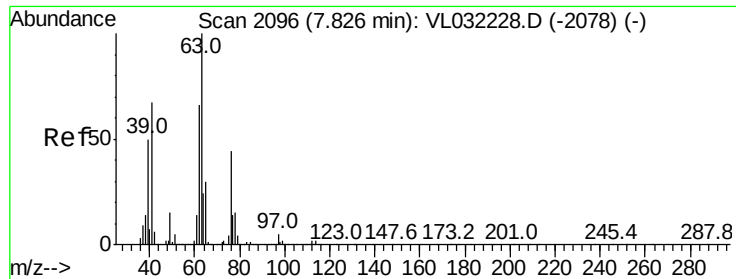
Tgt Ion: 62 Resp: 2130329
 Ion Ratio Lower Upper
 62 100
 98 5.9 4.6 7.0



#38
 Trichloroethene
 Concen: 9.126 ppbv
 RT: 8.05 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VL032248.D
 Acq: 13 Jul 2018 16:01

Tgt Ion: 130 Resp: 1219312
 Ion Ratio Lower Upper
 130 100
 95 119.5 98.3 147.5
 132 95.1 78.1 117.1
 97 75.2 62.6 94.0





#39

1,2-Dichloropropane

Concen: 9.813 ppbv

RT: 7.82 min Scan# 2095

Delta R.T. -0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

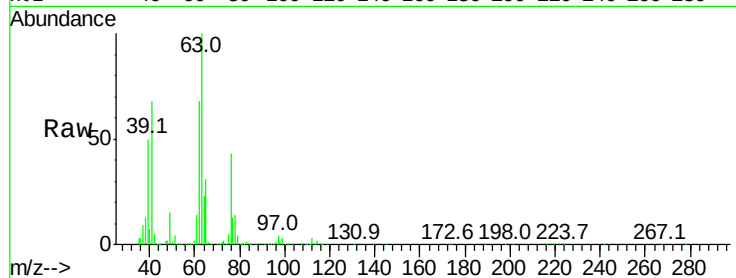
Tgt Ion: 63 Resp: 1519002

Ion Ratio Lower Upper

63 100

41 68.4 53.8 80.6

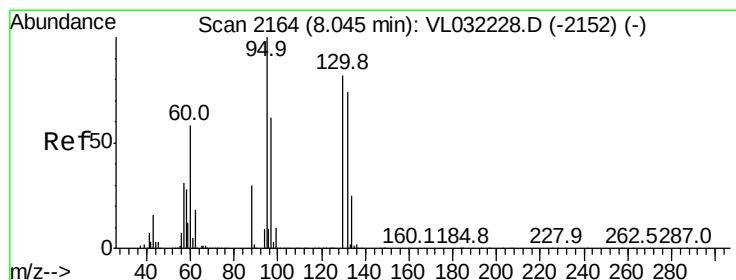
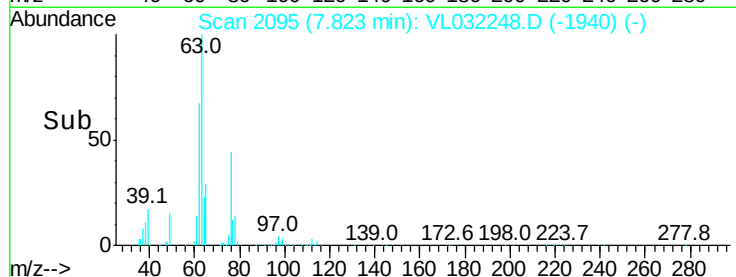
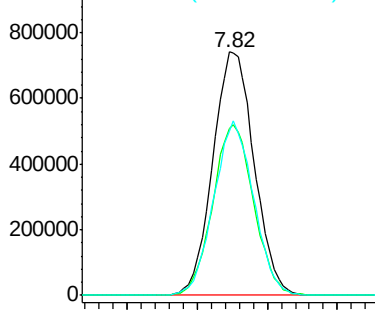
62 67.5 53.1 79.7



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 9.895 ppbv

RT: 8.04 min Scan# 2163

Delta R.T. -0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Tgt Ion: 88 Resp: 525259

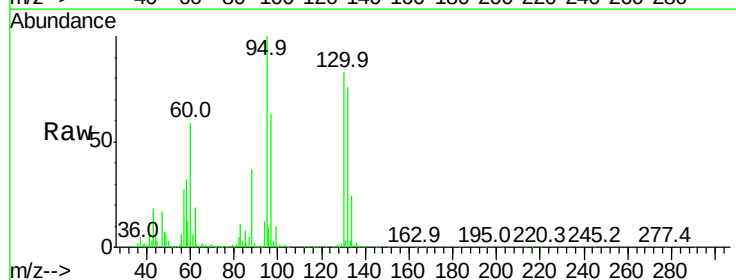
Ion Ratio Lower Upper

88 100

58 139.4 117.4 176.2

43 272.3 0.0 0.0#

57 1224.1 0.0 0.0#

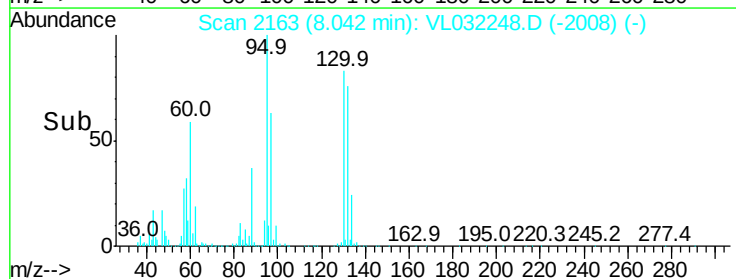
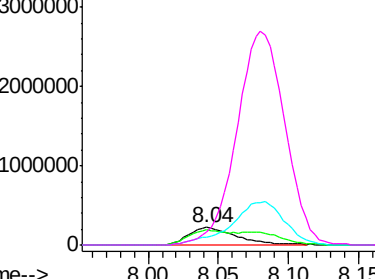


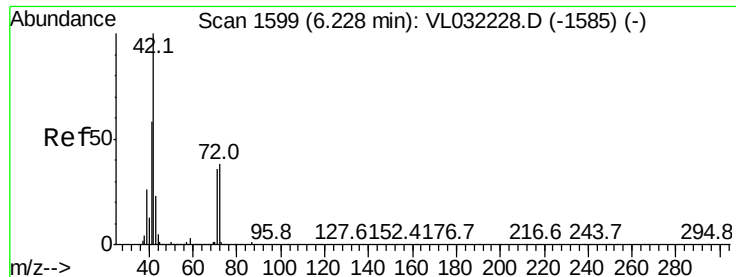
Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 10.055 ppbv

RT: 6.23 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

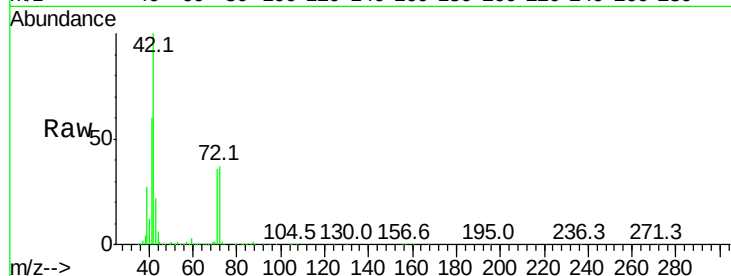
Tgt Ion: 42 Resp: 1502795

Ion Ratio Lower Upper

42 100

72 37.0 30.6 45.8

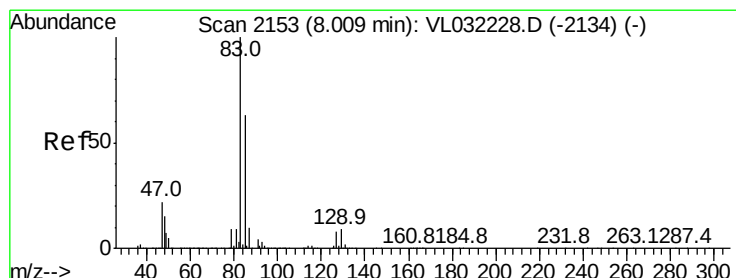
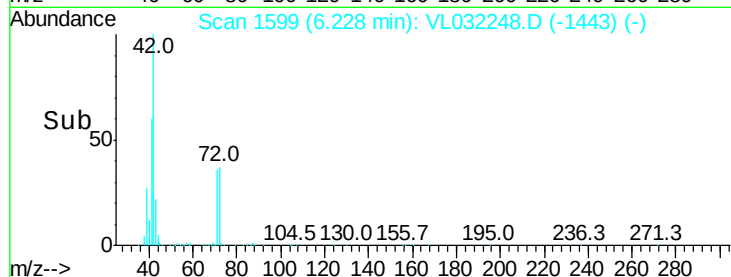
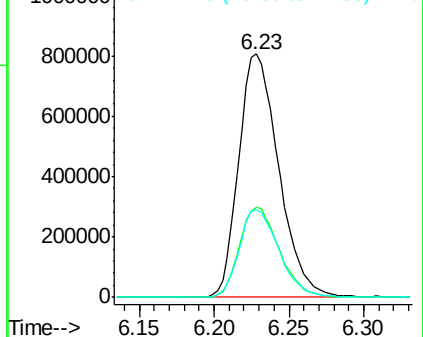
71 36.1 29.7 44.5



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: 9.667 ppbv

RT: 8.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

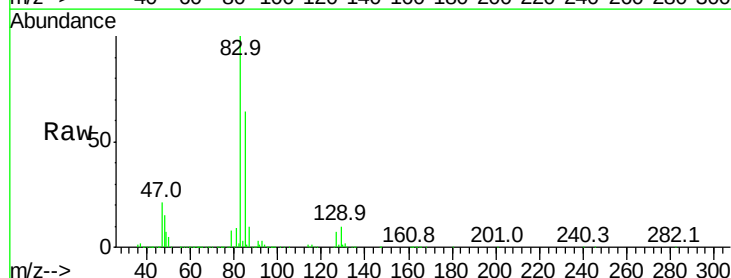
Tgt Ion: 83 Resp: 2935608

Ion Ratio Lower Upper

83 100

85 64.1 50.6 76.0

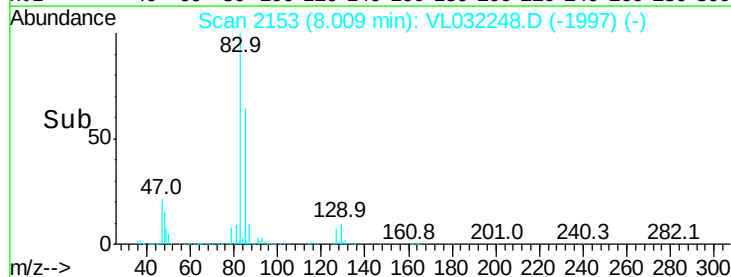
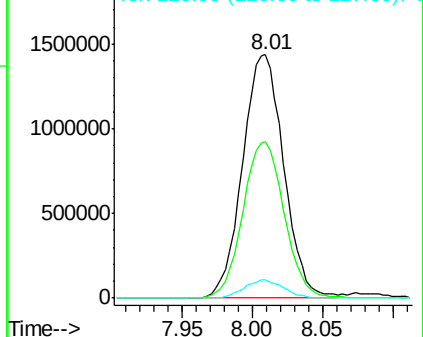
127 7.4 6.1 9.1

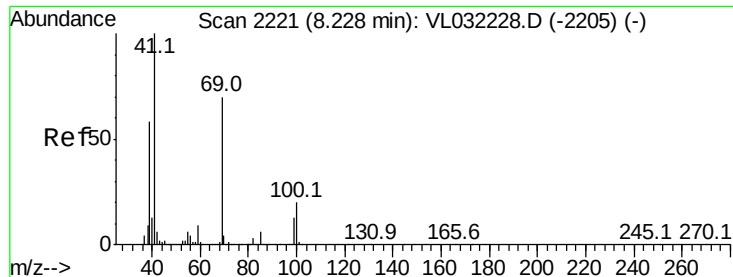


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 10.248 ppbv

RT: 8.22 min Scan# 2220

Delta R.T. -0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

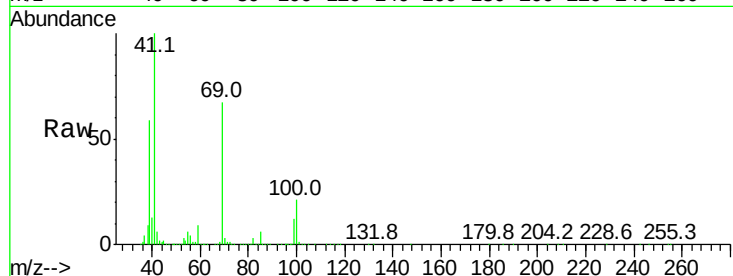
Tgt Ion: 69 Resp: 1542588

Ion Ratio Lower Upper

69 100

41 148.1 116.3 174.5

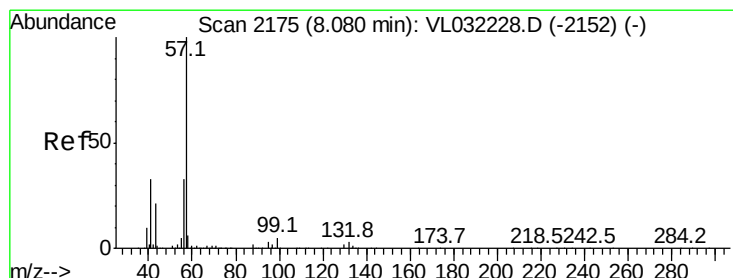
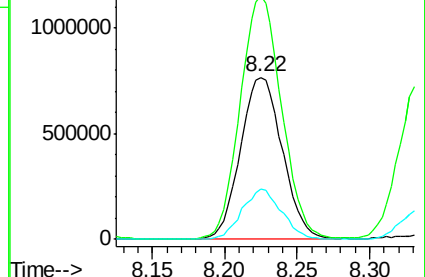
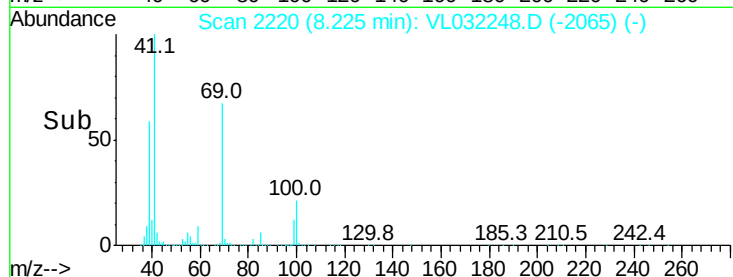
100 29.2 23.8 35.8



Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 9.585 ppbv

RT: 8.08 min Scan# 2175

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

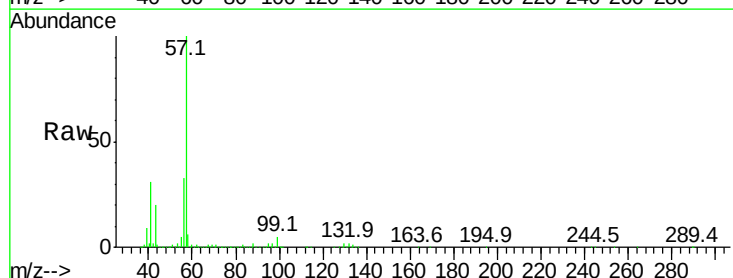
Tgt Ion: 57 Resp: 6421450

Ion Ratio Lower Upper

57 100

41 30.4 24.7 37.1

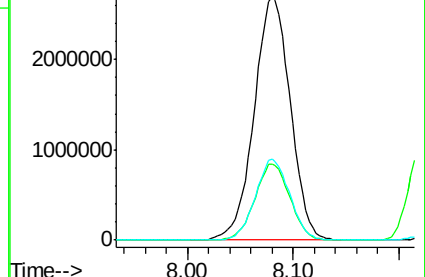
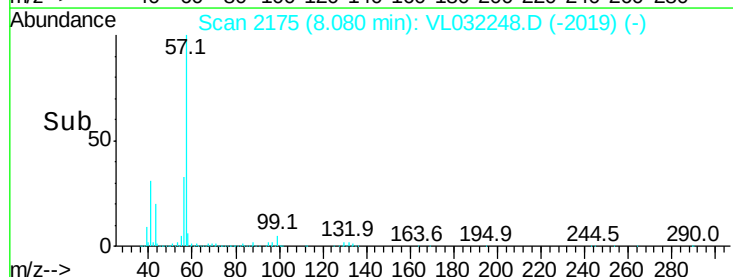
56 31.7 25.4 38.0

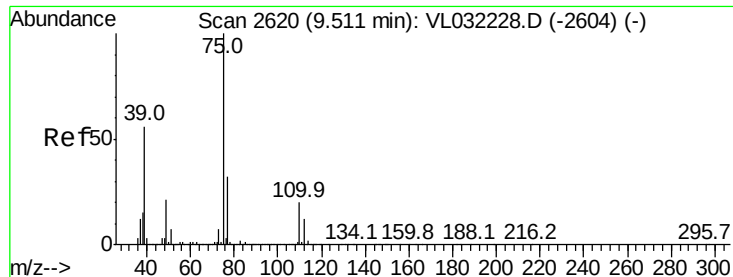


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 12.607 ppbv

RT: 9.51 min Scan# 2620

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

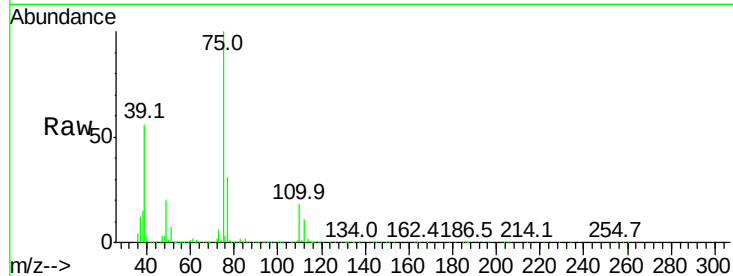
VL0713ABS01

Tgt Ion: 75 Resp: 2260084

Ion Ratio Lower Upper

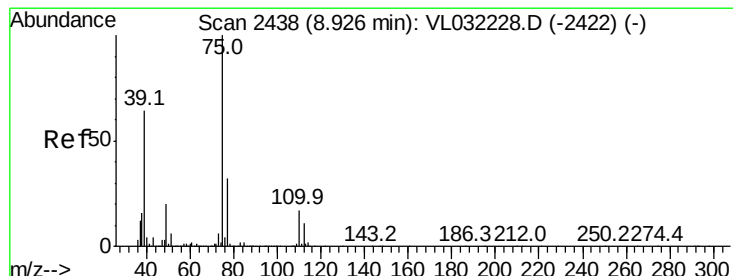
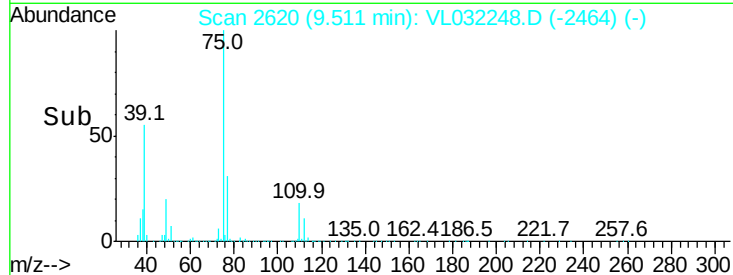
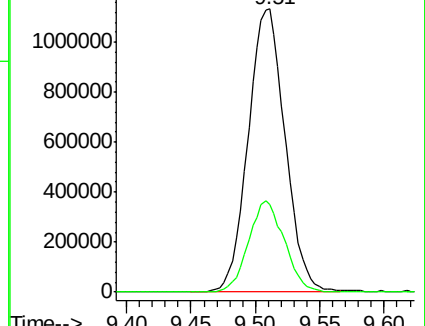
75 100

77 30.8 25.5 38.3



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: 9.005 ppbv

RT: 8.93 min Scan# 2439

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

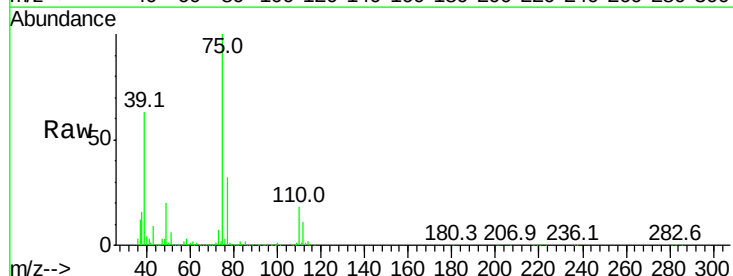
Tgt Ion: 75 Resp: 2201831

Ion Ratio Lower Upper

75 100

39 63.3 50.9 76.3

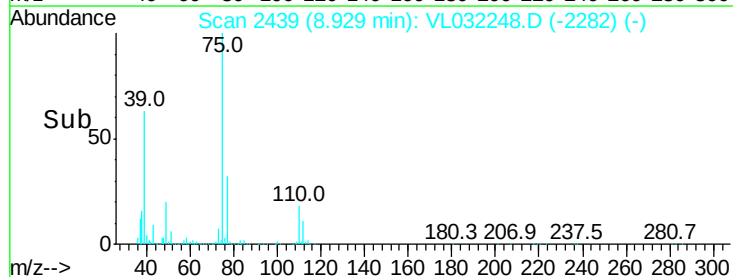
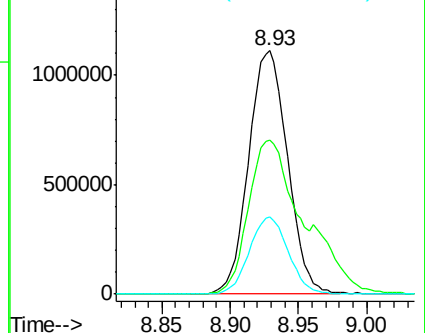
77 31.6 25.3 37.9

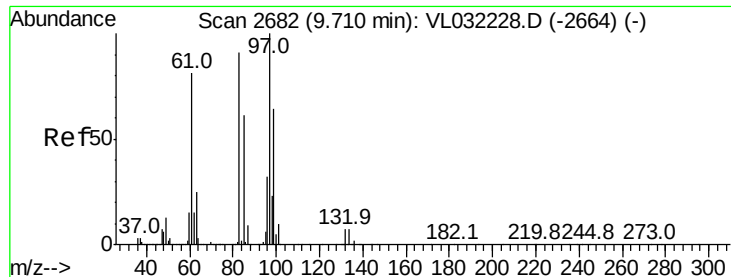


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0



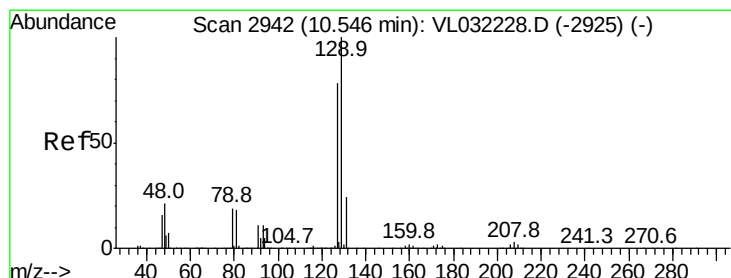
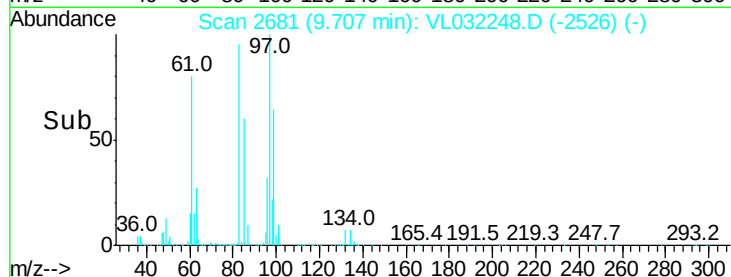
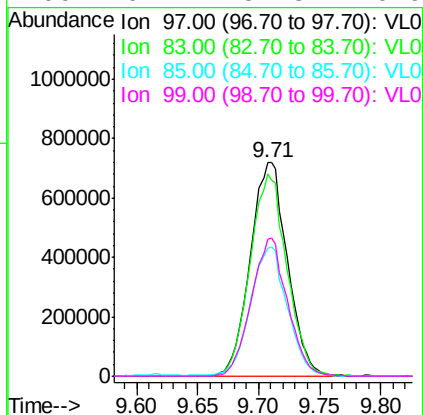
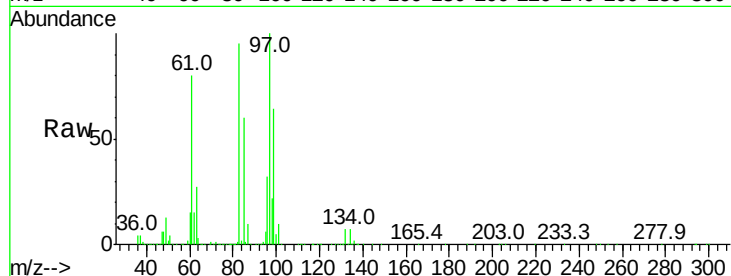


#47
 1,1,2-Trichloroethane
 Concen: 8.764 ppbv
 RT: 9.71 min Scan# 2681
 Delta R.T. -0.00 min
 Lab File: VL032248.D
 Acq: 13 Jul 2018 16:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01

Tgt Ion: 97 Resp: 1515381

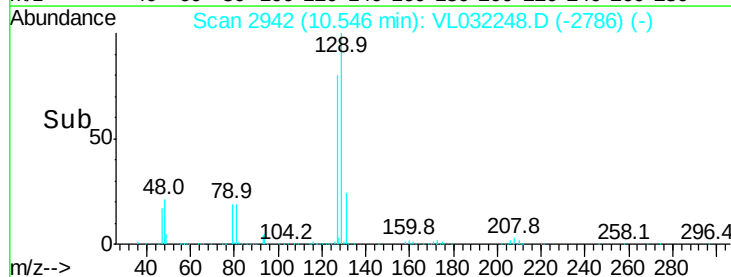
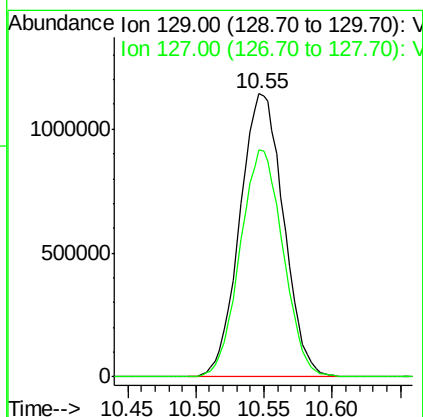
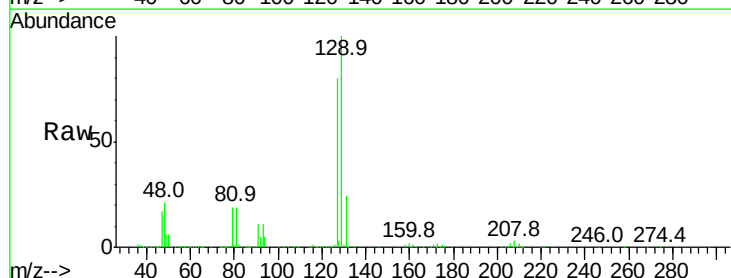
Ion	Ratio	Lower	Upper
97	100		
83	94.9	72.9	109.3
85	59.6	49.3	73.9
99	64.2	51.3	76.9

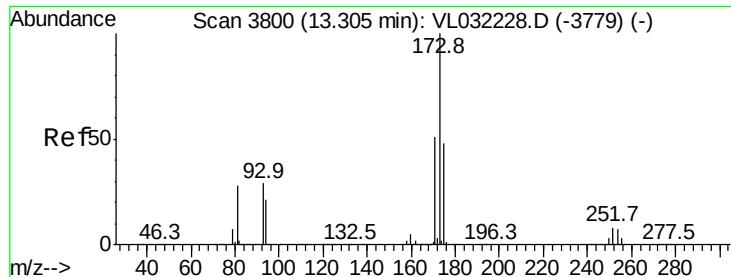


#48
 Dibromochloromethane
 Concen: 9.871 ppbv
 RT: 10.55 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VL032248.D
 Acq: 13 Jul 2018 16:01

