

Data File : VL034802.D
Acq On : 5 Mar 2020 19:09
Operator : SY/AP
Sample : L1698-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-4-4

Quant Time: Mar 06 03:45:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.50	49	8080	10.00	ppbv	-0.18
33) 1,4-Difluorobenzene	6.98	114	117	10.00	ppbv	-0.23
55) Chlorobenzene-d5	11.76	117	262	10.00	ppbv	-0.38

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.02	95	2582	118.19	ppbv	-0.46
Spiked Amount	10.000	Range	65 - 135	Recovery	= 1181.90%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.15	85	14436	10.948	ppbv	94
3) Chlorodifluoromethane	2.91	51	90323	98.119	ppbv	95
4) Chloromethane	3.09	50	146446	295.356	ppbv #	49
5) Vinyl Chloride	3.17	62	18774581	35843.010	ppbv #	2
6) Bromomethane	3.35	94	418	1.462	ppbv #	42
7) Chloroethane	3.17	64	13738189	75852.867	ppbv #	44
8) Dichlorotetrafluoroethane	3.15	85	14436	12.602	ppbv #	21
9) Propene	2.93	41	11186503	30873.152	ppbv	84
10) Heptane	7.90	43	19566	21.248	ppbv #	27
11) Trichlorofluoromethane	3.89	101	219560	186.079	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.29	101	3291	4.042	ppbv #	75
13) Ethanol	3.55	45	3366101	27113.703	ppbv	100
14) Bromoethene	3.70	108	193	0.578	ppbv #	1
15) Acetone	3.78	43	9079585	9383.861	ppbv #	1
16) 1,3-Butadiene	3.24	39	11181377	25541.263	ppbv #	27
17) tert-Butyl alcohol	4.16	59	28754	37.688	ppbv #	1
18) 1,1-Dichloroethene	4.14	96	897	2.498	ppbv #	1
19) Isopropyl Alcohol	3.87	45	4759308	8209.416	ppbv #	1
20) Methylene Chloride	4.30	84	205122	593.987	ppbv	92
21) Allyl Chloride	4.36	41	75663	123.484	ppbv #	1
22) trans-1,2-Dichloroethene	5.07	96	2725	7.775	ppbv	85
23) Vinyl Acetate	4.93	43	49676	38.287	ppbv #	47
24) 1,1-Dichloroethane	5.06	63	58047	57.641	ppbv	99
25) Ethyl Acetate	5.44	43	70248	42.014	ppbv #	45
26) Hexane	5.56	57	3040379	4162.357	ppbv #	1
27) Carbon Disulfide	4.40	76	1750	2.051	ppbv #	1
28) Methyl tert-Butyl Ether	4.87	73	11352	10.441	ppbv #	52
30) Cyclohexane	6.88	84	920470	1647.166	ppbv #	61
31) cis-1,2-Dichloroethene	5.54	61	134344	179.318	ppbv	90
32) 1,1,1-Trichloroethane	6.33	97	1759	1.448	ppbv #	21
34) 2-Butanone	5.18	43	2500717	328534.772	ppbv #	54
35) Carbon Tetrachloride	6.56	117	568	64.338	ppbv	96
36) Benzene	7.00	78	23353946	2335923.152	ppbv #	81
37) 1,2-Dichloroethane	6.13	62	32509	4760.465	ppbv #	84
38) Trichloroethene	7.62	130	95	24.380	ppbv #	1
39) 1,2-Dichloropropane	7.50	63	160211	39707.957	ppbv	93
40) 1,4-Dioxane	7.61	88	1036	742.381	ppbv #	1
41) Tetrahydrofuran	5.92	42	13044	3358.595	ppbv #	36
42) Bromodichloromethane	7.57	83	74707	8646.165	ppbv #	38
43) Methyl Methacrylate	7.80	69	29842	7043.923	ppbv #	1
44) 2,2,4-Trimethylpentane	7.59	57	2280554	130531.315	ppbv #	1

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QLast Update : Wed Mar 04 06:36:39 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) t-1,3-Dichloropropene	9.03	75	9521	2140.712	ppbv #	1
46) cis-1,3-Dichloropropene	8.47	75	962	177.134	ppbv #	23
47) 1,1,2-Trichloroethane	9.27	97	51780	12155.758	ppbv #	1
48) Dibromochloromethane	10.03	129	596	89.475	ppbv #	10
49) Bromoform	12.76	173	63	10.839	ppbv #	1
50) 4-Methyl-2-Pentanone	8.61	43	61464	5635.534	ppbv #	39
51) 2-Hexanone	9.82	43	977709	114277.968	ppbv #	29
52) Tetrachloroethene	10.97	164	84	22.741	ppbv #	1
53) Toluene	9.63	91	110117	10406.729	ppbv #	81
54) 1,2-Dibromoethane	10.32	107	331	52.551	ppbv #	20
56) 1,1,1,2-Tetrachloroethane	11.68	131	1574	135.587	ppbv #	30
57) Chlorobenzene	11.81	112	249851	12483.867	ppbv #	38
58) Ethyl Benzene	12.84	91	3605	111.653	ppbv	96
59) m/p-Xylene	12.68	91	46602	1667.371	ppbv #	31
60) o-Xylene	13.22	91	1121615	39663.096	ppbv	92
61) Styrene	13.16	104	598	34.088	ppbv #	26
62) Isopropylbenzene	13.93	105	1321	31.740	ppbv	92
63) 1,1,2,2-Tetrachloroethane	13.29	83	87699	3934.043	ppbv #	1
64) n-propylbenzene	15.15	120	88	8.433	ppbv #	1
65) tert-Butylbenzene	16.41	119	30	0.853	ppbv #	1
66) Benzyl Chloride	16.53	91	523	45.993	ppbv #	89
67) sec-Butylbenzene	16.85	105	88	1.717	ppbv #	59
69) p-Isopropyltoluene	17.07	119	267	6.437	ppbv #	1
70) n-Butylbenzene	18.04	91	228	5.027	ppbv #	32
71) 2-Chlorotoluene	15.04	91	687	21.855	ppbv #	45
72) 4-Ethyltoluene	15.41	105	33	1.048	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.54	105	55	1.821	ppbv #	32
74) 1,2,4-Trimethylbenzene	16.34	105	84	2.559	ppbv #	41
75) 1,3-Dichlorobenzene	16.21	146	65	3.344	ppbv #	1
76) 1,4-Dichlorobenzene	17.06	146	125	6.721	ppbv #	1
77) 1,2-Dichlorobenzene	17.06	146	125	6.723	ppbv #	1
78) Hexachloro-1,3-Butadiene	22.65	225	68	4.383	ppbv #	18
79) Naphthalene	21.44	128	80	3.242	ppbv #	69
80) Naphthalene,2-methyl-	24.14	142	63	10.691	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.50	180	63	4.039	ppbv #	18

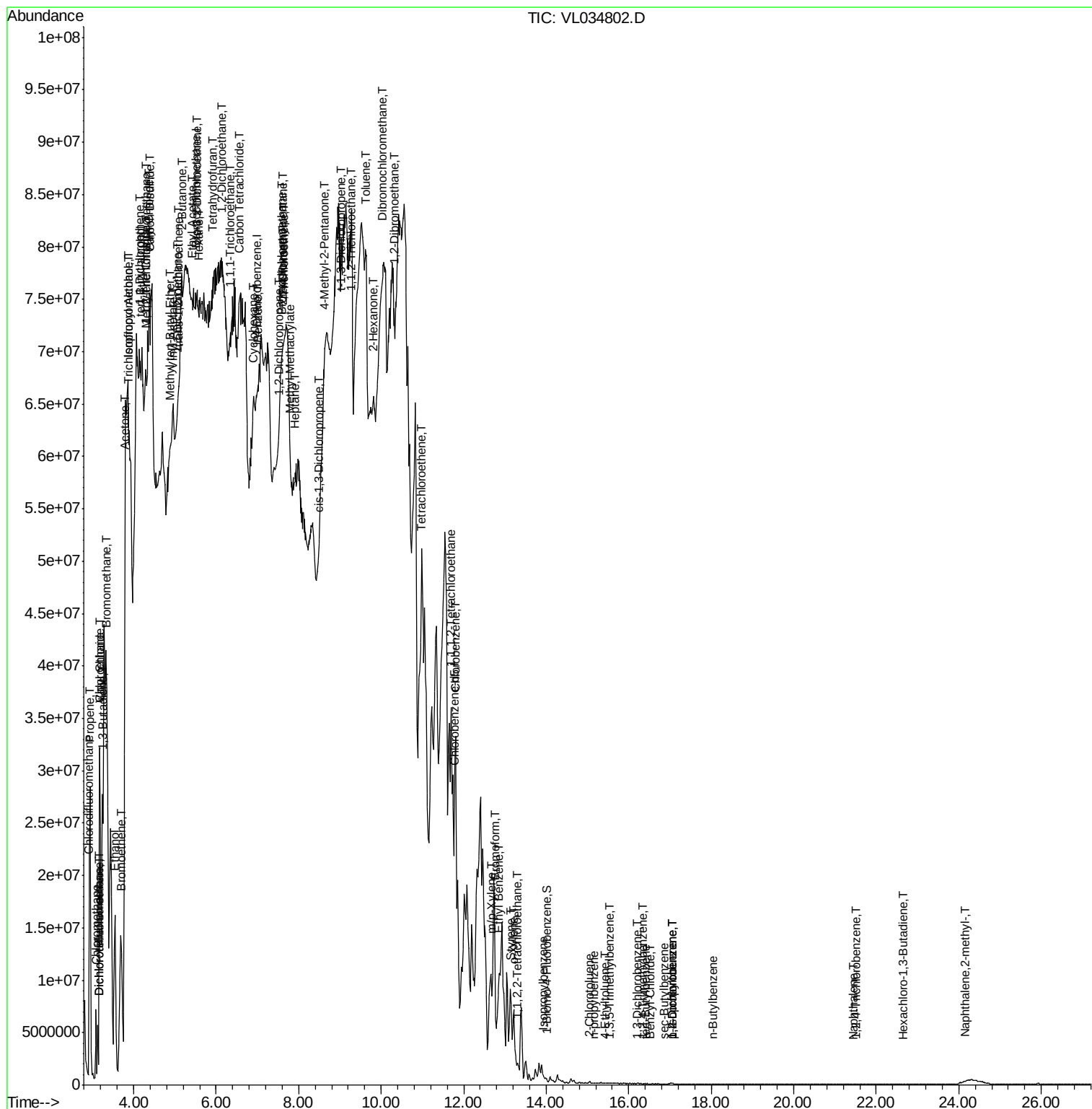
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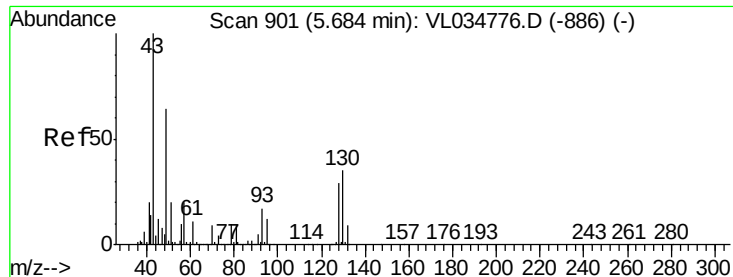
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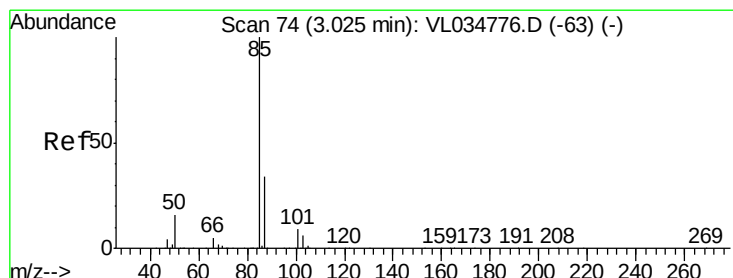
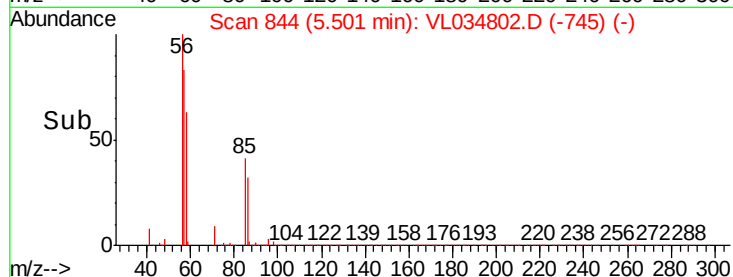
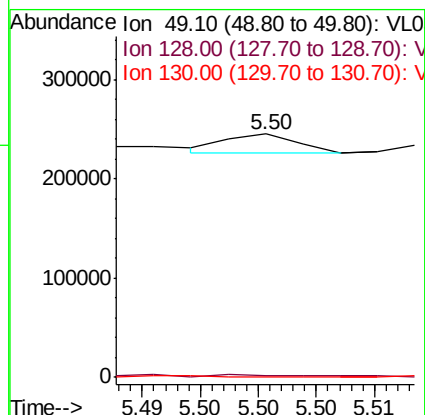
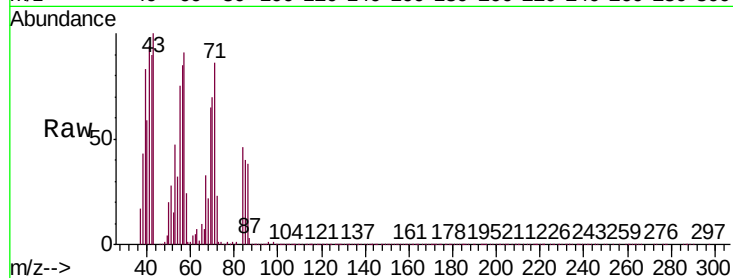




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.50 min Scan# 844
 Delta R.T. -0.18 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

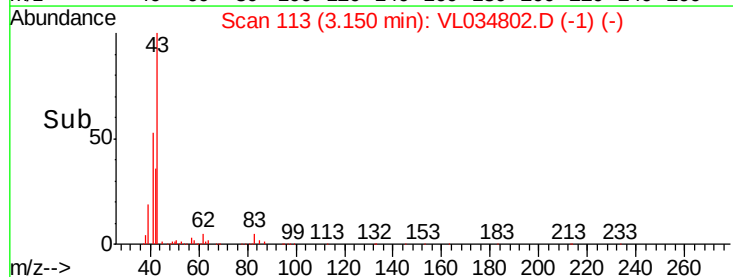
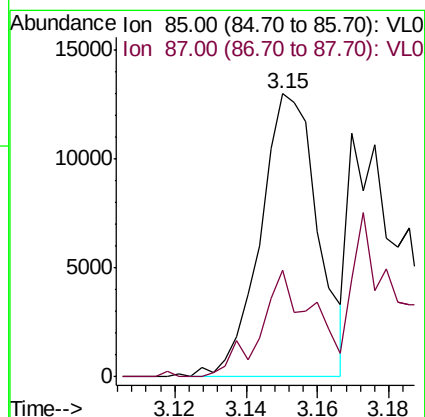
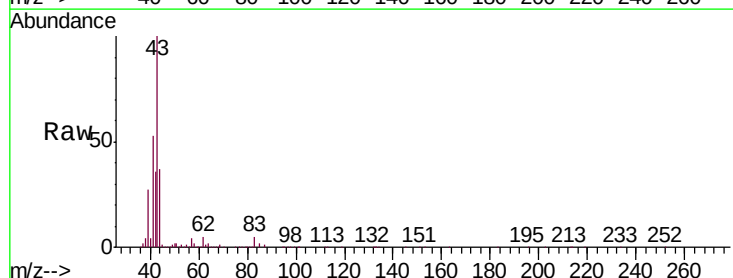
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-4-4

