

Data File : VL032701.D
Acq On : 30 Oct 2018 16:05
Operator : SY/AP
Sample : VL1030ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1030ABS01

Quant Time: Oct 31 05:08:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1455197	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3688968	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.26	117	3869027	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.60	95	2773115	9.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.09	85	1911037	12.890	ppbv	100
3) Chlorodifluoromethane	3.02	51	1107942	9.736	ppbv	100
4) Chloromethane	3.18	50	650298	10.225	ppbv	98
5) Vinyl Chloride	3.30	62	645065	9.364	ppbv	100
6) Bromomethane	3.53	94	413710	9.632	ppbv	92
7) Chloroethane	3.61	64	244692	9.646	ppbv	94
8) Dichlorotetrafluoroethane	3.23	85	1520909	9.733	ppbv	92
9) Propene	3.05	41	508168	10.851	ppbv	98
10) Heptane	8.26	43	1965838	10.892	ppbv	98
11) Trichlorofluoromethane	4.02	101	1732527	8.946	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.57	101	1567287	9.731	ppbv	93
13) Ethanol	3.66	45	125479	9.374	ppbv	100
14) Bromoethene	3.80	108	533946	9.810	ppbv	100
15) Acetone	3.91	43	1141565	8.495	ppbv	99
16) 1,3-Butadiene	3.37	39	544298	11.011	ppbv	81
17) tert-Butyl alcohol	4.38	59	452715	11.455	ppbv #	100
18) 1,1-Dichloroethene	4.36	96	734027	10.374	ppbv	98
19) Isopropyl Alcohol	4.04	45	870408	9.095	ppbv #	97
20) Methylene Chloride	4.42	84	628311	9.211	ppbv	97
21) Allyl Chloride	4.49	41	1200374	10.880	ppbv	100
22) trans-1,2-Dichloroethene	4.98	96	746744	10.290	ppbv	87
23) Vinyl Acetate	5.17	43	2562309	10.761	ppbv	99
24) 1,1-Dichloroethane	5.11	63	1927962	10.314	ppbv	100
25) Ethyl Acetate	5.79	43	3119719	10.086	ppbv	99
26) Hexane	5.80	57	1444573	9.871	ppbv	98
27) Carbon Disulfide	4.63	76	1720667	9.692	ppbv	99
28) Methyl tert-Butyl Ether	5.13	73	2367461	11.256	ppbv	99
29) Chloroform	5.87	83	2377950	10.172	ppbv	100
30) Cyclohexane	7.26	84	1322823	11.419	ppbv	96
31) cis-1,2-Dichloroethene	5.66	61	1464331	10.791	ppbv	97
32) 1,1,1-Trichloroethane	6.64	97	2369353	9.973	ppbv	98
34) 2-Butanone	5.34	43	2028280	10.257	ppbv	100
35) Carbon Tetrachloride	7.16	117	2558886	9.774	ppbv	100
36) Benzene	7.02	78	3119253	10.413	ppbv	99
37) 1,2-Dichloroethane	6.43	62	1829256	9.956	ppbv	98
38) Trichloroethene	7.98	130	1214827	10.955	ppbv	95
39) 1,2-Dichloropropane	7.76	63	1198842	10.364	ppbv	99
40) 1,4-Dioxane	7.98	88	448234	11.346	ppbv #	97
41) Tetrahydrofuran	6.16	42	1250908	11.352	ppbv	99
42) Bromodichloromethane	7.94	83	2620342	10.179	ppbv	97
43) Methyl Methacrylate	8.16	69	1268047	11.550	ppbv	96

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QLast Update : Thu Oct 25 05:15:43 2018

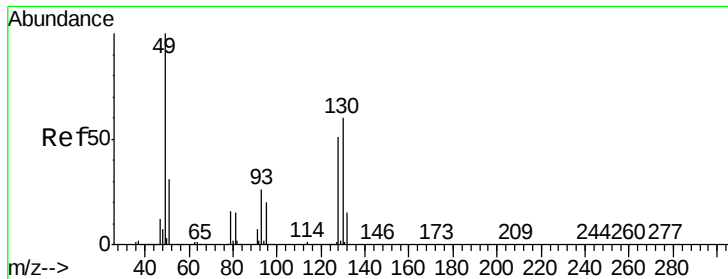
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	8.01	57	5252063	10.270	ppbv	99
45) t-1,3-Dichloropropene	9.43	75	1832199	12.467	ppbv	98
46) cis-1,3-Dichloropropene	8.86	75	1919842	11.434	ppbv	99
47) 1,1,2-Trichloroethane	9.64	97	1385200	10.134	ppbv	98
48) Dibromochloromethane	10.47	129	2222405	9.754	ppbv	100
49) Bromoform	13.22	173	1859799	10.388	ppbv	99
50) 4-Methyl-2-Pentanone	8.89	43	3258003	11.121	ppbv	99
51) 2-Hexanone	10.29	43	2337946	10.735	ppbv #	98
52) Tetrachloroethene	11.40	164	1059519	10.145	ppbv	97
53) Toluene	9.97	91	3946270	11.492	ppbv	100
54) 1,2-Dibromoethane	10.78	107	1919645	10.333	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.30	131	1592800	9.415	ppbv #	61
57) Chlorobenzene	12.32	112	2739188	9.627	ppbv	94
58) Ethyl Benzene	12.88	91	4877281	10.851	ppbv	98
59) m/p-Xylene	13.17	91	4228453	10.564	ppbv #	34
60) o-Xylene	13.87	91	3857593	9.991	ppbv	100
61) Styrene	13.71	104	2978128	11.504	ppbv	97
62) Isopropylbenzene	14.85	105	5422171	9.923	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.86	83	2628768	8.690	ppbv	99
64) n-propylbenzene	15.74	120	1381279	10.171	ppbv	95
65) tert-Butylbenzene	16.93	119	4569915	9.820	ppbv	96
66) Benzyl Chloride	17.17	91	2674797	11.132	ppbv	99
67) sec-Butylbenzene	17.48	105	6445635	9.738	ppbv	98
69) p-Isopropyltoluene	17.84	119	5219969	9.952	ppbv	98
70) n-Butylbenzene	18.73	91	5269487	9.759	ppbv	99
71) 2-Chlorotoluene	15.64	91	4025937	10.367	ppbv	98
72) 4-Ethyltoluene	16.02	105	4382206	10.656	ppbv	99
73) 1,3,5-Trimethylbenzene	16.18	105	4100853	10.238	ppbv	100
74) 1,2,4-Trimethylbenzene	16.95	105	4132505	9.661	ppbv #	92
75) 1,3-Dichlorobenzene	17.18	146	2301664	9.358	ppbv	99
76) 1,4-Dichlorobenzene	17.33	146	2260944	9.961	ppbv	98
77) 1,2-Dichlorobenzene	18.01	146	2171188	9.317	ppbv	98
78) Hexachloro-1,3-Butadiene	23.56	225	995839	9.044	ppbv	100
79) Naphthalene	22.44	128	3448831	12.972	ppbv	100
80) Naphthalene, 2-methyl-	25.13	142	1105270	17.096	ppbv	99
81) 1,2,4-Trichlorobenzene	22.16	180	1634490	11.871	ppbv	99

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.78 min Scan# 885

Delta R.T. 0.00 min

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ClientSampleId :

VL1030ABS01

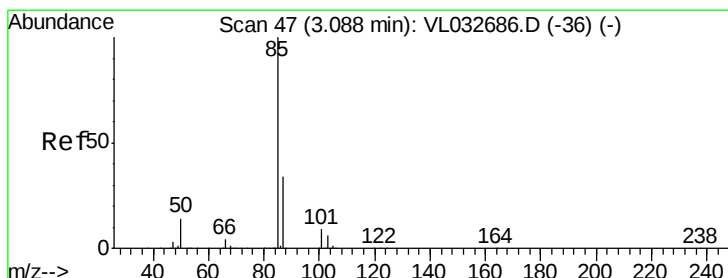
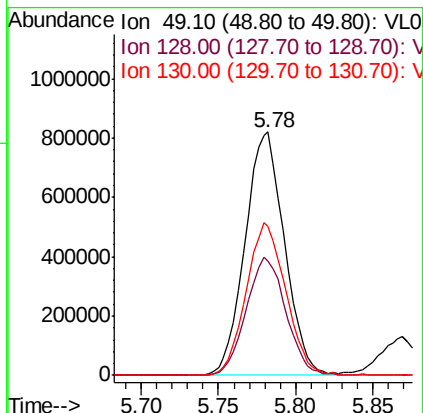
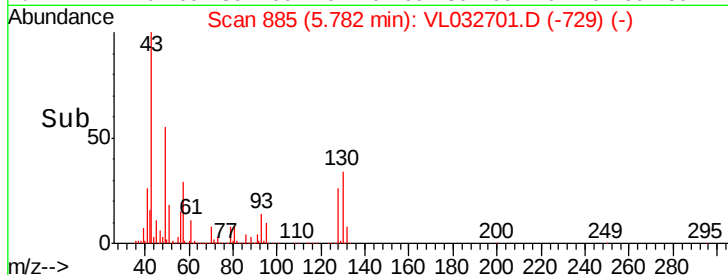
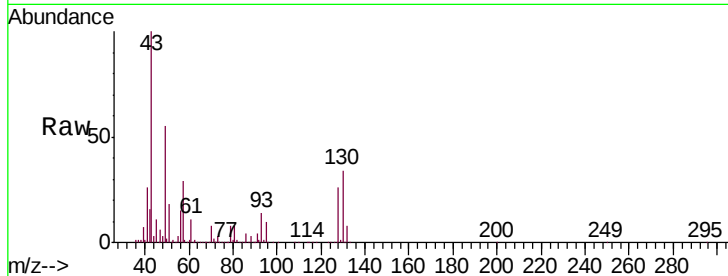
Tgt Ion: 49 Resp: 1455197

Ion Ratio Lower Upper

49 100

128 49.1 22.3 66.8

130 63.4 28.4 85.3



#2

Dichlorodifluoromethane

Concen: 12.890 ppbv

RT: 3.09 min Scan# 47

Delta R.T. 0.00 min

Lab File: VL032701.D

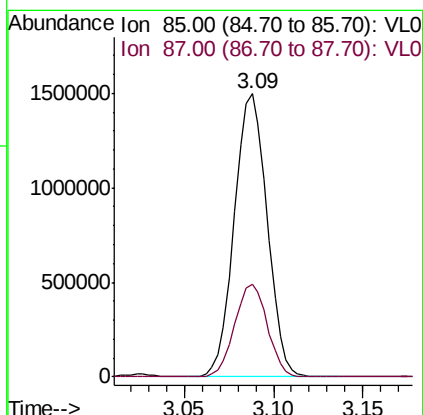
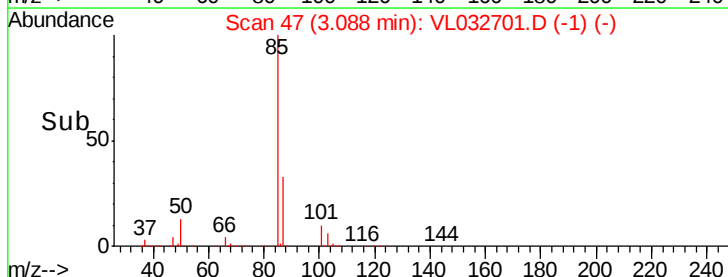
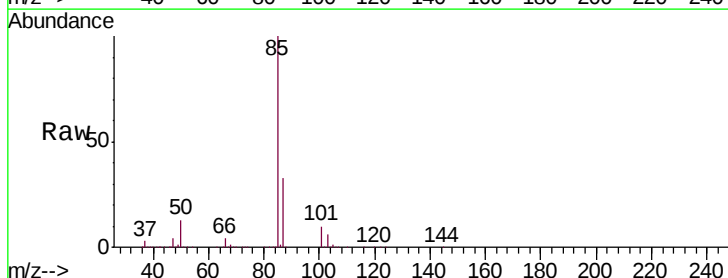
Acq: 30 Oct 2018 16:05

