

Data File : VL032844.D
Acq On : 29 Nov 2018 21:17
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Nov 30 06:26:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1403047	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3609546	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	4431979	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2736460	8.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.08	85	1823216	9.040	ppbv	100
3) Chlorodifluoromethane	3.02	51	1059093	9.521	ppbv	100
4) Chloromethane	3.18	50	566482	9.184	ppbv	100
5) Vinyl Chloride	3.30	62	594269	9.093	ppbv	97
6) Bromomethane	3.52	94	394680	9.872	ppbv	95
7) Chloroethane	3.61	64	232614	9.875	ppbv #	88
8) Dichlorotetrafluoroethane	3.23	85	1502761	9.456	ppbv	98
9) Propene	3.05	41	425990	9.570	ppbv	99
10) Heptane	8.26	43	1736350	10.217	ppbv	100
11) Trichlorofluoromethane	4.01	101	2322456	12.219	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.56	101	1751424	11.282	ppbv	97
13) Ethanol	3.66	45	102364	7.021	ppbv	97
14) Bromoethene	3.80	108	519600	10.088	ppbv	99
15) Acetone	3.91	43	1109730	8.661	ppbv	99
16) 1,3-Butadiene	3.37	39	506367	10.205	ppbv	97
17) tert-Butyl alcohol	4.37	59	439389	10.934	ppbv	99
18) 1,1-Dichloroethene	4.36	96	765813	10.031	ppbv	99
19) Isopropyl Alcohol	4.03	45	1018837	11.936	ppbv	99
20) Methylene Chloride	4.42	84	675874	10.189	ppbv	97
21) Allyl Chloride	4.48	41	1163112	10.802	ppbv	98
22) trans-1,2-Dichloroethene	4.98	96	804916	10.798	ppbv	95
23) Vinyl Acetate	5.16	43	2303502	9.862	ppbv	99
24) 1,1-Dichloroethane	5.10	63	1831704	9.864	ppbv	100
25) Ethyl Acetate	5.78	43	2930276	9.812	ppbv	100
26) Hexane	5.79	57	1358603	10.220	ppbv	99
27) Carbon Disulfide	4.63	76	1833603	10.878	ppbv	99
28) Methyl tert-Butyl Ether	5.12	73	2242016	10.576	ppbv	100
29) Chloroform	5.86	83	2436160	10.282	ppbv	96
30) Cyclohexane	7.25	84	1211291	10.418	ppbv	98
31) cis-1,2-Dichloroethene	5.65	61	1386587	10.374	ppbv	99
32) 1,1,1-Trichloroethane	6.63	97	2479803	9.548	ppbv	99
34) 2-Butanone	5.34	43	1864114	9.957	ppbv	100
35) Carbon Tetrachloride	7.15	117	2713747	9.352	ppbv	100
36) Benzene	7.02	78	2867759	9.977	ppbv	99
37) 1,2-Dichloroethane	6.43	62	1906720	9.854	ppbv	99
38) Trichloroethene	7.98	130	1218689	10.477	ppbv	98
39) 1,2-Dichloropropane	7.75	63	1054104	9.625	ppbv	95
40) 1,4-Dioxane	7.97	88	385258	9.849	ppbv #	1
41) Tetrahydrofuran	6.16	42	1100176	10.245	ppbv	100
42) Bromodichloromethane	7.93	83	2597274	9.902	ppbv	98
43) Methyl Methacrylate	8.15	69	1151083	10.727	ppbv	99

Data File : VL032844.D
Acq On : 29 Nov 2018 21:17
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Nov 30 06:26:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	8.00	57	4836144	10.068	ppbv	100
45) t-1,3-Dichloropropene	9.43	75	1697167	11.787	ppbv	98
46) cis-1,3-Dichloropropene	8.85	75	1926313	11.073	ppbv	96
47) 1,1,2-Trichloroethane	9.62	97	1289839	9.960	ppbv	95
48) Dibromochloromethane	10.46	129	2215566	10.066	ppbv	100
49) Bromoform	13.21	173	1830763	10.072	ppbv	99
50) 4-Methyl-2-Pentanone	8.88	43	2927367	10.011	ppbv	99
51) 2-Hexanone	10.28	43	2076557	11.023	ppbv #	99
52) Tetrachloroethene	11.38	164	1044746	10.449	ppbv	98
53) Toluene	9.96	91	3349306	11.169	ppbv	99
54) 1,2-Dibromoethane	10.77	107	1883237	10.288	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.29	131	1570976	7.600	ppbv	100
57) Chlorobenzene	12.31	112	2570647	7.577	ppbv	99
58) Ethyl Benzene	12.88	91	4517284	8.469	ppbv	99
59) m/p-Xylene	13.14	91	3549671	7.476	ppbv #	31
60) o-Xylene	13.86	91	3644976	7.635	ppbv	99
61) Styrene	13.70	104	2708109	8.713	ppbv	99
62) Isopropylbenzene	14.84	105	5158503	7.994	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.85	83	2414903	6.489	ppbv	99
64) n-propylbenzene	15.73	120	1311655	7.727	ppbv	99
65) tert-Butylbenzene	16.92	119	4541491	7.851	ppbv	99
66) Benzyl Chloride	17.17	91	2521882	7.885	ppbv	100
67) sec-Butylbenzene	17.47	105	6333795	7.597	ppbv	99
69) p-Isopropyltoluene	17.83	119	5273770	7.956	ppbv	99
70) n-Butylbenzene	18.73	91	5431300	8.069	ppbv	100
71) 2-Chlorotoluene	15.63	91	3828875	7.956	ppbv	99
72) 4-Ethyltoluene	16.01	105	4220291	8.065	ppbv	100
73) 1,3,5-Trimethylbenzene	16.17	105	4007391	7.832	ppbv	100
74) 1,2,4-Trimethylbenzene	16.94	105	4122315	7.529	ppbv	99
75) 1,3-Dichlorobenzene	17.18	146	2359722	7.514	ppbv	99
76) 1,4-Dichlorobenzene	17.32	146	2319381	7.906	ppbv	100
77) 1,2-Dichlorobenzene	18.00	146	2301875	7.923	ppbv	99
78) Hexachloro-1,3-Butadiene	23.56	225	1834350	11.698	ppbv	99
79) Naphthalene	22.43	128	4211947	11.710	ppbv	99
80) Naphthalene,2-methyl-	25.12	142	1073676	11.919	ppbv	99
81) 1,2,4-Trichlorobenzene	22.15	180	2024922	11.211	ppbv	98

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

Data File : VL032844.D

Acq On : 29 Nov 2018 21:17

Operator : SY/AP

Sample : VSTDCCC010

Misc : 400ml/MSVOA L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

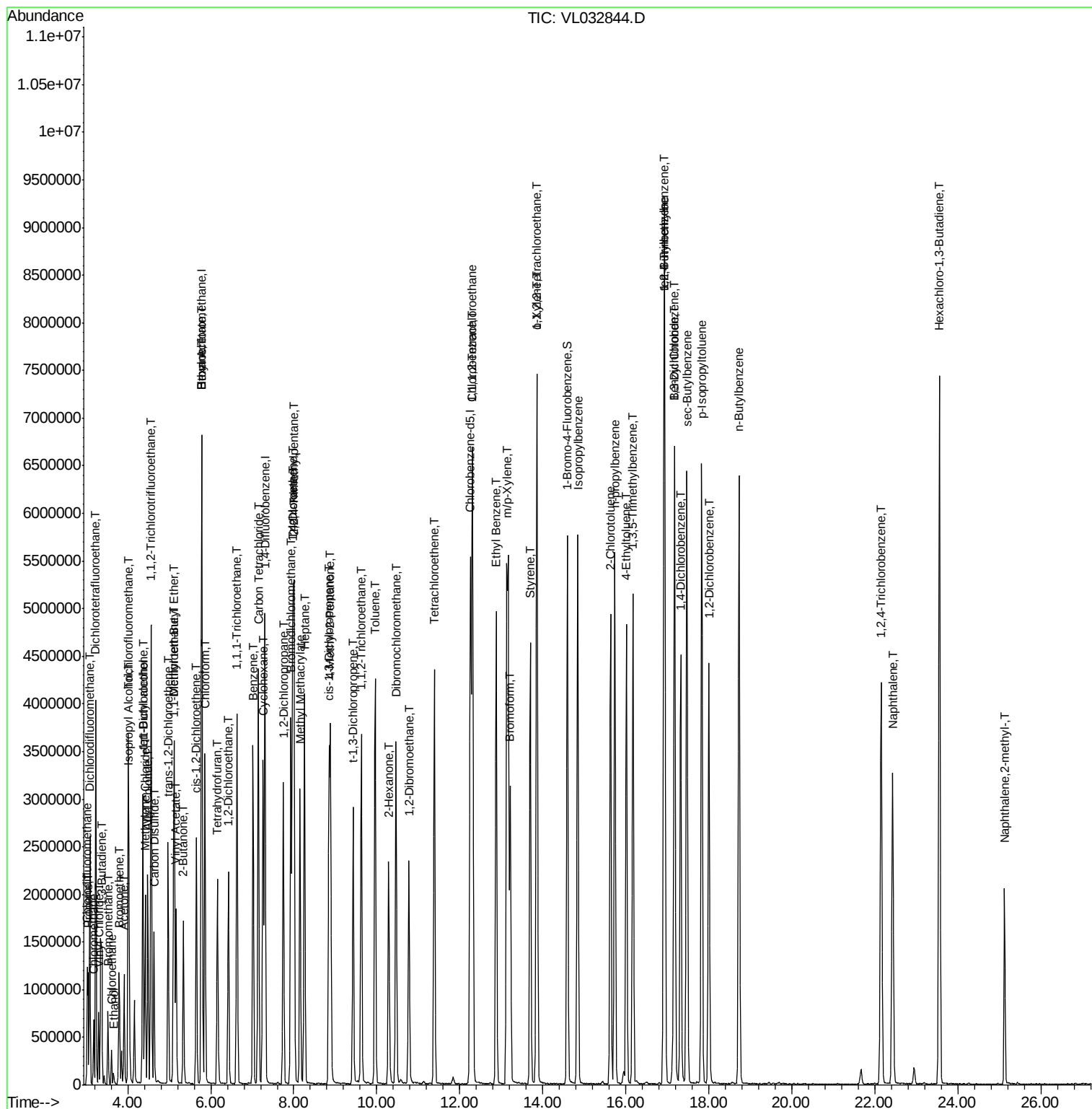
Quant Time: Nov 30 06:26:18 2018

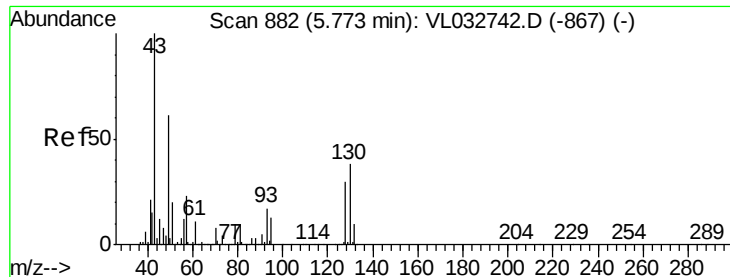
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_L\METHODS\VL111418AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018

QLast Update : Wed Nov 14 07:00:23 2018

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.78 min Scan# 883

Delta R.T. 0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

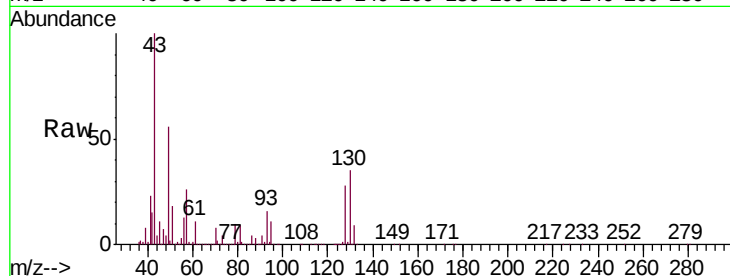
Tgt Ion: 49 Resp: 1403047

Ion Ratio Lower Upper

49 100

128 51.8 24.9 74.6

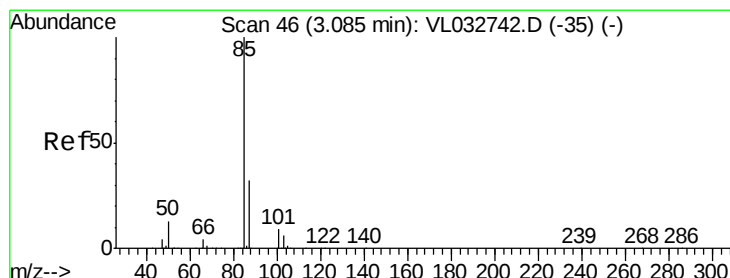
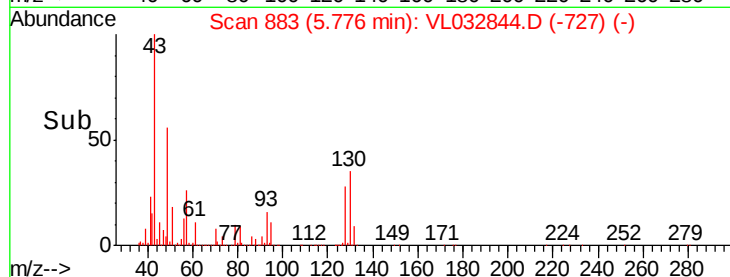
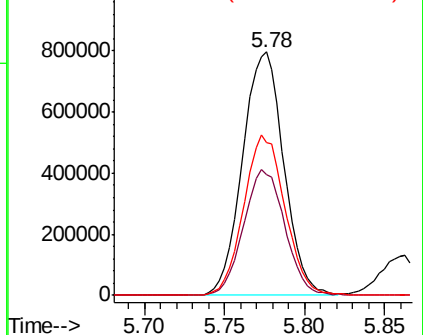
130 66.4 31.4 94.2