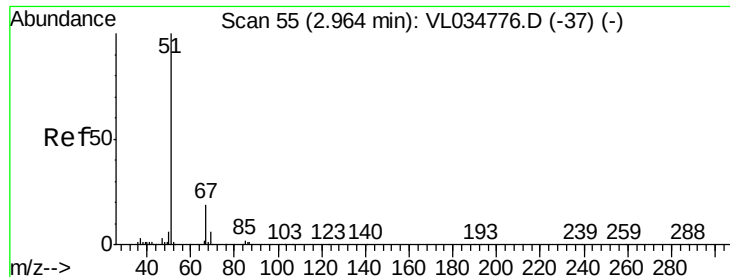
Tgt Ion: 49 Resp: 8080
 Ion Ratio Lower Upper
 49 100
 128 28.7 21.6 64.6
 130 43.7 27.4 82.2



#2
 Dichlorodifluoromethane
 Concen: 10.948 ppbv
 RT: 3.15 min Scan# 113
 Delta R.T. 0.13 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

Tgt Ion: 85 Resp: 14436
 Ion Ratio Lower Upper
 85 100
 87 37.5 27.2 40.8





#3

Chlorodifluoromethane

Concen: 98.119 ppbv

RT: 2.91 min Scan# 39

Delta R.T. -0.05 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

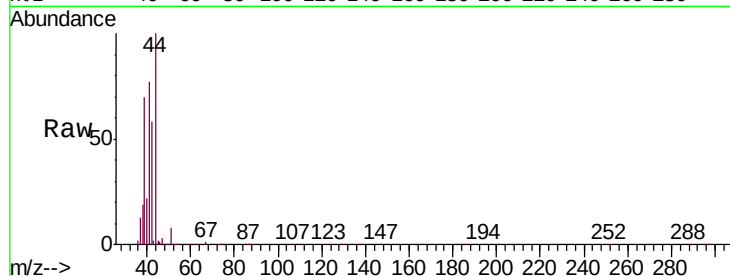
SS-4-4

Tgt Ion: 51 Resp: 90323

Ion Ratio Lower Upper

51 100

67 21.4 15.3 22.9



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

200000

150000

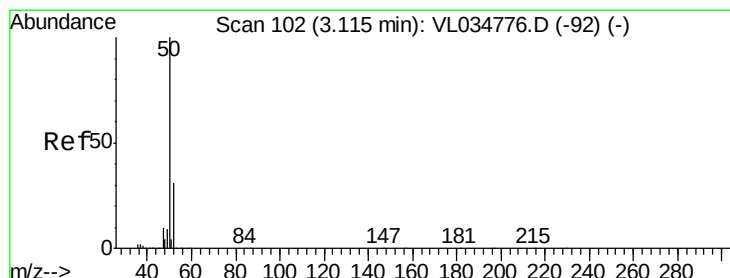
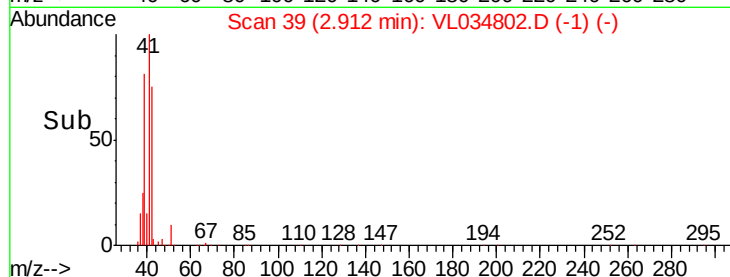
100000

50000

0

2.85 2.90

Time-->



#4

Chloromethane

Concen: 295.356 ppbv

RT: 3.09 min Scan# 94

Delta R.T. -0.03 min

Lab File: VL034802.D

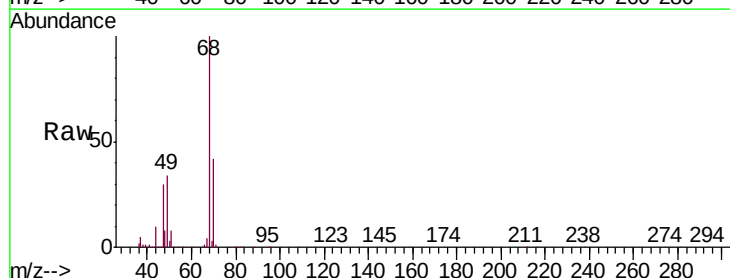
Acq: 5 Mar 2020 19:09

Tgt Ion: 50 Resp: 146446

Ion Ratio Lower Upper

50 100

52 3.1 25.0 37.4#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

100000

80000

60000

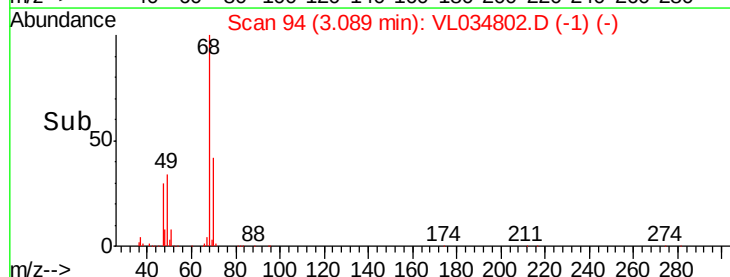
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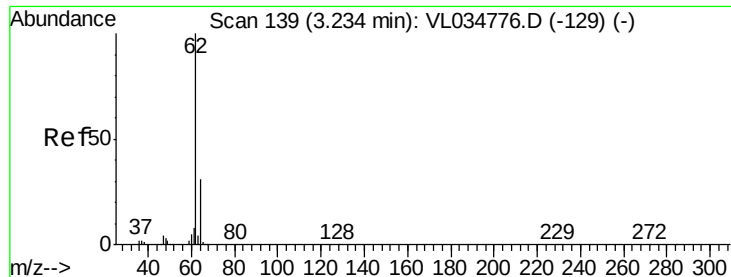
20000

0

3.00 3.05 3.10

Time-->





#5

Vinyl Chloride

Concen: 35843.010 ppbv

RT: 3.17 min Scan# 119

Delta R.T. -0.06 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

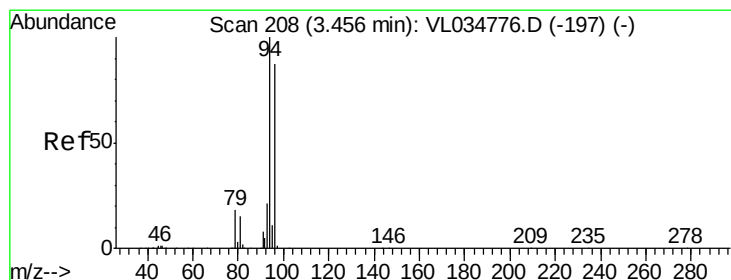
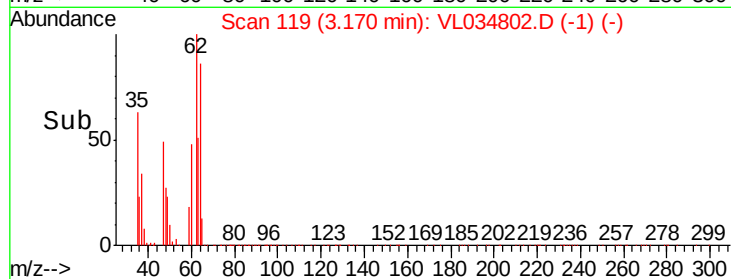
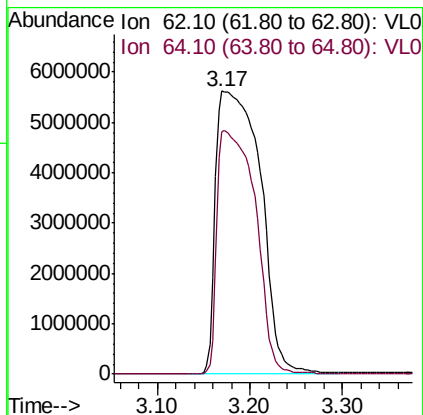
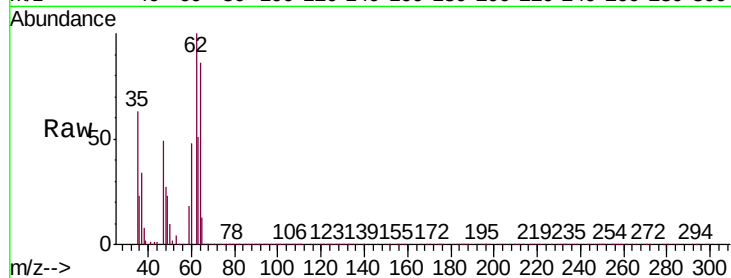
SS-4-4

Tgt Ion: 62 Resp:18774581

Ion Ratio Lower Upper

62 100

64 85.6 25.1 37.7#



#6

Bromomethane

Concen: 1.462 ppbv

RT: 3.35 min Scan# 175

Delta R.T. -0.11 min

Lab File: VL034802.D

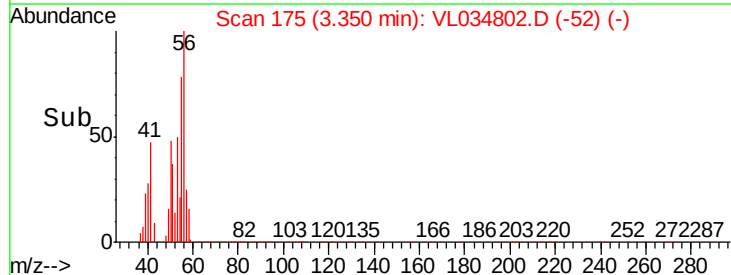
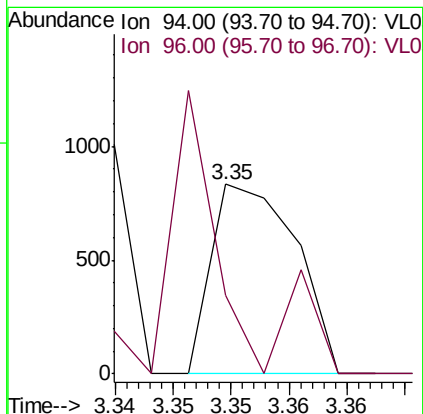
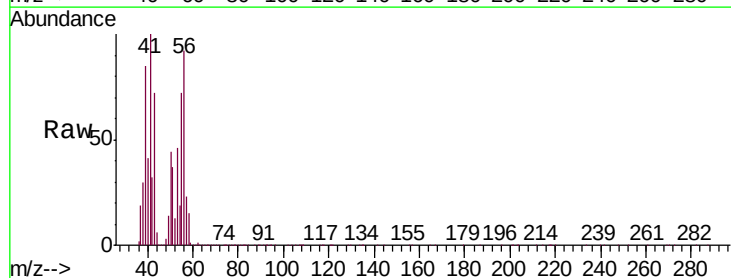
Acq: 5 Mar 2020 19:09

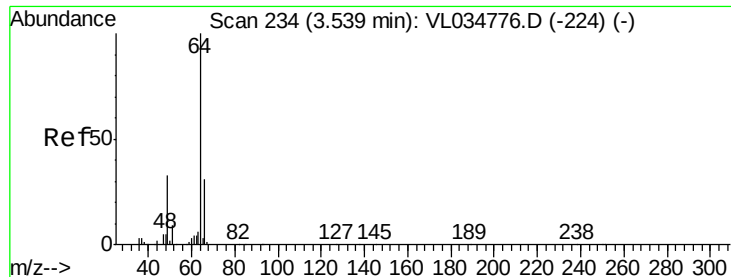
Tgt Ion: 94 Resp: 418

Ion Ratio Lower Upper

94 100

96 34.1 70.0 105.0#





#7

Chloroethane

Concen: 75852.867 ppbv

RT: 3.17 min Scan# 120

Delta R.T. -0.37 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

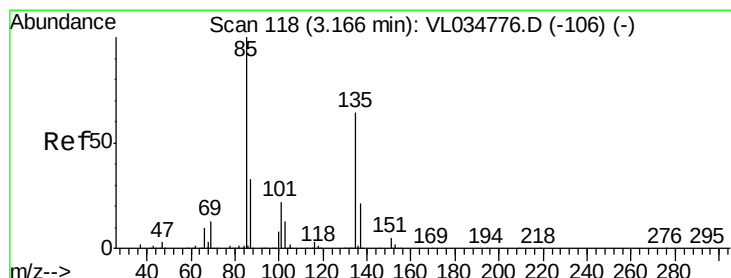
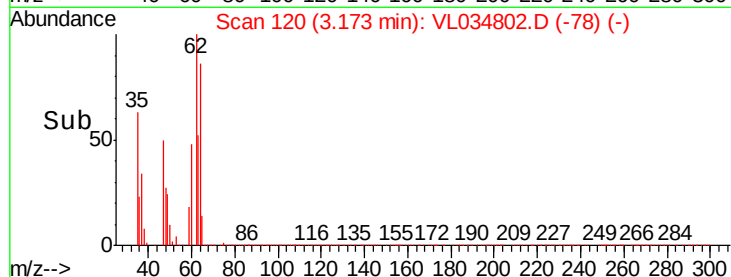
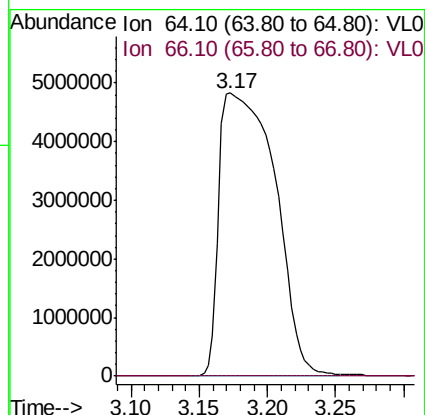
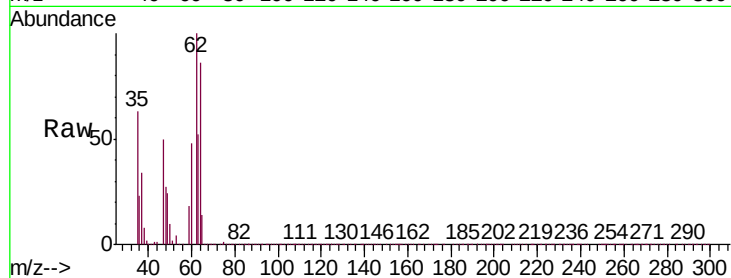
SS-4-4

Tgt Ion: 64 Resp:13738189

Ion Ratio Lower Upper

64 100

66 0.2 24.8 37.2#



#8

Dichlorotetrafluoroethane

Concen: 12.602 ppbv

RT: 3.15 min Scan# 113

Delta R.T. -0.02 min

Lab File: VL034802.D

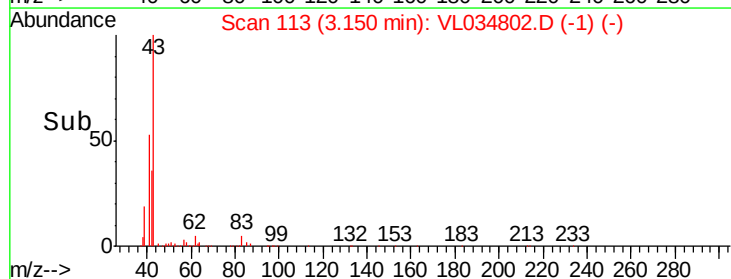
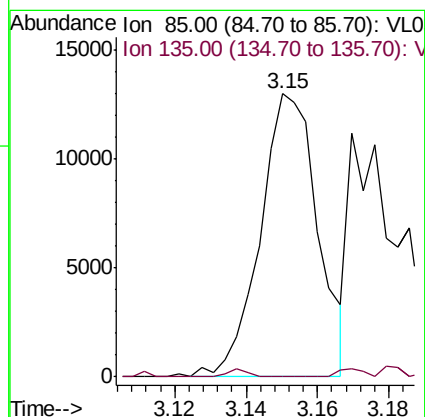
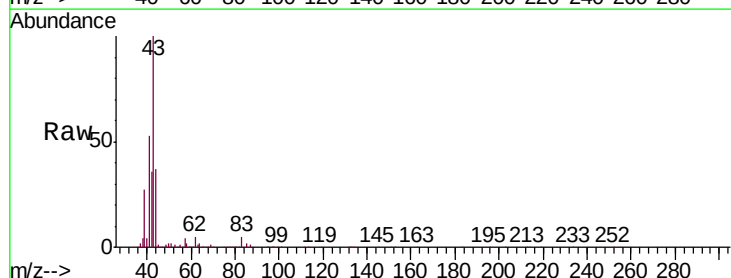
Acq: 5 Mar 2020 19:09