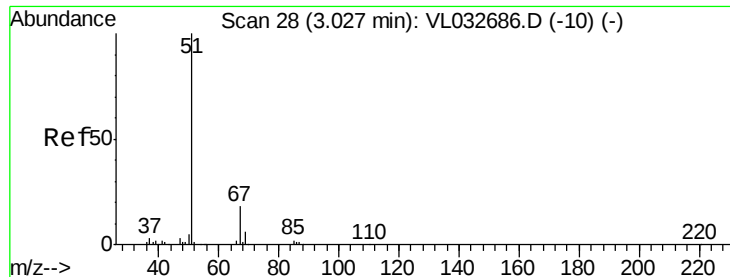
Tgt Ion: 85 Resp: 1911037

Ion Ratio Lower Upper

85 100

87 32.6 26.2 39.2

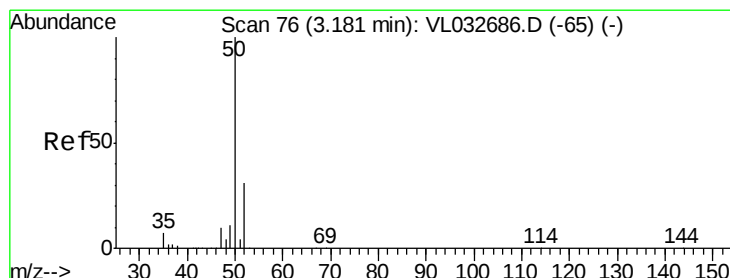
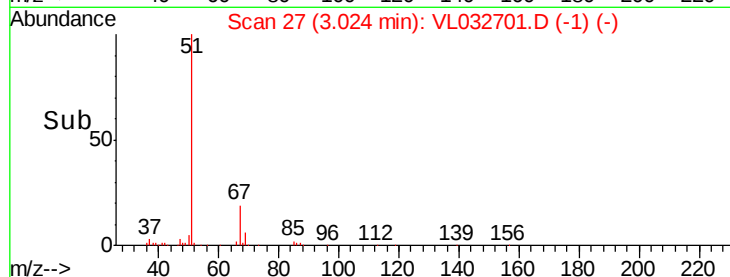
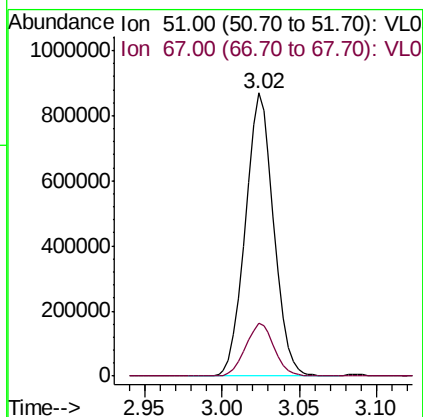
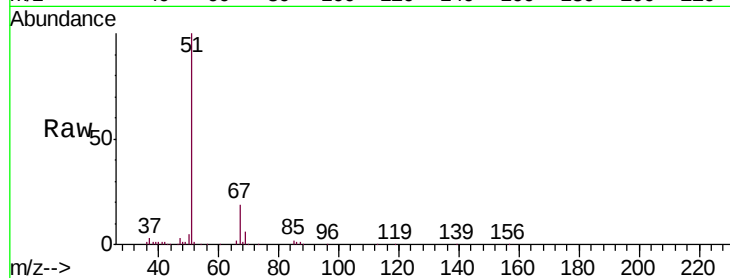




#3
 Chlorodifluoromethane
 Concen: 9.736 ppbv
 RT: 3.02 min Scan# 27
 Delta R.T. -0.00 min
 Lab File: VL032701.D
 Acq: 30 Oct 2018 16:05

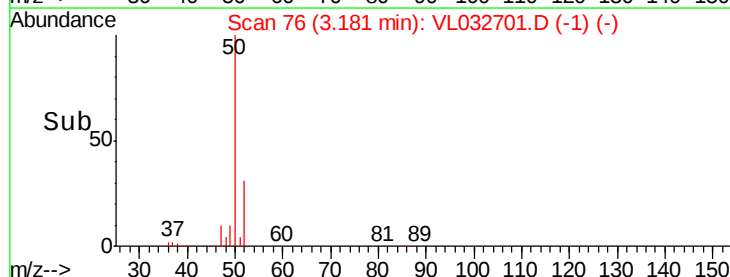
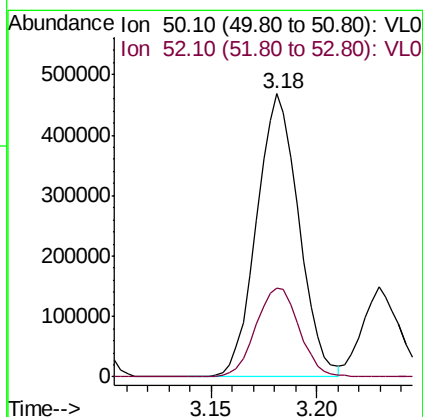
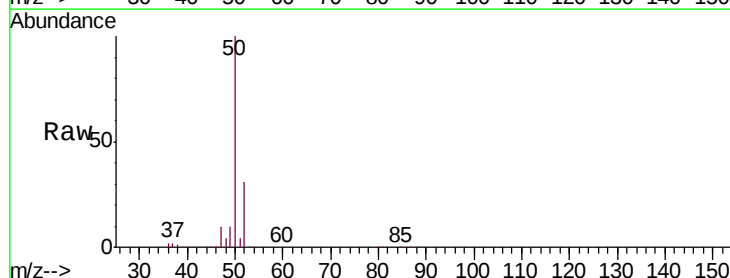
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1030ABS01

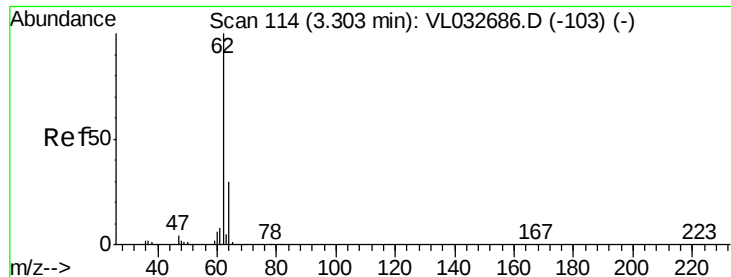
Tgt Ion: 51 Resp: 1107942
 Ion Ratio Lower Upper
 51 100
 67 18.9 15.2 22.8



#4
 Chloromethane
 Concen: 10.225 ppbv
 RT: 3.18 min Scan# 76
 Delta R.T. 0.00 min
 Lab File: VL032701.D
 Acq: 30 Oct 2018 16:05

Tgt Ion: 50 Resp: 650298
 Ion Ratio Lower Upper
 50 100
 52 31.5 25.9 38.9





#5

Vinyl Chloride

Concen: 9.364 ppbv

RT: 3.30 min Scan# 114

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Instrument :

MSVOA_L

ClientSampleId :

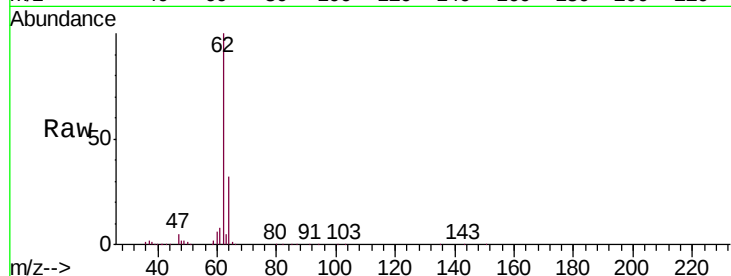
VL1030ABS01

Tgt Ion: 62 Resp: 645065

Ion Ratio Lower Upper

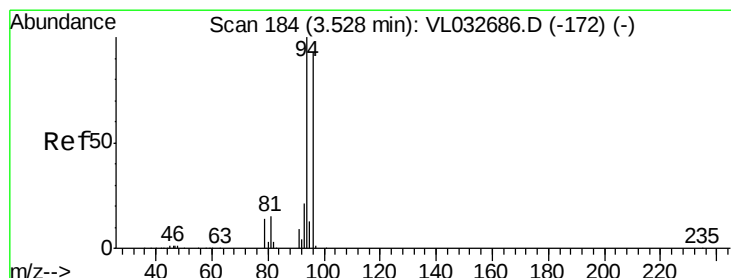
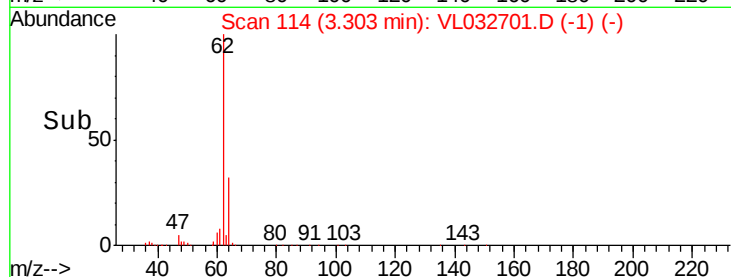
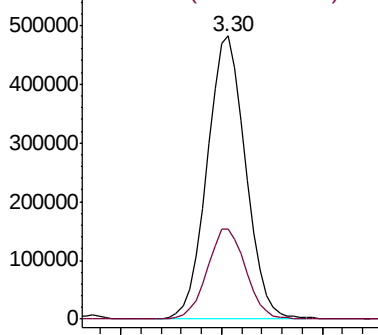
62 100