Tgt Ion: 129 Resp: 2539146

Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.3	117.9





#49

Bromoform

Concen: 10.112 ppbv

RT: 13.30 min Scan# 3799

Delta R.T. -0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

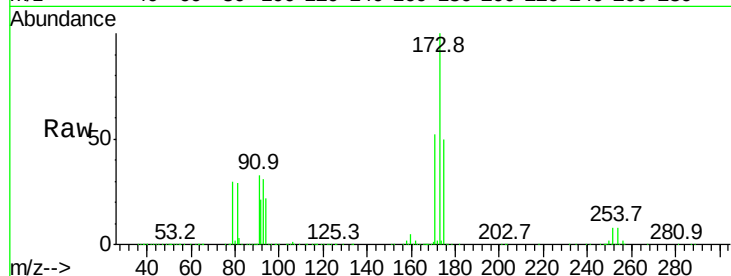
Tgt Ion:173 Resp: 2085237

Ion Ratio Lower Upper

173 100

175 49.1 39.4 59.2

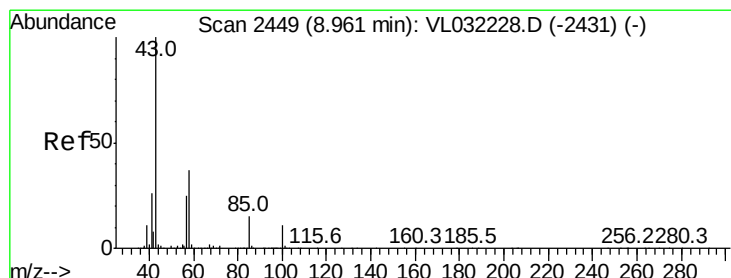
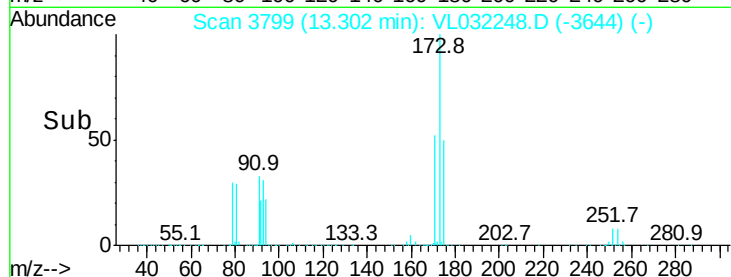
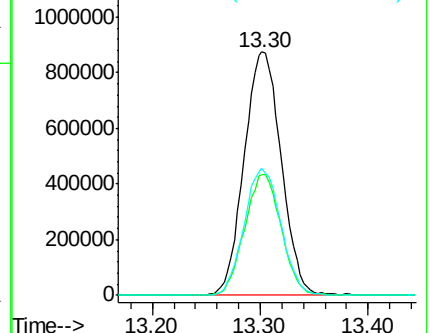
171 52.0 41.8 62.6



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: 9.229 ppbv

RT: 8.96 min Scan# 2449

Delta R.T. 0.00 min

Lab File: VL032248.D

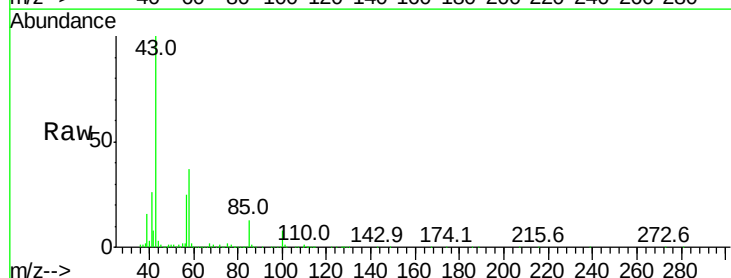
Acq: 13 Jul 2018 16:01

Tgt Ion: 43 Resp: 4263770

Ion Ratio Lower Upper

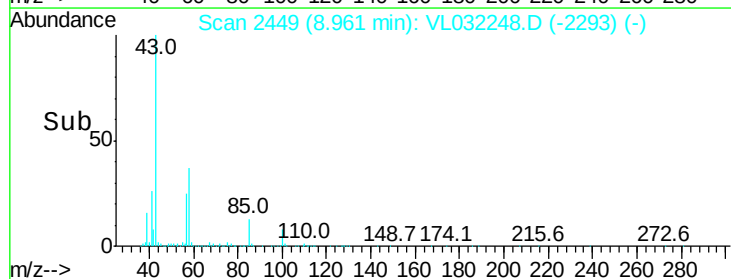
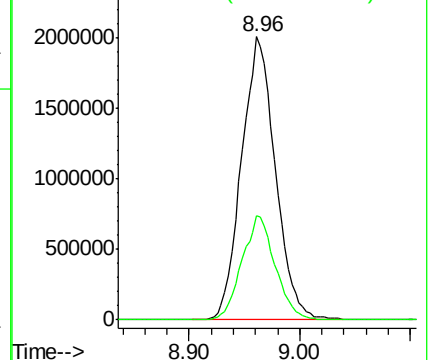
43 100

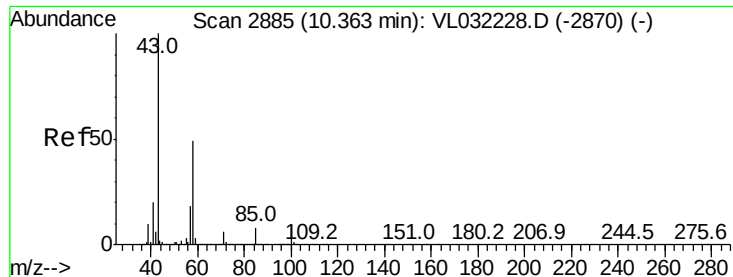
58 36.2 29.5 44.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

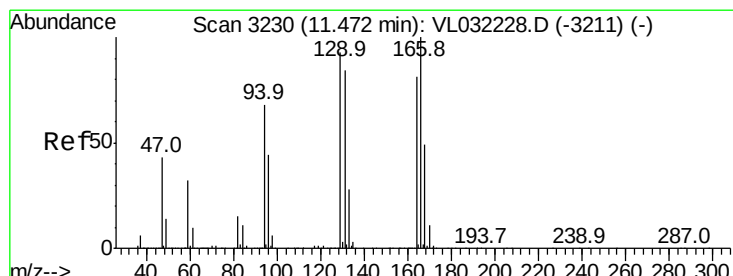
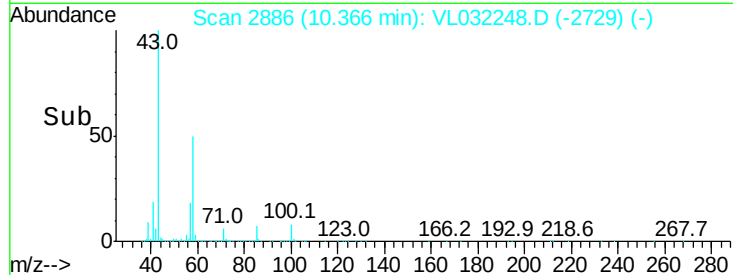
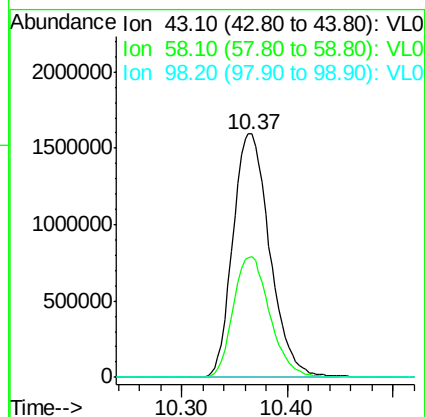
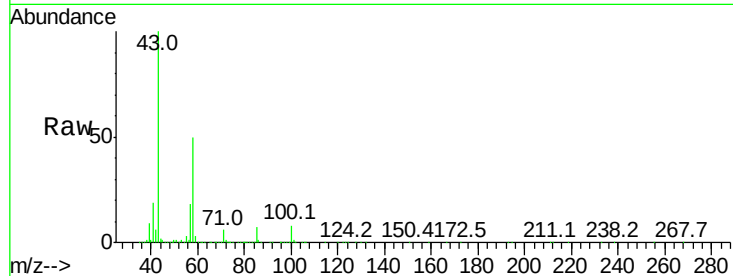




#51
2-Hexanone
Concen: 10.040 ppbv
RT: 10.37 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

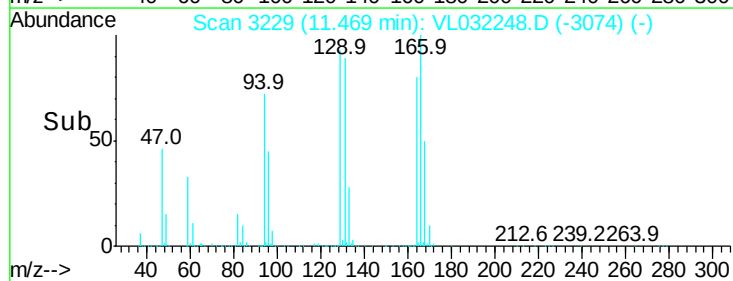
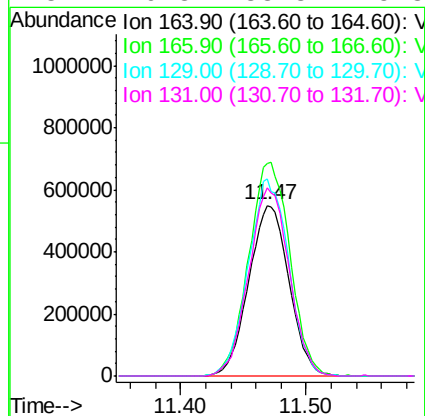
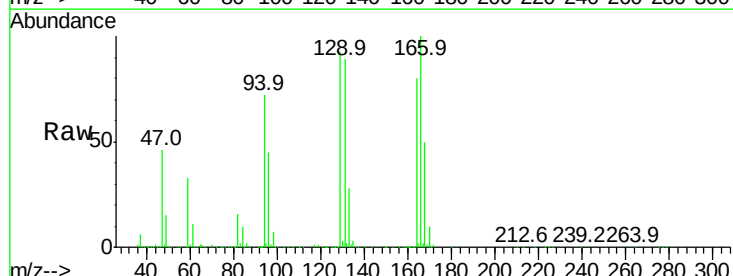
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

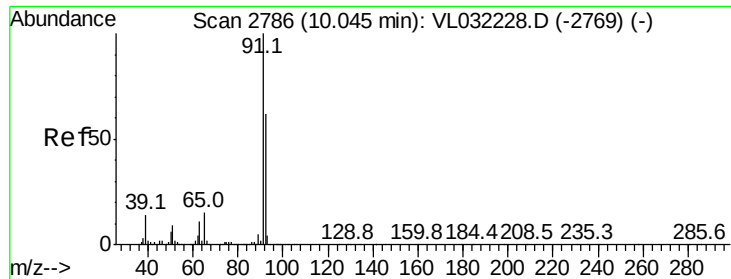
Tgt Ion: 43 Resp: 3873800
Ion Ratio Lower Upper
43 100
58 49.3 39.9 59.9
98 0.4 0.2 0.4



#52
Tetrachloroethene
Concen: 8.513 ppbv
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

Tgt Ion: 164 Resp: 1225239
Ion Ratio Lower Upper
164 100
166 124.5 99.3 148.9
129 115.4 92.0 138.0
131 110.3 83.8 125.8





#53

Toluene

Concen: 8.954 ppbv

RT: 10.04 min Scan# 2785

Delta R.T. -0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

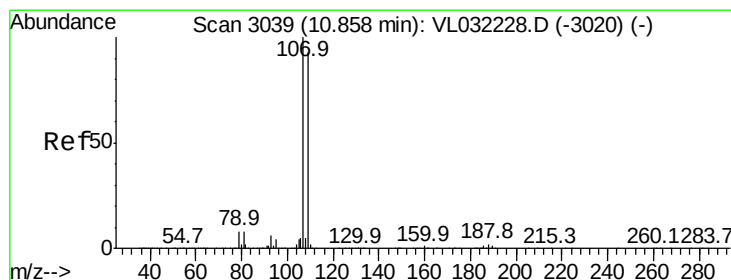
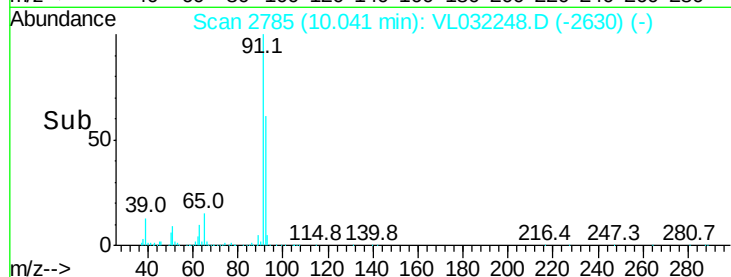
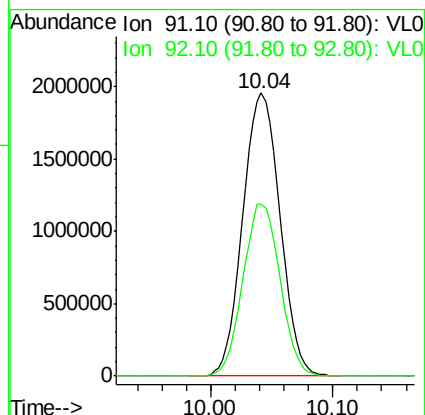
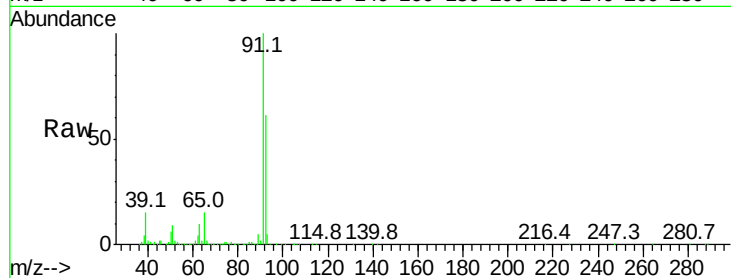
VL0713ABS01

Tgt Ion: 91 Resp: 4123473

Ion Ratio Lower Upper

91 100

92 60.7 49.0 73.4



#54

1,2-Dibromoethane

Concen: 9.155 ppbv

RT: 10.86 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VL032248.D

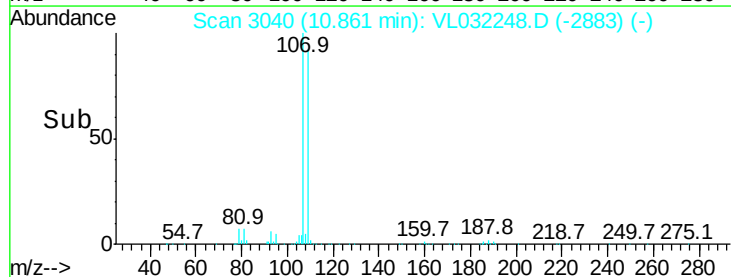
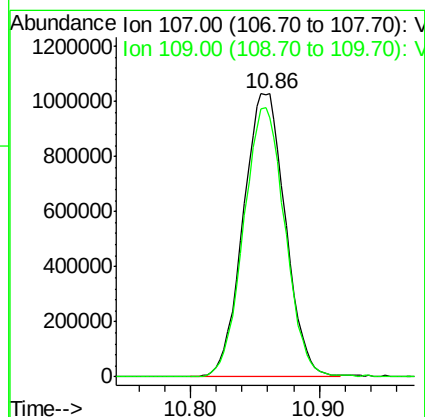
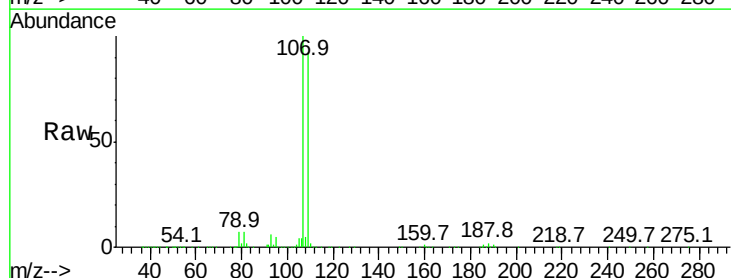
Acq: 13 Jul 2018 16:01