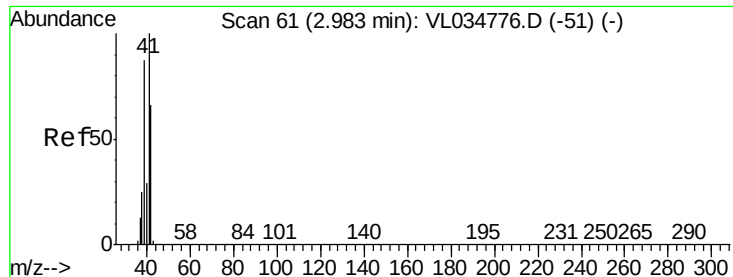
Tgt Ion: 85 Resp: 14436

Ion Ratio Lower Upper

85 100

135 0.9 49.4 74.2#





#9

Propene

Concen: 30873.152 ppbv

RT: 2.93 min Scan# 45

Delta R.T. -0.05 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

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ClientSampleId :

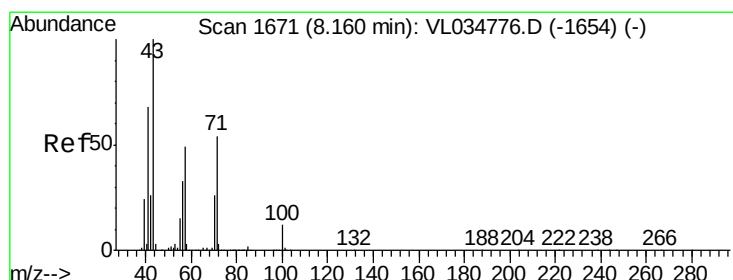
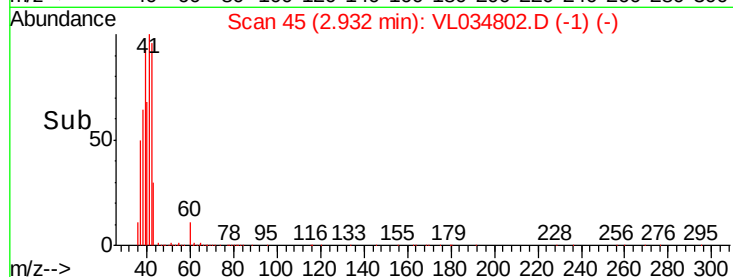
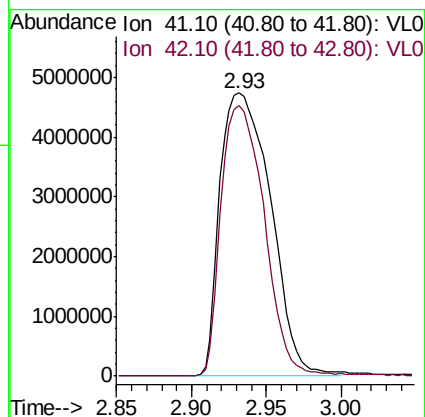
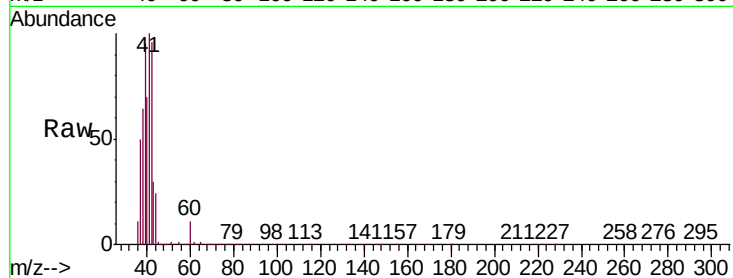
SS-4-4

Tgt Ion: 41 Resp: 11186503

Ion Ratio Lower Upper

41 100

42 82.2 55.6 83.4



#10

Heptane

Concen: 21.248 ppbv

RT: 7.90 min Scan# 1591

Delta R.T. -0.26 min

Lab File: VL034802.D

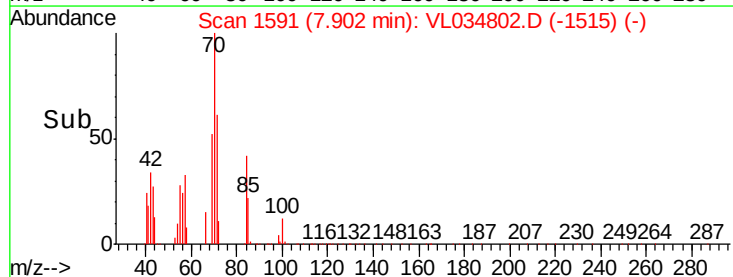
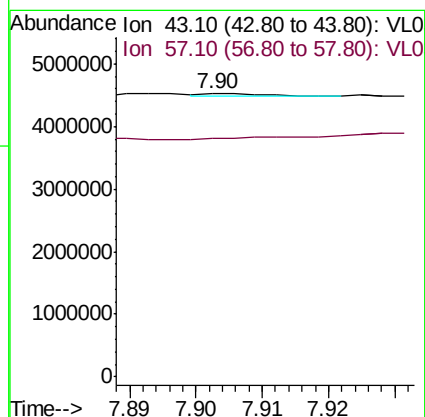
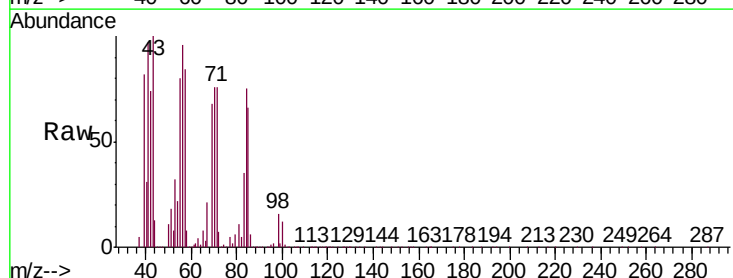
Acq: 5 Mar 2020 19:09

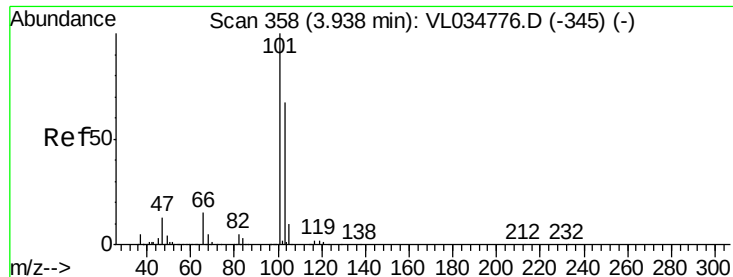
Tgt Ion: 43 Resp: 19566

Ion Ratio Lower Upper

43 100

57 0.0 40.5 60.7#





#11

Trichlorofluoromethane

Concen: 186.079 ppbv

RT: 3.89 min Scan# 344

Delta R.T. -0.05 min

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ClientSampleId :

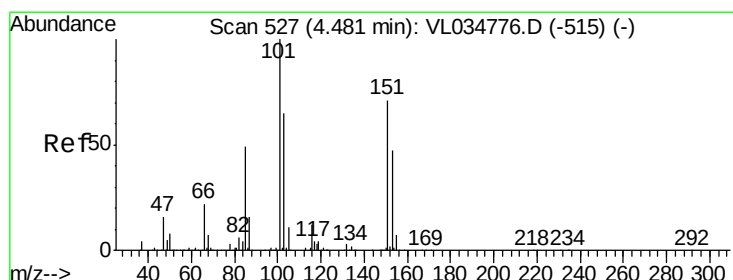
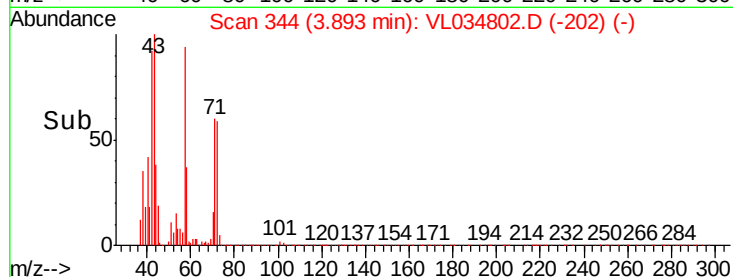
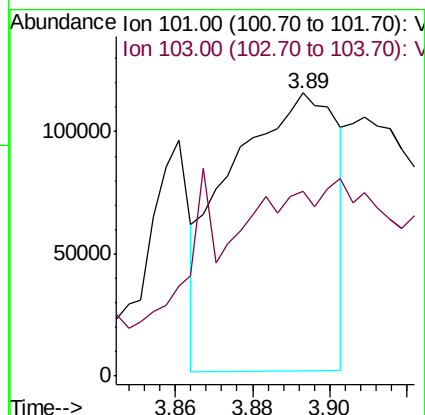
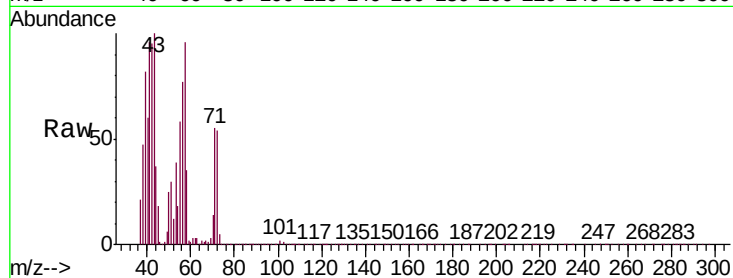
SS-4-4

Tgt Ion:101 Resp: 219560

Ion Ratio Lower Upper

101 100

103 63.6 53.6 80.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 4.042 ppbv

RT: 4.29 min Scan# 469

Delta R.T. -0.19 min

Lab File: VL034802.D

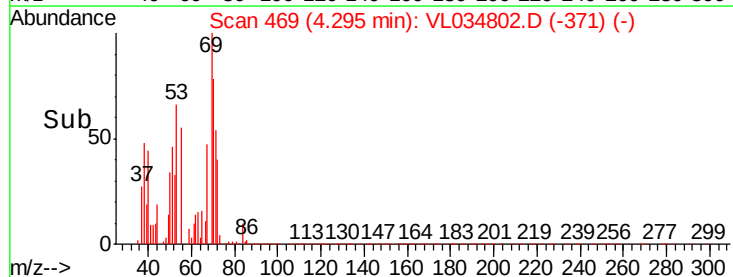
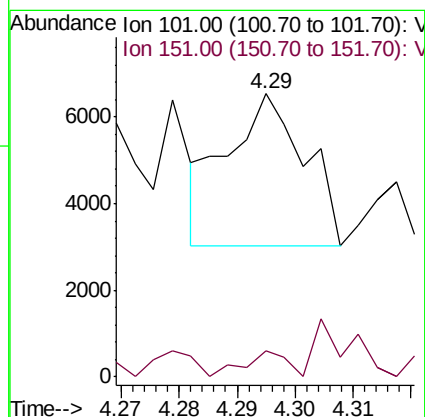
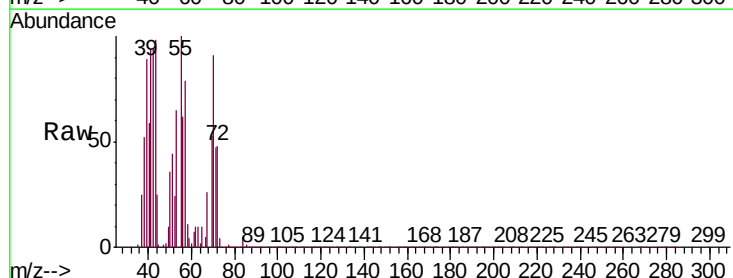
Acq: 5 Mar 2020 19:09

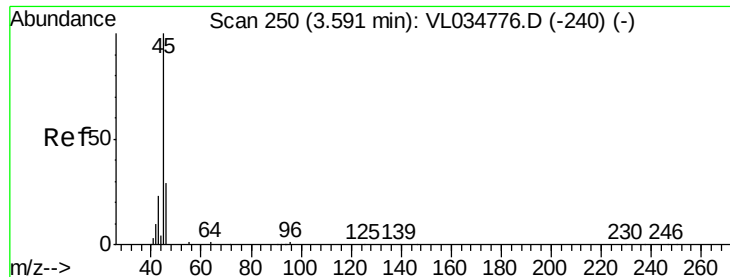
Tgt Ion:101 Resp: 3291

Ion Ratio Lower Upper

101 100

151 49.8 56.6 85.0#





#13

Ethanol

Concen: 27113.703 ppbv

RT: 3.55 min Scan# 238

Delta R.T. -0.04 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

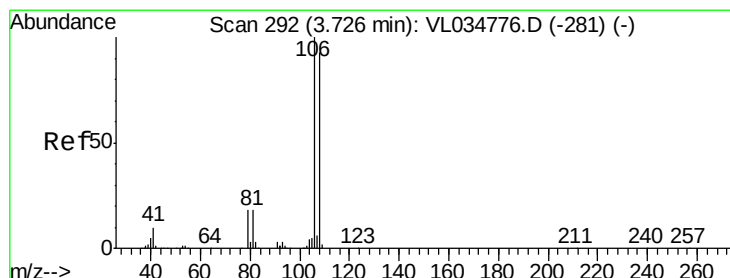
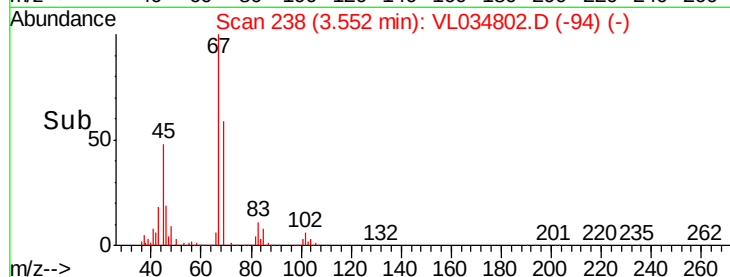
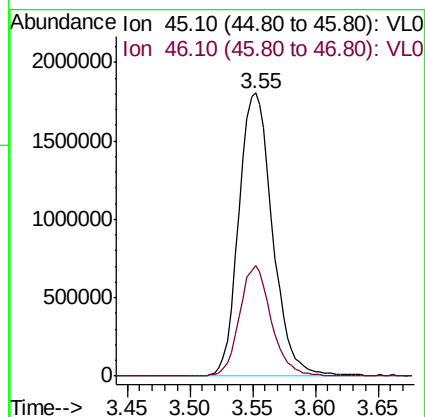
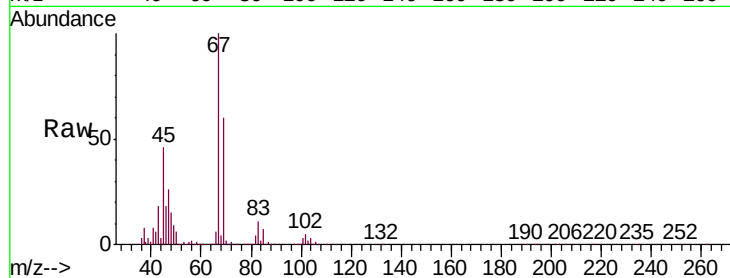
SS-4-4