64 31.7 25.5 38.3



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.632 ppbv

RT: 3.53 min Scan# 183

Delta R.T. 0.00 min

Lab File: VL032701.D

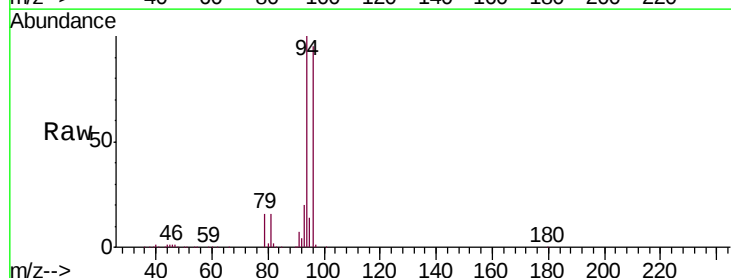
Acq: 30 Oct 2018 16:05

Tgt Ion: 94 Resp: 413710

Ion Ratio Lower Upper

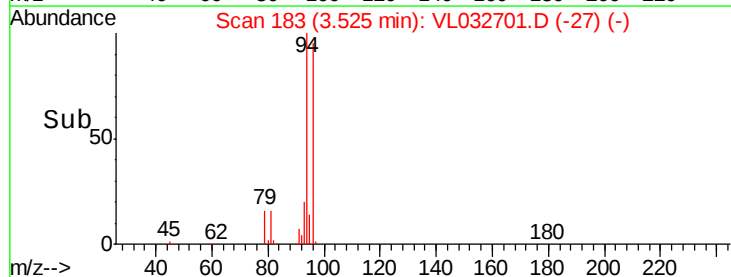
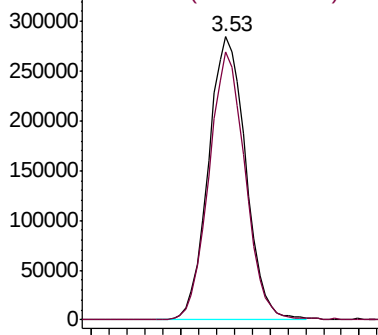
94 100

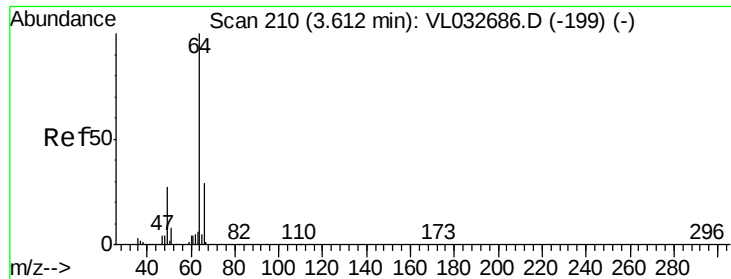
96 94.6 69.8 104.8



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.646 ppbv

RT: 3.61 min Scan# 210

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Instrument :

MSVOA_L

ClientSampleId :

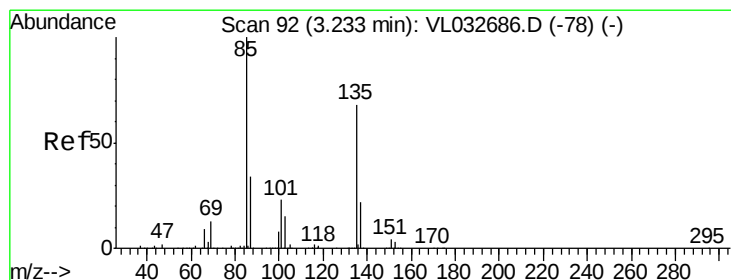
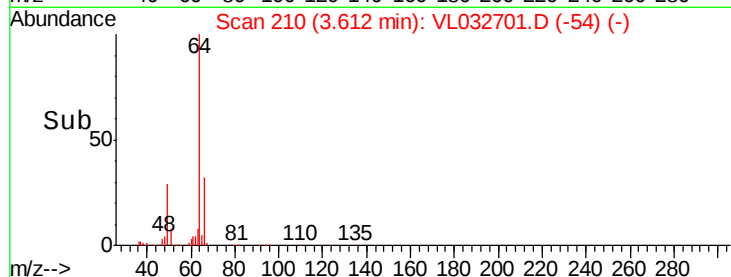
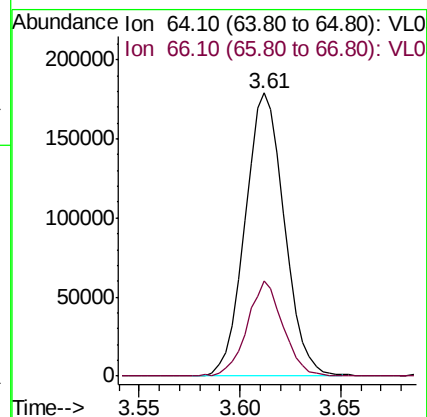
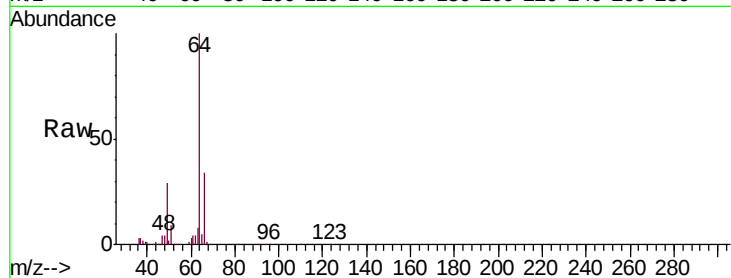
VL1030ABS01

Tgt Ion: 64 Resp: 244692

Ion Ratio Lower Upper

64 100

66 33.8 24.4 36.6



#8

Dichlorotetrafluoroethane

Concen: 9.733 ppbv

RT: 3.23 min Scan# 91

Delta R.T. -0.00 min

Lab File: VL032701.D

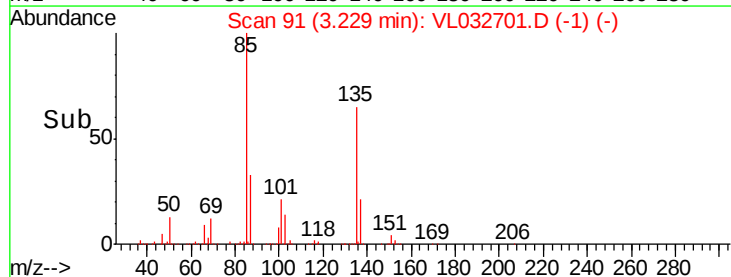
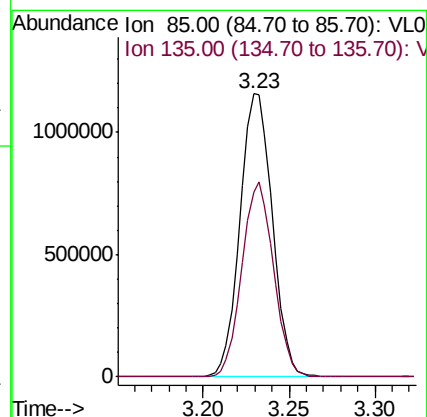
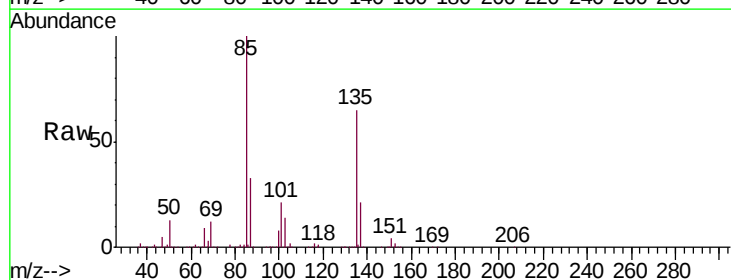
Acq: 30 Oct 2018 16:05

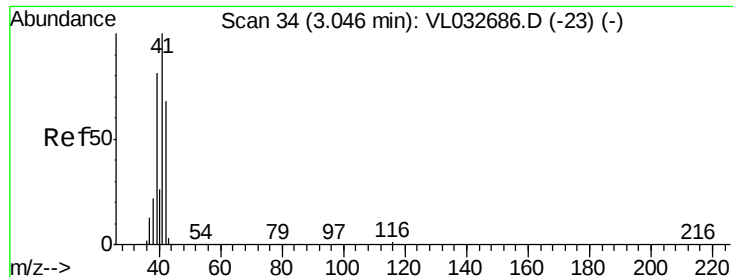
Tgt Ion: 85 Resp: 1520909

Ion Ratio Lower Upper

85 100

135 67.4 49.0 73.4





#9

Propene

Concen: 10.851 ppbv

RT: 3.05 min Scan# 34

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Instrument :

MSVOA_L

ClientSampleId :

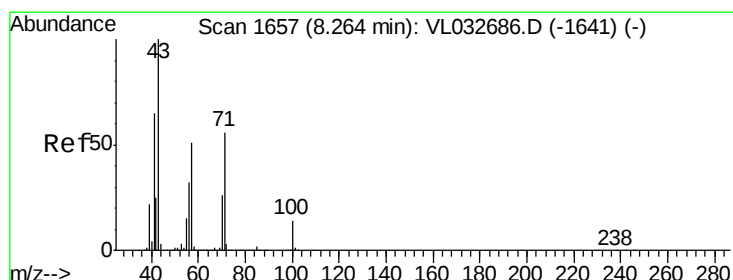
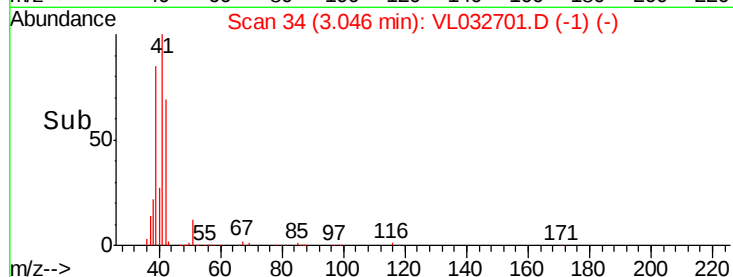
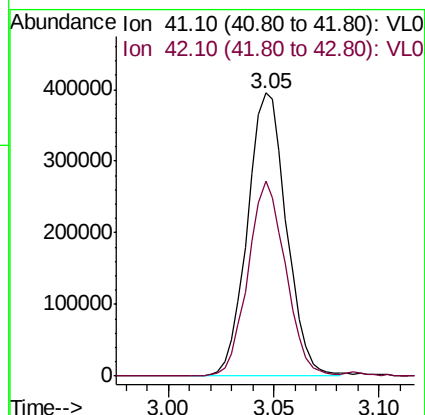
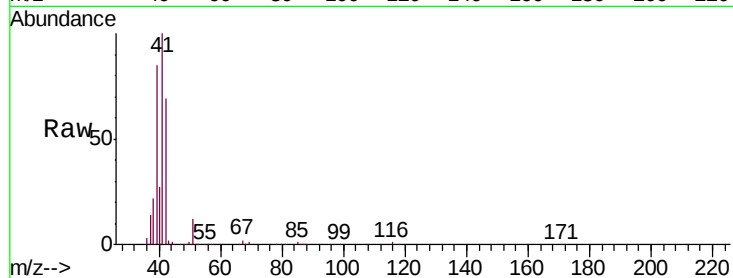
VL1030ABS01