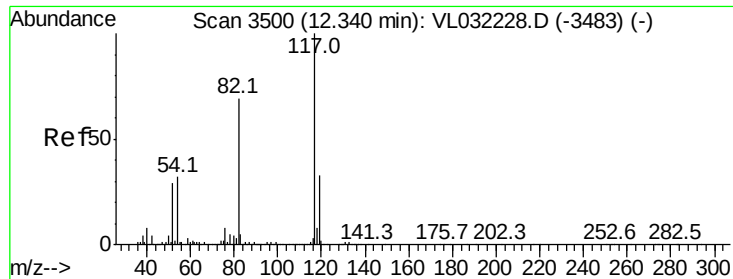
Tgt Ion: 107 Resp: 2336817

Ion Ratio Lower Upper

107 100

109 91.7 74.3 111.5

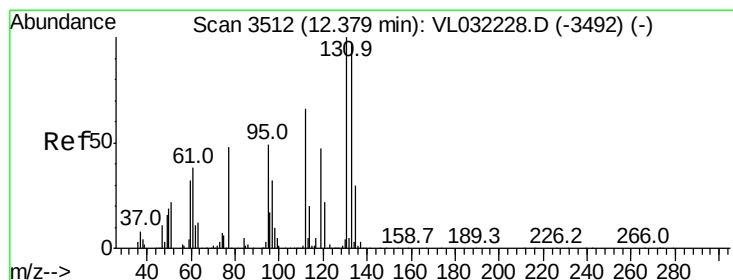
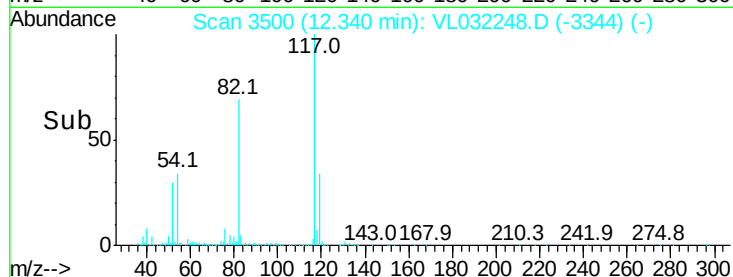
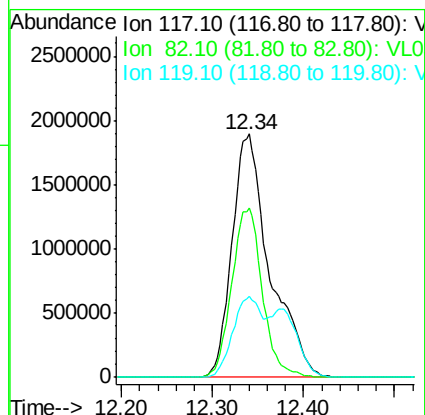
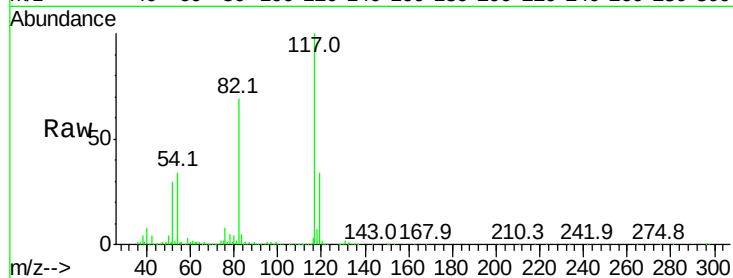




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.34 min Scan# 3500
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

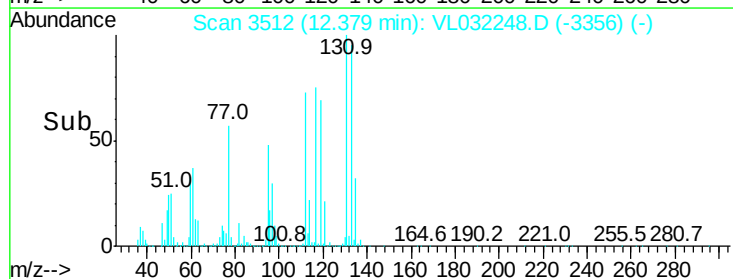
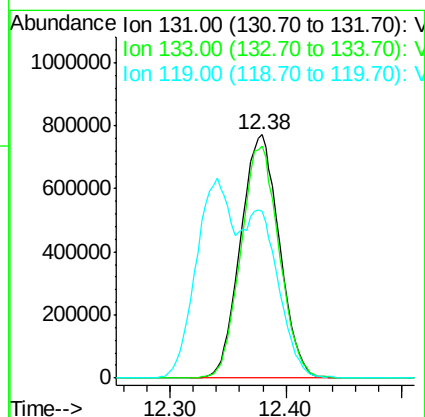
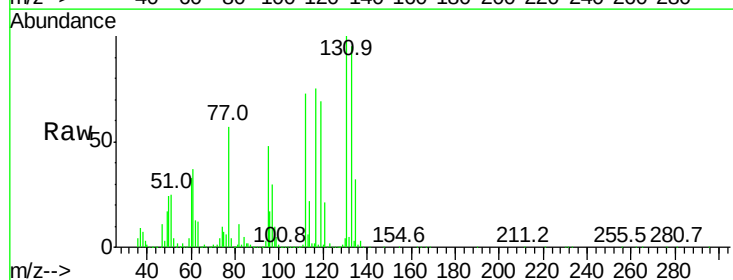
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

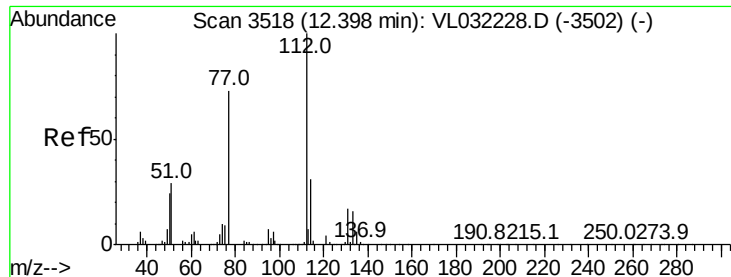
Tgt Ion:117 Resp: 5468064
Ion Ratio Lower Upper
117 100
82 56.2 53.2 79.8
119 46.7 43.9 65.9



#56
1,1,1,2-Tetrachloroethane
Concen: 7.553 ppbv
RT: 12.38 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

Tgt Ion:131 Resp: 1794159
Ion Ratio Lower Upper
131 100
133 94.4 75.2 112.8
119 142.2 113.9 170.9

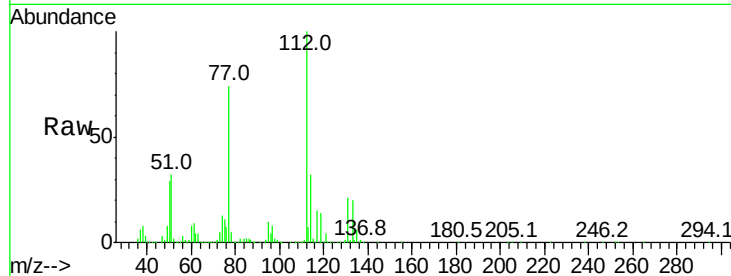




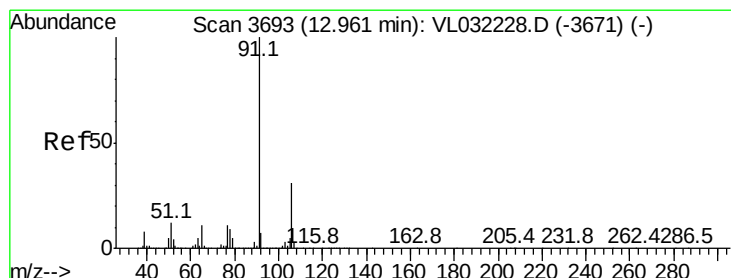
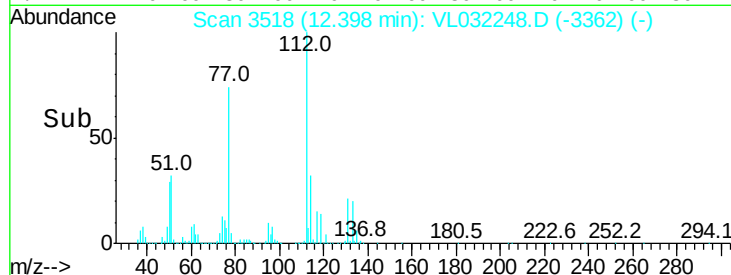
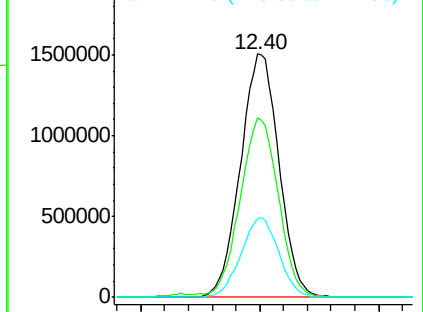
#57
Chlorobenzene
Concen: 7.284 ppbv
RT: 12.40 min Scan# 3518
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Tgt Ion: 112 Resp: 3366562
Ion Ratio Lower Upper
112 100
77 73.4 58.8 88.2
114 32.2 27.9 34.1

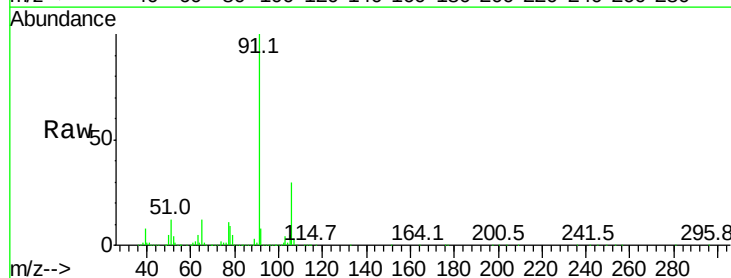


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

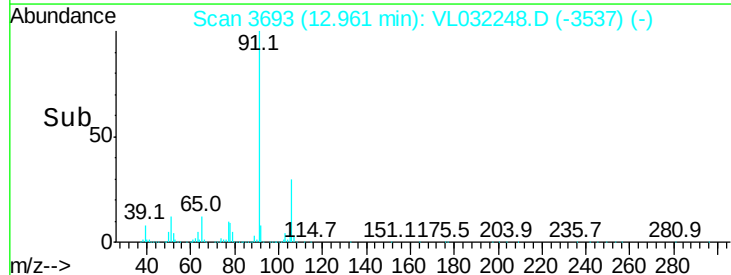
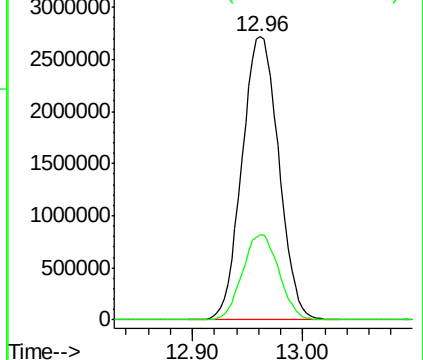


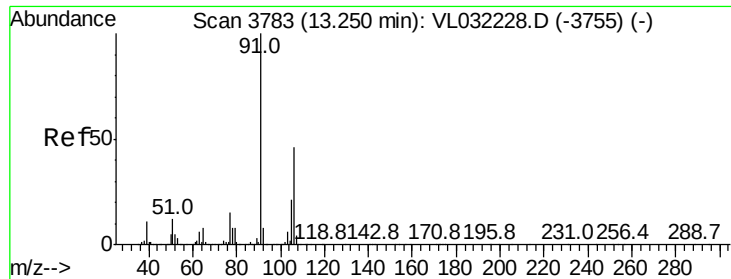
#58
Ethyl Benzene
Concen: 7.882 ppbv
RT: 12.96 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

Tgt Ion: 91 Resp: 6276206
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

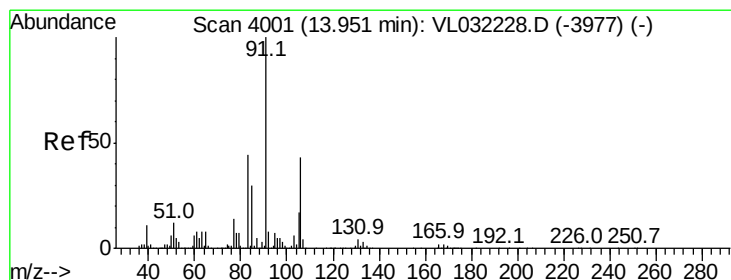
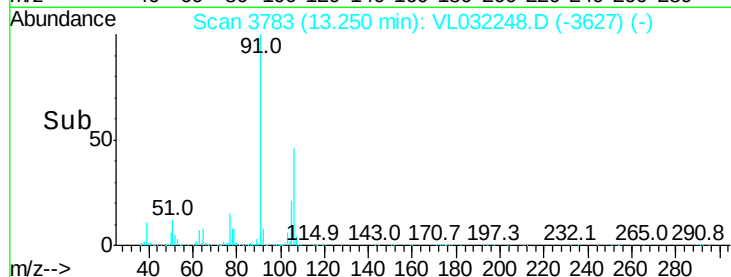
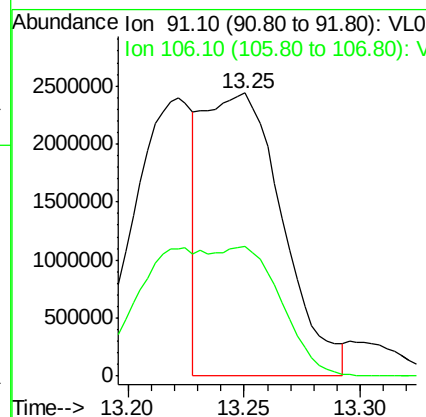
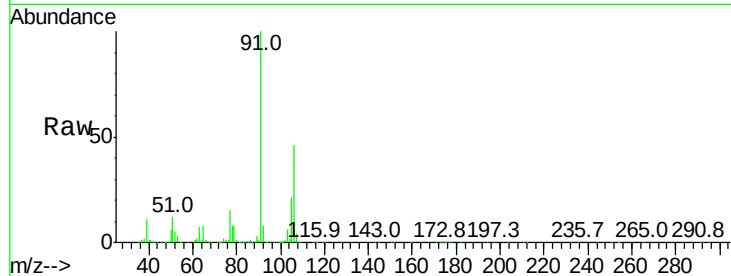




#59
m/p-Xylene
Concen: 8.839 ppbv
RT: 13.25 min Scan# 3783
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