Tgt Ion: 45 Resp: 3366101

Ion Ratio Lower Upper

45 100

46 36.9 14.7 58.9



#14

Bromoethene

Concen: 0.578 ppbv

RT: 3.70 min Scan# 284

Delta R.T. -0.03 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

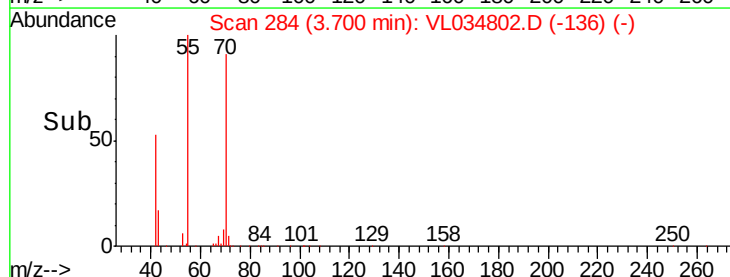
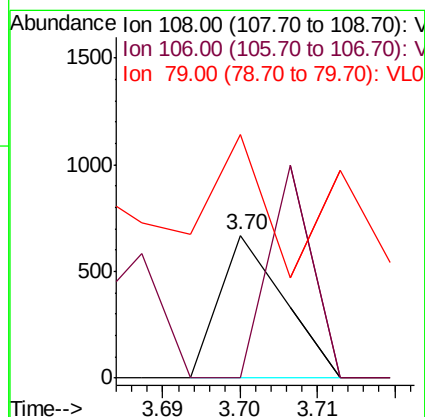
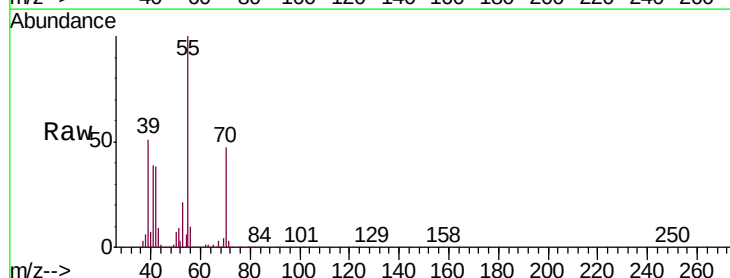
Tgt Ion: 108 Resp: 193

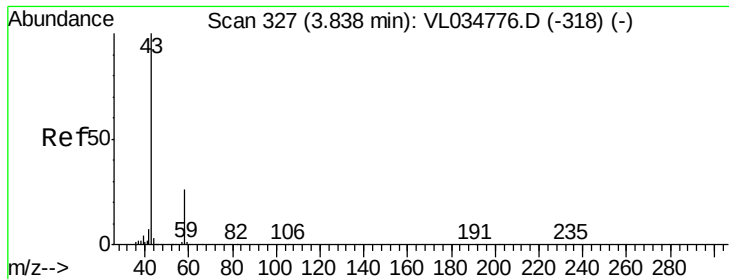
Ion Ratio Lower Upper

108 100

106 0.0 83.5 125.3#

79 1444.0 15.6 23.4#





#15

Acetone

Concen: 9383.861 ppbv

RT: 3.78 min Scan# 309

Delta R.T. -0.06 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

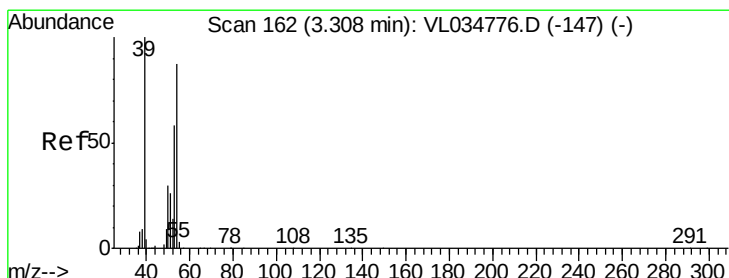
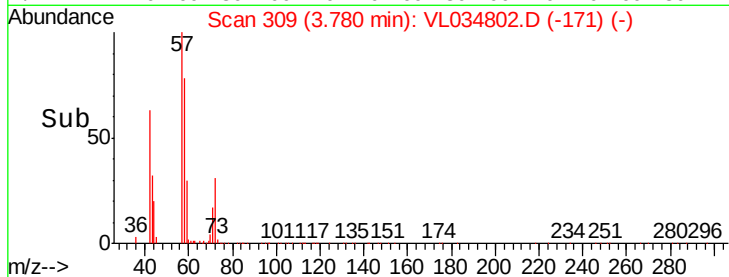
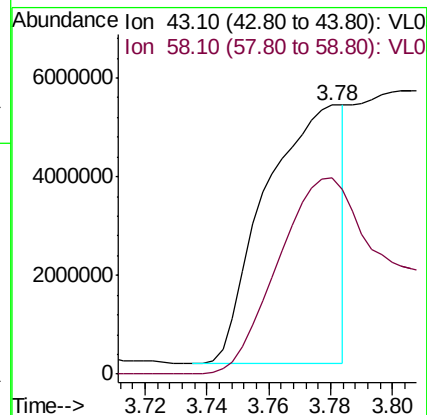
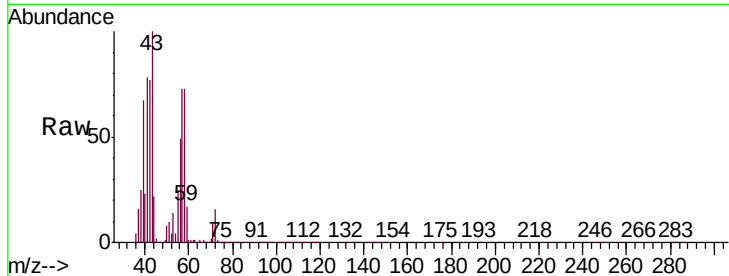
SS-4-4

Tgt Ion: 43 Resp: 9079585

Ion Ratio Lower Upper

43 100

58 118.2 21.0 31.6#



#16

1,3-Butadiene

Concen: 25541.263 ppbv

RT: 3.24 min Scan# 142

Delta R.T. -0.06 min

Lab File: VL034802.D

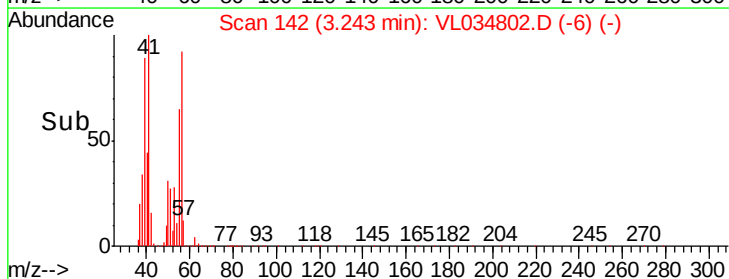
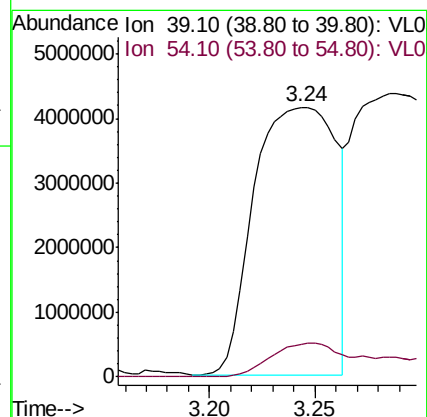
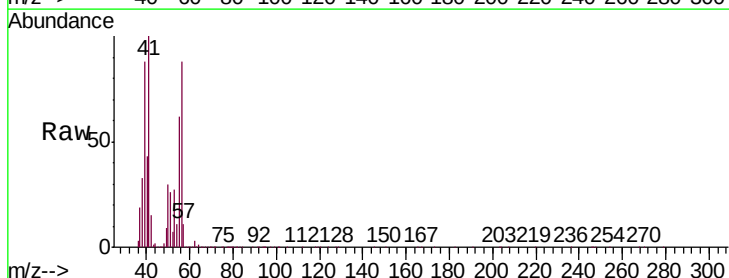
Acq: 5 Mar 2020 19:09

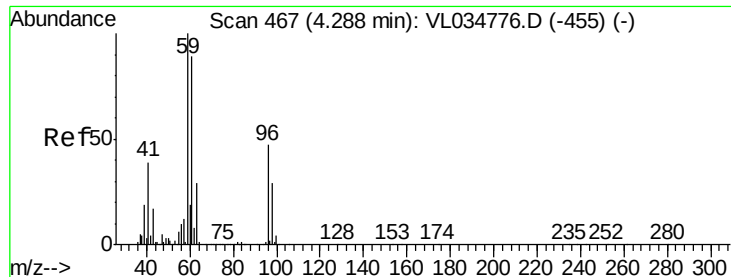
Tgt Ion: 39 Resp: 11181377

Ion Ratio Lower Upper

39 100

54 15.9 64.2 96.2#

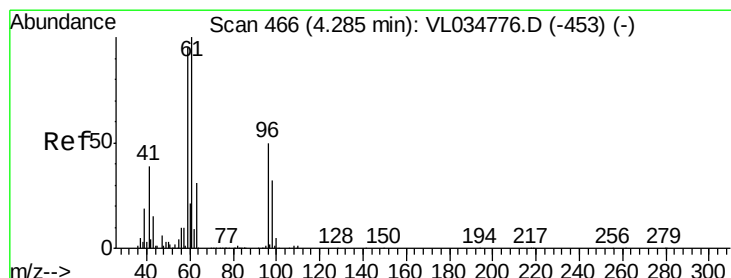
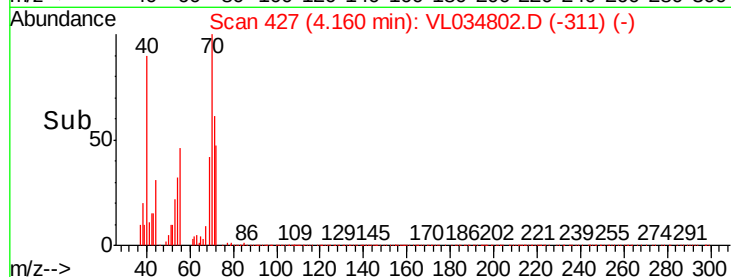
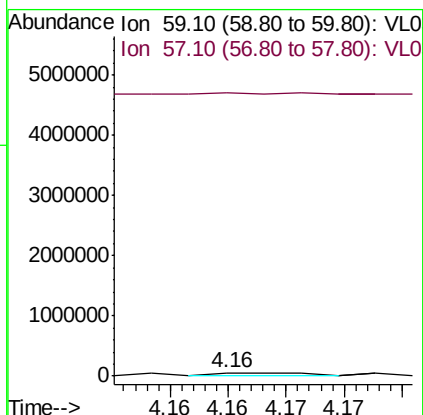
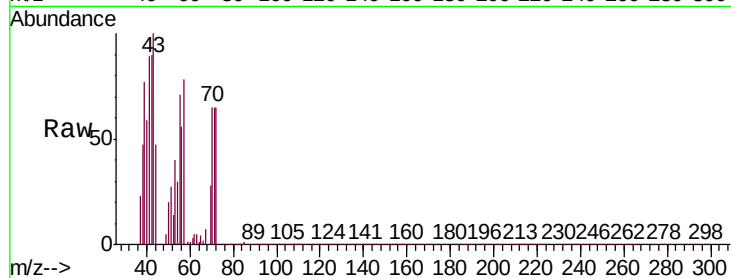




#17
 tert-Butyl alcohol
 Concen: 37.688 ppbv
 RT: 4.16 min Scan# 427
 Delta R.T. -0.13 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

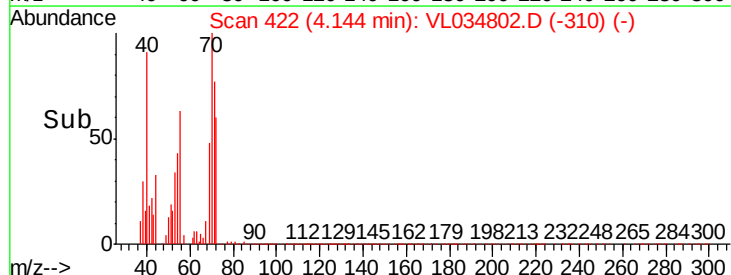
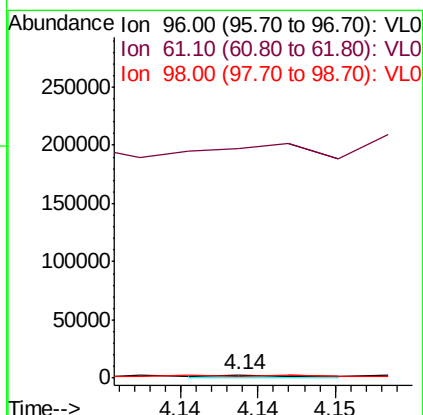
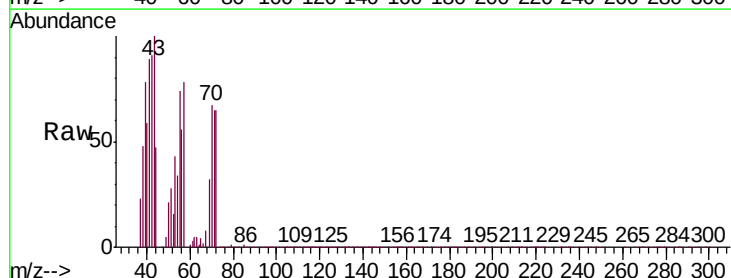
Instrument :
 MSVOA_L
 ClientSampleID :
 SS-4-4

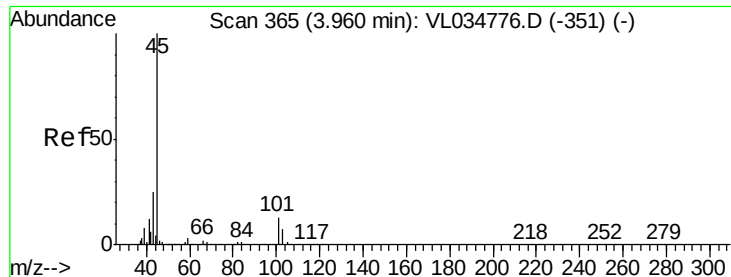
Tgt Ion: 59 Resp: 28754
 Ion Ratio Lower Upper
 59 100
 57 68097.6 8.6 13.0#



#18
 1,1-Dichloroethene
 Concen: 2.498 ppbv
 RT: 4.14 min Scan# 422
 Delta R.T. -0.14 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

Tgt Ion: 96 Resp: 897
 Ion Ratio Lower Upper
 96 100
 61 478.9 159.5 239.3#
 98 0.0 51.1 76.7#



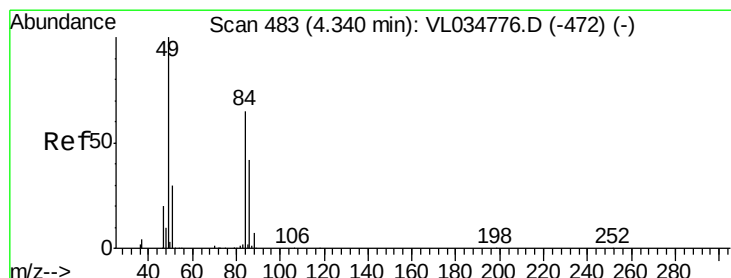
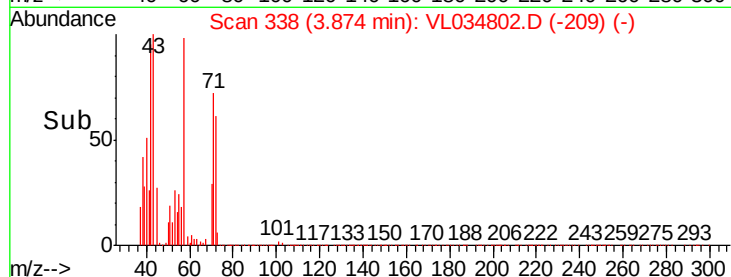
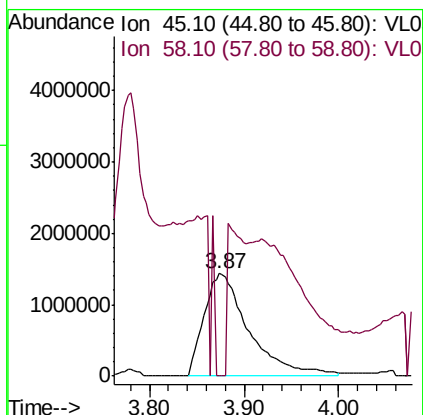
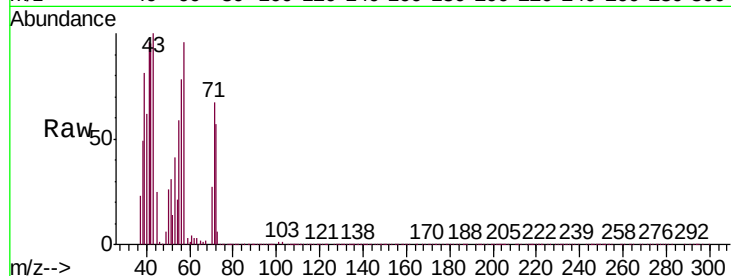