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 9.040 ppbv

RT: 3.08 min Scan# 46

Delta R.T. -0.00 min

Lab File: VL032844.D

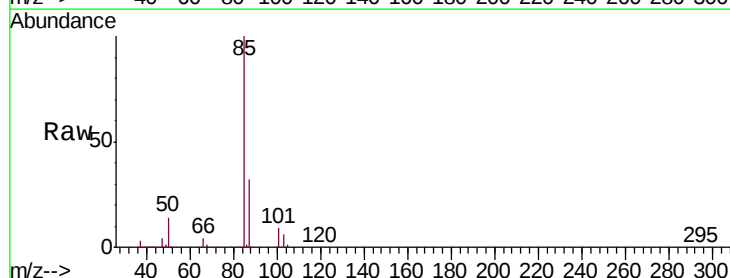
Acq: 29 Nov 2018 21:17

Tgt Ion: 85 Resp: 1823216

Ion Ratio Lower Upper

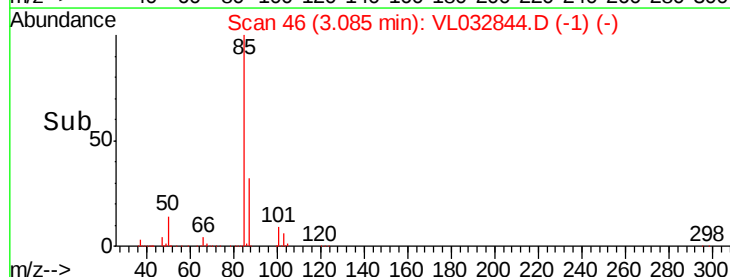
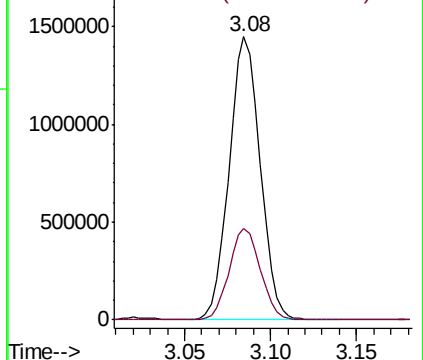
85 100

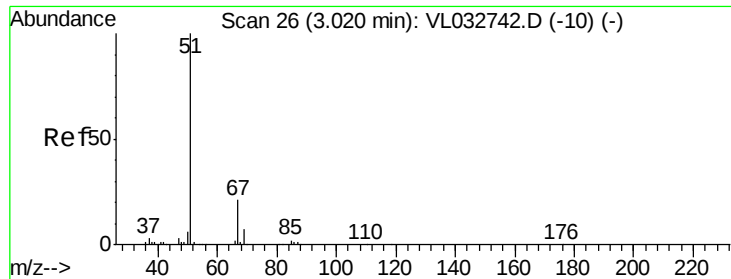
87 32.4 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.521 ppbv

RT: 3.02 min Scan# 27

Delta R.T. 0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

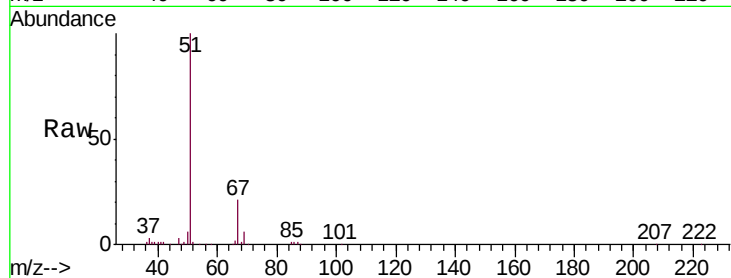
VSTDCCC010EC

Tgt Ion: 51 Resp: 1059093

Ion Ratio Lower Upper

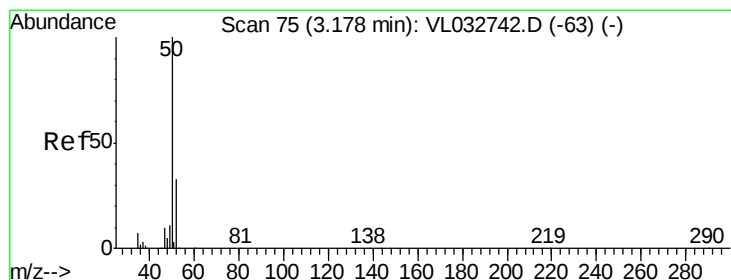
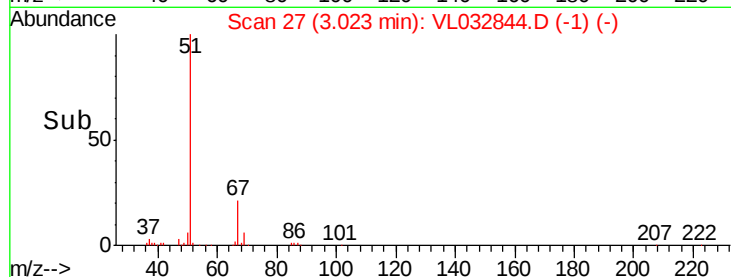
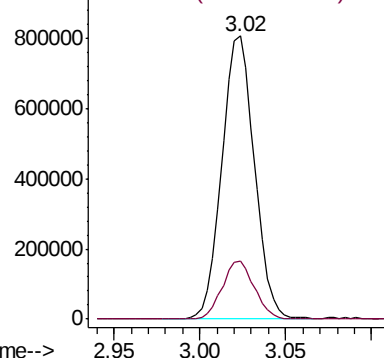
51 100

67 20.3 16.1 24.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.184 ppbv

RT: 3.18 min Scan# 75

Delta R.T. -0.00 min

Lab File: VL032844.D

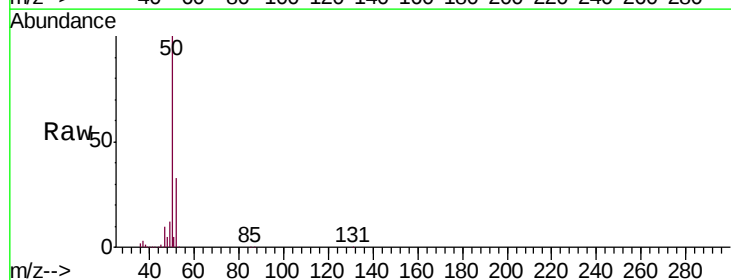
Acq: 29 Nov 2018 21:17

Tgt Ion: 50 Resp: 566482

Ion Ratio Lower Upper

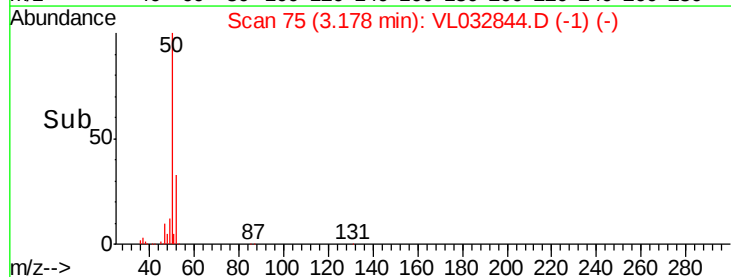
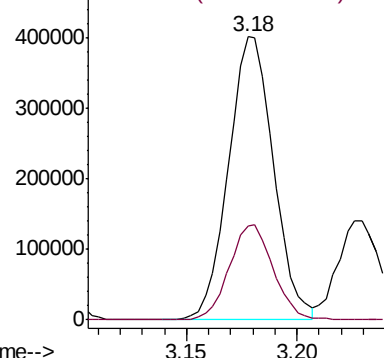
50 100

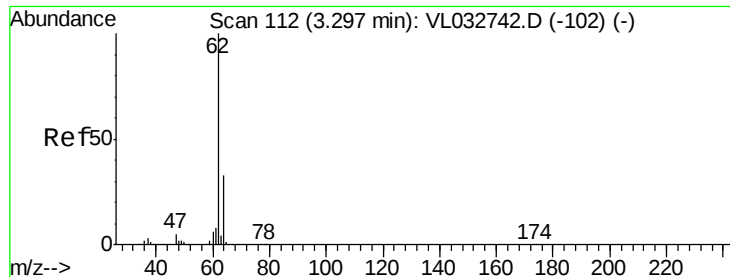
52 33.2 26.6 40.0



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.093 ppbv

RT: 3.30 min Scan# 113

Delta R.T. 0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

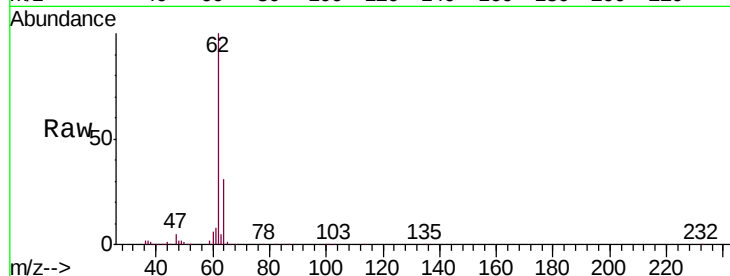
VSTDCCC010EC

Tgt Ion: 62 Resp: 594269

Ion Ratio Lower Upper

62 100

64 31.1 26.2 39.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.30

500000

400000

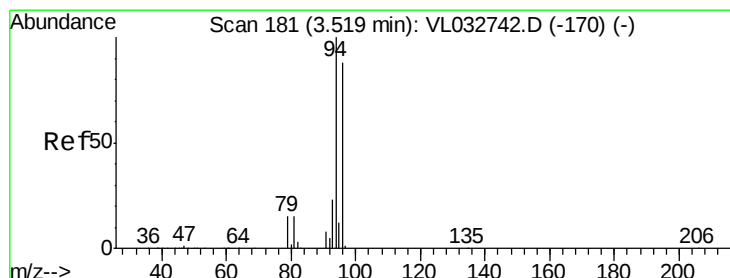
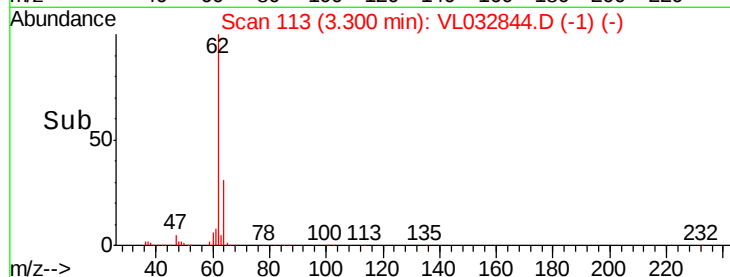
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 9.872 ppbv