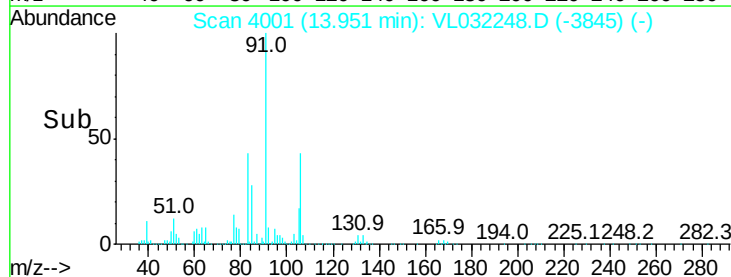
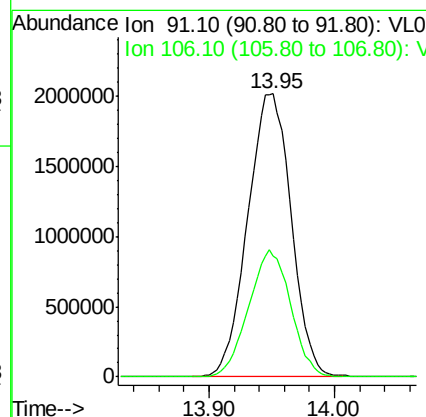
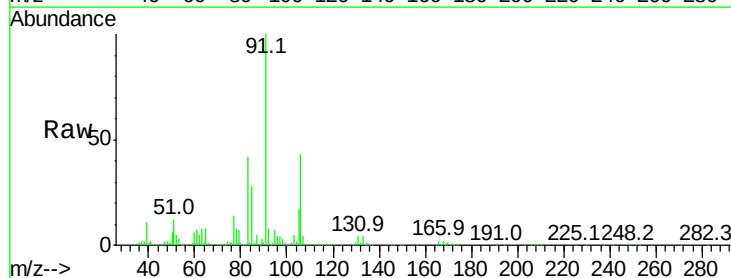
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

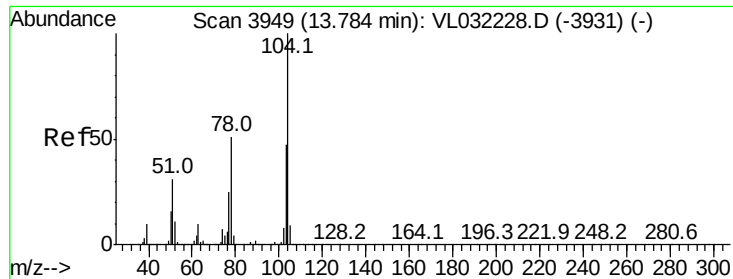
Tgt Ion: 91 Resp: 5790737
Ion Ratio Lower Upper
91 100
106 78.2 36.4 54.6#



#60
o-Xylene
Concen: 7.512 ppbv
RT: 13.95 min Scan# 4001
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

Tgt Ion: 91 Resp: 4856090
Ion Ratio Lower Upper
91 100
106 43.5 21.9 65.5





#61

Styrene

Concen: 8.249 ppbv

RT: 13.78 min Scan# 3949

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

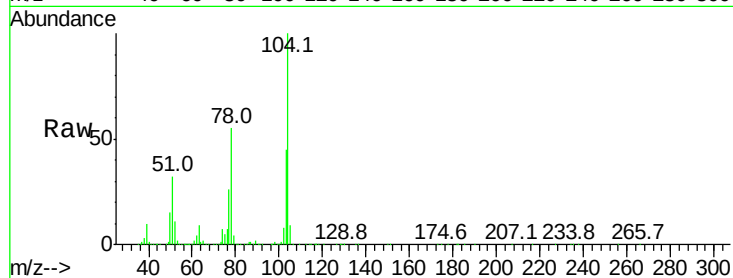
Tgt Ion:104 Resp: 3995992

Ion Ratio Lower Upper

104 100

78 54.5 43.4 65.0

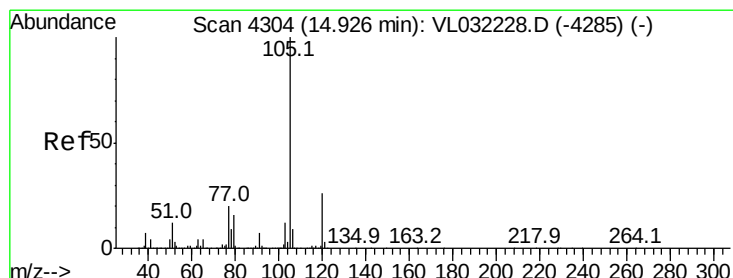
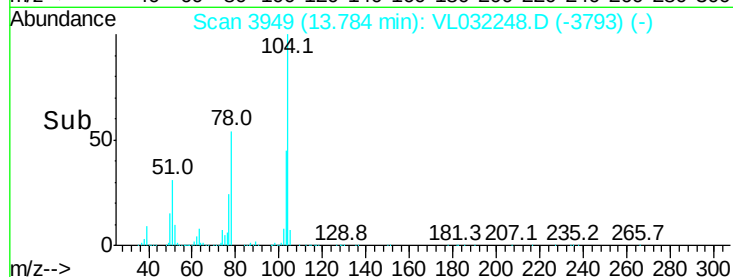
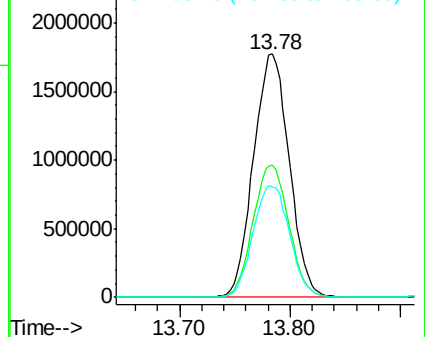
103 47.2 38.0 57.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 7.496 ppbv

RT: 14.92 min Scan# 4303

Delta R.T. -0.00 min

Lab File: VL032248.D

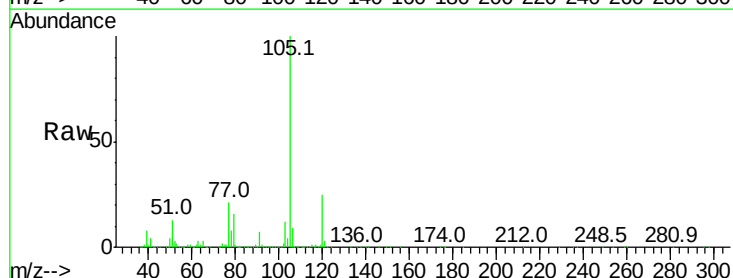
Acq: 13 Jul 2018 16:01

Tgt Ion:105 Resp: 6794438

Ion Ratio Lower Upper

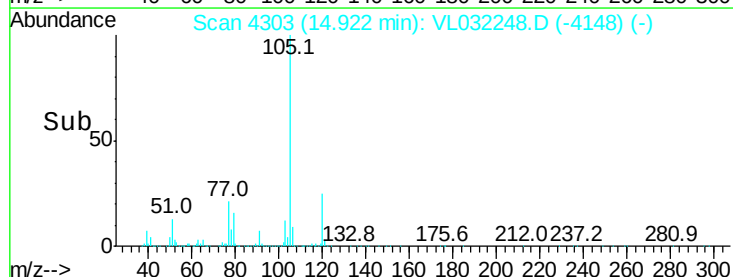
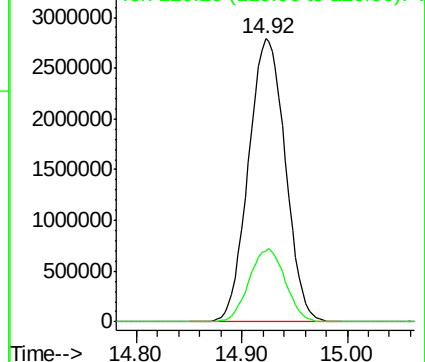
105 100

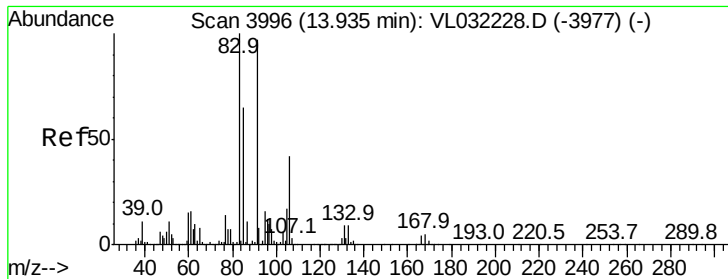
120 25.3 20.2 30.2



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: 6.908 ppbv

RT: 13.94 min Scan# 3996

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

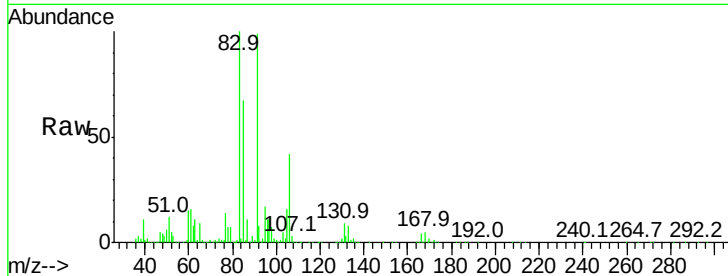
Tgt Ion: 83 Resp: 3633090

Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.3	12.8
85	64.7	32.5	97.5

83 100

131 8.4 4.3 12.8

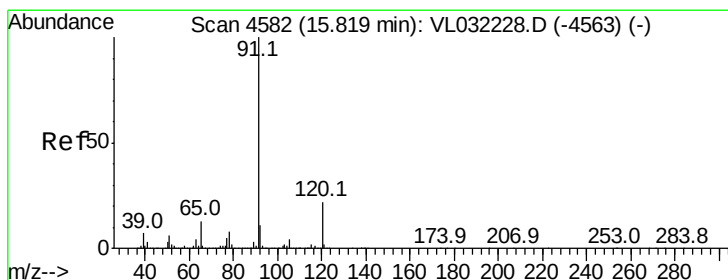
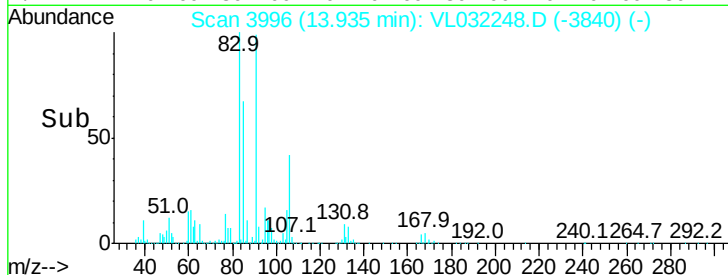
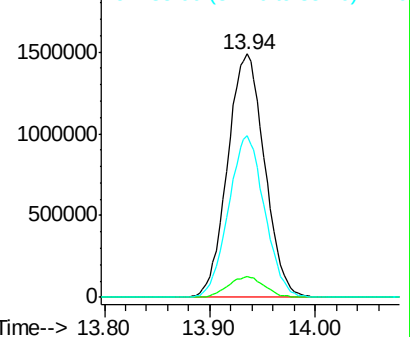
85 64.7 32.5 97.5



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.720 ppbv

RT: 15.82 min Scan# 4582

Delta R.T. 0.00 min

Lab File: VL032248.D

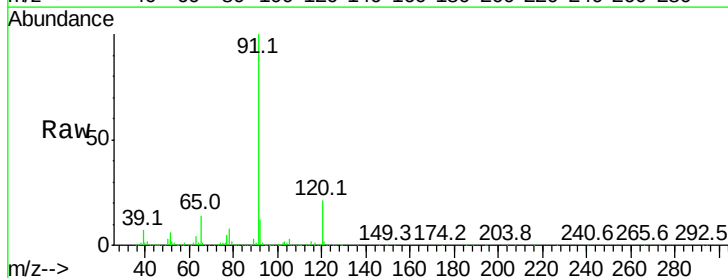
Acq: 13 Jul 2018 16:01

Tgt Ion: 120 Resp: 1771669

Ion	Ratio	Lower	Upper
120	100		
91	486.2	385.0	577.4

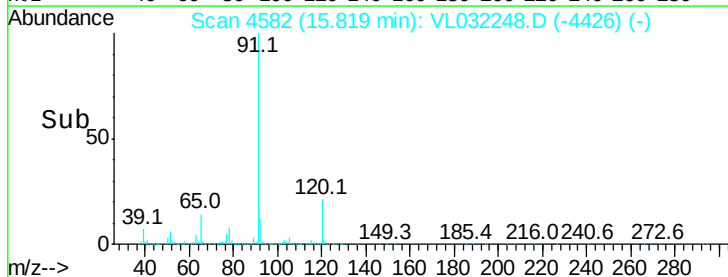
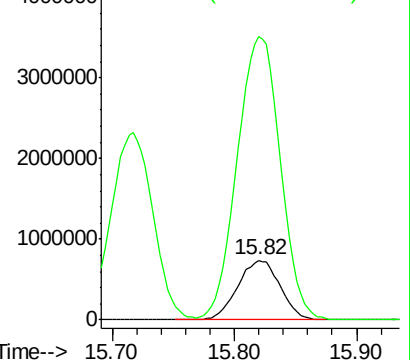
120 100

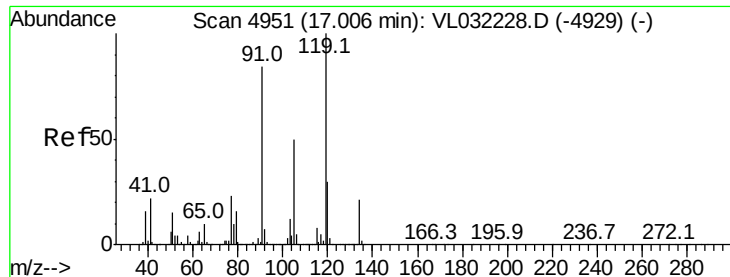
91 486.2 385.0 577.4



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0

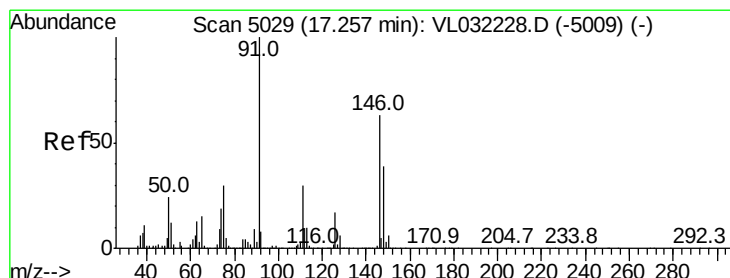
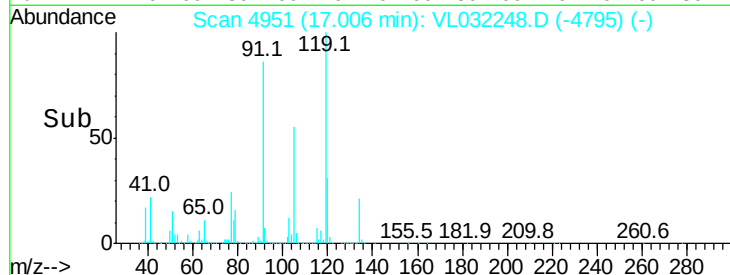
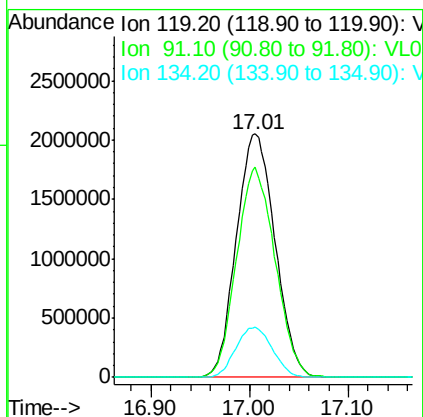
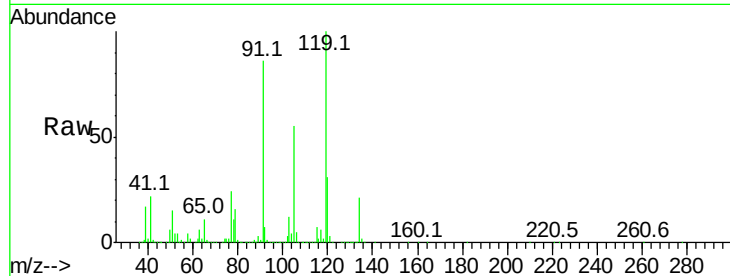