#19

Isopropyl Alcohol
 Concen: 8209.416 ppbv
 RT: 3.87 min Scan# 338
 Delta R.T. -0.09 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-4-4

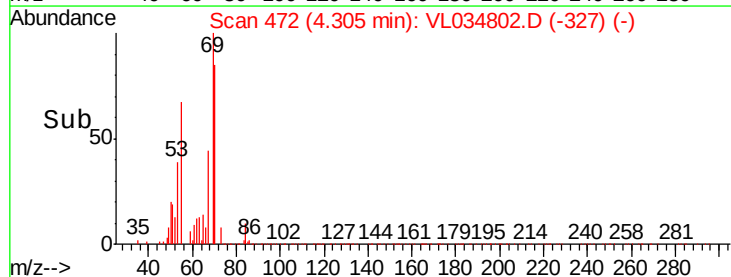
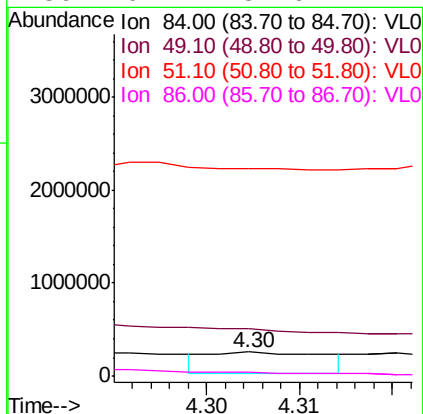
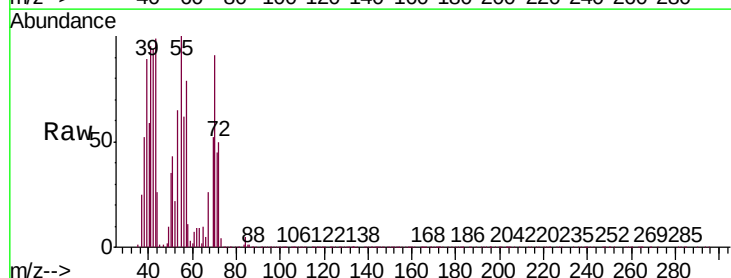
Tgt Ion: 45 Resp: 4759308
 Ion Ratio Lower Upper
 45 100
 58 233.3 1.8 2.8#

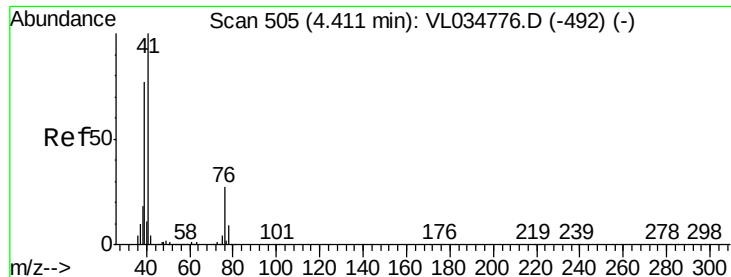


#20

Methylene Chloride
 Concen: 593.987 ppbv
 RT: 4.30 min Scan# 472
 Delta R.T. -0.04 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

Tgt Ion: 84 Resp: 205122
 Ion Ratio Lower Upper
 84 100
 49 167.0 123.2 184.8
 51 42.3 37.4 56.2
 86 67.1 51.6 77.4





#21

Allyl Chloride

Concen: 123.484 ppbv

RT: 4.36 min Scan# 489

Delta R.T. -0.05 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

SS-4-4

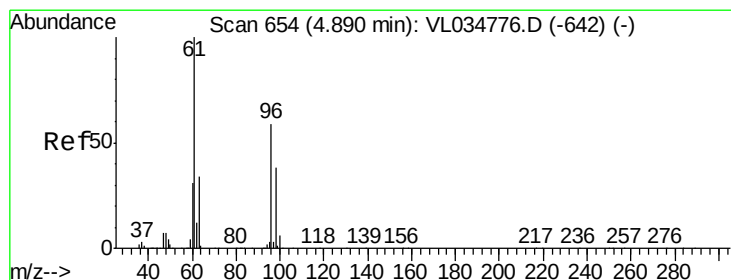
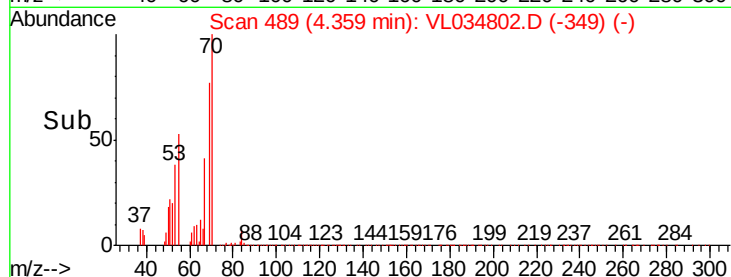
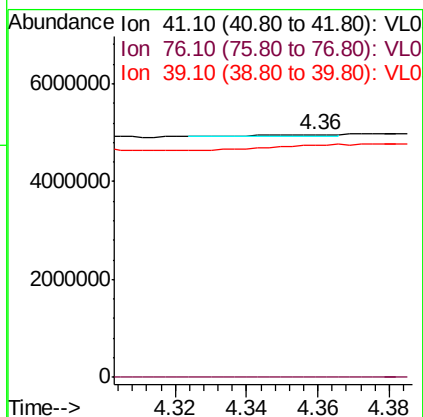
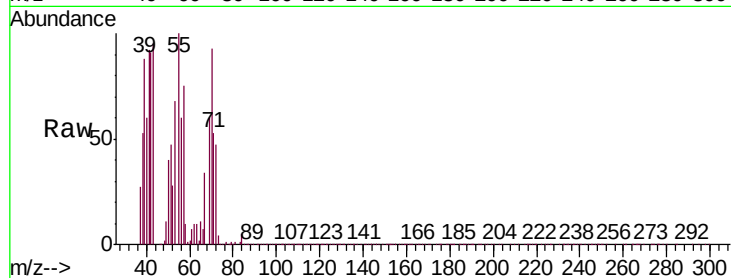
Tgt Ion: 41 Resp: 75663

Ion Ratio Lower Upper

41 100

76 0.0 22.5 33.7#

39 606.2 65.0 97.6#



#22

trans-1,2-Dichloroethene

Concen: 7.775 ppbv

RT: 5.07 min Scan# 711

Delta R.T. 0.18 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

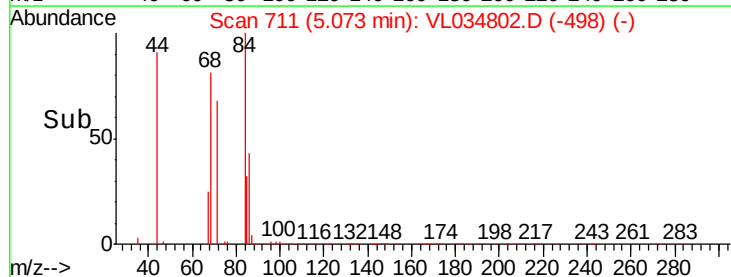
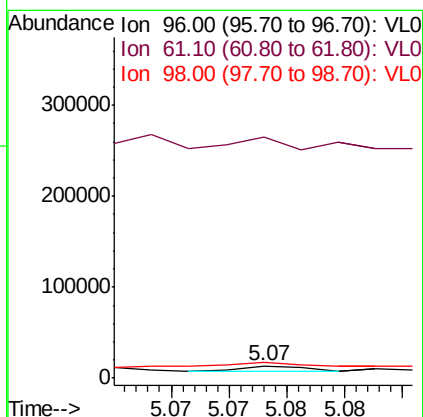
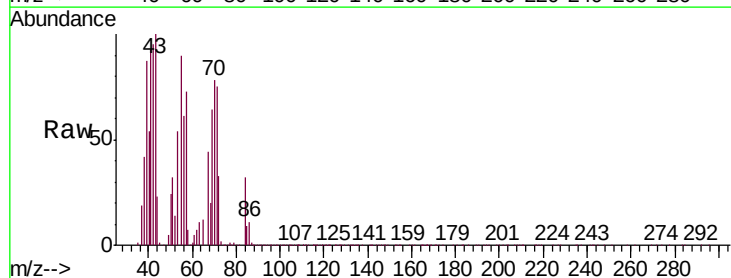
Tgt Ion: 96 Resp: 2725

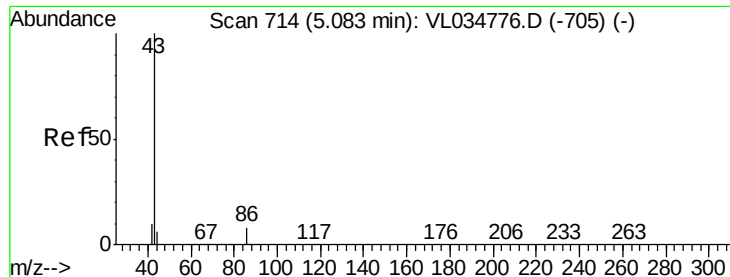
Ion Ratio Lower Upper

96 100

61 195.4 135.2 202.8

98 67.1 50.8 76.2





#23

Vinyl Acetate

Concen: 38.287 ppbv

RT: 4.93 min Scan# 667

Delta R.T. -0.15 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

SS-4-4

Tgt Ion: 43 Resp: 49676

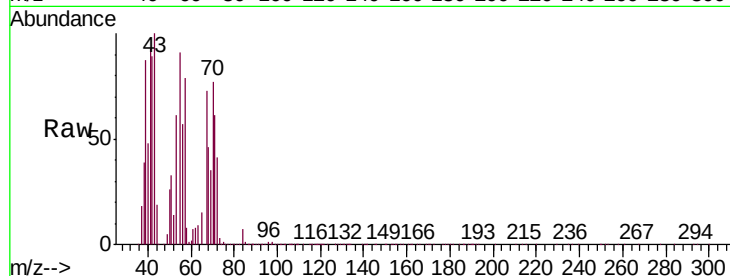
Ion Ratio Lower Upper

43 100

86 0.0 5.9 8.9#

42 29.3 8.2 12.2#

44 38.3 4.5 6.7#

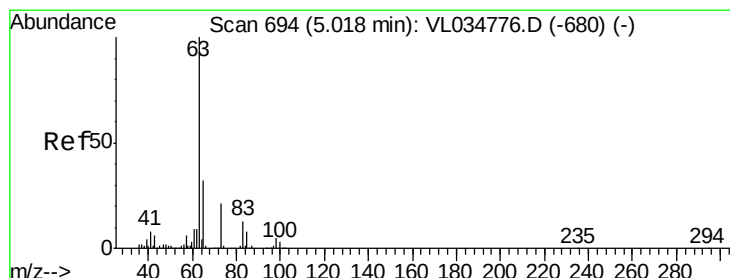
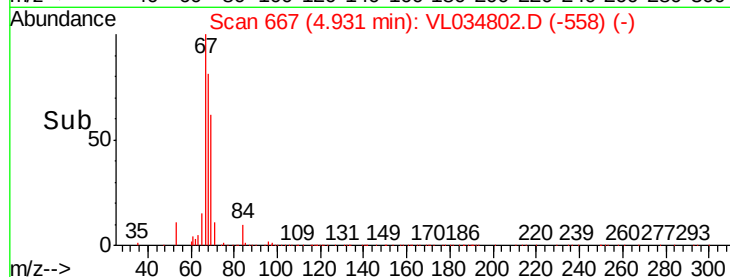
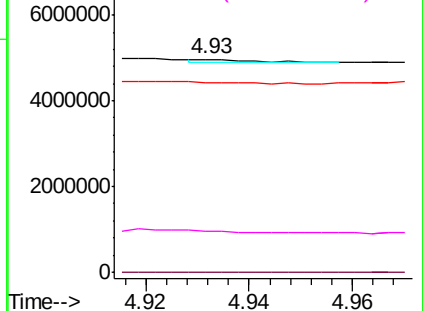


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 57.641 ppbv

RT: 5.06 min Scan# 708

Delta R.T. 0.05 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

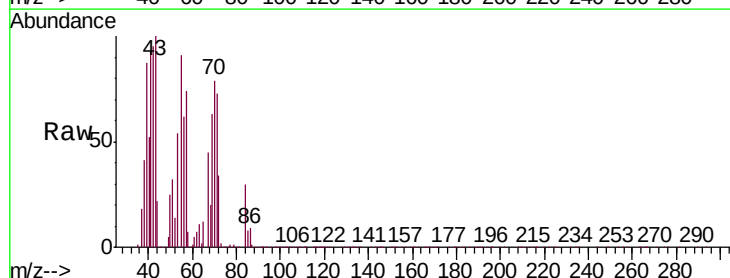
Tgt Ion: 63 Resp: 58047

Ion Ratio Lower Upper

63 100

98 4.2 2.3 6.8

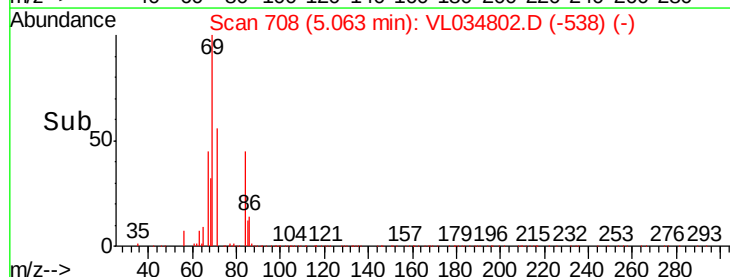
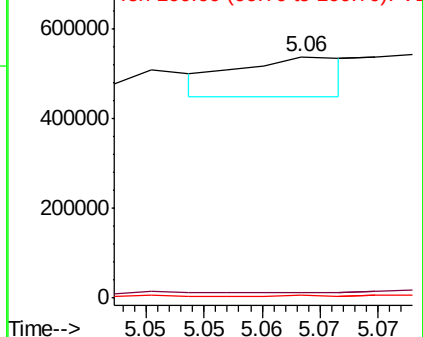
100 2.9 1.5 4.4