Tgt Ion: 41 Resp: 508168

Ion Ratio Lower Upper

41 100

42 67.8 55.4 83.0



#10

Heptane

Concen: 10.892 ppbv

RT: 8.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VL032701.D

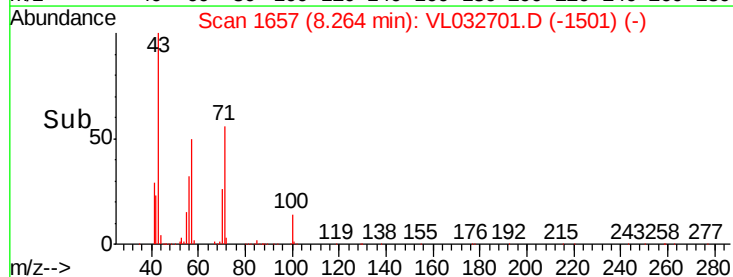
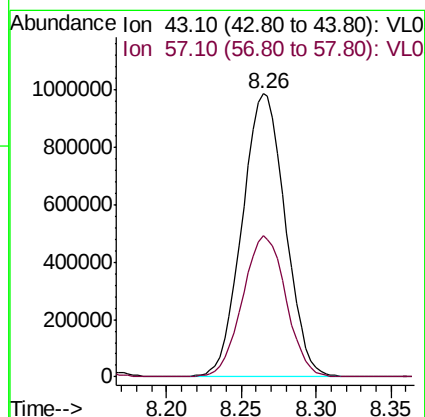
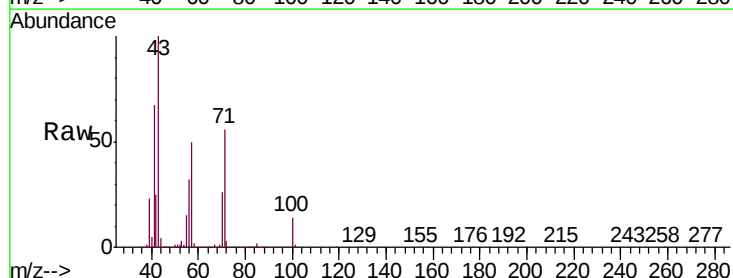
Acq: 30 Oct 2018 16:05

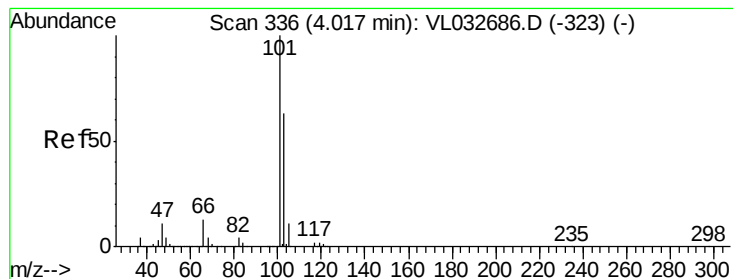
Tgt Ion: 43 Resp: 1965838

Ion Ratio Lower Upper

43 100

57 50.6 41.5 62.3





#11

Trichlorofluoromethane

Concen: 8.946 ppbv

RT: 4.02 min Scan# 336

Delta R.T. 0.00 min

Lab File: VL032701.D

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ClientSampleId :

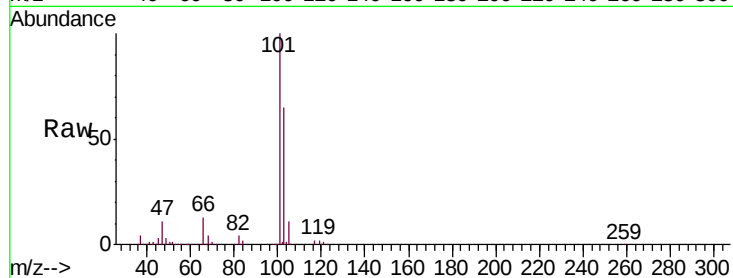
VL1030ABS01

Tgt Ion:101 Resp: 1732527

Ion Ratio Lower Upper

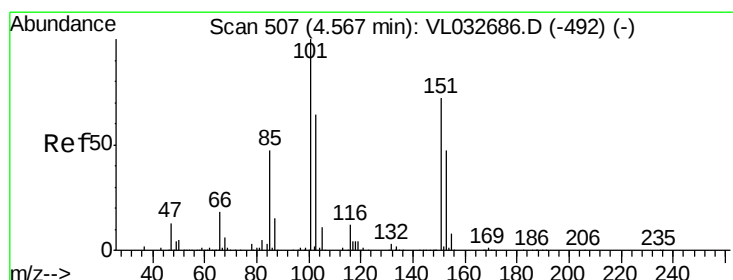
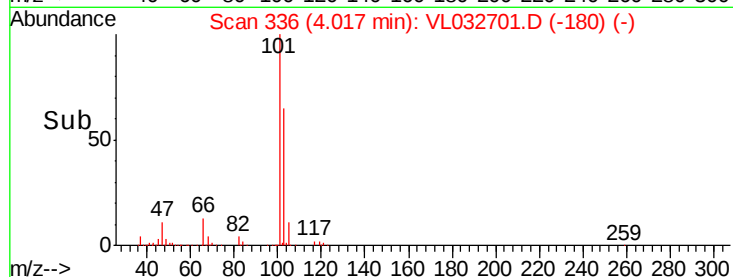
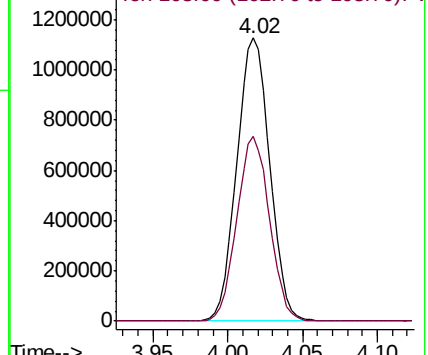
101 100

103 65.3 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.731 ppbv

RT: 4.57 min Scan# 507

Delta R.T. 0.00 min

Lab File: VL032701.D

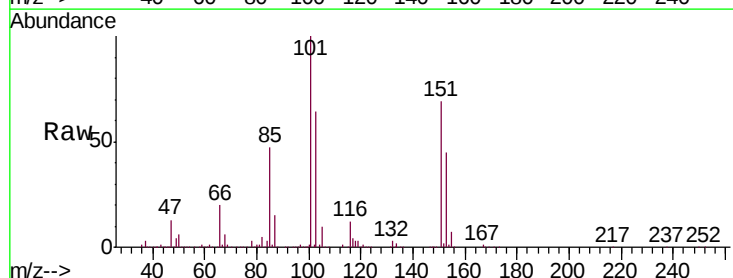
Acq: 30 Oct 2018 16:05

Tgt Ion:101 Resp: 1567287

Ion Ratio Lower Upper

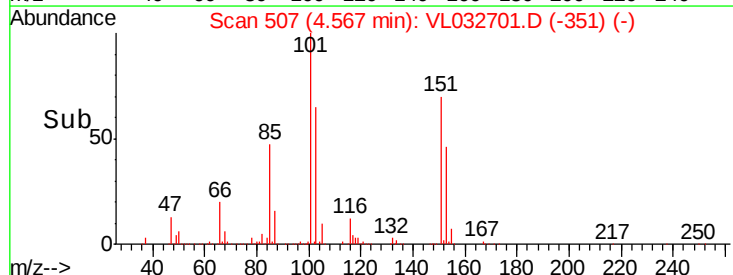
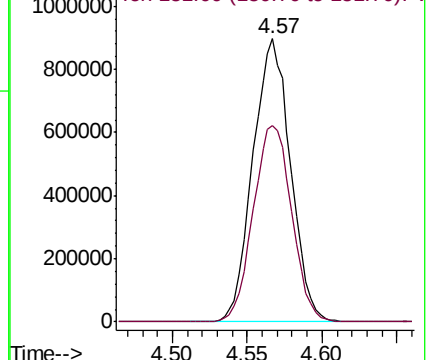
101 100

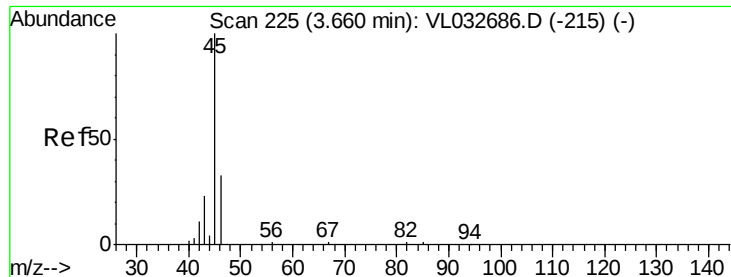
151 71.1 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 9.374 ppbv

RT: 3.66 min Scan# 226

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Instrument :

MSVOA_L

ClientSampleId :

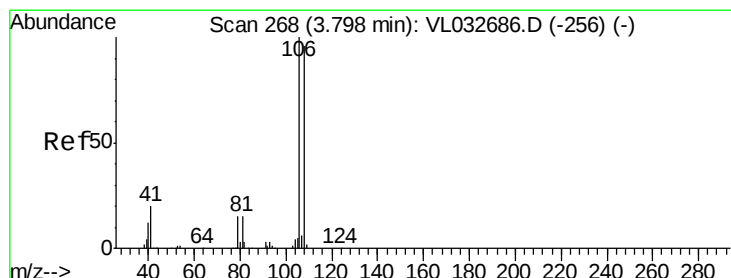
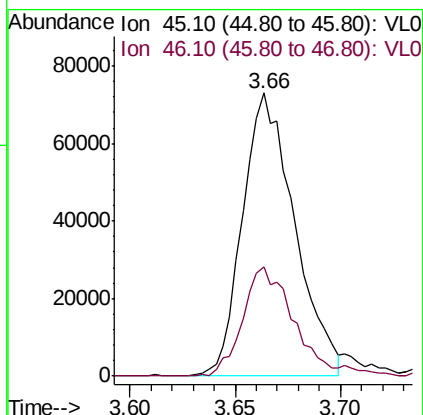
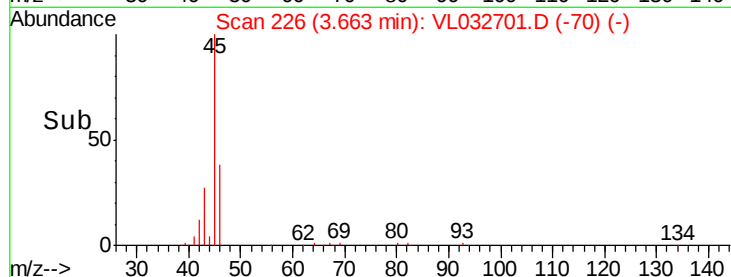
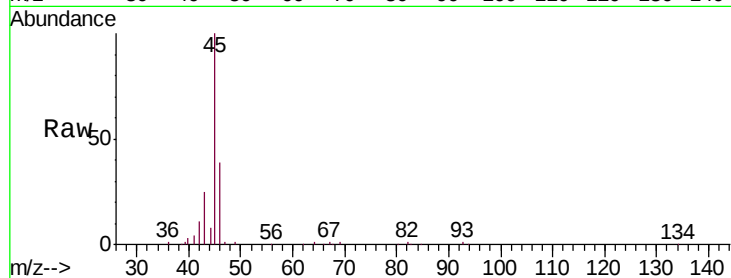
VL1030ABS01