#65
 tert-Butylbenzene
 Concen: 7.326 ppbv
 RT: 17.01 min Scan# 4951
 Delta R.T. 0.00 min
 Lab File: VL032248.D
 Acq: 13 Jul 2018 16:01

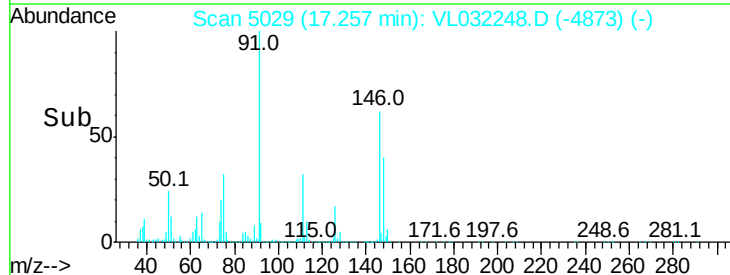
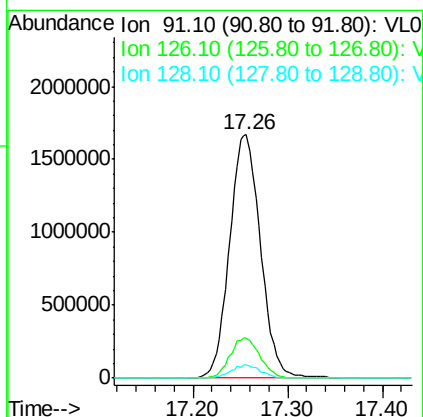
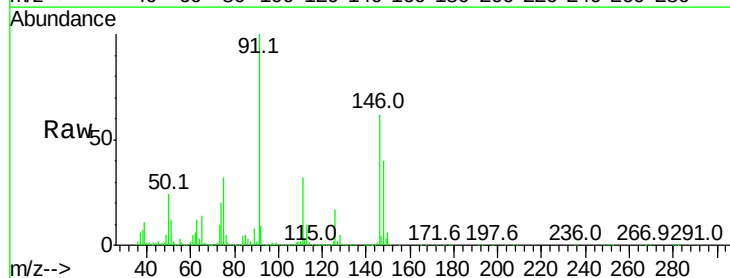
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01

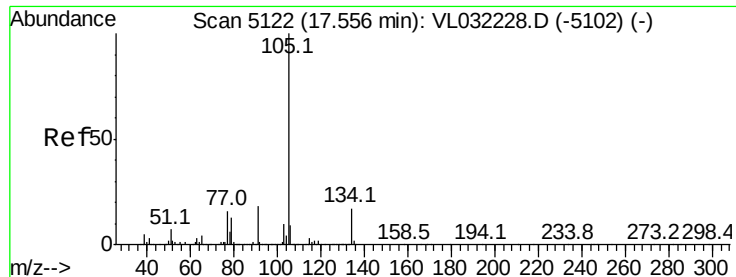
Tgt Ion: 119 Resp: 5563112
 Ion Ratio Lower Upper
 119 100
 91 85.9 68.6 102.8
 134 19.6 15.4 23.2



#66
 Benzyl Chloride
 Concen: 9.837 ppbv
 RT: 17.26 min Scan# 5029
 Delta R.T. 0.00 min
 Lab File: VL032248.D
 Acq: 13 Jul 2018 16:01

Tgt Ion: 91 Resp: 3780169
 Ion Ratio Lower Upper
 91 100
 126 16.2 13.4 20.0
 128 5.3 4.5 6.7





#67

sec-Butylbenzene

Concen: 7.532 ppbv

RT: 17.56 min Scan# 5122

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

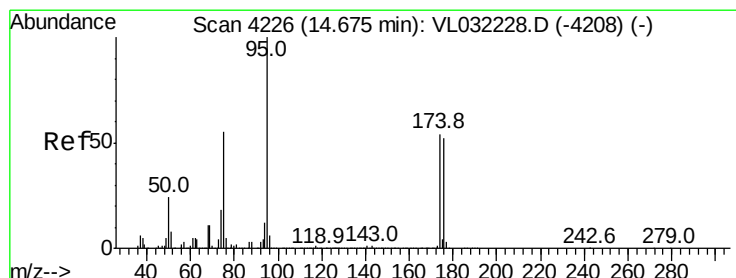
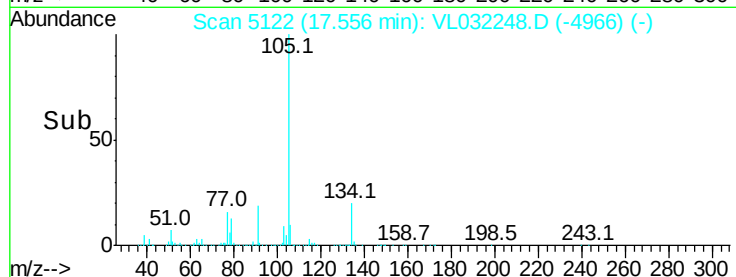
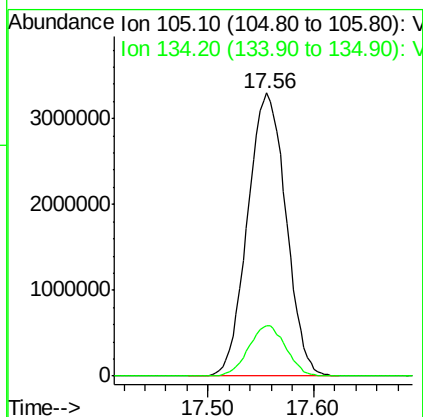
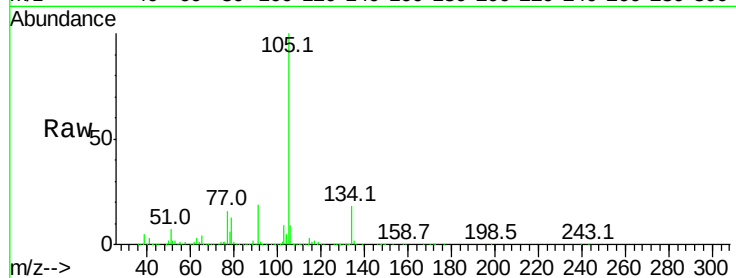
VL0713ABS01

Tgt Ion:105 Resp: 8356237

Ion Ratio Lower Upper

105 100

134 17.4 14.2 21.2



#68

1-Bromo-4-Fluorobenzene

Concen: 8.238 ppbv

RT: 14.67 min Scan# 4226

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

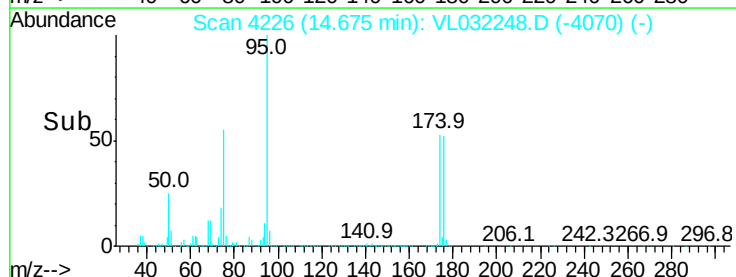
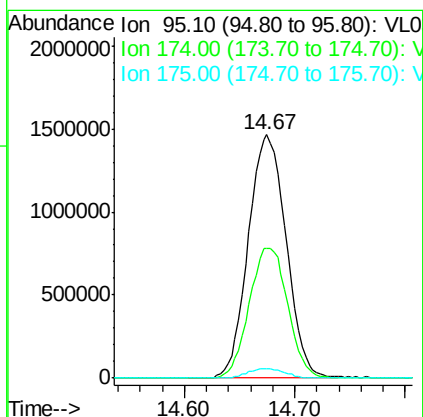
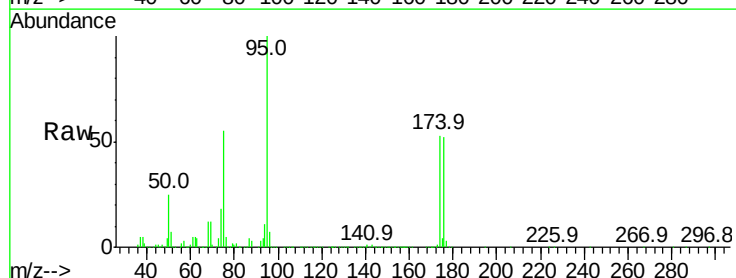
Tgt Ion: 95 Resp: 3487165

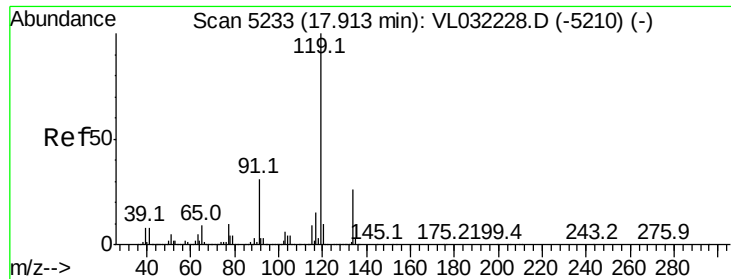
Ion Ratio Lower Upper

95 100

174 55.0 44.6 67.0

175 4.0 3.3 4.9

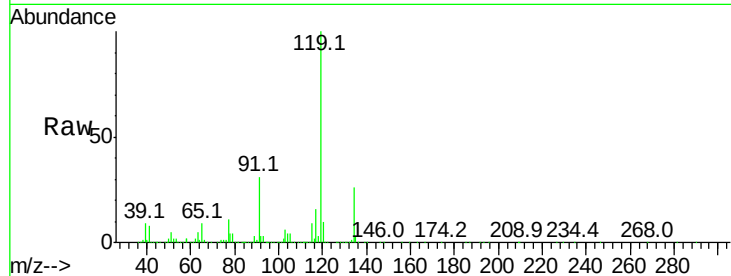




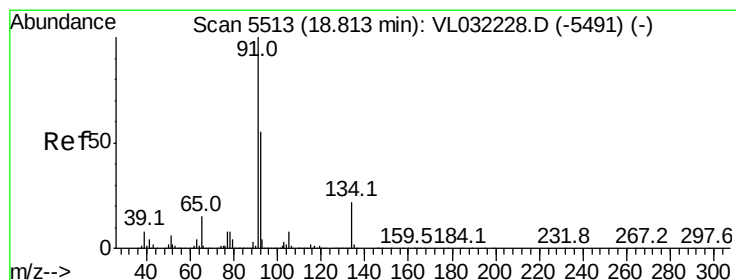
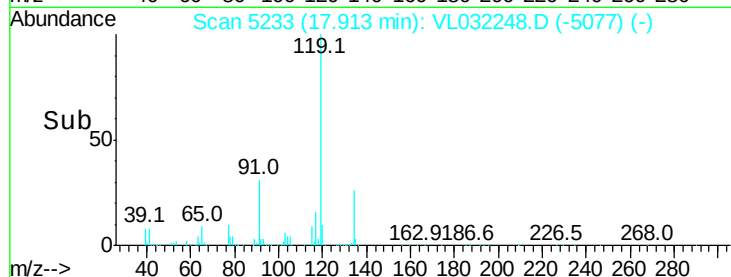
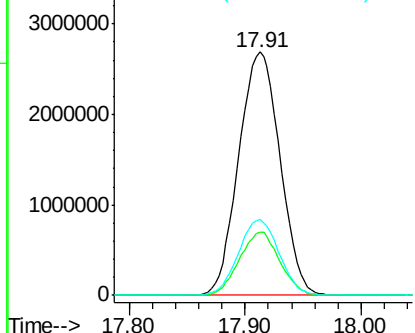
#69
p-Isopropyltoluene
Concen: 7.711 ppbv
RT: 17.91 min Scan# 5233
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Tgt Ion: 119 Resp: 6661603
Ion Ratio Lower Upper
119 100
134 25.5 20.1 30.1
91 30.6 24.2 36.2

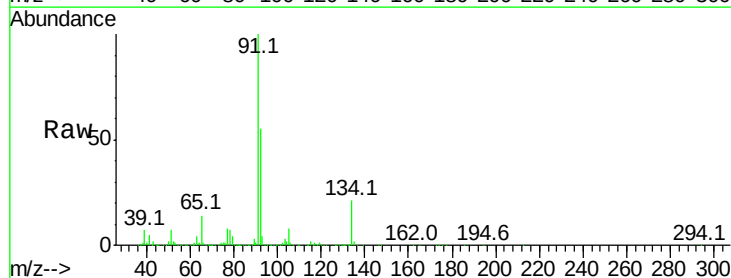


Abundance Ion 119.10 (118.80 to 119.80): V
Ion 134.20 (133.90 to 134.90): V
Ion 91.10 (90.80 to 91.80): V

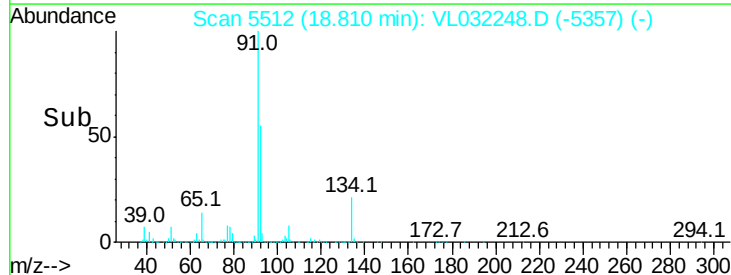
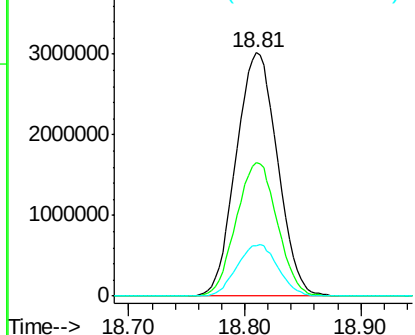