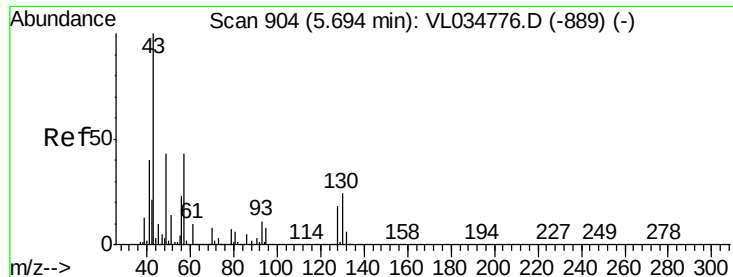


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

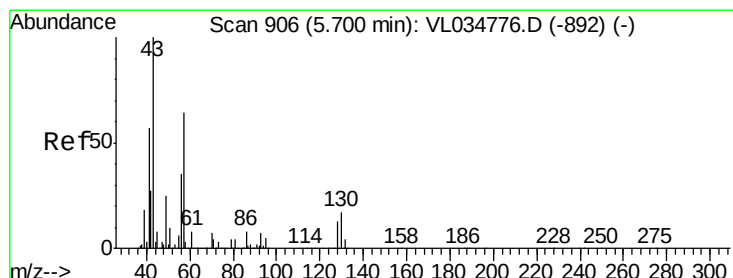
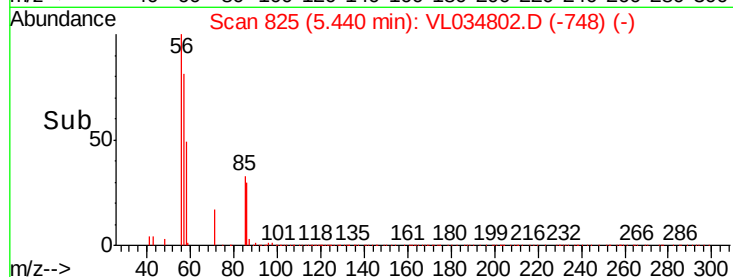
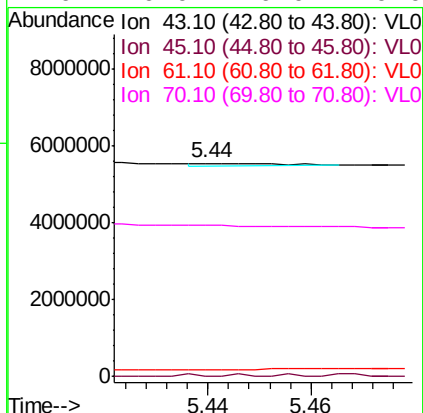
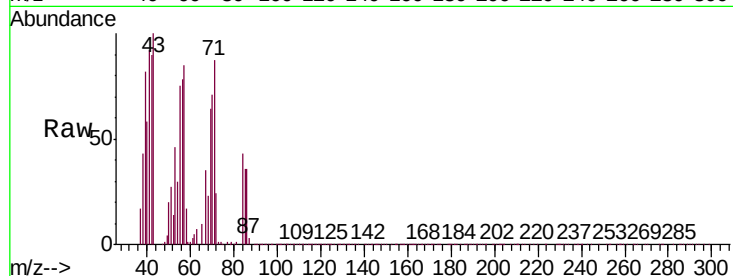




#25
Ethyl Acetate
Concen: 42.014 ppbv
RT: 5.44 min Scan# 825
Delta R.T. -0.25 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

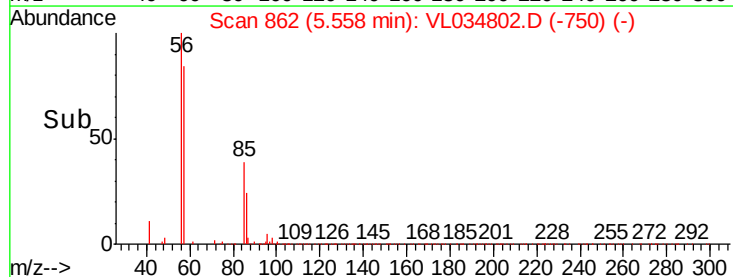
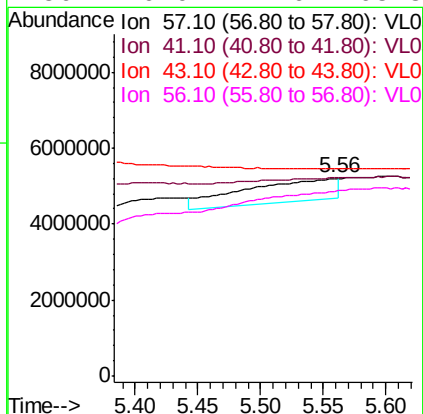
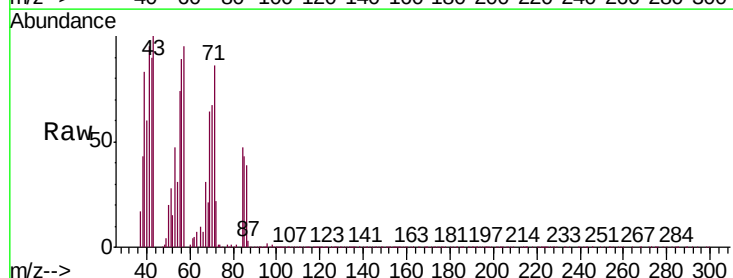
Instrument :
MSVOA_L
ClientSampleId :
SS-4-4

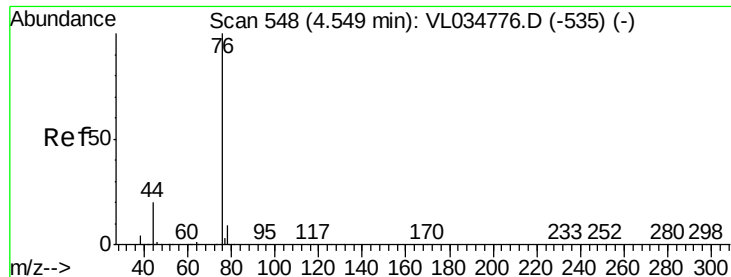
Tgt Ion:	43	Resp:	70248
Ion	Ratio	Lower	Upper
43	100		
45	50.0	8.2	12.4#
61	0.0	7.5	11.3#
70	0.0	6.0	9.0#



#26
Hexane
Concen: 4162.357 ppbv
RT: 5.56 min Scan# 862
Delta R.T. -0.14 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

Tgt Ion:	57	Resp:	3040379
Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.0	108.0#
43	0.0	179.1	268.7#
56	0.0	42.6	63.8#





#27

Carbon Disulfide

Concen: 2.051 ppbv

RT: 4.40 min Scan# 501

Delta R.T. -0.15 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

SS-4-4

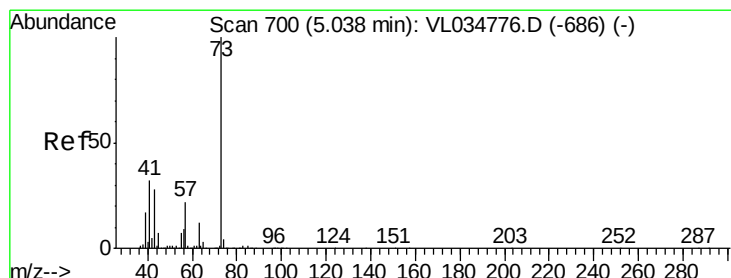
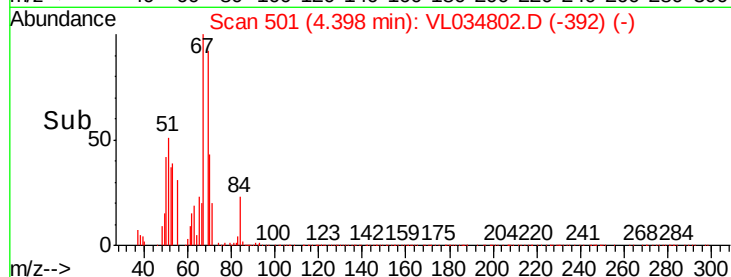
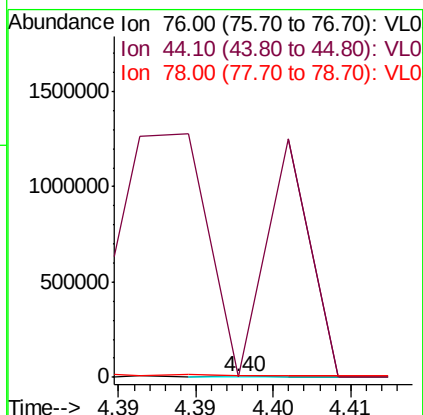
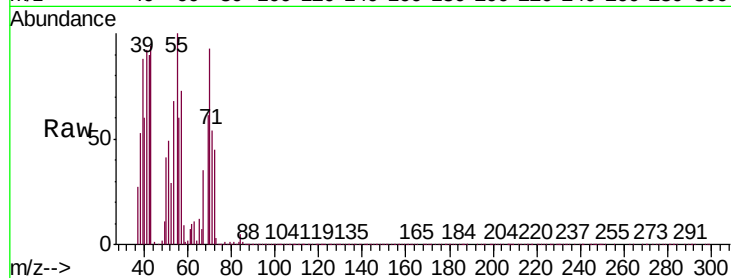
Tgt Ion: 76 Resp: 1750

Ion Ratio Lower Upper

76 100

44 55491.3 16.1 24.1#

78 0.0 7.5 11.3#



#28

Methyl tert-Butyl Ether

Concen: 10.441 ppbv

RT: 4.87 min Scan# 649

Delta R.T. -0.16 min

Lab File: VL034802.D

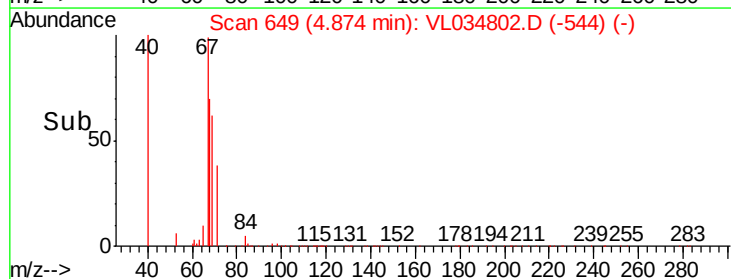
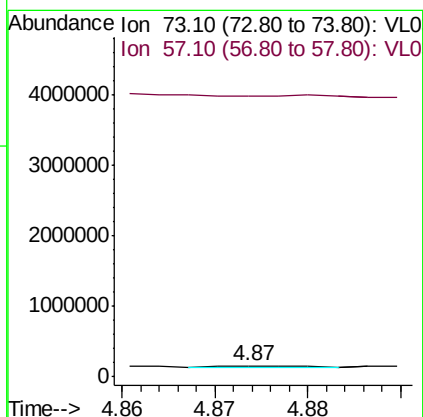
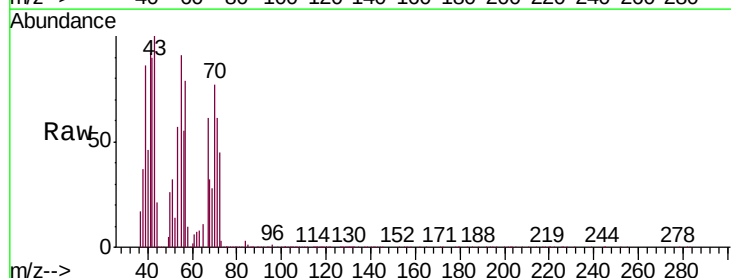
Acq: 5 Mar 2020 19:09

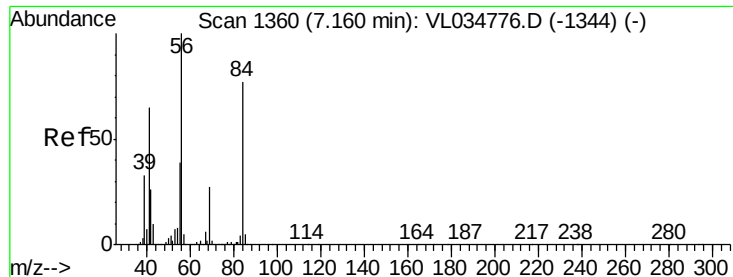
Tgt Ion: 73 Resp: 11352

Ion Ratio Lower Upper

73 100

57 0.0 18.5 27.7#

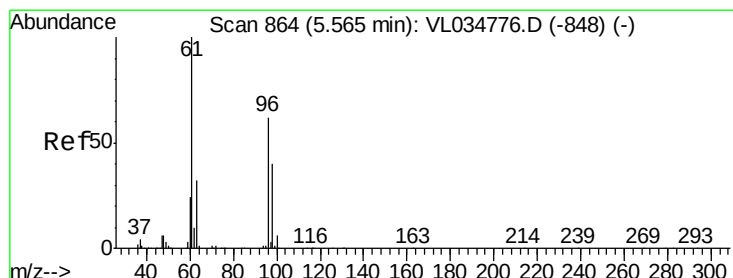
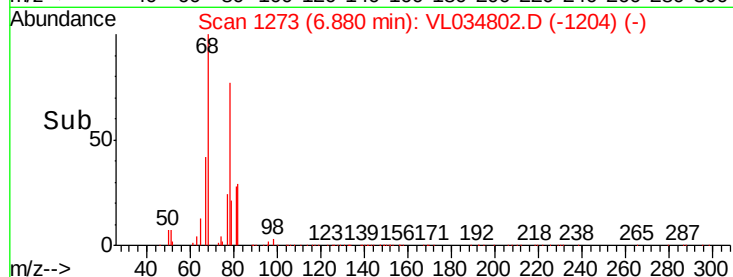
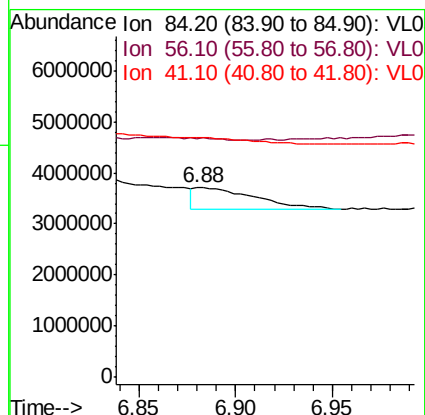
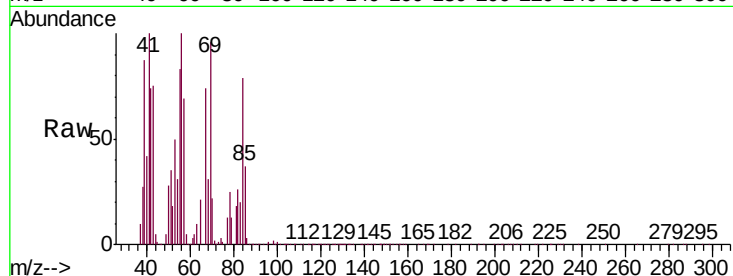




#30
Cyclohexane
Concen: 1647.166 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.28 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

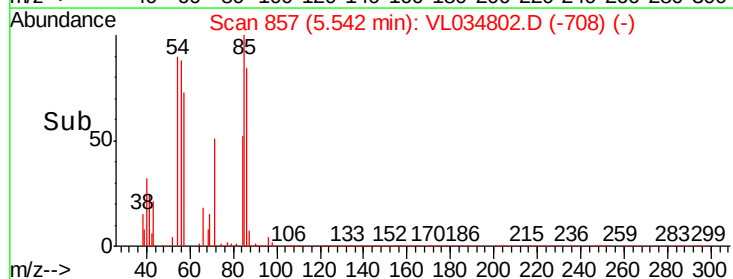
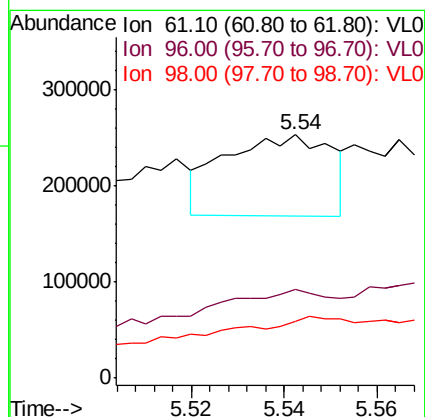
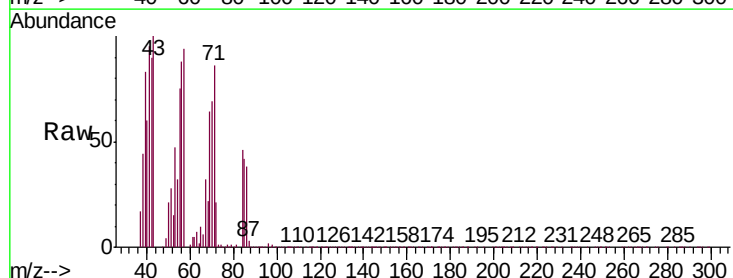
Instrument :
MSVOA_L
ClientSampleId :
SS-4-4