Tgt Ion: 45 Resp: 125479

Ion Ratio Lower Upper

45 100

46 38.5 15.4 61.8



#14

Bromoethene

Concen: 9.810 ppbv

RT: 3.80 min Scan# 268

Delta R.T. -0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

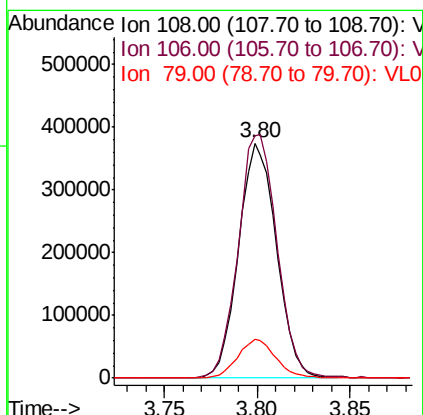
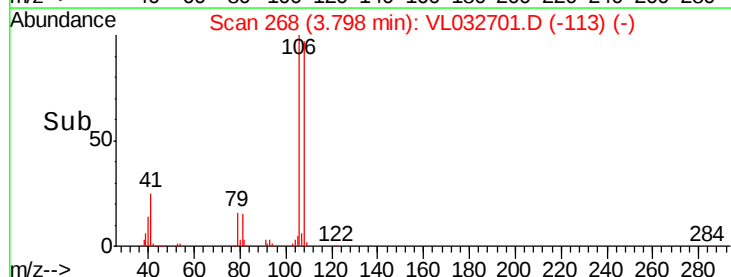
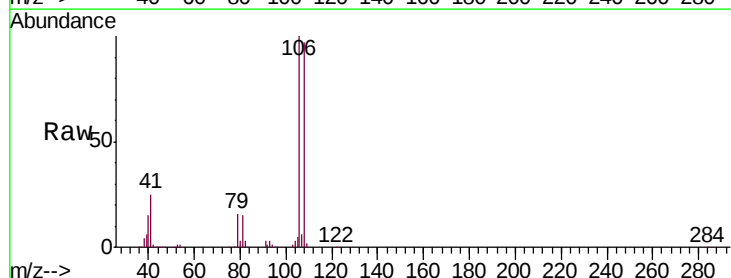
Tgt Ion: 108 Resp: 533946

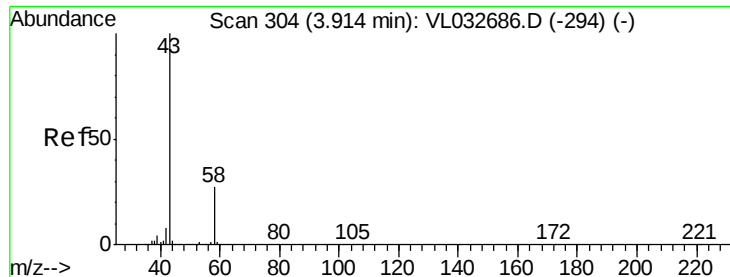
Ion Ratio Lower Upper

108 100

106 106.5 85.0 127.4

79 16.8 13.7 20.5





#15

Acetone

Concen: 8.495 ppbv

RT: 3.91 min Scan# 304

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Instrument :

MSVOA_L

ClientSampleId :

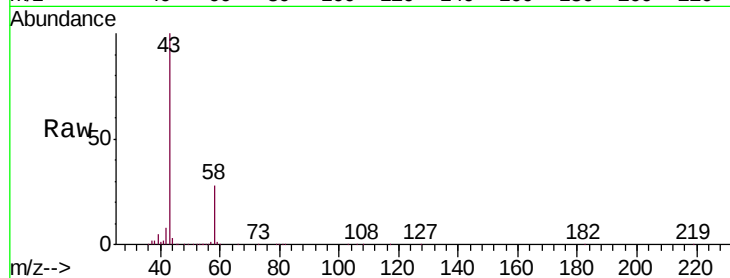
VL1030ABS01

Tgt Ion: 43 Resp: 1141565

Ion Ratio Lower Upper

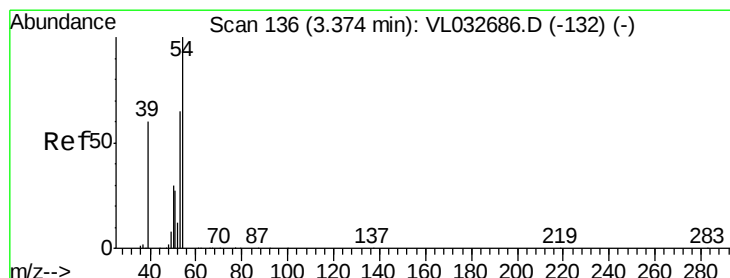
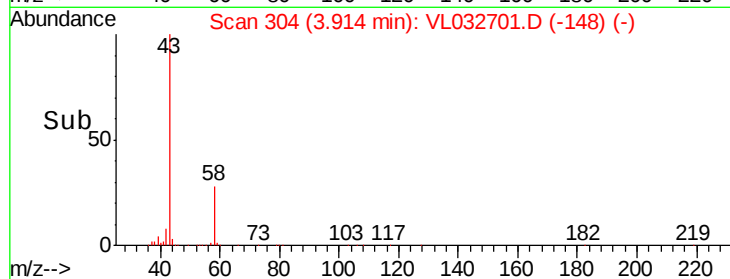
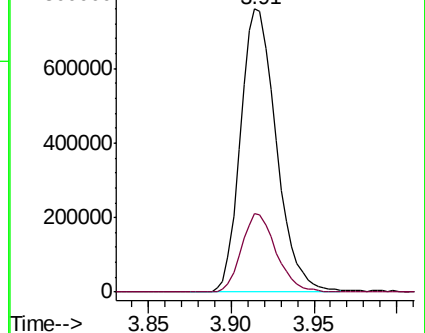
43 100

58 27.1 22.1 33.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 11.011 ppbv

RT: 3.37 min Scan# 136

Delta R.T. -0.00 min

Lab File: VL032701.D

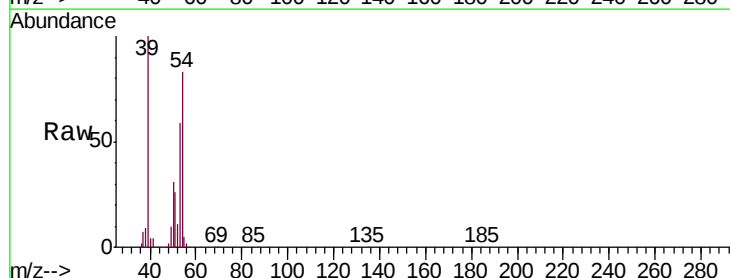
Acq: 30 Oct 2018 16:05

Tgt Ion: 39 Resp: 544298

Ion Ratio Lower Upper

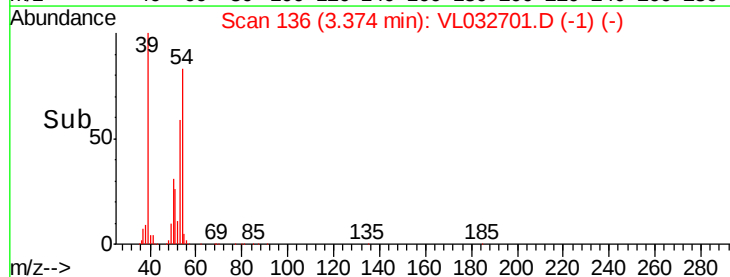
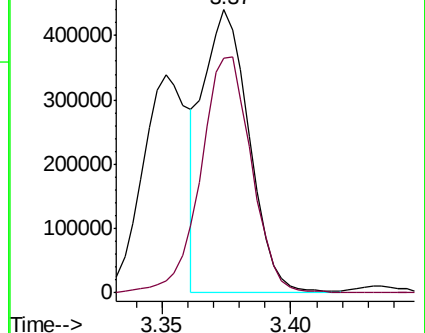
39 100

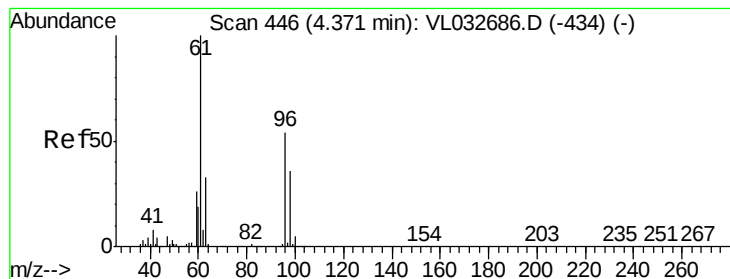
54 92.6 90.4 135.6



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 11.455 ppbv

RT: 4.38 min Scan# 448

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Instrument :

MSVOA_L

ClientSampleId :

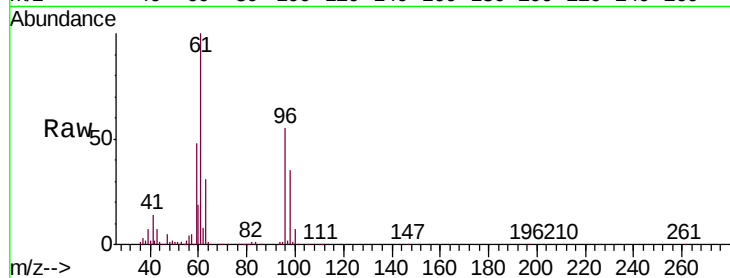
VL1030ABS01

Tgt Ion: 59 Resp: 452715

Ion Ratio Lower Upper

59 100

57 9.5 0.0 0.0#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

250000

200000

150000

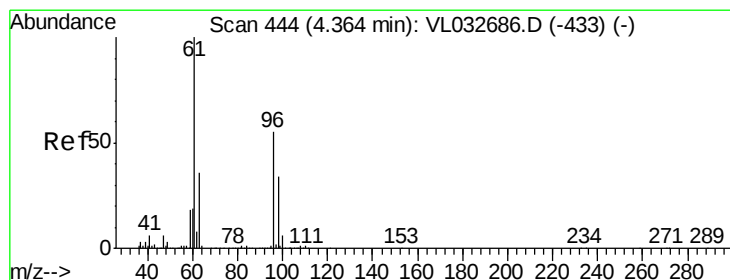
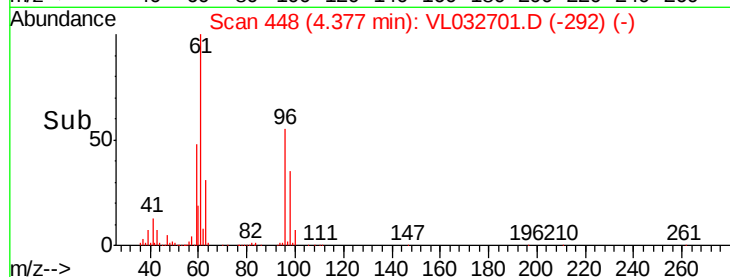
100000