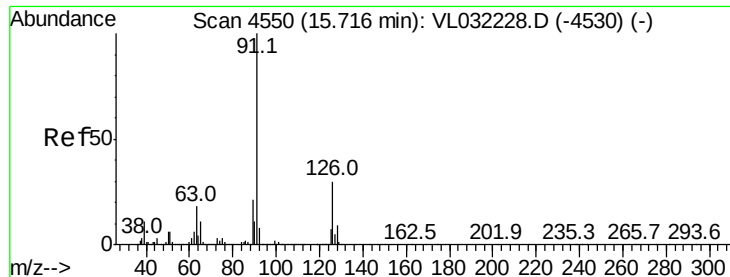
#70
n-Butylbenzene
Concen: 7.838 ppbv
RT: 18.81 min Scan# 5512
Delta R.T. -0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

Tgt Ion: 91 Resp: 7479955
Ion Ratio Lower Upper
91 100
92 54.6 43.6 65.4
134 21.2 17.1 25.7



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: 7.719 ppbv

RT: 15.72 min Scan# 4550

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

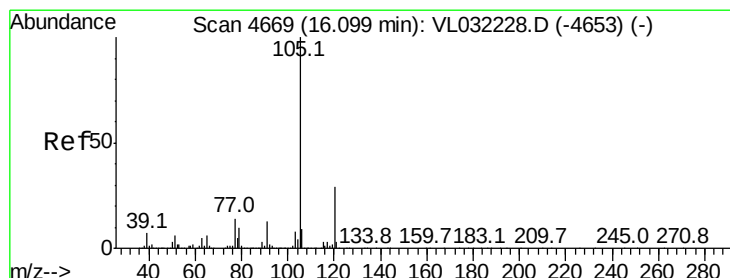
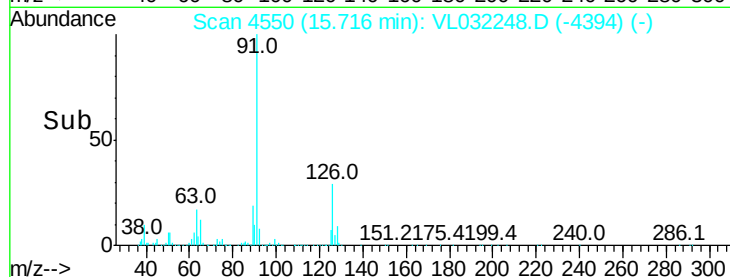
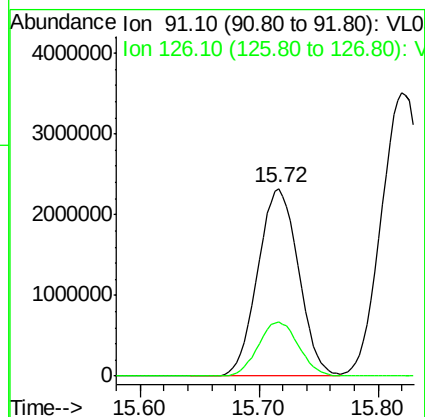
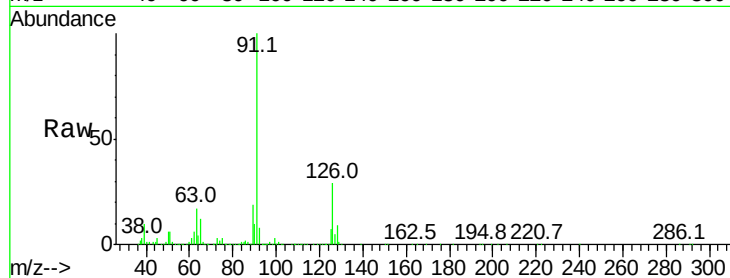
VL0713ABS01

Tgt Ion: 91 Resp: 5506496

Ion Ratio Lower Upper

91 100

126 28.7 11.7 46.7



#72

4-Ethyltoluene

Concen: 8.018 ppbv

RT: 16.10 min Scan# 4669

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Tgt Ion: 105 Resp: 5815837

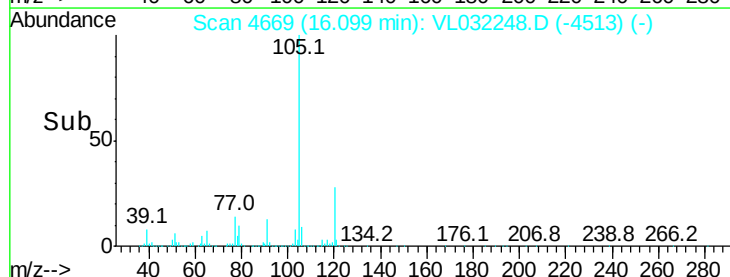
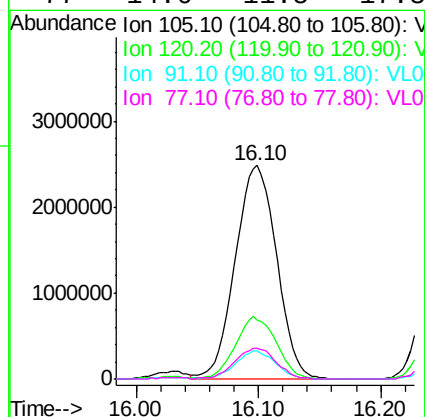
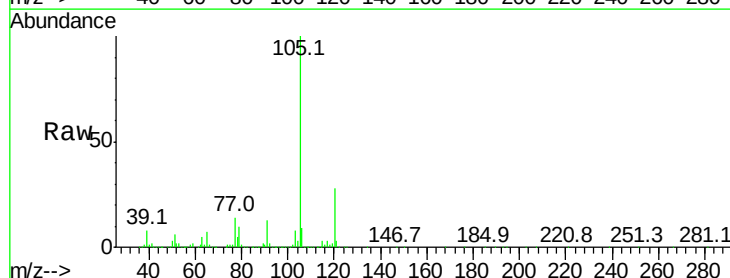
Ion Ratio Lower Upper

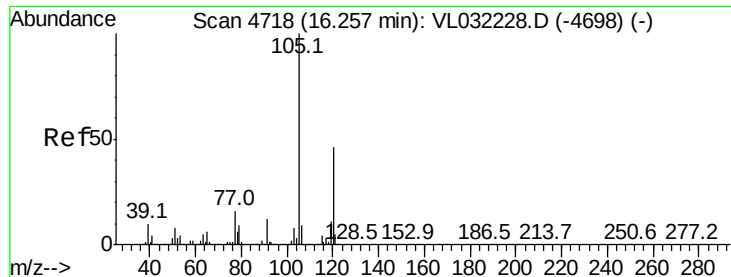
105 100

120 28.8 23.3 34.9

91 12.7 10.3 15.5

77 14.6 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 8.194 ppbv

RT: 16.25 min Scan# 4717

Delta R.T. -0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

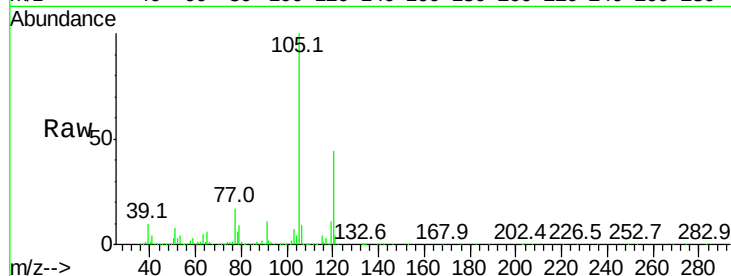
VL0713ABS01

Tgt Ion:105 Resp: 5527193

Ion Ratio Lower Upper

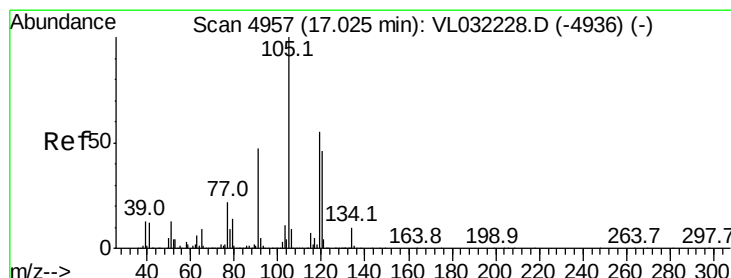
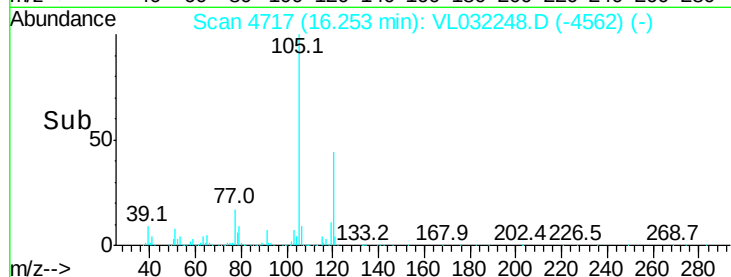
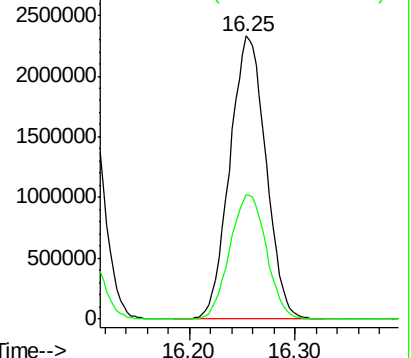
105 100

120 44.1 36.6 54.8



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: 7.778 ppbv

RT: 17.03 min Scan# 4957

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Tgt Ion:105 Resp: 5364669

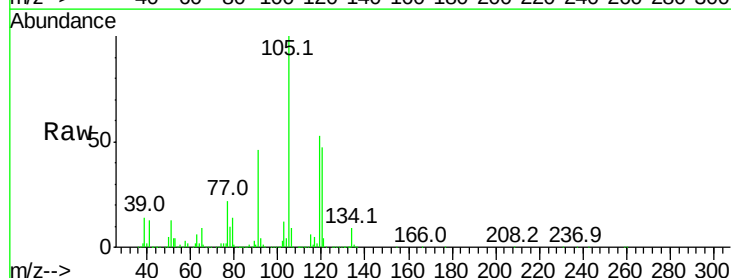
Ion Ratio Lower Upper

105 100

120 47.0 37.0 55.4

91 45.5 38.2 57.2

77 21.8 17.7 26.5

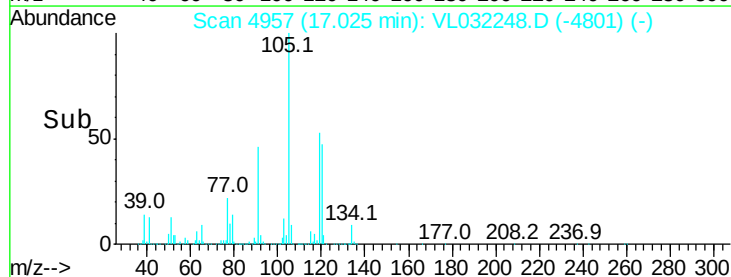
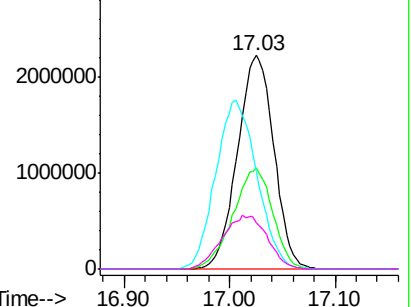


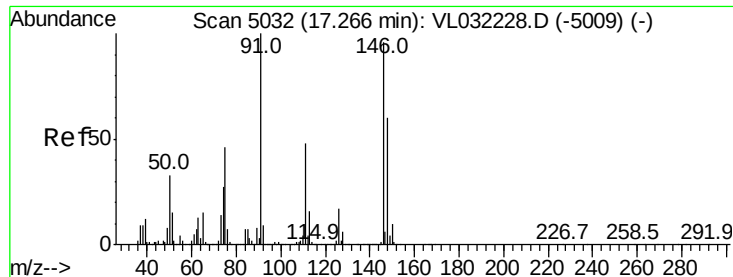
Abundance Ion 105.10 (104.80 to 105.80): V

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: 7.138 ppbv

RT: 17.26 min Scan# 5031

Delta R.T. -0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

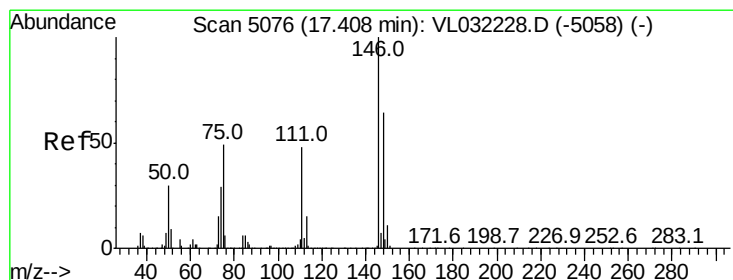
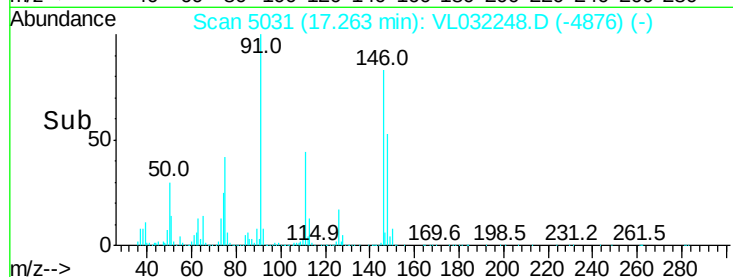
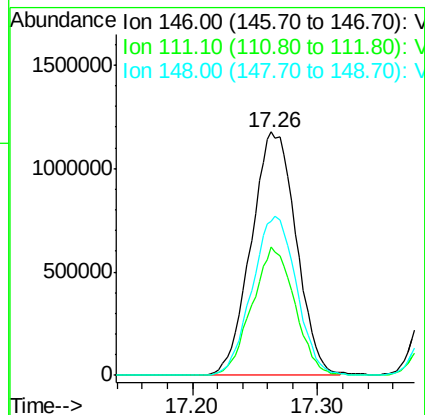
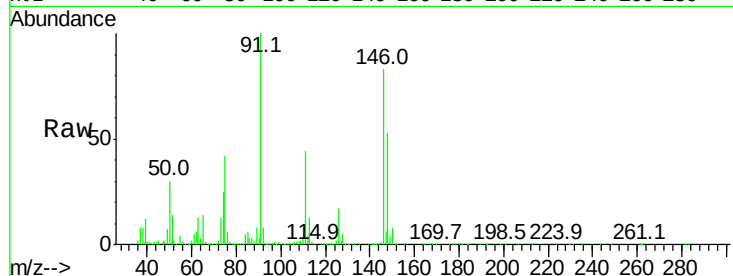
Tgt Ion:146 Resp: 2936688