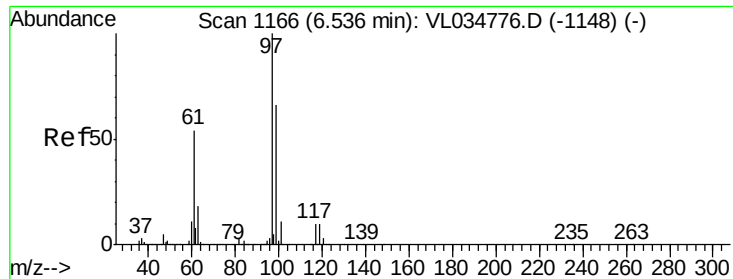
Tgt Ion: 84 Resp: 920470
Ion Ratio Lower Upper
84 100
56 146.9 113.2 169.8
41 0.0 70.2 105.4#



#31
cis-1,2-Dichloroethene
Concen: 179.318 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.02 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

Tgt Ion: 61 Resp: 134344
Ion Ratio Lower Upper
61 100
96 72.1 49.7 74.5
98 36.8 31.9 47.9





#32

1,1,1-Trichloroethane

Concen: 1.448 ppbv

RT: 6.33 min Scan# 1103

Delta R.T. -0.20 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

SS-4-4

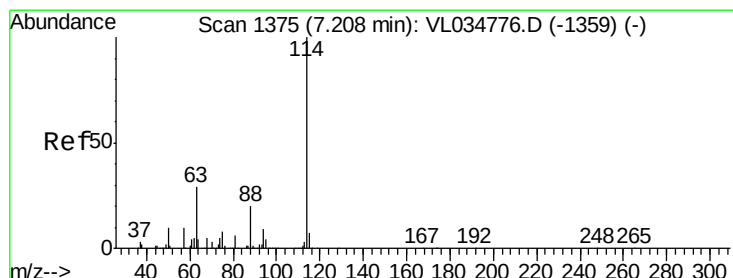
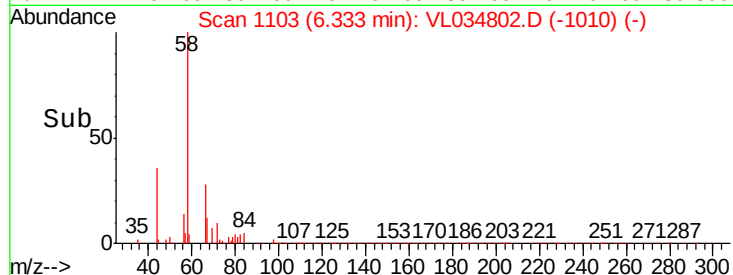
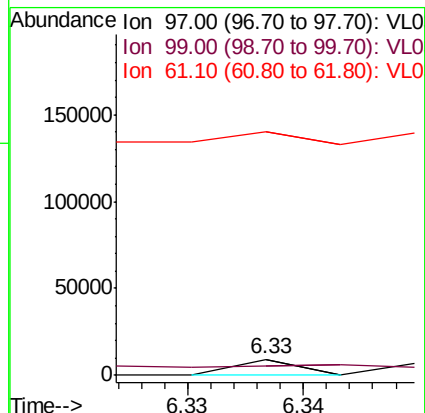
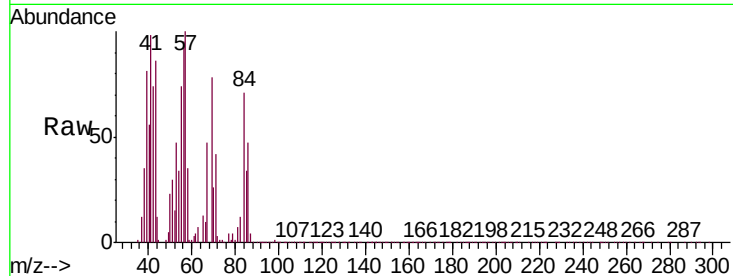
Tgt Ion: 97 Resp: 1759

Ion Ratio Lower Upper

97 100

99 0.0 51.7 77.5#

61 0.0 43.4 65.0#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.98 min Scan# 1304

Delta R.T. -0.23 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

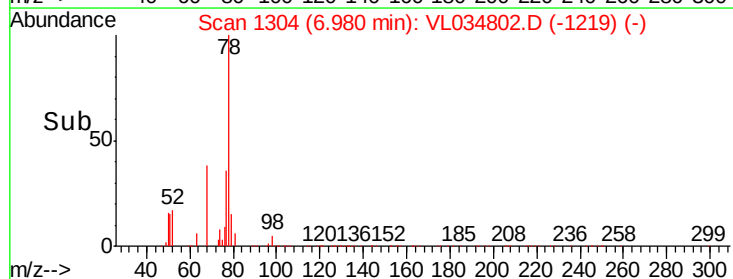
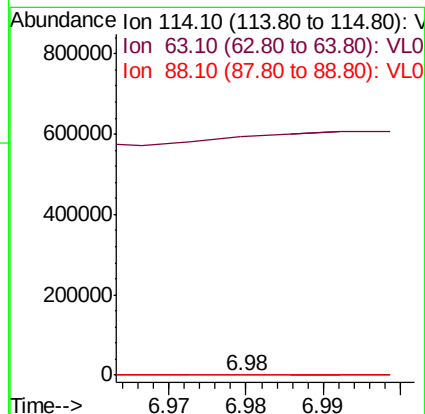
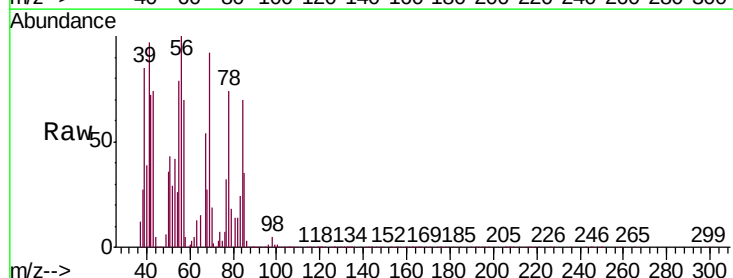
Tgt Ion: 114 Resp: 117

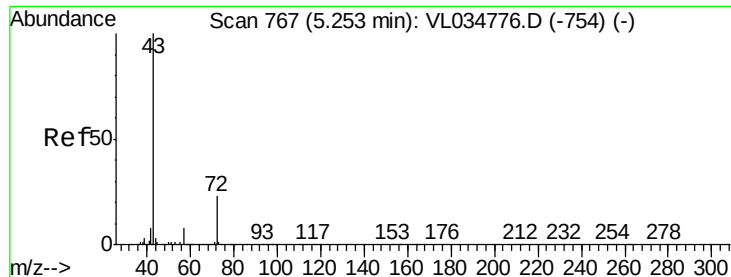
Ion Ratio Lower Upper

114 100

63 0.0 23.6 35.4#

88 0.0 15.8 23.8#

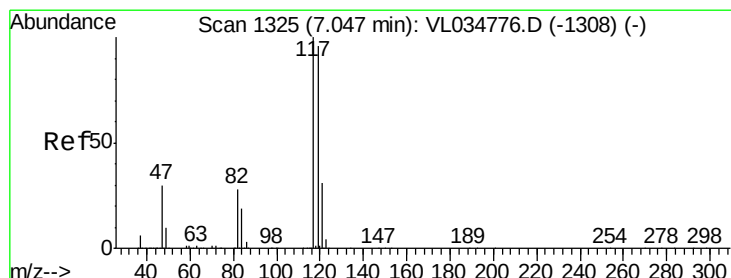
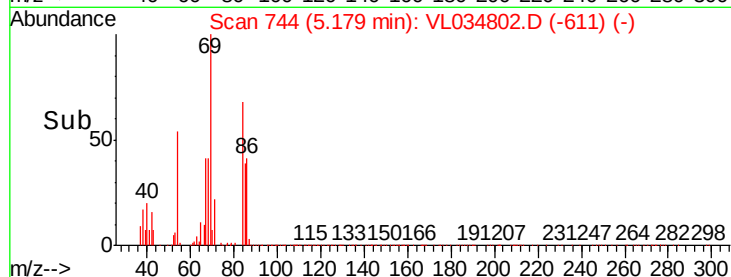
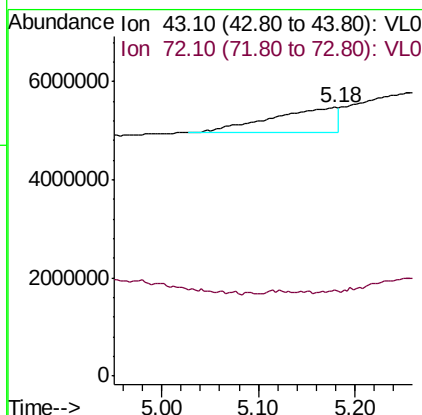
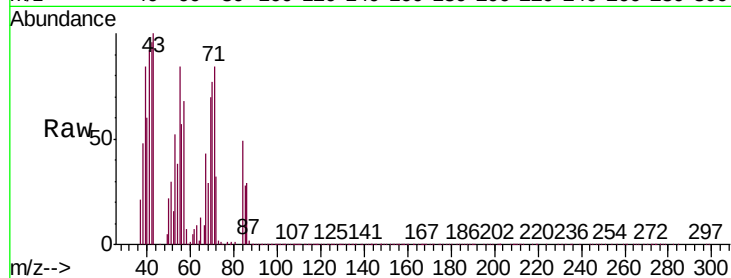




#34
2-Butanone
Concen: 328534.772 ppbv
RT: 5.18 min Scan# 744
Delta R.T. -0.07 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

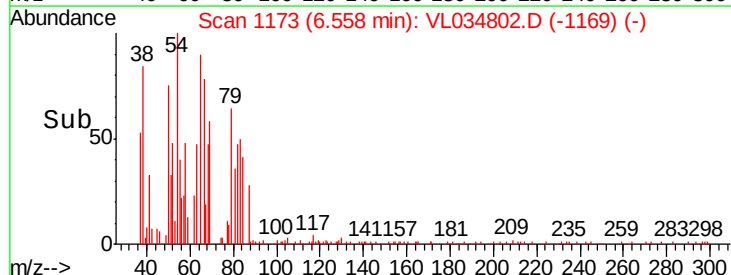
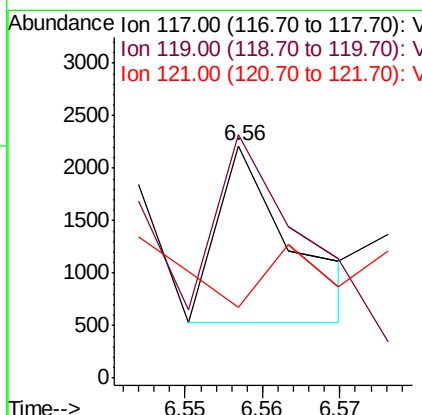
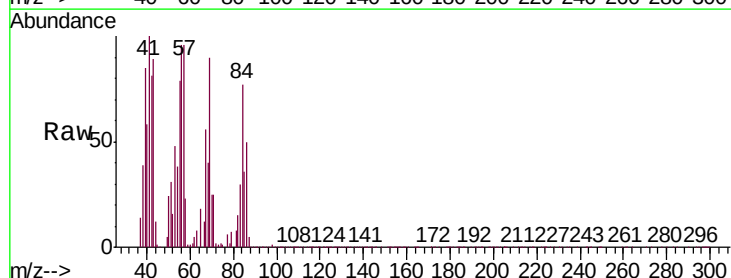
Instrument :
MSVOA_L
ClientSampled :
SS-4-4

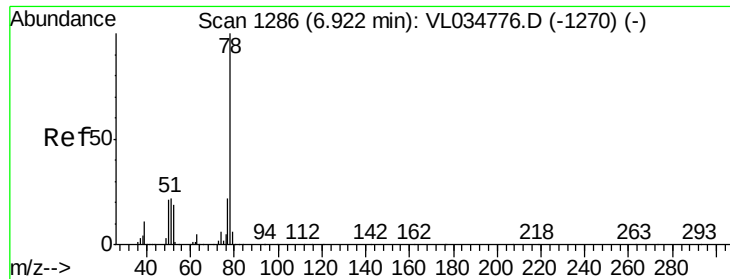
Tgt Ion: 43 Resp: 2500717
Ion Ratio Lower Upper
43 100
72 0.0 17.5 26.3#



#35
Carbon Tetrachloride
Concen: 64.338 ppbv
RT: 6.56 min Scan# 1173
Delta R.T. -0.49 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

Tgt Ion: 117 Resp: 568
Ion Ratio Lower Upper
117 100
119 99.1 76.8 115.2
121 33.9 24.6 37.0





#36

Benzene

Concen: 2335923.152 ppbv

RT: 7.00 min Scan# 1311

Delta R.T. 0.08 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

SS-4-4

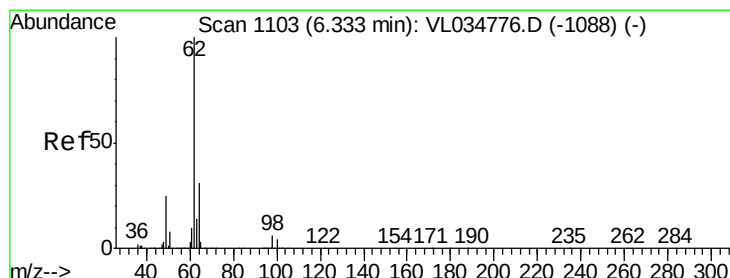
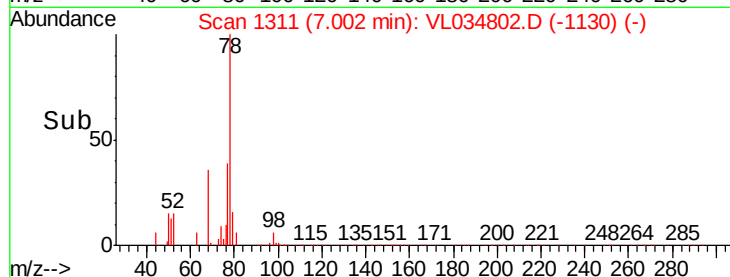
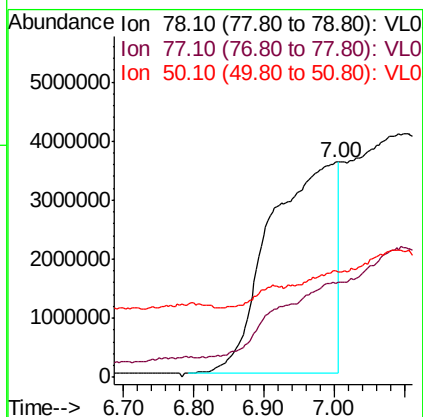
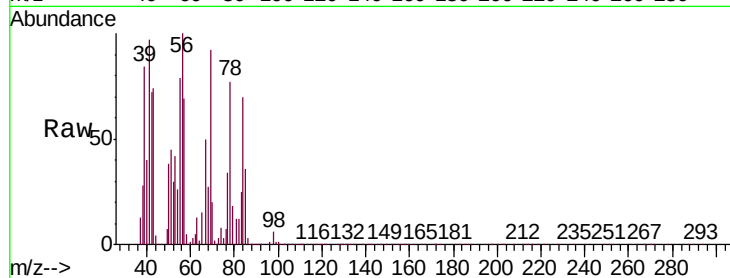
Tgt Ion: 78 Resp: 23353946