RT: 3.52 min Scan# 182

Delta R.T. 0.00 min

Lab File: VL032844.D

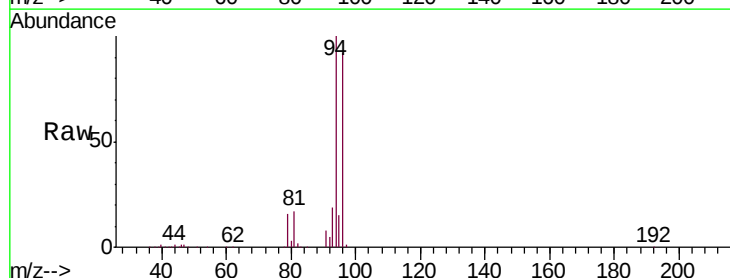
Acq: 29 Nov 2018 21:17

Tgt Ion: 94 Resp: 394680

Ion Ratio Lower Upper

94 100

96 92.2 70.2 105.2



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.52

300000

250000

200000

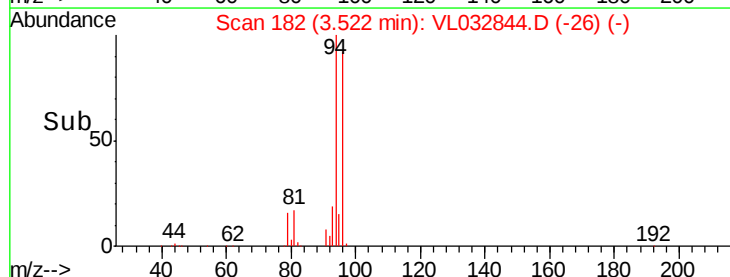
150000

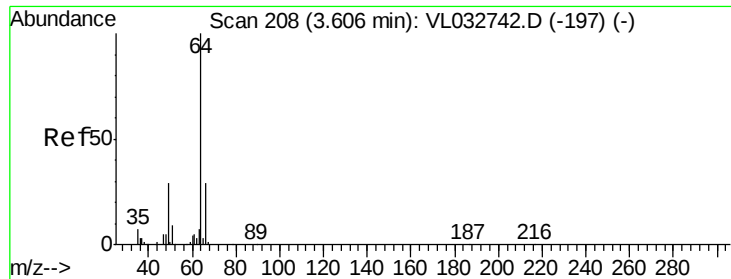
100000

50000

0

Time-->





#7

Chloroethane

Concen: 9.875 ppbv

RT: 3.61 min Scan# 209

Delta R.T. 0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

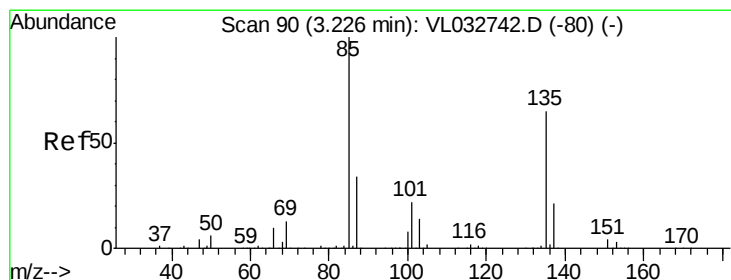
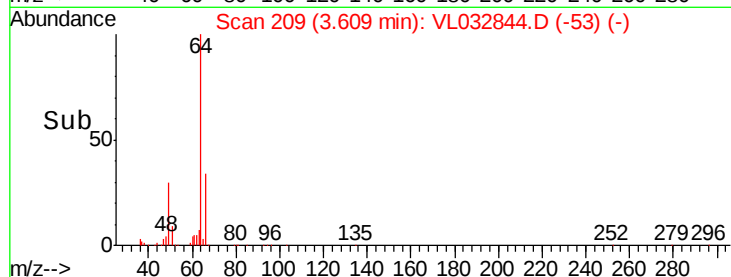
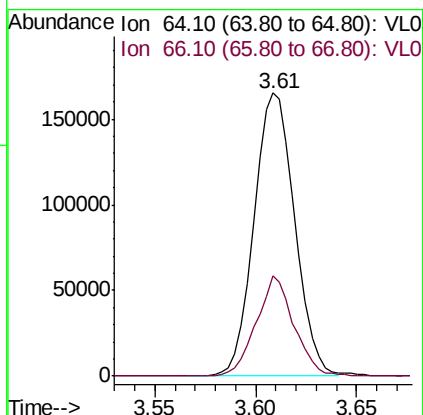
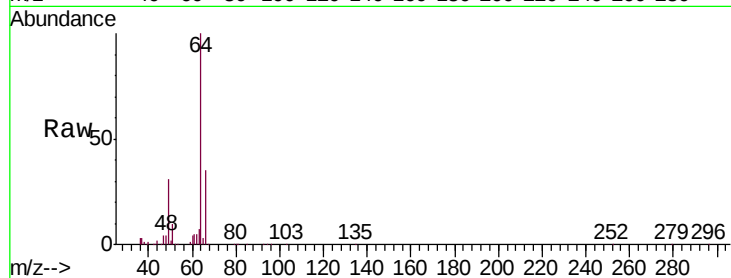
VSTDCCC010EC

Tgt Ion: 64 Resp: 232614

Ion Ratio Lower Upper

64 100

66 35.4 23.2 34.8#



#8

Dichlorotetrafluoroethane

Concen: 9.456 ppbv

RT: 3.23 min Scan# 91

Delta R.T. 0.00 min

Lab File: VL032844.D

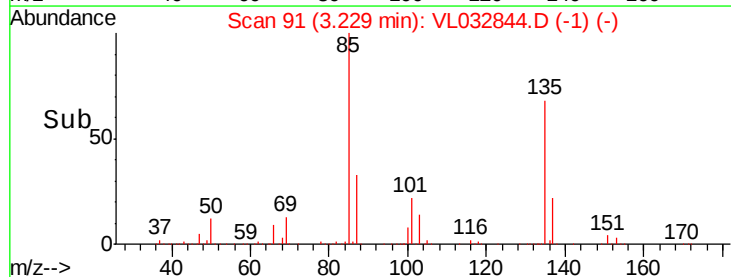
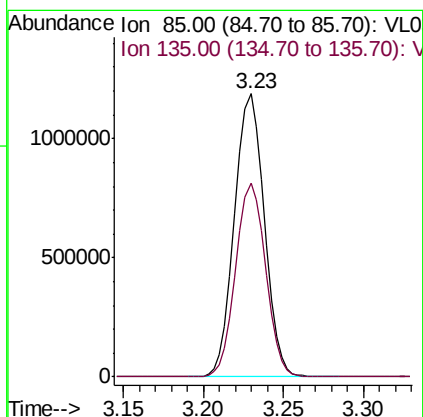
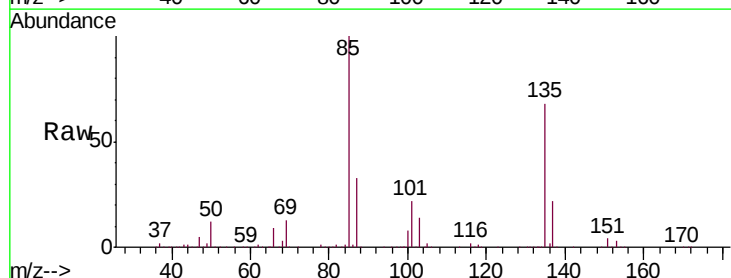
Acq: 29 Nov 2018 21:17

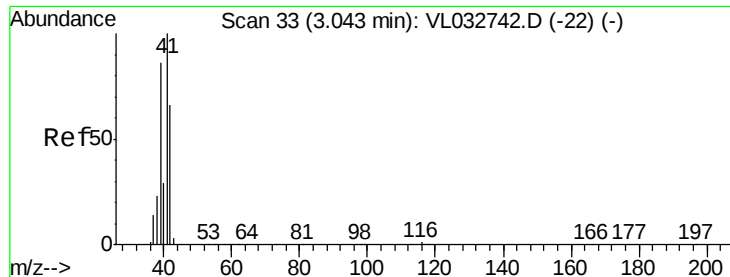
Tgt Ion: 85 Resp: 1502761

Ion Ratio Lower Upper

85 100

135 69.0 53.8 80.8





#9

Propene

Concen: 9.570 ppbv

RT: 3.05 min Scan# 34

Delta R.T. 0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

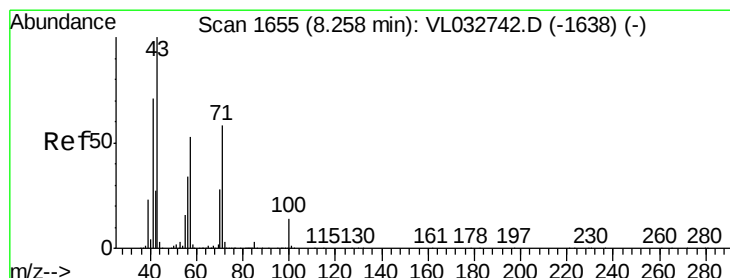
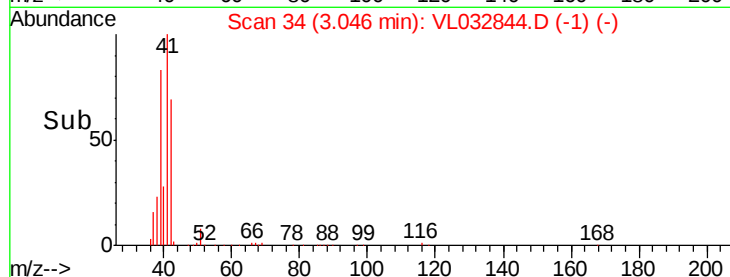
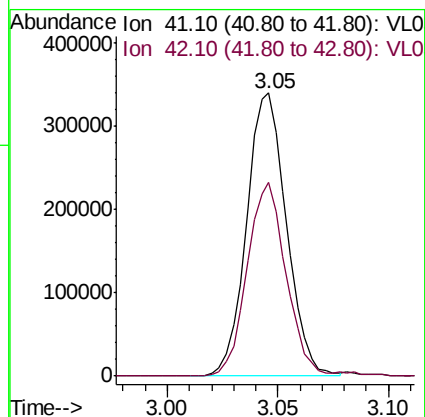
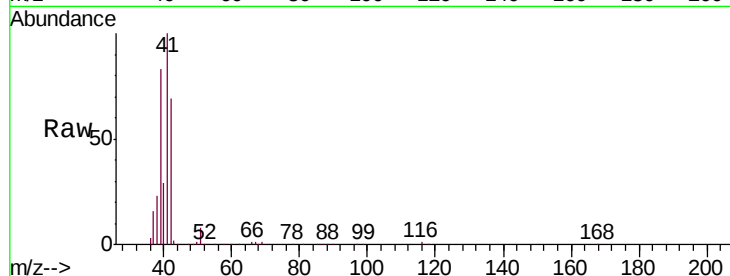
VSTDCCC010EC

Tgt Ion: 41 Resp: 425990

Ion Ratio Lower Upper

41 100

42 68.0 55.0 82.6



#10

Heptane

Concen: 10.217 ppbv

RT: 8.26 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VL032844.D

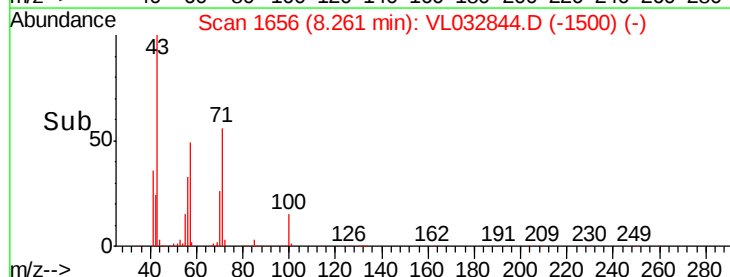
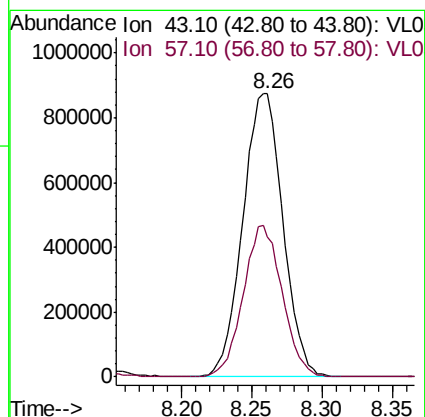
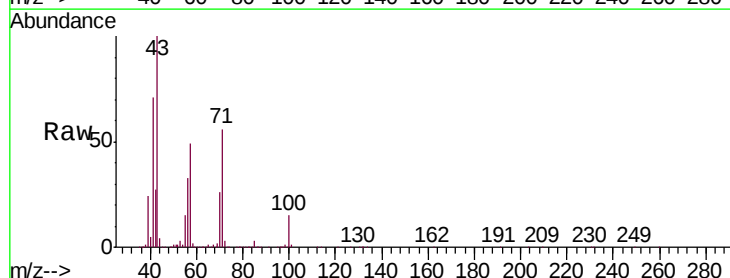
Acq: 29 Nov 2018 21:17