50000

0

4.30 4.35 4.40 4.45

Time-->



#18

1,1-Dichloroethene

Concen: 10.374 ppbv

RT: 4.36 min Scan# 444

Delta R.T. -0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

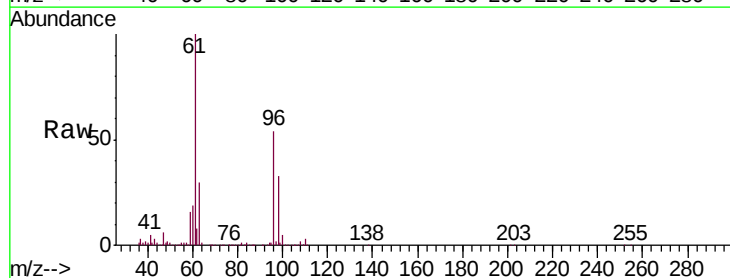
Tgt Ion: 96 Resp: 734027

Ion Ratio Lower Upper

96 100

61 186.2 151.6 227.4

98 61.1 50.6 75.8



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

1200000

1000000

800000

600000

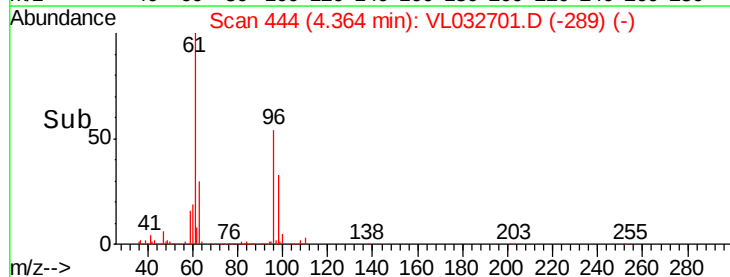
400000

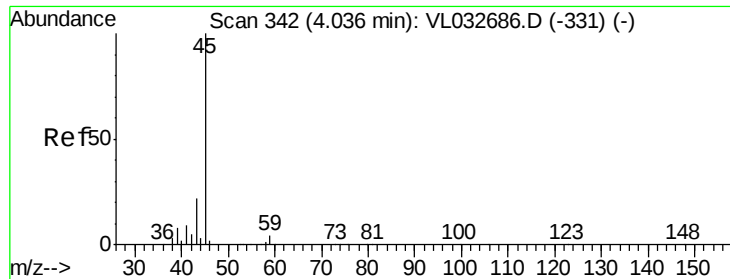
200000

0

4.30 4.35 4.40

Time-->





#19

Isopropyl Alcohol

Concen: 9.095 ppbv

RT: 4.04 min Scan# 343

Delta R.T. 0.01 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Instrument :

MSVOA_L

ClientSampleId :

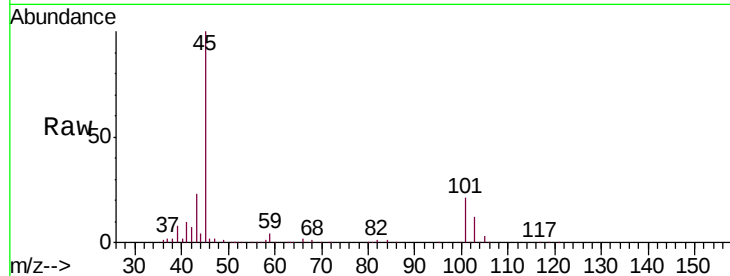
VL1030ABS01

Tgt Ion: 45 Resp: 870408

Ion Ratio Lower Upper

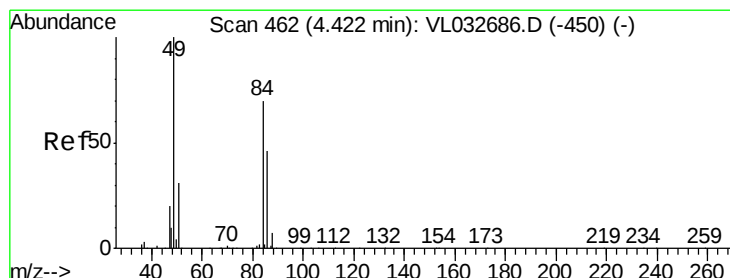
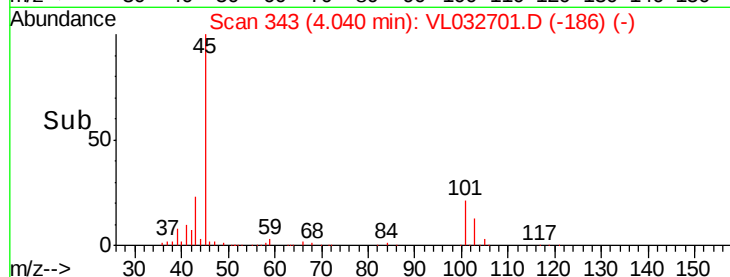
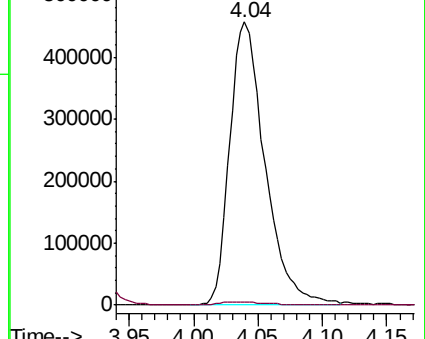
45 100

58 1.3 2.0 3.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 9.211 ppbv

RT: 4.42 min Scan# 462

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Tgt Ion: 84 Resp: 628311

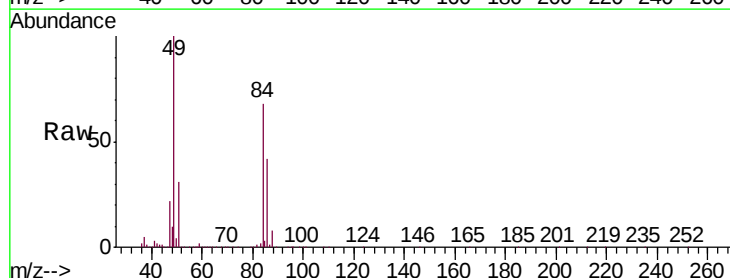
Ion Ratio Lower Upper

84 100

49 145.6 113.5 170.3

51 45.1 34.8 52.2

86 61.7 47.9 71.9

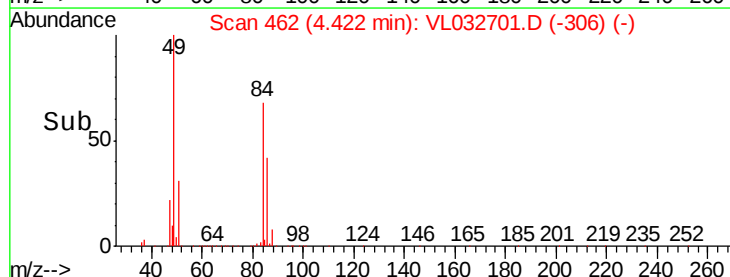
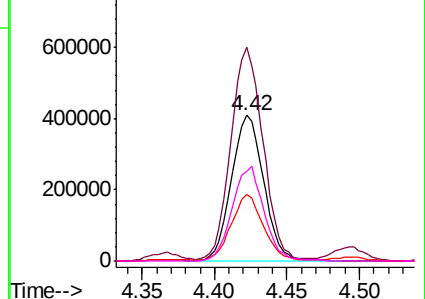


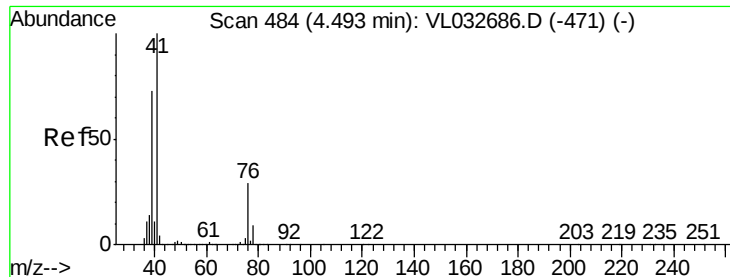
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#21

Allyl Chloride

Concen: 10.880 ppbv

RT: 4.49 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Instrument :

MSVOA_L

ClientSampleId :

VL1030ABS01

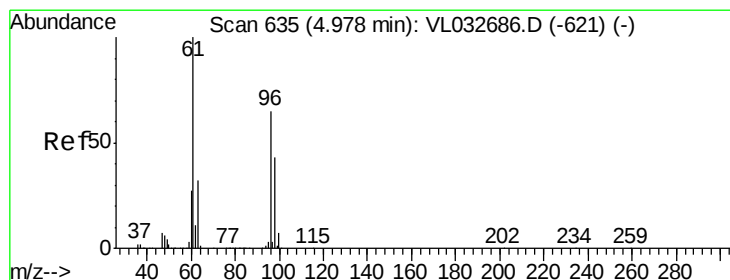
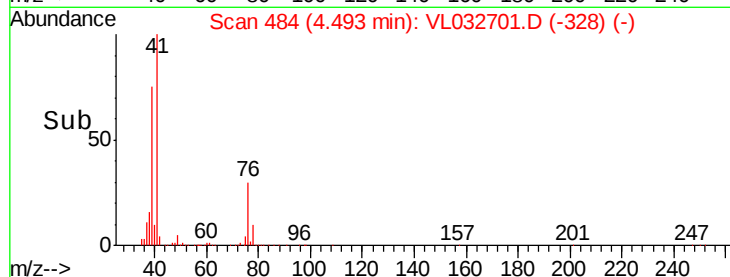
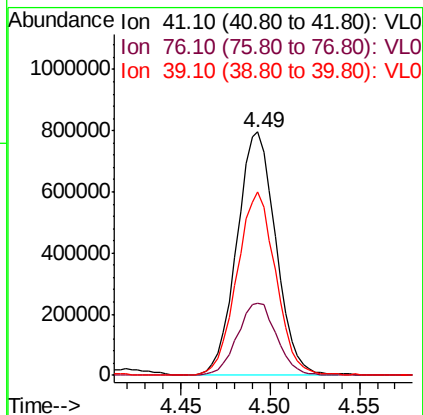
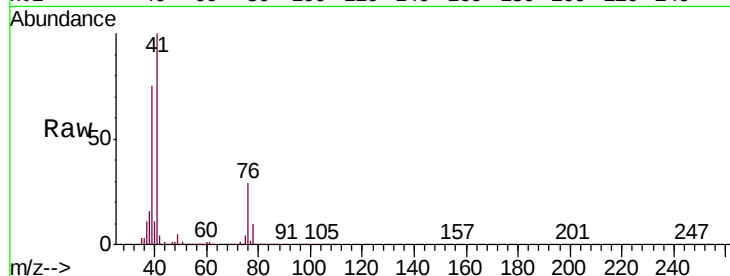
Tgt Ion: 41 Resp: 1200374