Ion Ratio Lower Upper

146 100

111 49.9 24.9 74.7

148 64.4 31.9 95.5



#76

1,4-Dichlorobenzene

Concen: 7.517 ppbv

RT: 17.41 min Scan# 5077

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

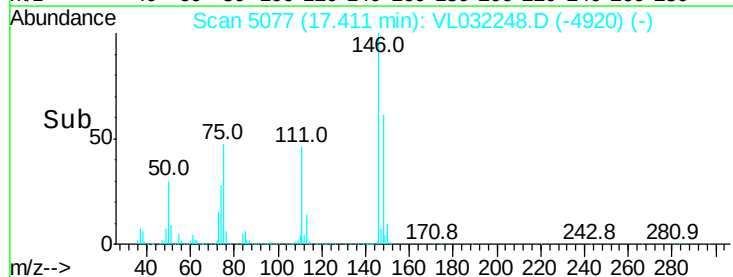
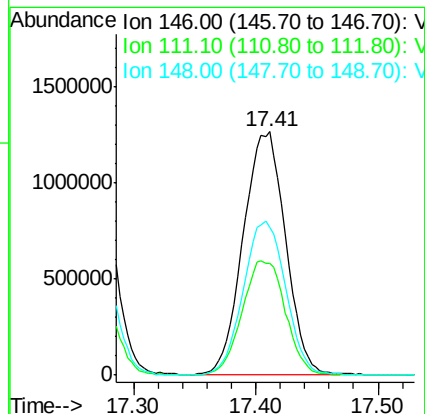
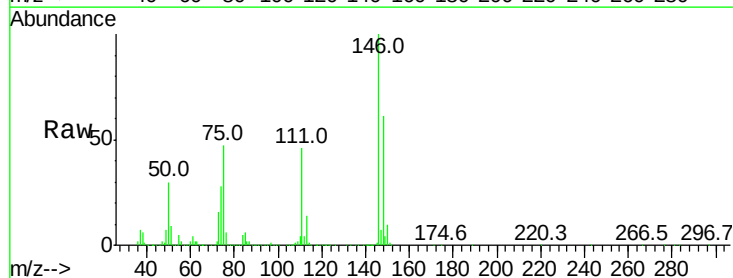
Tgt Ion:146 Resp: 3029075

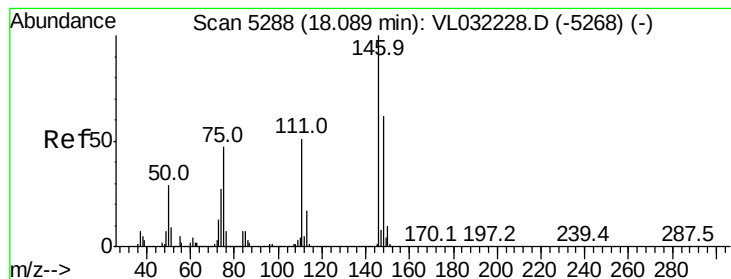
Ion Ratio Lower Upper

146 100

111 48.3 24.6 73.6

148 63.9 32.3 96.9





#77

1,2-Dichlorobenzene

Concen: 7.248 ppbv

RT: 18.09 min Scan# 5288

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

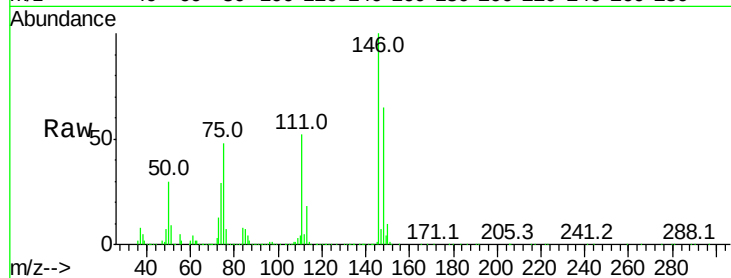
Tgt Ion:146 Resp: 2963625

Ion Ratio Lower Upper

146 100

111 51.9 26.1 78.3

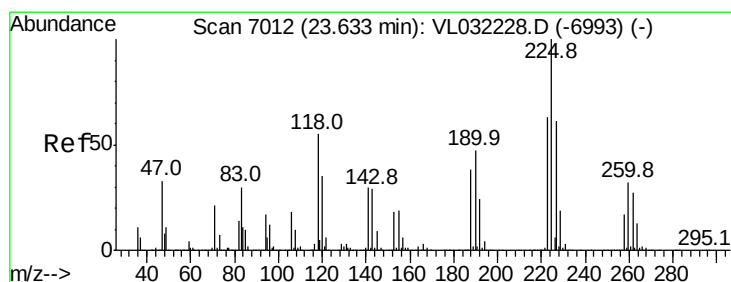
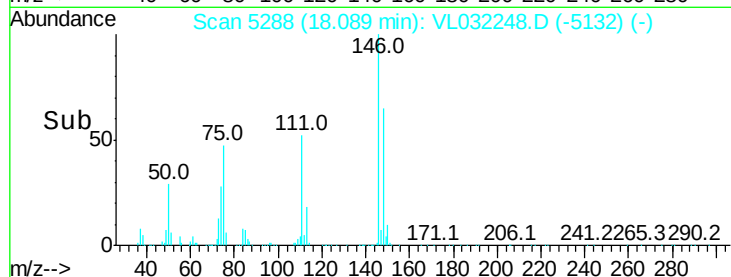
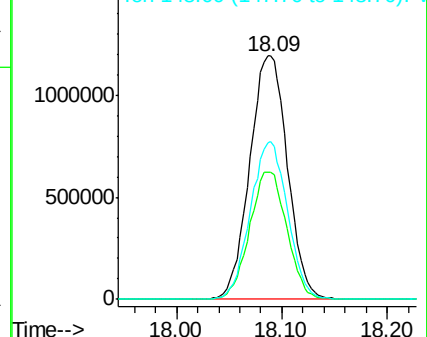
148 64.1 32.0 96.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 6.612 ppbv

RT: 23.63 min Scan# 7012

Delta R.T. 0.00 min

Lab File: VL032248.D

Acq: 13 Jul 2018 16:01

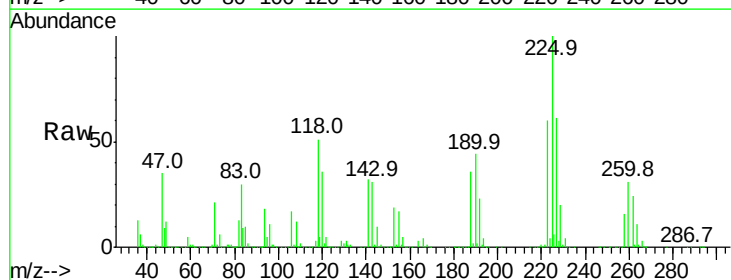
Tgt Ion:225 Resp: 842605

Ion Ratio Lower Upper

225 100

223 63.3 50.3 75.5

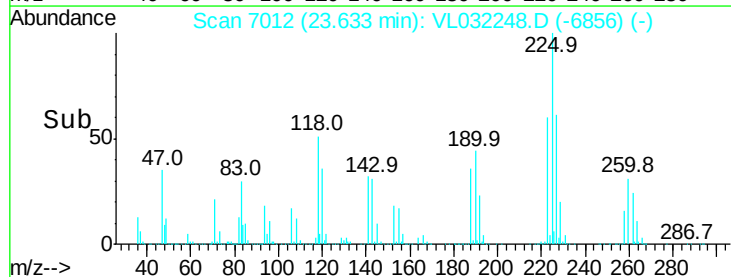
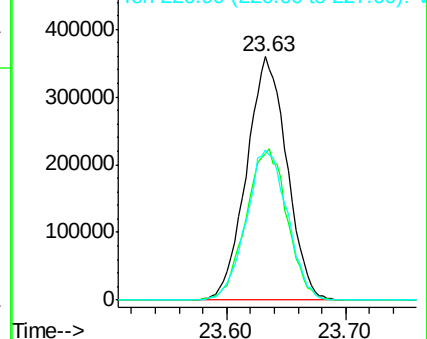
227 63.0 50.9 76.3

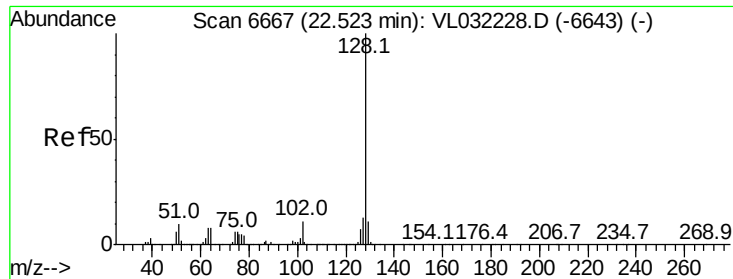


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V

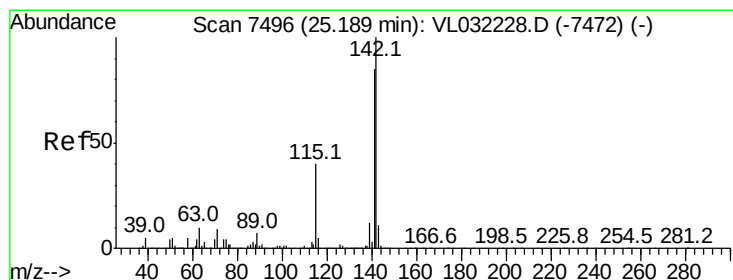
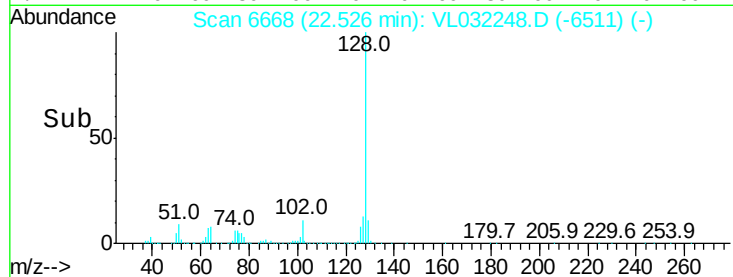
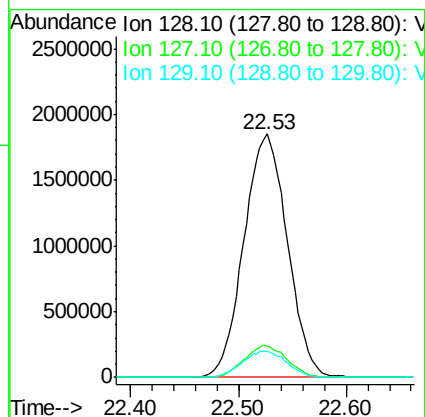
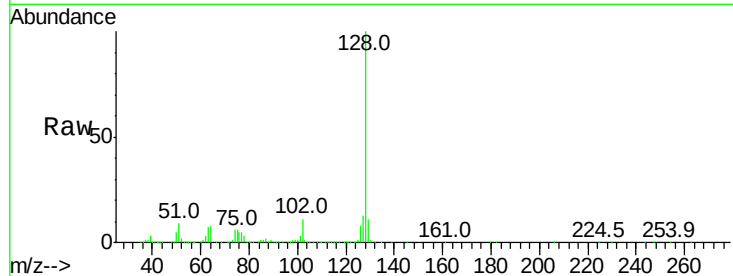




#79
Naphthalene
Concen: 11.145 ppbv
RT: 22.53 min Scan# 6668
Delta R.T. 0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

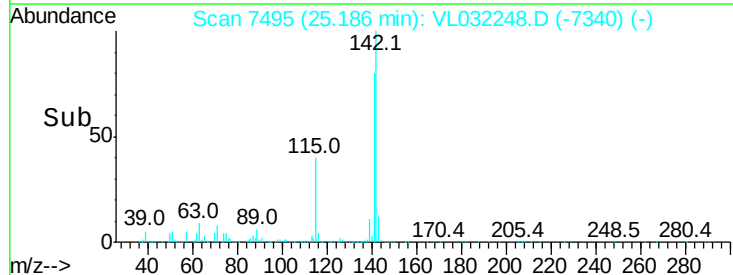
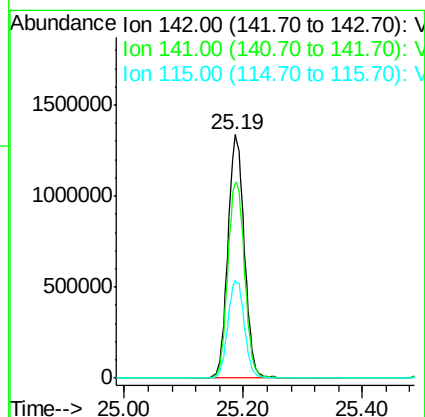
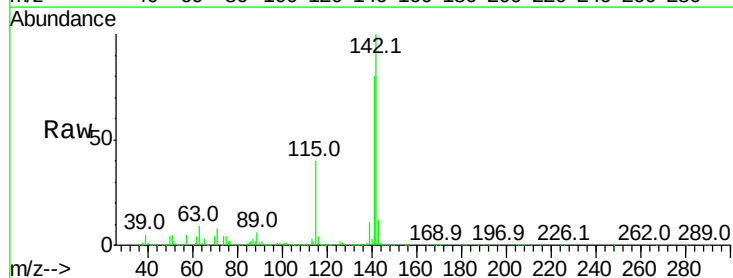
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

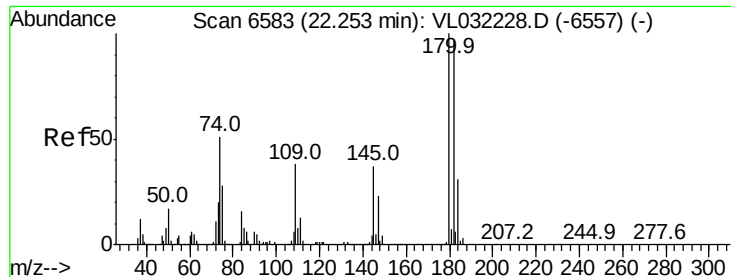
Tgt Ion:128 Resp: 5160331
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.5 9.0 13.4



#80
Naphthalene, 2-methyl-
Concen: 17.241 ppbv
RT: 25.19 min Scan# 7495
Delta R.T. -0.00 min
Lab File: VL032248.D
Acq: 13 Jul 2018 16:01

Tgt Ion:142 Resp: 2550264
Ion Ratio Lower Upper
142 100
141 82.3 67.0 100.6
115 40.4 32.6 49.0





#81
 1,2,4-Trichlorobenzene
 Concen: 5.469 ppbv
 RT: 22.25 min Scan# 6582
 Delta R.T. -0.00 min
 Lab File: VL032248.D
 Acq: 13 Jul 2018 16:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01

Tgt Ion:180 Resp: 1267082
 Ion Ratio Lower Upper
 180 100
 182 176.7 76.1 114.1#
 184 56.1 24.2 36.4#