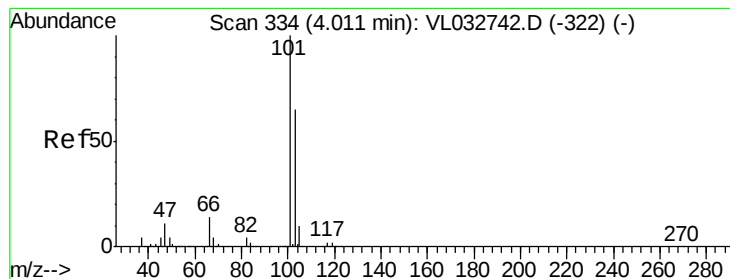
Tgt Ion: 43 Resp: 1736350

Ion Ratio Lower Upper

43 100

57 52.3 41.8 62.8





#11

Trichlorofluoromethane

Concen: 12.219 ppbv

RT: 4.01 min Scan# 335

Delta R.T. 0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

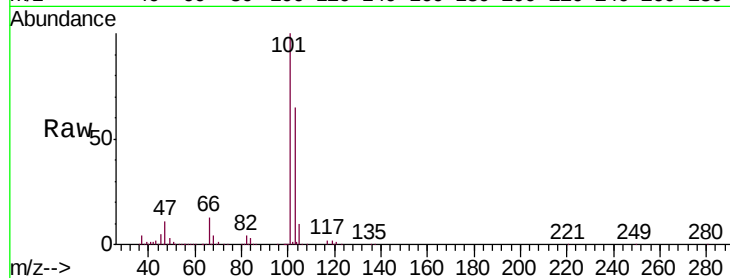
VSTDCCC010EC

Tgt Ion:101 Resp: 2322456

Ion Ratio Lower Upper

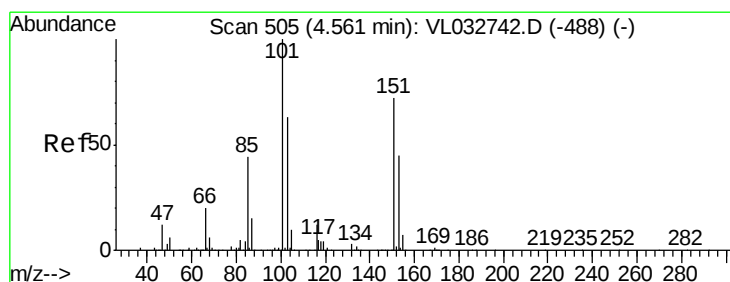
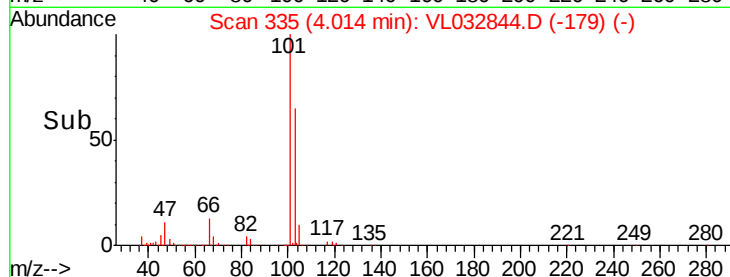
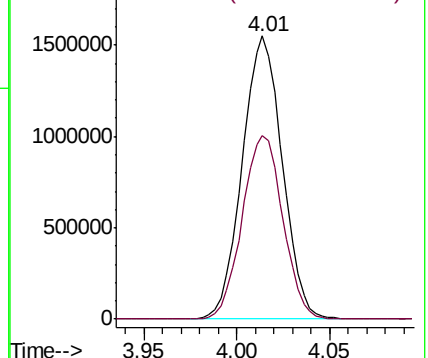
101 100

103 64.9 51.6 77.4



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: 11.282 ppbv

RT: 4.56 min Scan# 506

Delta R.T. 0.00 min

Lab File: VL032844.D

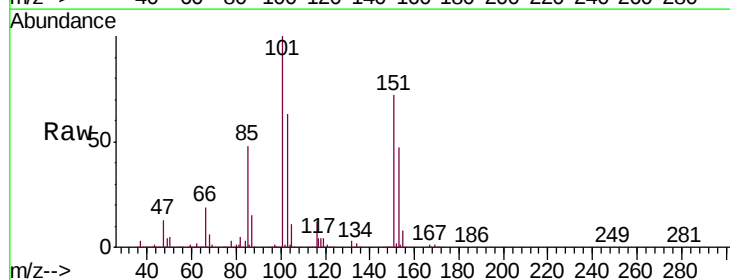
Acq: 29 Nov 2018 21:17

Tgt Ion:101 Resp: 1751424

Ion Ratio Lower Upper

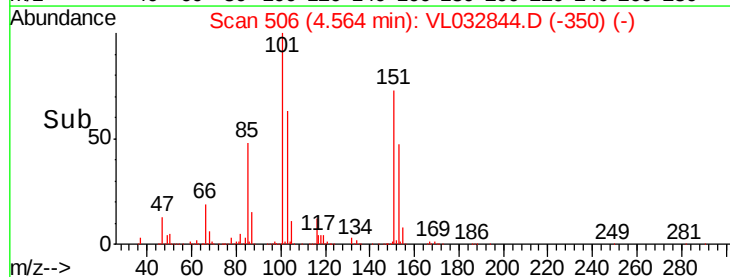
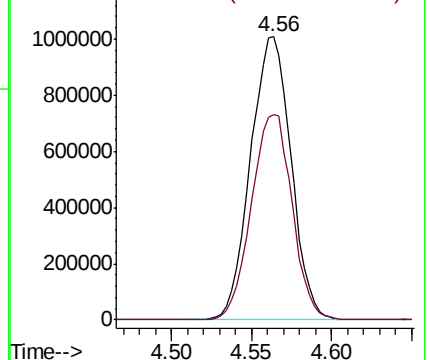
101 100

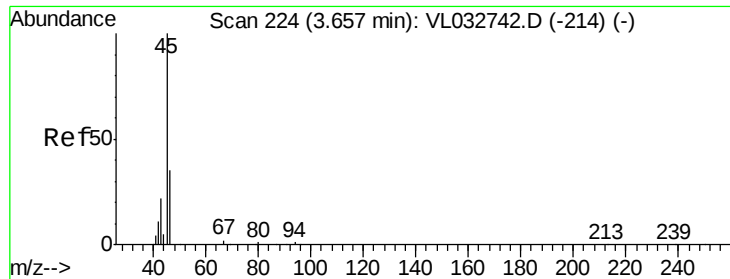
151 73.2 56.7 85.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 7.021 ppbv

RT: 3.66 min Scan# 225

Delta R.T. 0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

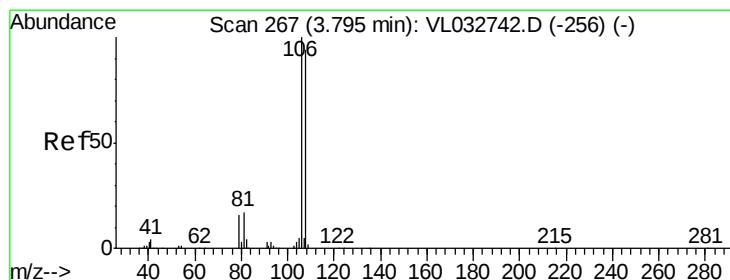
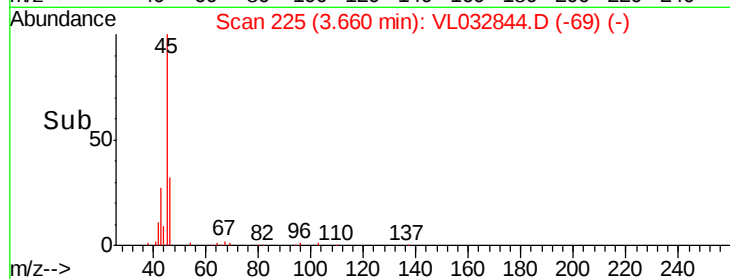
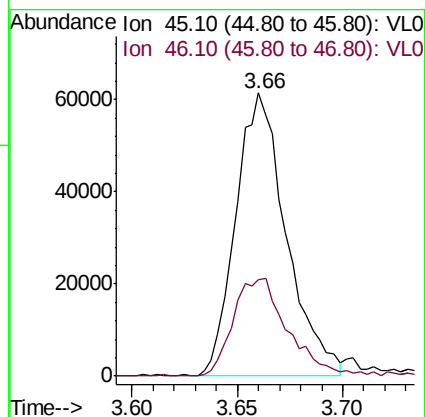
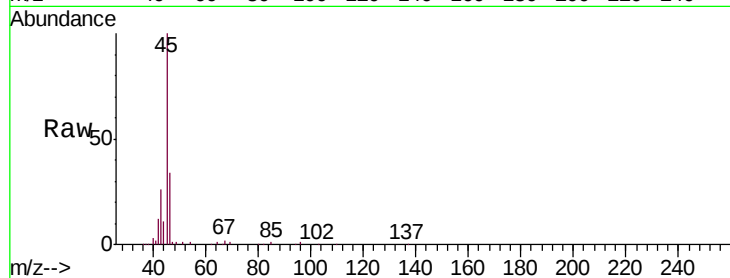
VSTDCCC010EC

Tgt Ion: 45 Resp: 102364

Ion Ratio Lower Upper

45 100

46 37.8 14.5 57.9



#14

Bromoethene

Concen: 10.088 ppbv

RT: 3.80 min Scan# 267

Delta R.T. -0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

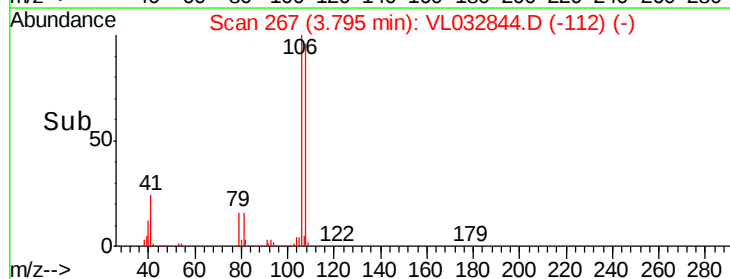
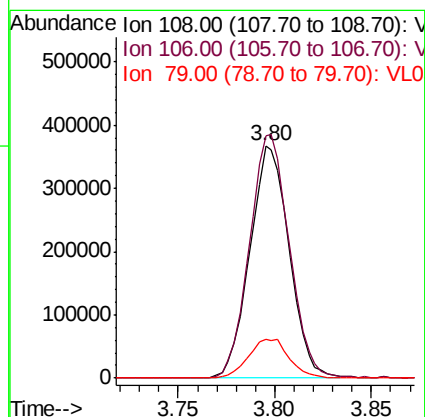
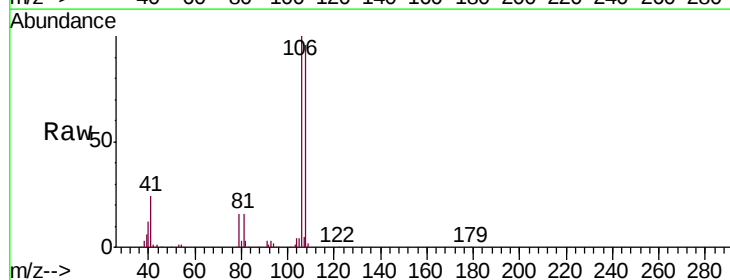
Tgt Ion: 108 Resp: 519600

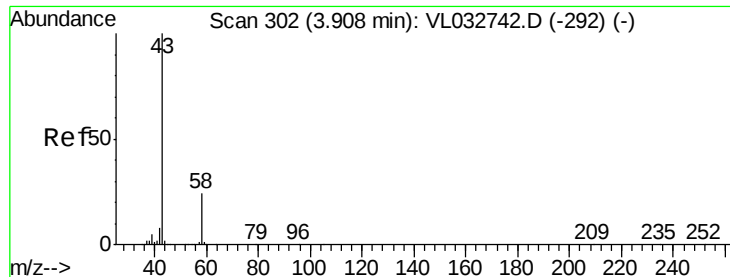
Ion Ratio Lower Upper

108 100

106 106.8 84.9 127.3

79 17.7 14.2 21.4





#15

Acetone

Concen: 8.661 ppbv

RT: 3.91 min Scan# 303

Delta R.T. 0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

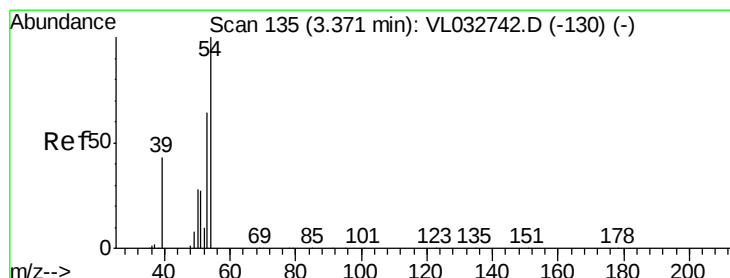
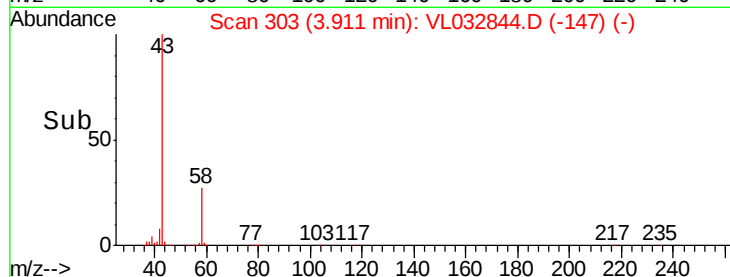
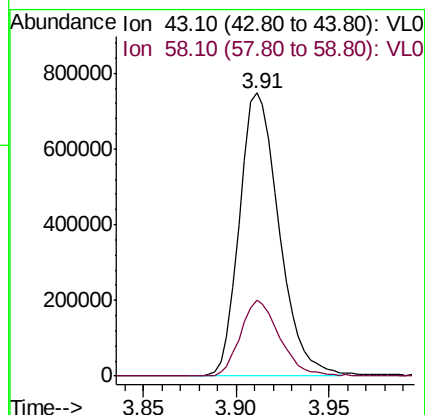
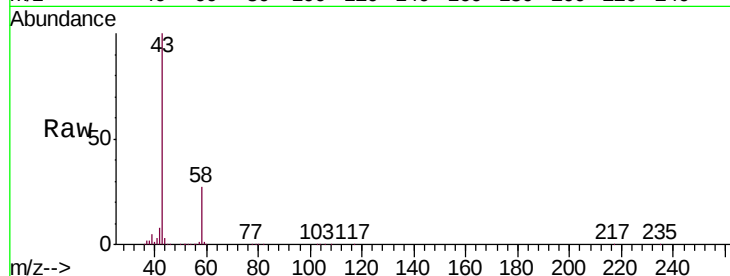
VSTDCCC010EC