Ion Ratio Lower Upper

41 100

76 30.2 24.3 36.5

39 75.5 60.3 90.5



#22

trans-1,2-Dichloroethene

Concen: 10.290 ppbv

RT: 4.98 min Scan# 635

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

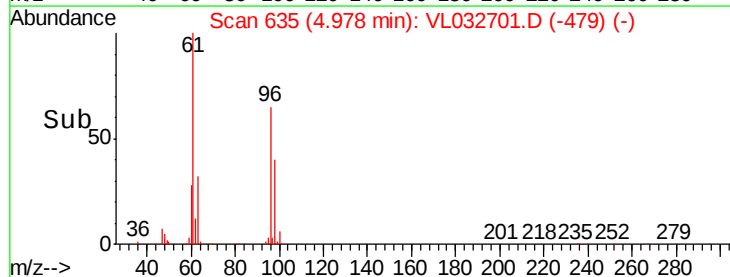
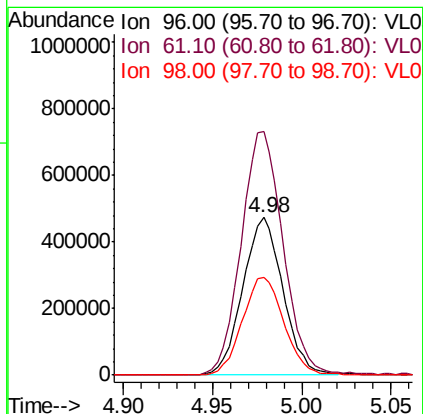
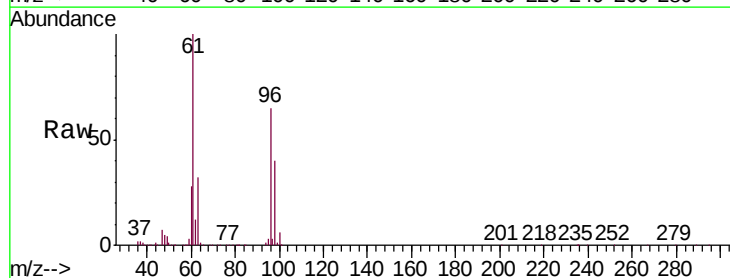
Tgt Ion: 96 Resp: 746744

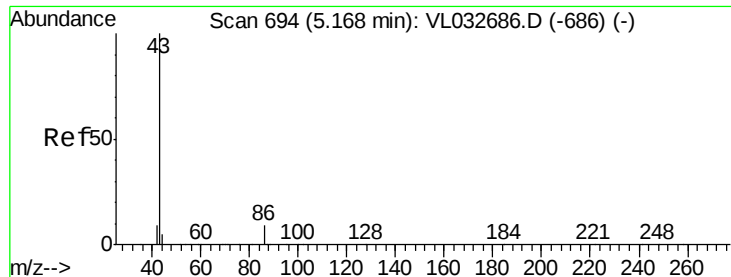
Ion Ratio Lower Upper

96 100

61 154.8 140.4 210.6

98 62.0 55.0 82.6





#23

Vinyl Acetate

Concen: 10.761 ppbv

RT: 5.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Instrument :

MSVOA_L

ClientSampleId :

VL1030ABS01

Tgt Ion: 43 Resp: 2562309

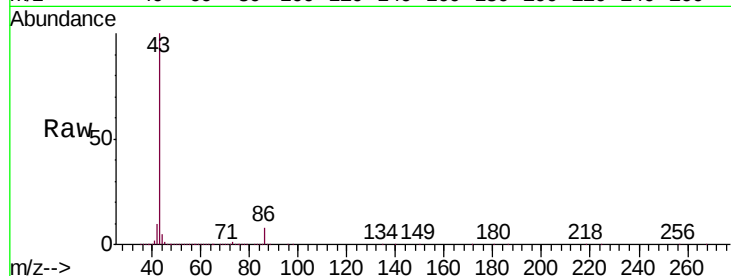
Ion Ratio Lower Upper

43 100

86 7.8 6.1 9.1

42 9.5 7.4 11.2

44 5.3 4.2 6.2

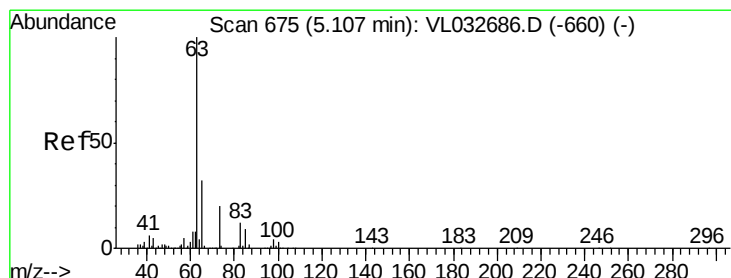
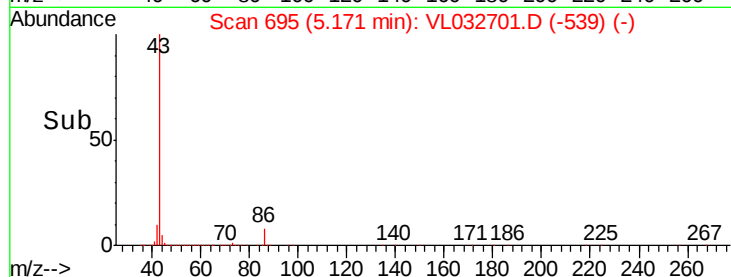
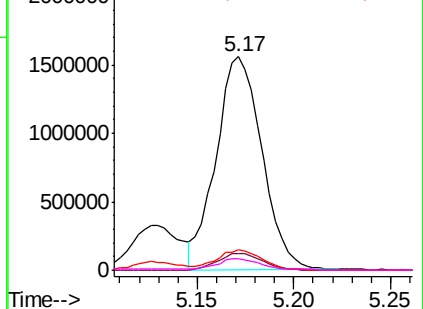


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 10.314 ppbv

RT: 5.11 min Scan# 675

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

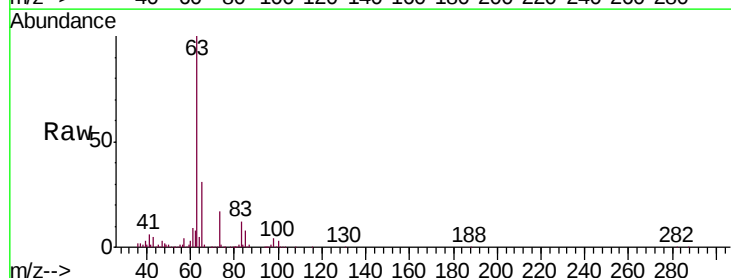
Tgt Ion: 63 Resp: 1927962

Ion Ratio Lower Upper

63 100

98 4.3 2.1 6.3

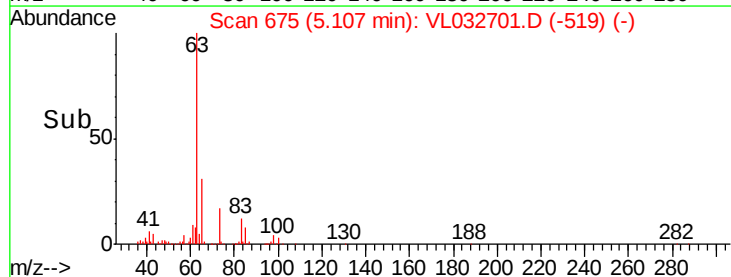
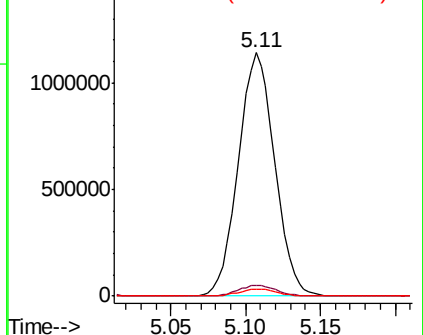
100 2.6 1.2 3.6

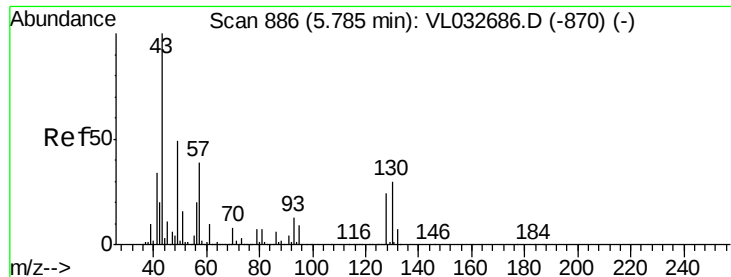


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 10.086 ppbv

RT: 5.79 min Scan# 886

Delta R.T. 0.01 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Instrument :

MSVOA_L

ClientSampleId :

VL1030ABS01

Tgt Ion: 43 Resp: 3119719

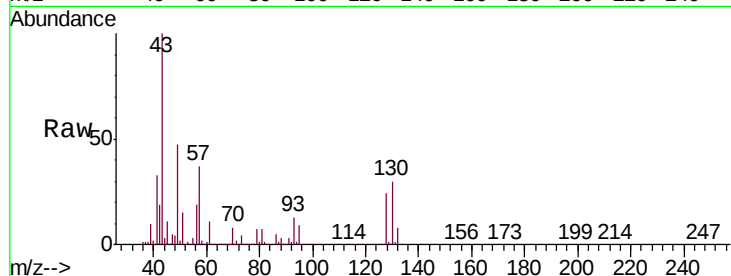
Ion Ratio Lower Upper

43 100

45 9.8 8.0 12.0

61 9.4 8.0 12.0

70 7.3 5.9 8.9

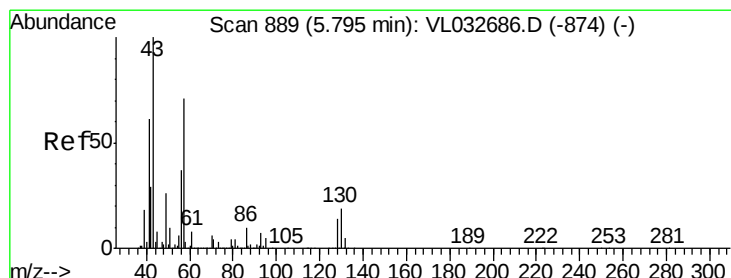
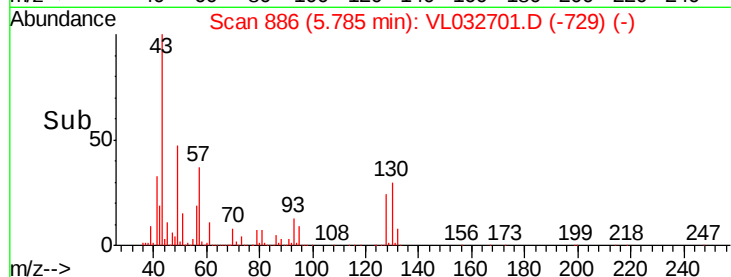
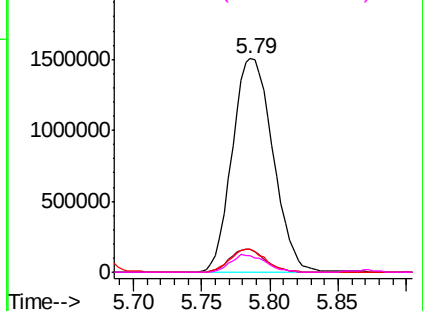