Tgt Ion: 43 Resp: 1109730

Ion Ratio Lower Upper

43 100

58 26.7 21.1 31.7



#16

1,3-Butadiene

Concen: 10.205 ppbv

RT: 3.37 min Scan# 136

Delta R.T. 0.00 min

Lab File: VL032844.D

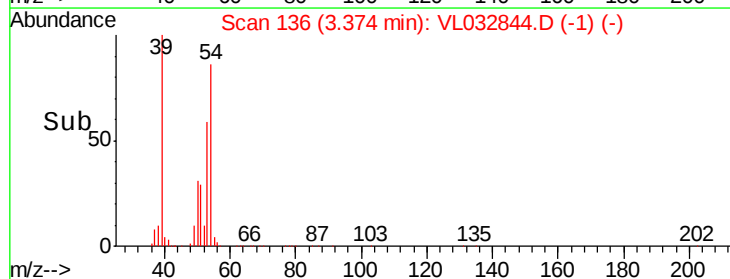
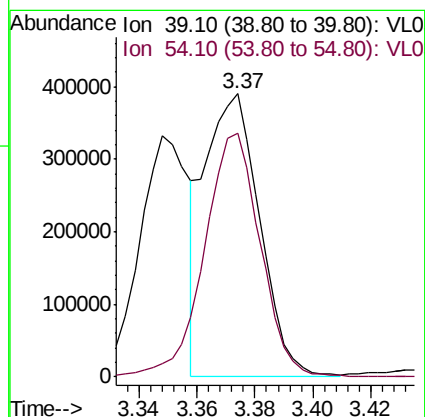
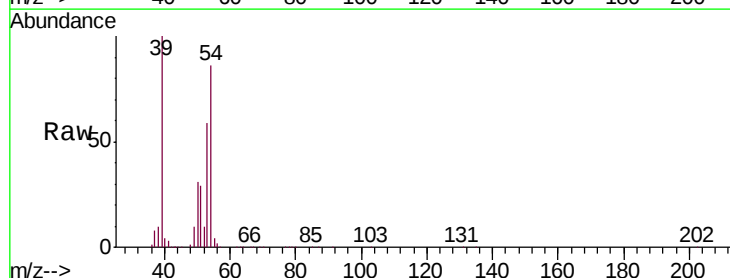
Acq: 29 Nov 2018 21:17

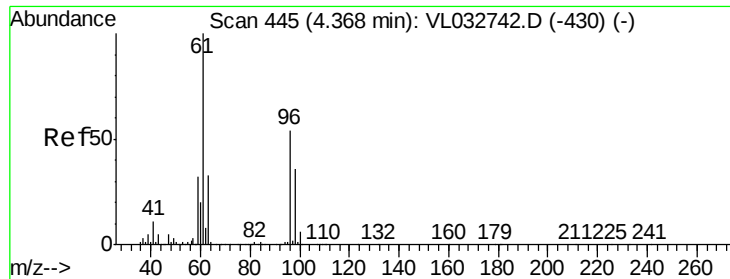
Tgt Ion: 39 Resp: 506367

Ion Ratio Lower Upper

39 100

54 89.1 68.9 103.3

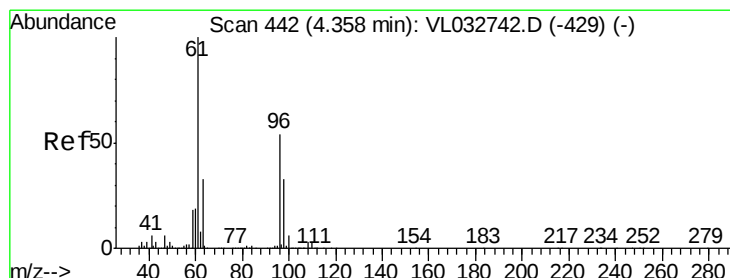
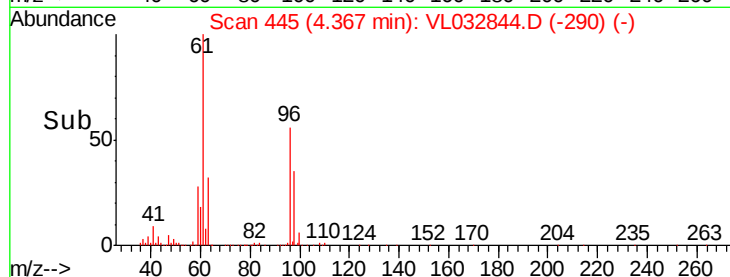
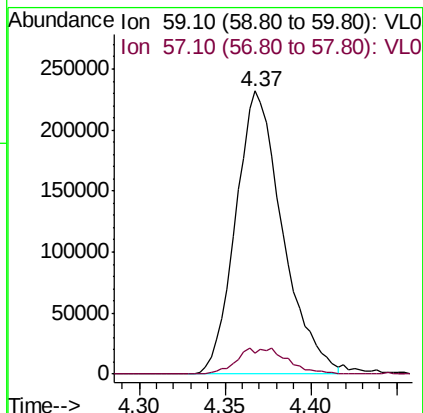
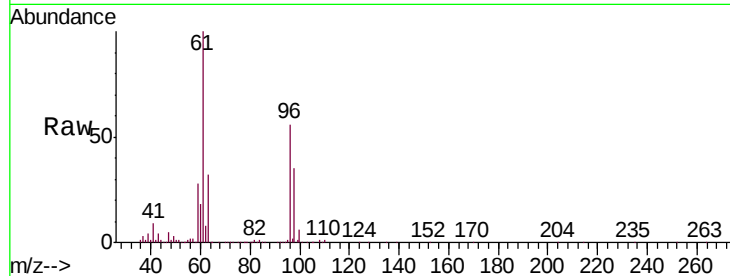




#17
 tert-Butyl alcohol
 Concen: 10.934 ppbv
 RT: 4.37 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: VL032844.D
 Acq: 29 Nov 2018 21:17

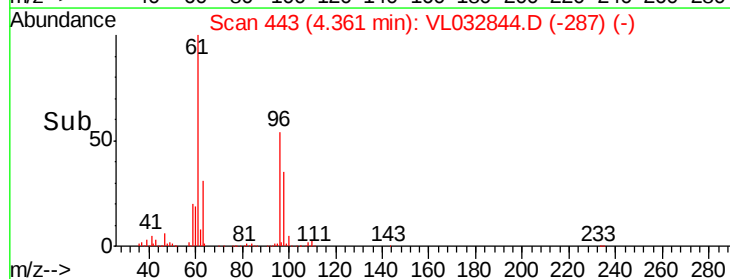
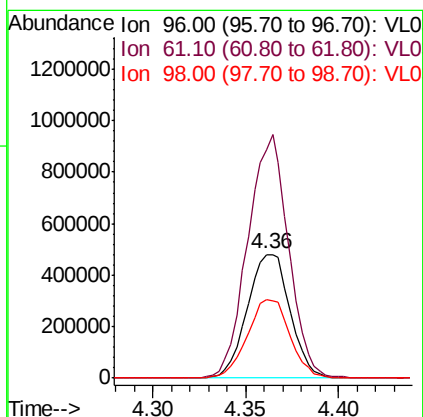
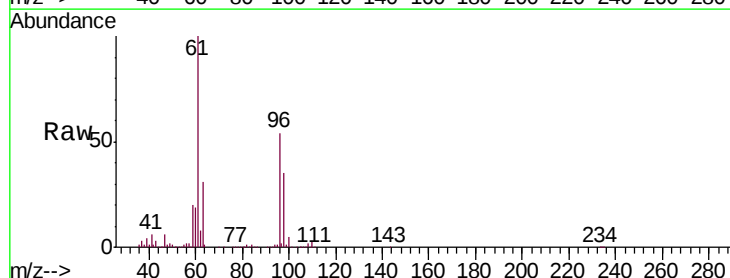
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

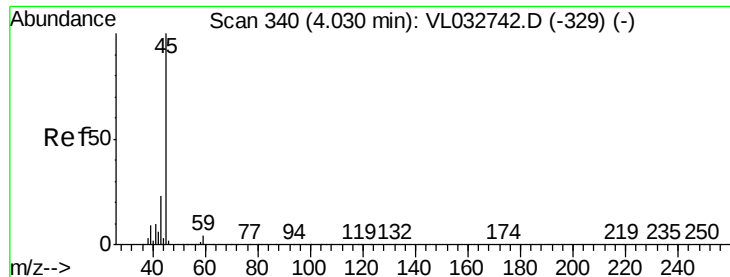
Tgt Ion: 59 Resp: 439389
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.8



#18
 1,1-Dichloroethene
 Concen: 10.031 ppbv
 RT: 4.36 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VL032844.D
 Acq: 29 Nov 2018 21:17

Tgt Ion: 96 Resp: 765813
 Ion Ratio Lower Upper
 96 100
 61 184.8 148.5 222.7
 98 63.7 48.6 72.8





#19

Isopropyl Alcohol

Concen: 11.936 ppbv

RT: 4.03 min Scan# 341

Delta R.T. 0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

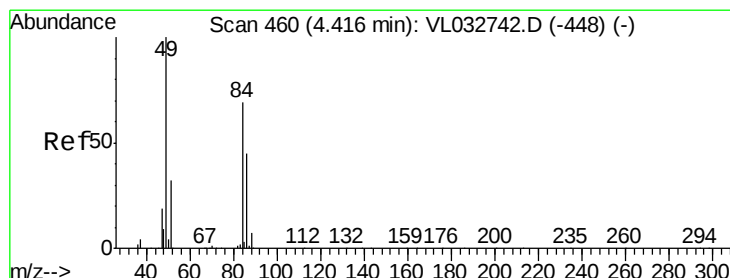
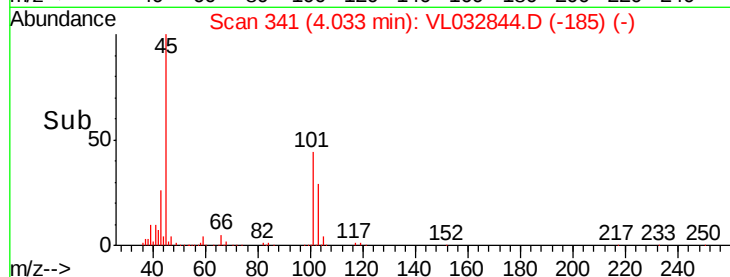
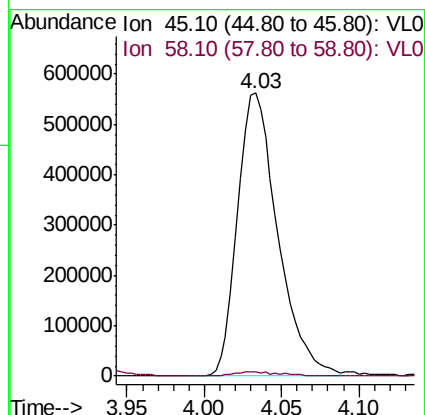
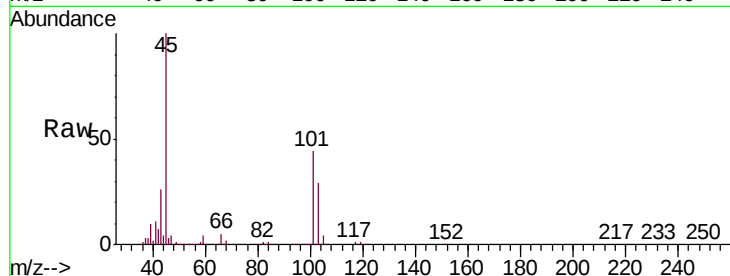
VSTDCCC010EC

Tgt Ion: 45 Resp: 1018837

Ion Ratio Lower Upper

45 100

58 1.9 1.4 2.0



#20

Methylene Chloride

Concen: 10.189 ppbv

RT: 4.42 min Scan# 461

Delta R.T. 0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Tgt Ion: 84 Resp: 675874

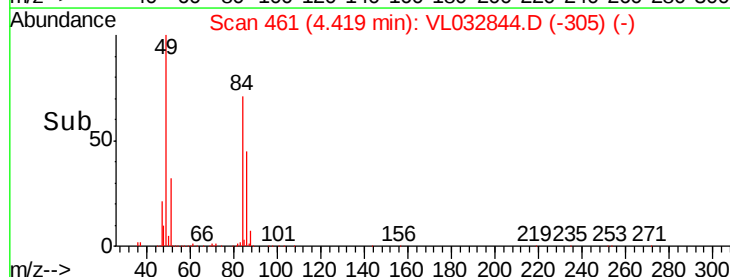
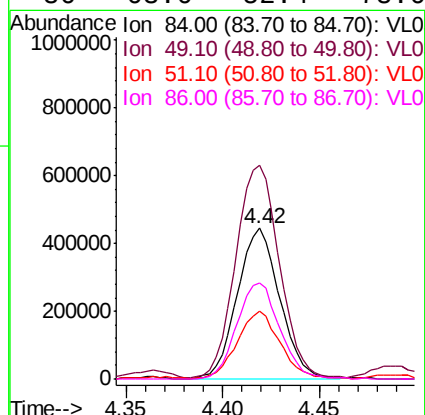
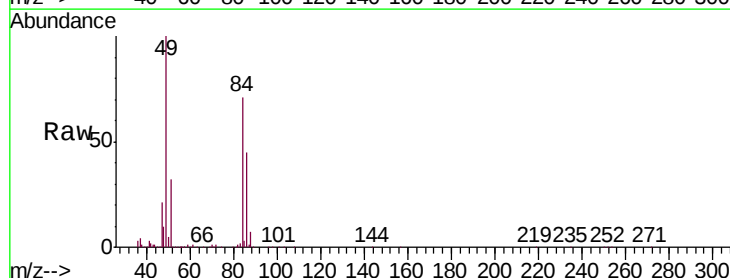
Ion Ratio Lower Upper

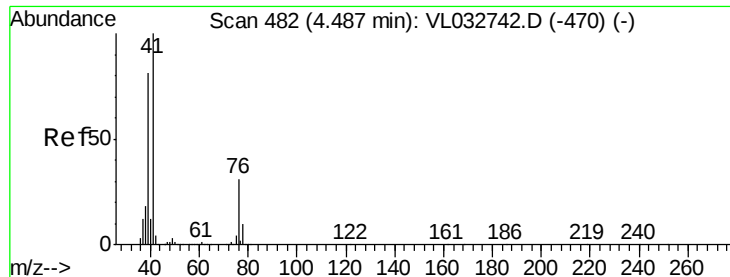
84 100

49 141.2 115.8 173.6

51 44.7 36.9 55.3

86 63.6 52.4 78.6





#21

Allyl Chloride

Concen: 10.802 ppbv

RT: 4.48 min Scan# 481

Delta R.T. -0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

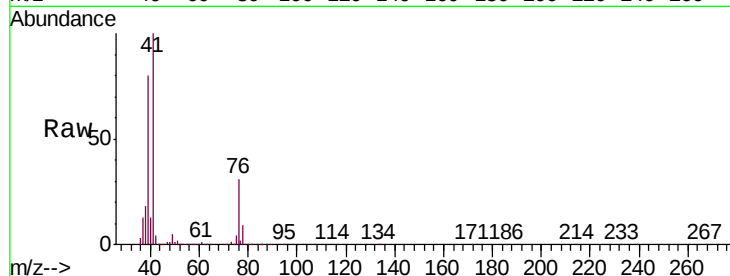
Tgt Ion: 41 Resp: 1163112

Ion Ratio Lower Upper

41 100

76 31.5 24.4 36.6

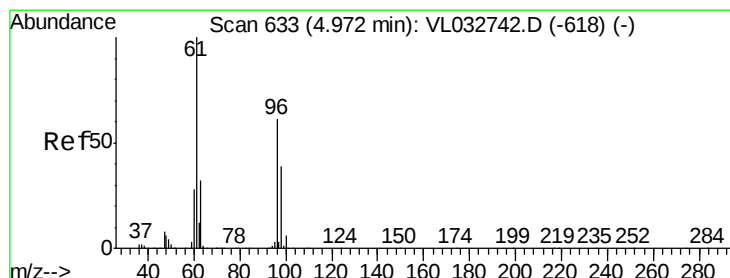
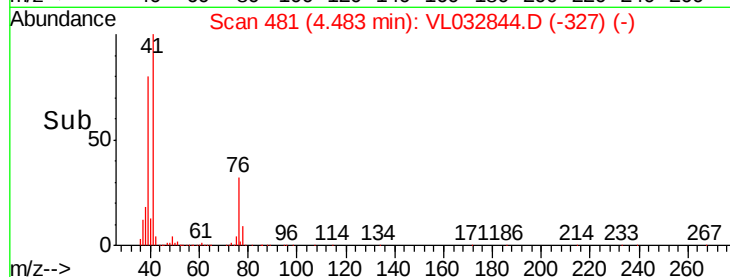
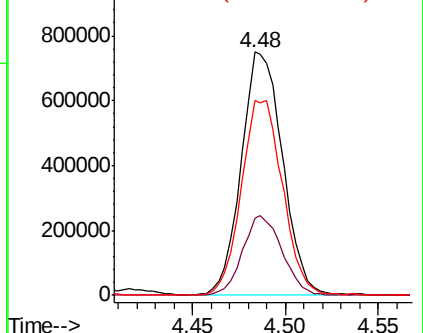
39 80.6 63.5 95.3



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 10.798 ppbv

RT: 4.98 min Scan# 634

Delta R.T. 0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

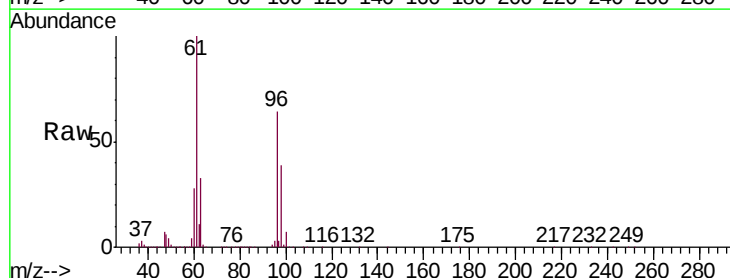
Tgt Ion: 96 Resp: 804916

Ion Ratio Lower Upper

96 100

61 155.3 130.2 195.2

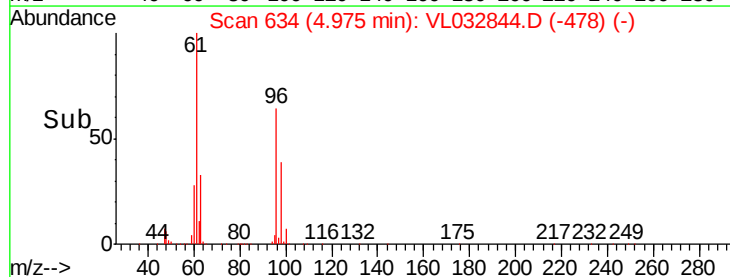
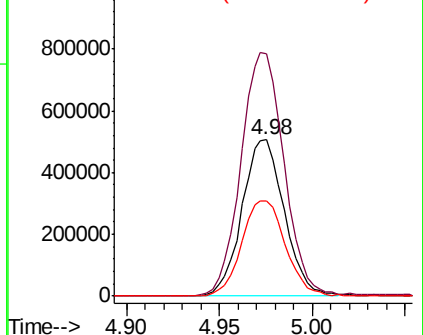
98 61.1 50.2 75.2

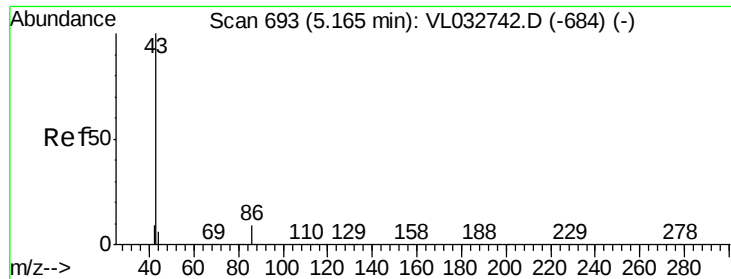


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 9.862 ppbv

RT: 5.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2303502

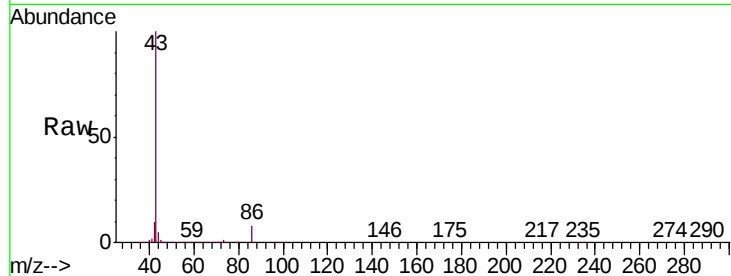
Ion Ratio Lower Upper

43 100

86 8.3 6.2 9.4

42 10.1 7.8 11.6

44 5.0 4.4 6.6

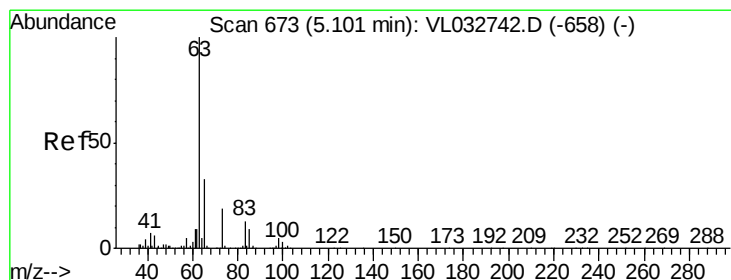
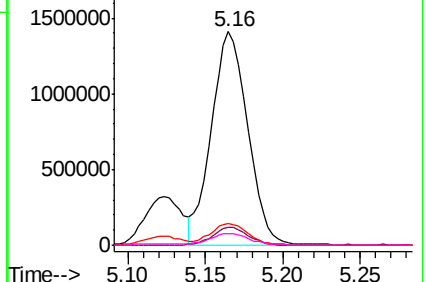
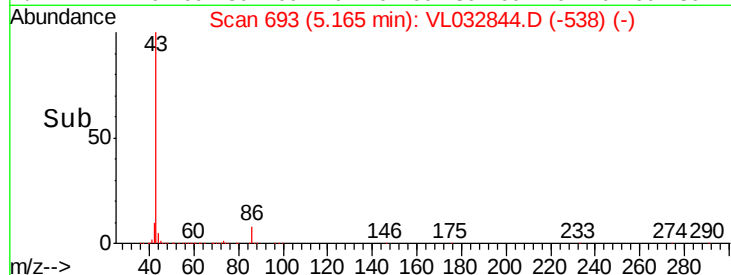


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.864 ppbv

RT: 5.10 min Scan# 673

Delta R.T. -0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

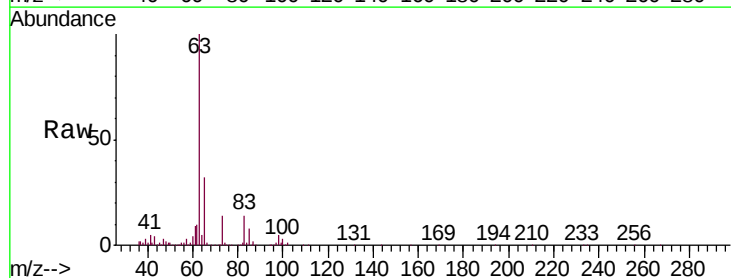
Tgt Ion: 63 Resp: 1831704

Ion Ratio Lower Upper

63 100

98 4.5 2.3 6.8

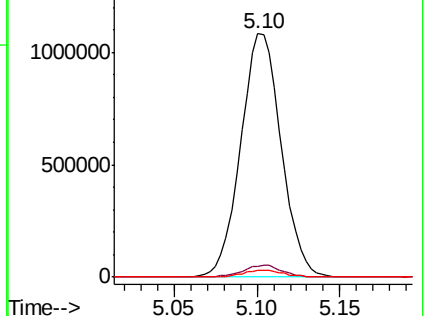
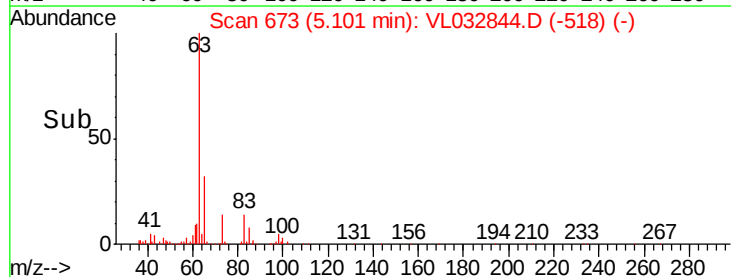
100 3.0 1.4 4.2