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 9.871 ppbv

RT: 5.80 min Scan# 889

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Tgt Ion: 57 Resp: 1444573

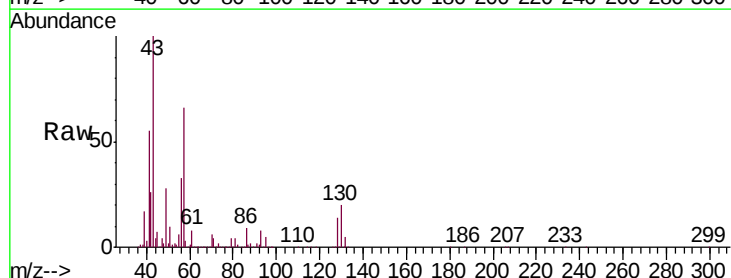
Ion Ratio Lower Upper

57 100

41 86.3 67.4 101.0

43 217.2 171.9 257.9

56 52.2 42.6 63.8

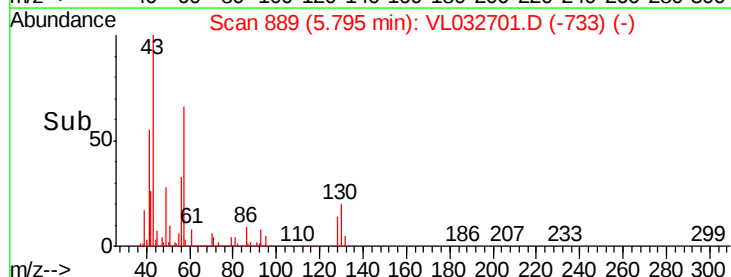
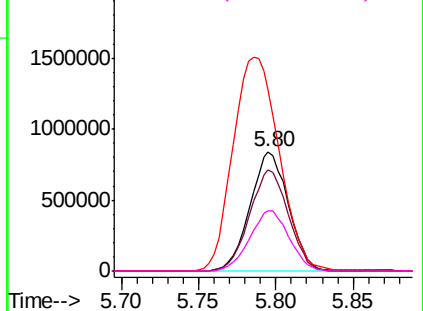


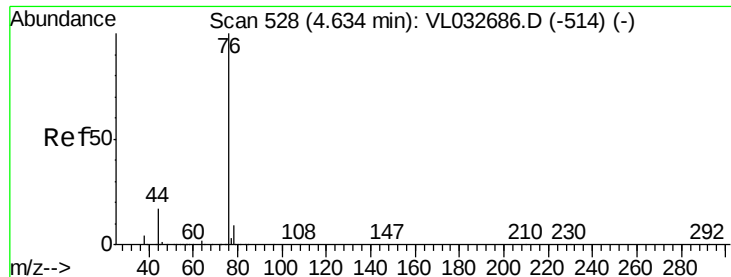
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 9.692 ppbv

RT: 4.63 min Scan# 528

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Instrument :

MSVOA_L

ClientSampleId :

VL1030ABS01

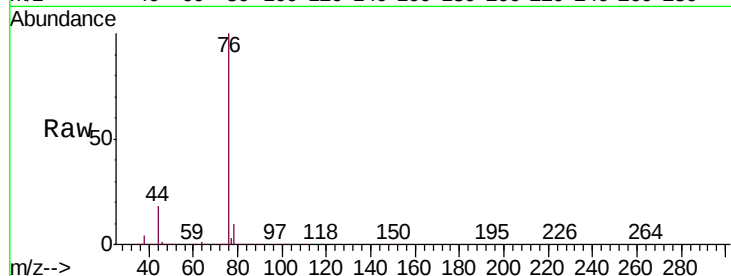
Tgt Ion: 76 Resp: 1720667

Ion Ratio Lower Upper

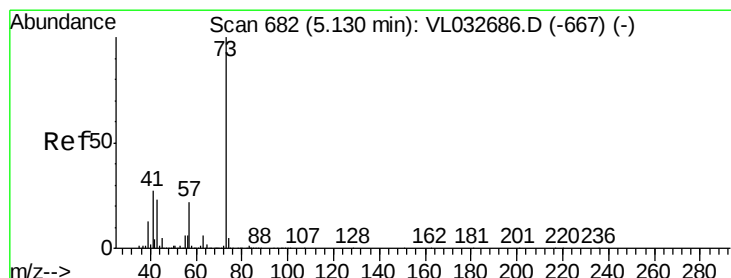
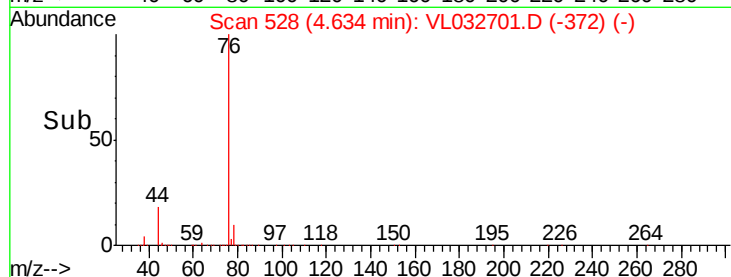
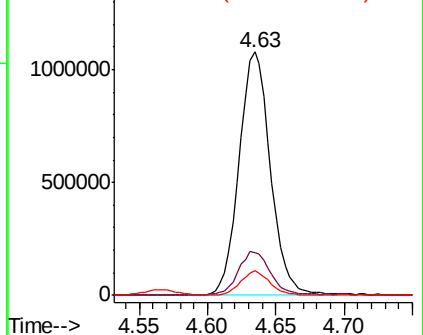
76 100

44 17.8 13.7 20.5

78 9.6 7.4 11.2



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



#28

Methyl tert-Butyl Ether

Concen: 11.256 ppbv

RT: 5.13 min Scan# 682

Delta R.T. 0.00 min

Lab File: VL032701.D

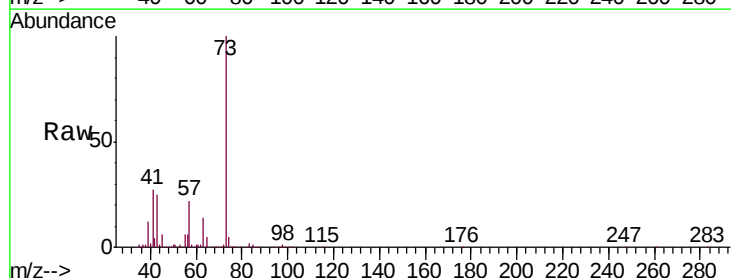
Acq: 30 Oct 2018 16:05

Tgt Ion: 73 Resp: 2367461

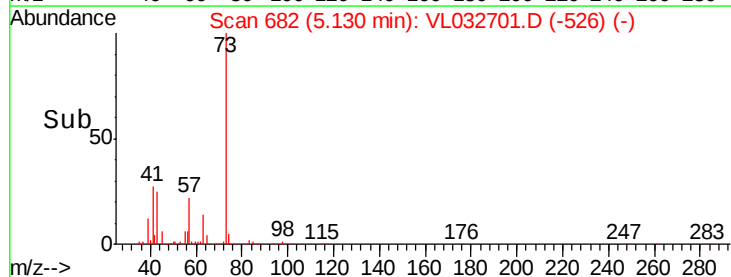
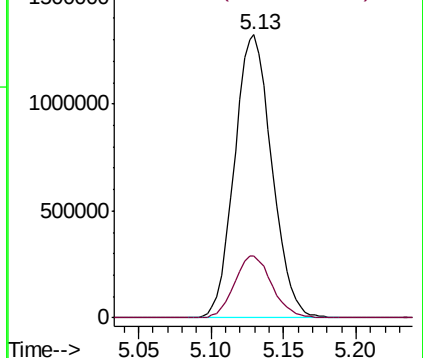
Ion Ratio Lower Upper

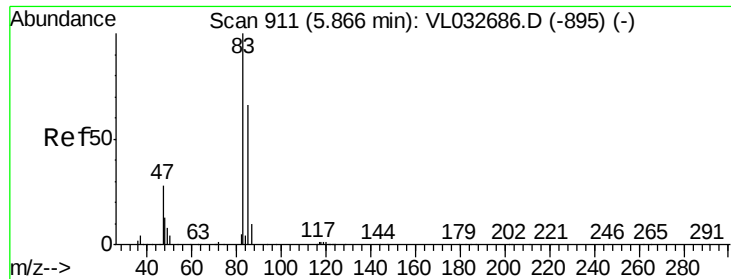
73 100

57 22.3 18.0 27.0



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





#29

Chloroform

Concen: 10.172 ppbv

RT: 5.87 min Scan# 912

Delta R.T. 0.01 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Instrument :

MSVOA_L

ClientSampleId :

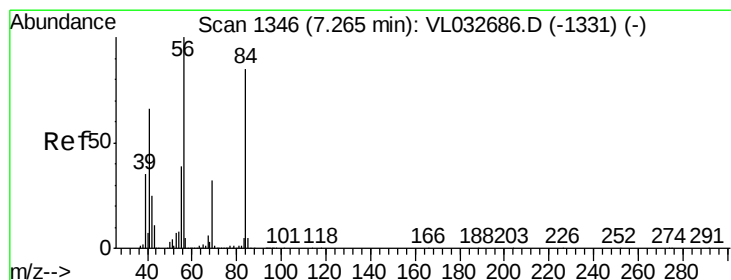
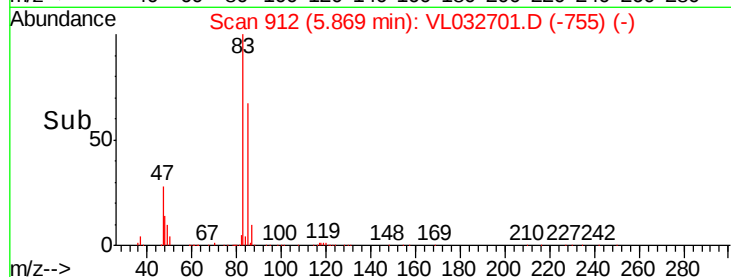
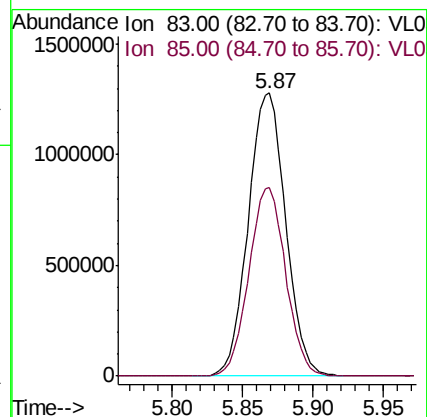
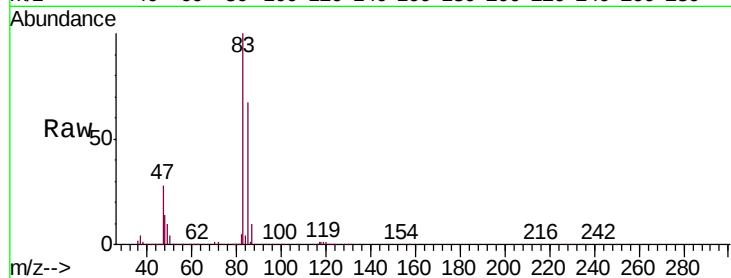
VL1030ABS01

Tgt Ion: 83 Resp: 2377950

Ion Ratio Lower Upper

83 100

85 66.5 53.0 79.6



#30

Cyclohexane

Concen: 11.419 ppbv

RT: 7.26 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VL032701.D

Acq: 30 Oct 2018 16:05

Tgt Ion: 84 Resp: 1322823

Ion Ratio Lower Upper

84 100

56 129.9 108.3 162.5

41 79.2 64.8 97.2