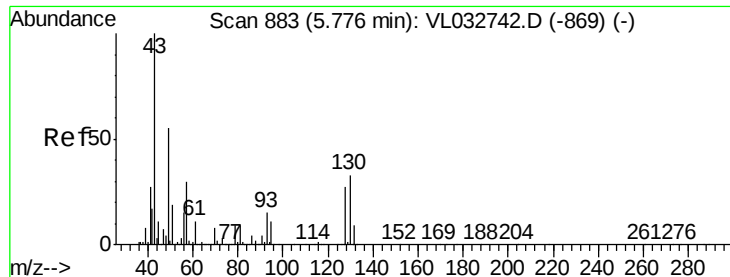


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



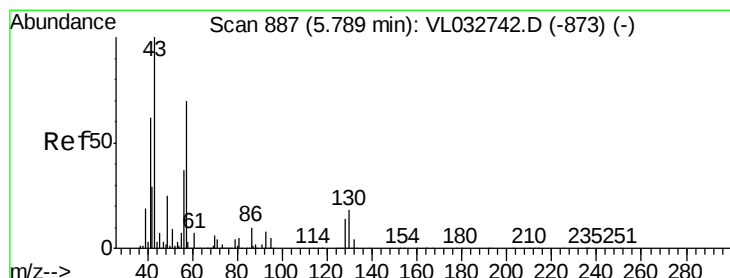
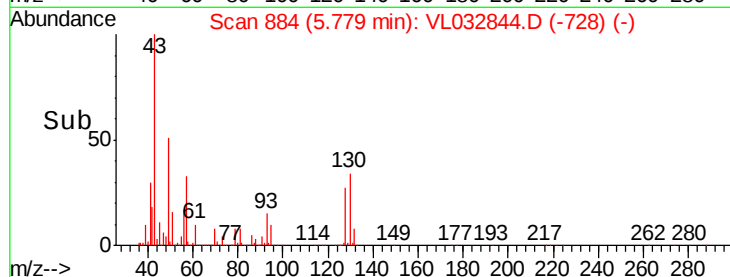
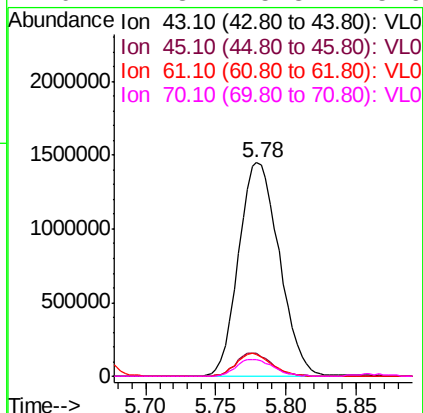
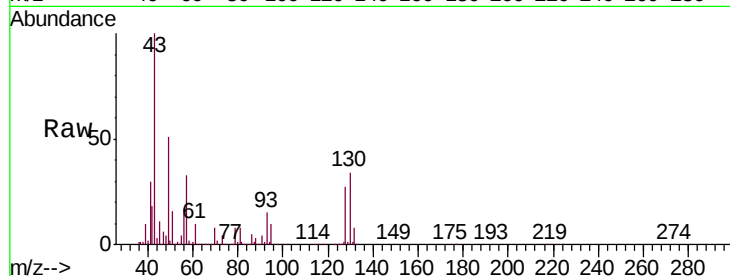


#25
Ethyl Acetate
Concen: 9.812 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.00 min
Lab File: VL032844.D
Acq: 29 Nov 2018 21:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2930276

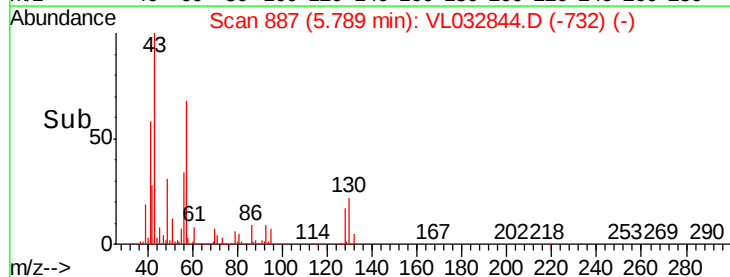
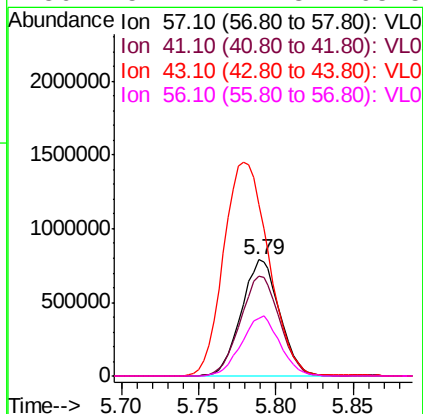
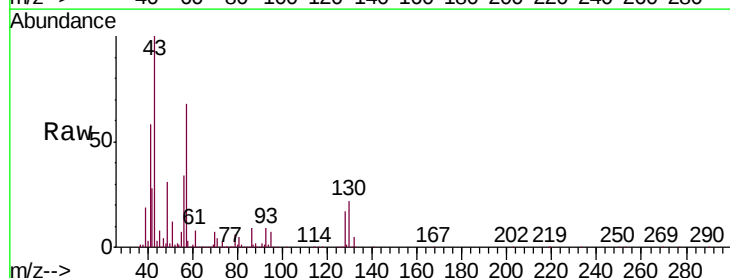
Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.9	11.9
61	9.5	7.8	11.6
70	7.3	5.8	8.6

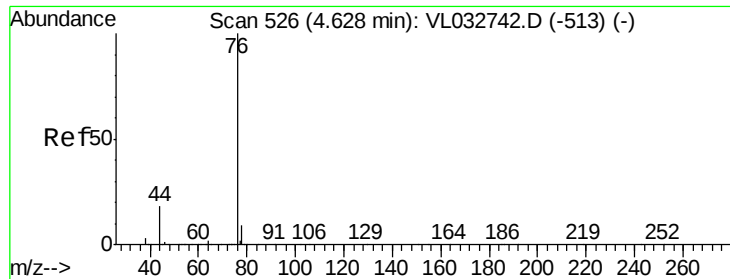


#26
Hexane
Concen: 10.220 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.00 min
Lab File: VL032844.D
Acq: 29 Nov 2018 21:17

Tgt Ion: 57 Resp: 1358603

Ion	Ratio	Lower	Upper
57	100		
41	88.4	70.3	105.5
43	216.6	174.0	261.0
56	51.7	42.3	63.5





#27

Carbon Disulfide

Concen: 10.878 ppbv

RT: 4.63 min Scan# 527

Delta R.T. 0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

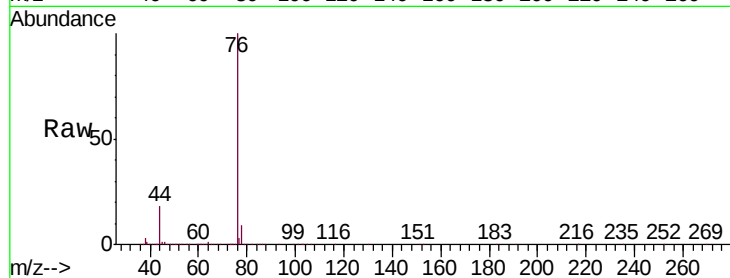
Tgt Ion: 76 Resp: 1833603

Ion Ratio Lower Upper

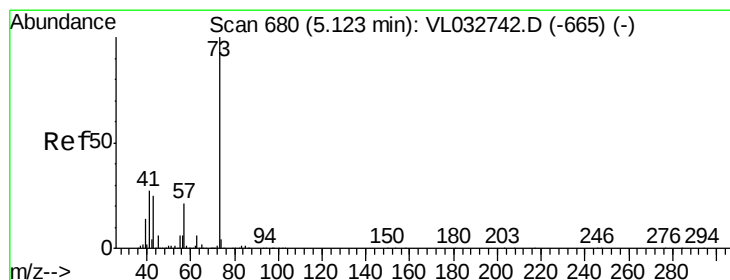
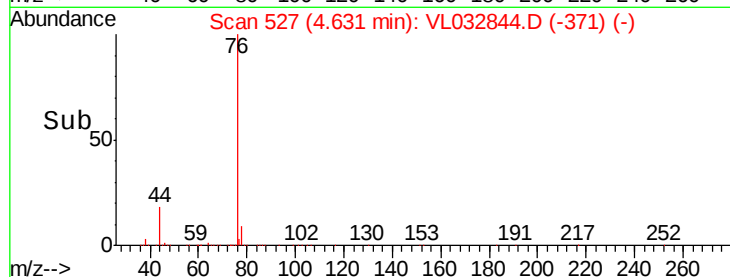
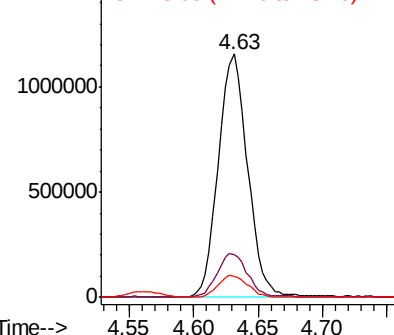
76 100

44 18.3 14.4 21.6

78 8.8 7.7 11.5



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



#28

Methyl tert-Butyl Ether

Concen: 10.576 ppbv

RT: 5.12 min Scan# 680

Delta R.T. -0.00 min

Lab File: VL032844.D

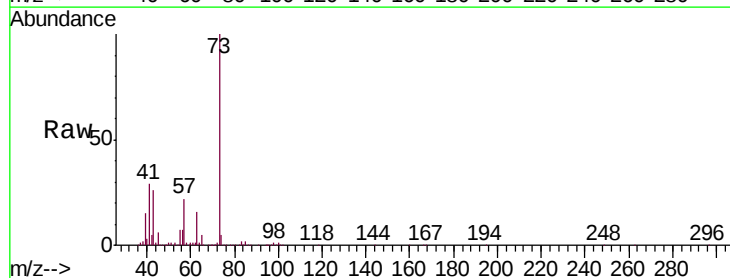
Acq: 29 Nov 2018 21:17

Tgt Ion: 73 Resp: 2242016

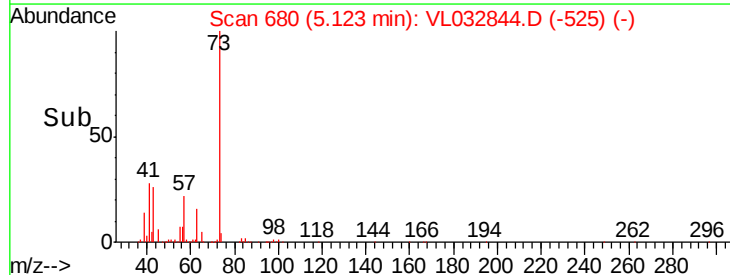
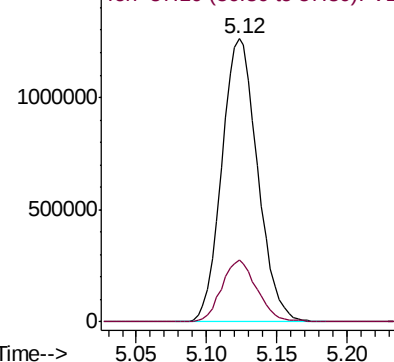
Ion Ratio Lower Upper

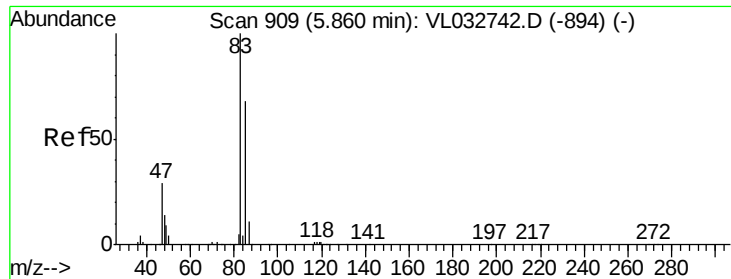
73 100

57 21.7 17.5 26.3



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





#29

Chloroform

Concen: 10.282 ppbv

RT: 5.86 min Scan# 909

Delta R.T. -0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

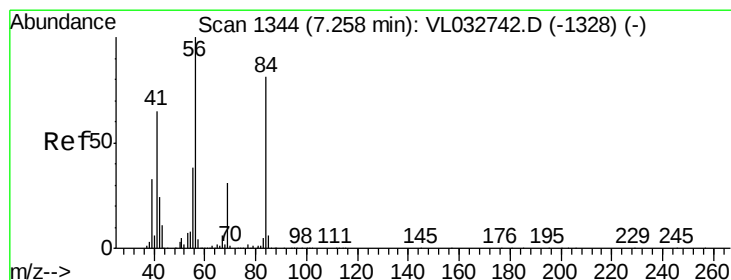
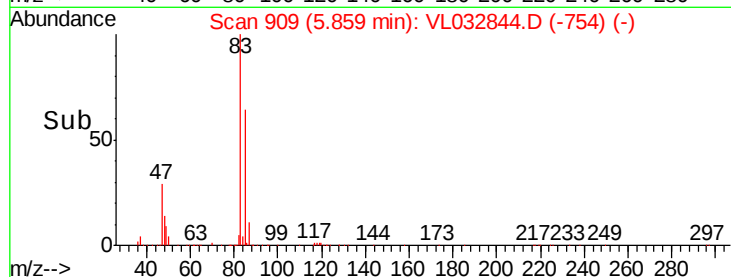
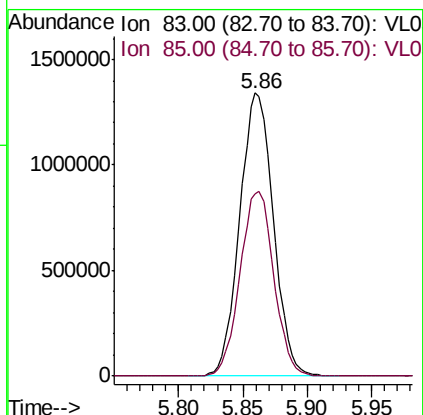
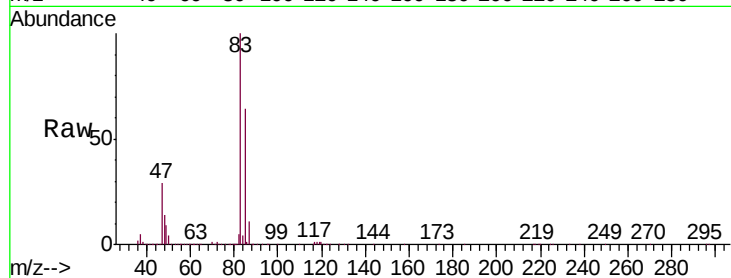
VSTDCCC010EC

Tgt Ion: 83 Resp: 2436160

Ion Ratio Lower Upper

83 100

85 64.3 54.2 81.4



#30

Cyclohexane

Concen: 10.418 ppbv

RT: 7.25 min Scan# 1343

Delta R.T. -0.00 min

Lab File: VL032844.D

Acq: 29 Nov 2018 21:17

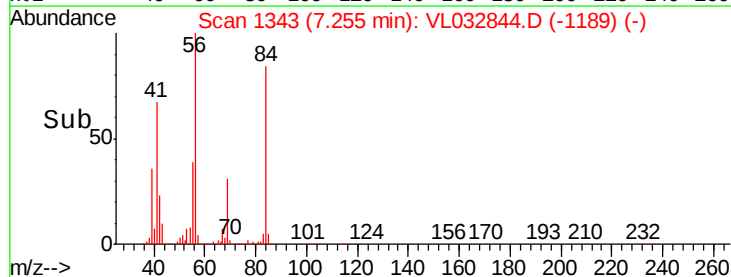
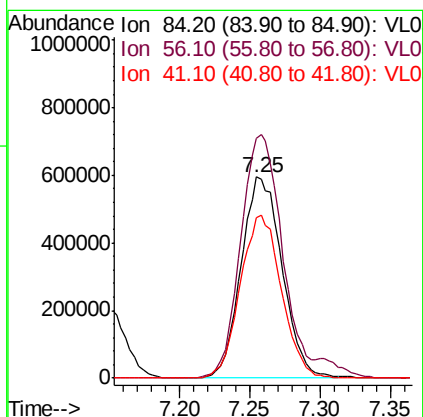
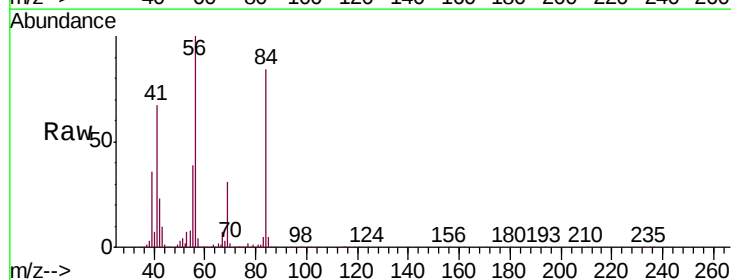
Tgt Ion: 84 Resp: 1211291

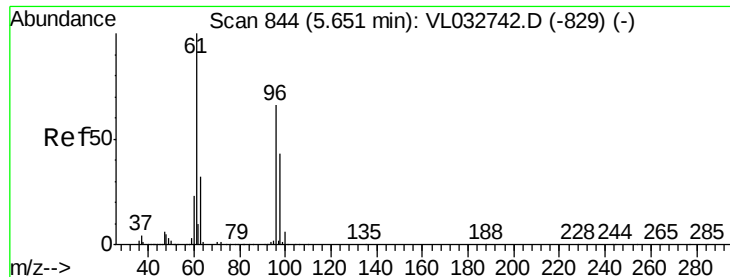
Ion Ratio Lower Upper

84 100

56 127.8 105.0 157.4

41 81.2 65.3 97.9



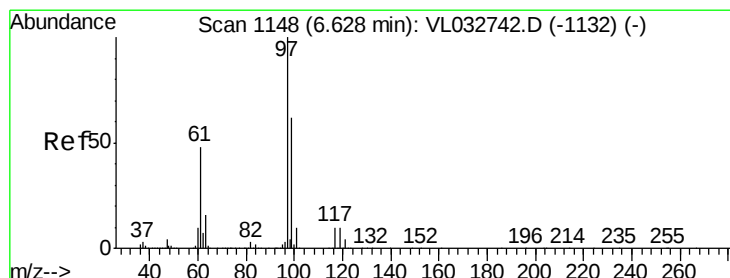
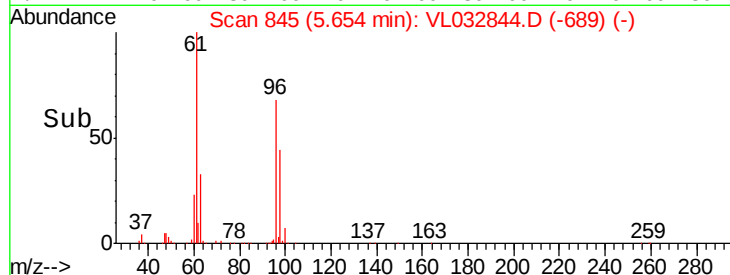
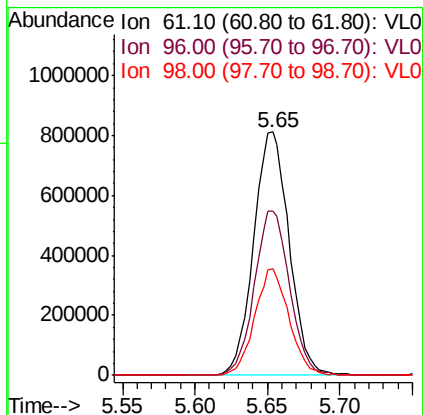
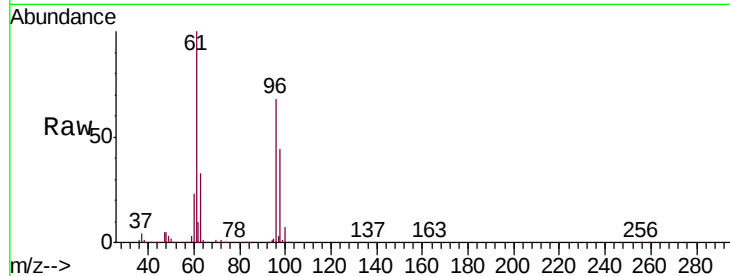


#31

cis-1,2-Dichloroethene
Concen: 10.374 ppbv
RT: 5.65 min Scan# 845
Delta R.T. 0.00 min
Lab File: VL032844.D
Acq: 29 Nov 2018 21:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

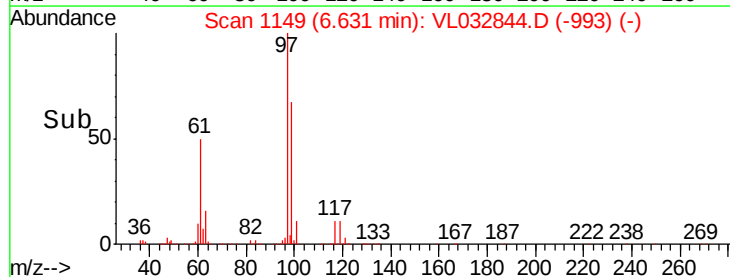
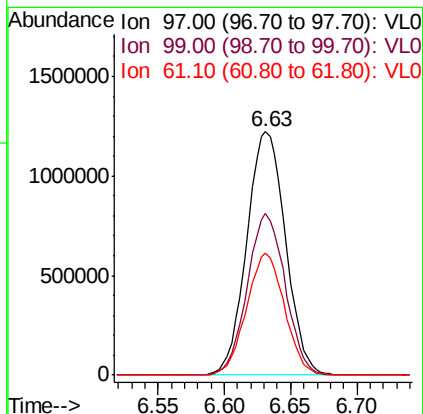
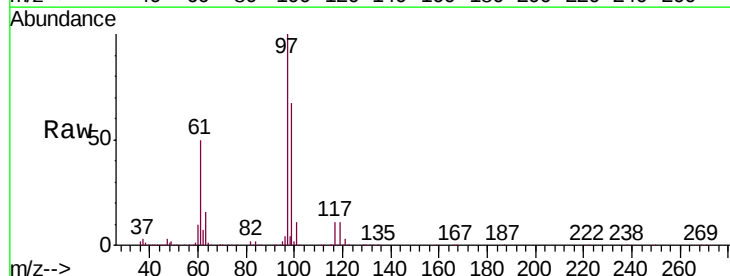
Tgt Ion: 61 Resp: 1386587
Ion Ratio Lower Upper
61 100
96 67.5 53.2 79.8
98 43.6 34.4 51.6

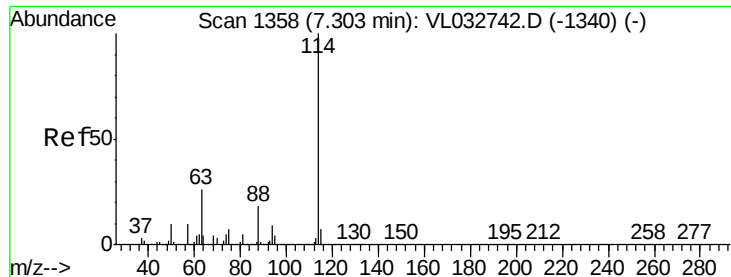


#32

1,1,1-Trichloroethane
Concen: 9.548 ppbv
RT: 6.63 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VL032844.D
Acq: 29 Nov 2018 21:17

Tgt Ion: 97 Resp: 2479803
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.6
61 49.3 39.7 59.5

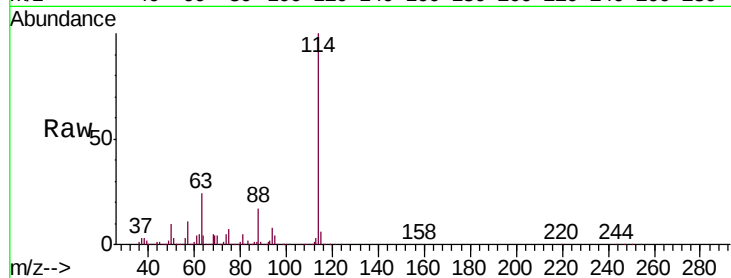




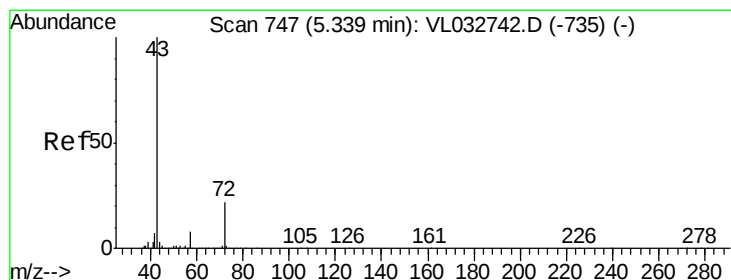
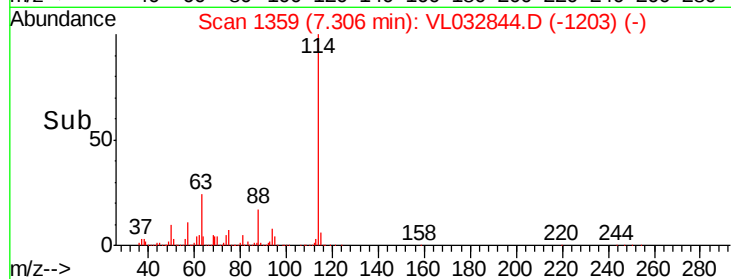
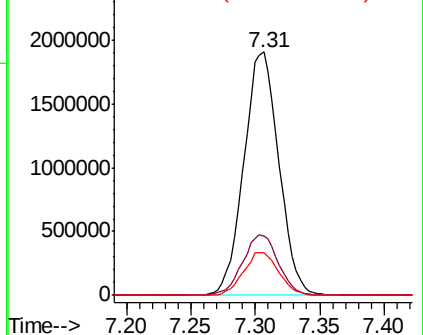
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.31 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VL032844.D
 Acq: 29 Nov 2018 21:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:114 Resp: 3609546
 Ion Ratio Lower Upper
 114 100
 63 25.6 20.9 31.3
 88 17.8 14.4 21.6

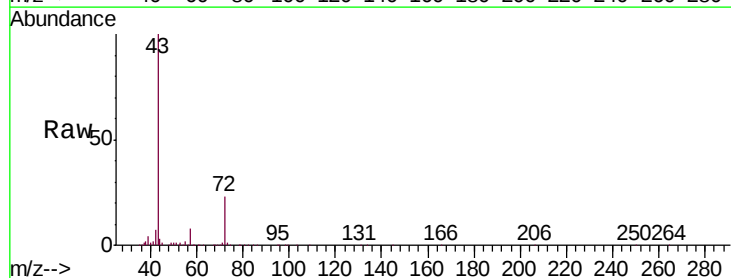


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



#34
 2-Butanone
 Concen: 9.957 ppbv
 RT: 5.34 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: VL032844.D
 Acq: 29 Nov 2018 21:17

Tgt Ion: 43 Resp: 1864114
 Ion Ratio Lower Upper
 43 100
 72 23.1 18.4 27.6



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