Ion Ratio Lower Upper

78 100

77 35.2 18.0 27.0#

50 15.4 16.9 25.3#



#37

1,2-Dichloroethane

Concen: 4760.465 ppbv

RT: 6.13 min Scan# 1039

Delta R.T. -0.21 min

Lab File: VL034802.D

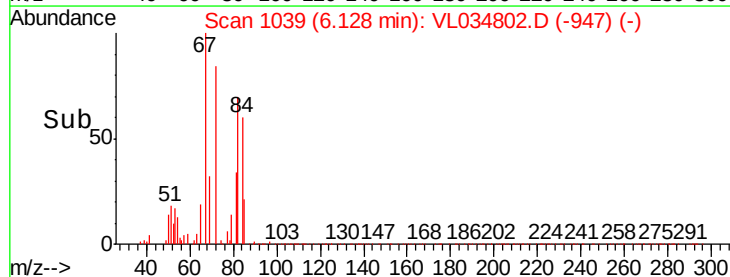
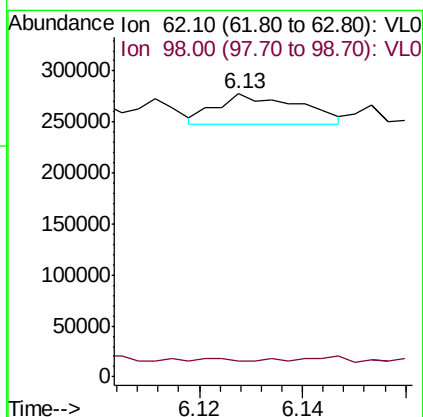
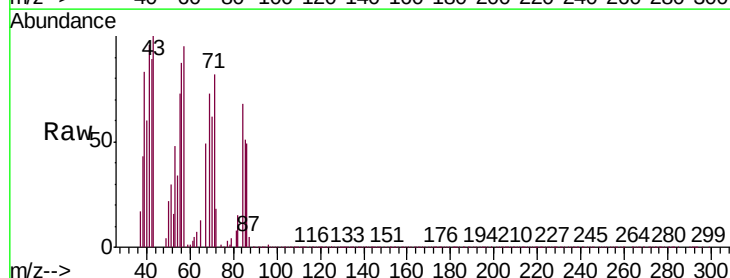
Acq: 5 Mar 2020 19:09

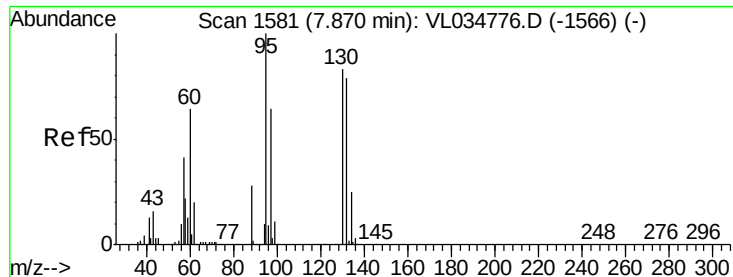
Tgt Ion: 62 Resp: 32509

Ion Ratio Lower Upper

62 100

98 0.0 4.4 6.6#





#38

Trichloroethene

Concen: 24.380 ppbv

RT: 7.62 min Scan# 1504

Delta R.T. -0.25 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

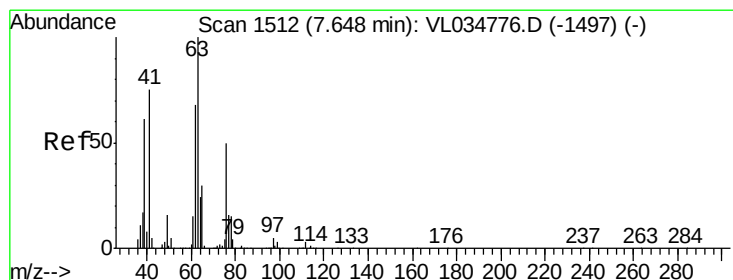
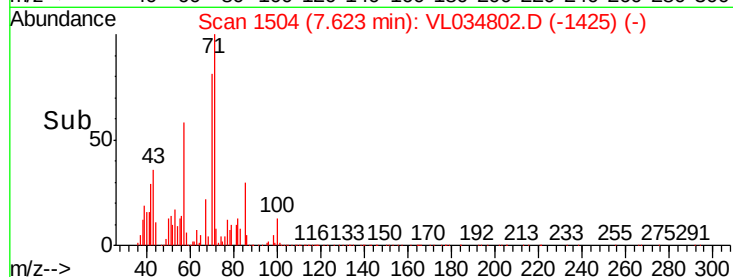
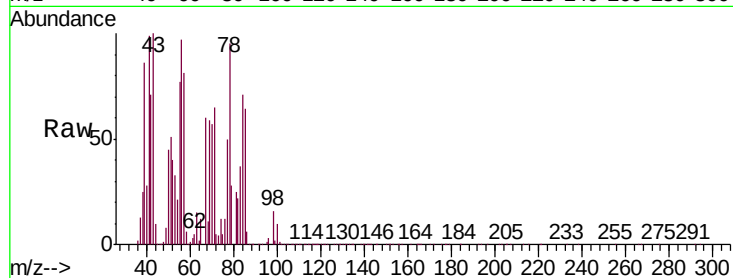
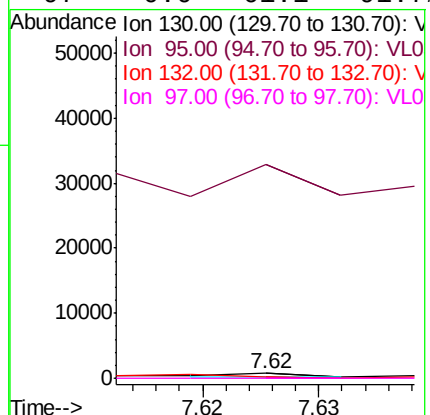
Instrument :

MSVOA_L

ClientSampleId :

SS-4-4

Tgt Ion:	130	Resp:	95
Ion	Ratio	Lower	Upper
130	100		
95	986.6	95.8	143.8#
132	56.0	76.1	114.1#
97	0.0	61.1	91.7#



#39

1,2-Dichloropropane

Concen: 39707.957 ppbv

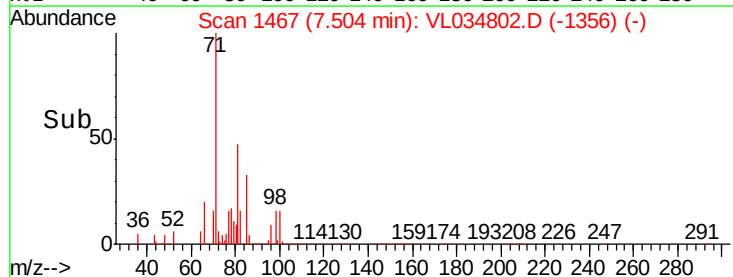
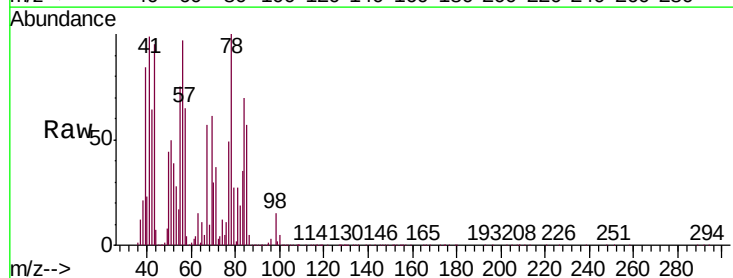
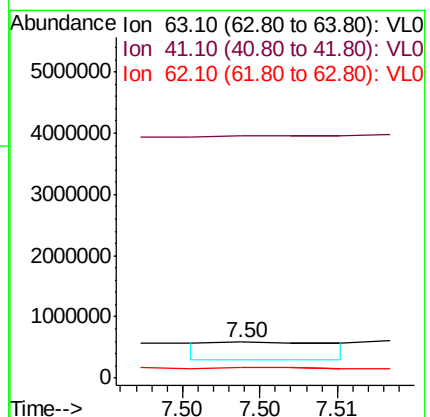
RT: 7.50 min Scan# 1467

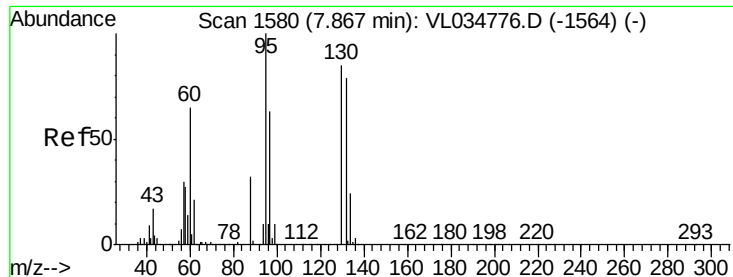
Delta R.T. -0.14 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Tgt Ion:	63	Resp:	160211
Ion	Ratio	Lower	Upper
63	100		
41	70.6	60.3	90.5
62	60.7	54.5	81.7

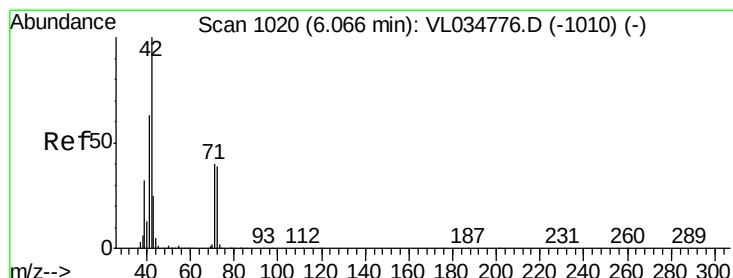
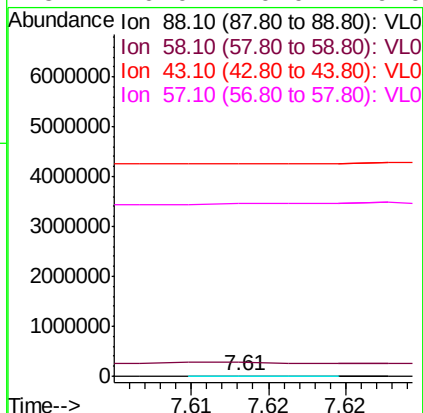
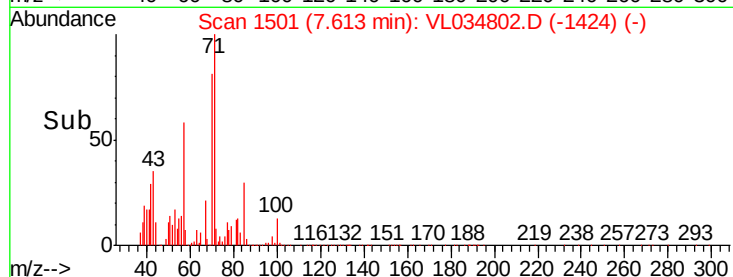
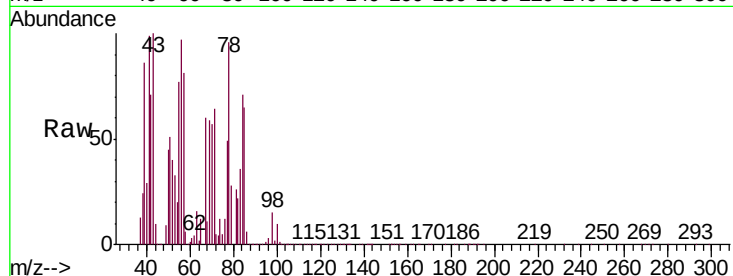




#40
 1,4-Dioxane
 Concen: 742.381 ppbv
 RT: 7.61 min Scan# 1501
 Delta R.T. -0.25 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

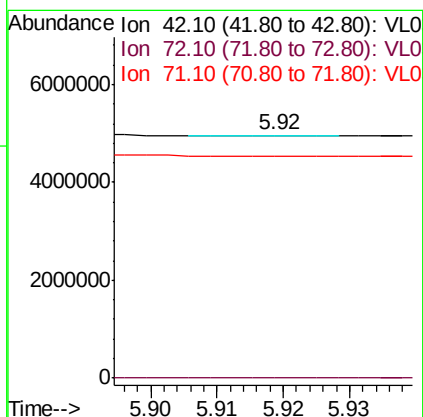
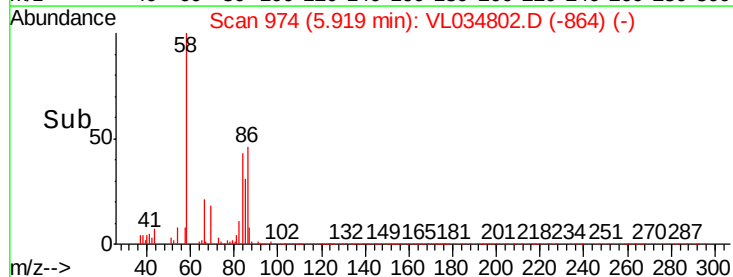
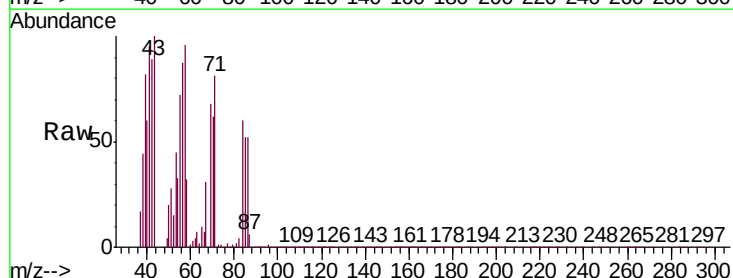
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-4-4

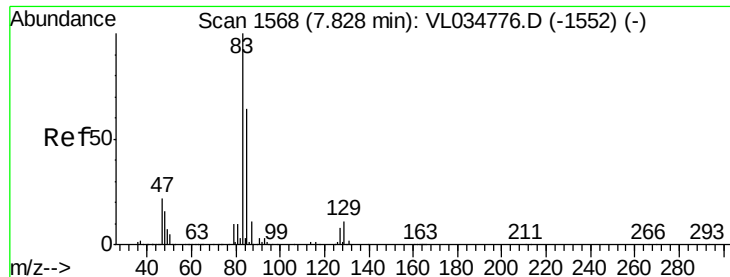
Tgt Ion:	88	Resp:	1036
Ion	Ratio	Lower	Upper
88	100		
58	0.0	110.6	166.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0



#41
 Tetrahydrofuran
 Concen: 3358.595 ppbv
 RT: 5.92 min Scan# 974
 Delta R.T. -0.15 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

Tgt Ion:	42	Resp:	13044
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	31.3	46.9#





#42

Bromodichloromethane

Concen: 8646.165 ppbv

RT: 7.57 min Scan# 1489

Delta R.T. -0.25 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

SS-4-4

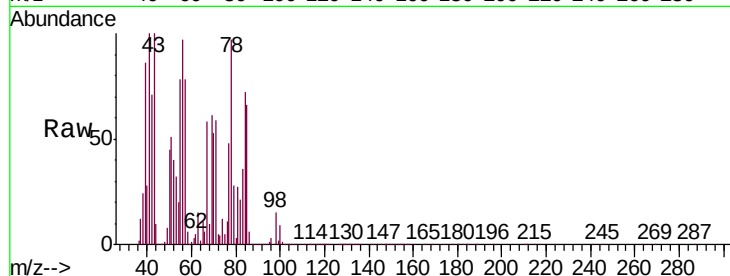
Tgt Ion: 83 Resp: 74707

Ion Ratio Lower Upper

83 100

85 11.1 50.8 76.2#

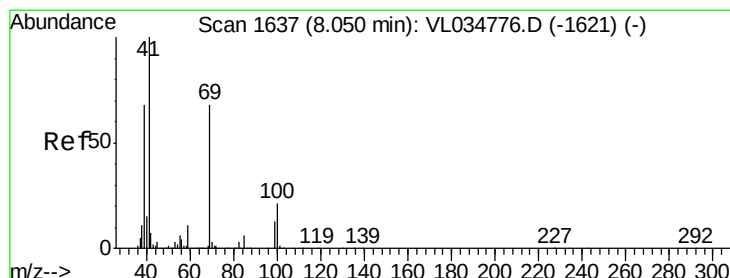
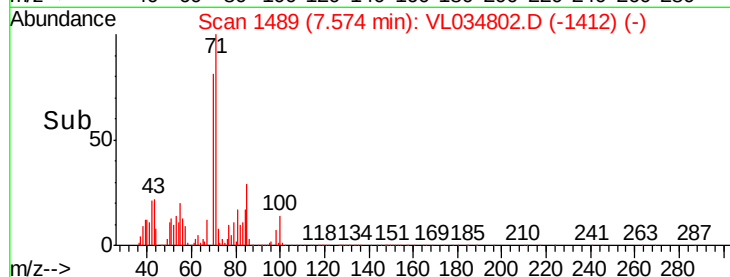
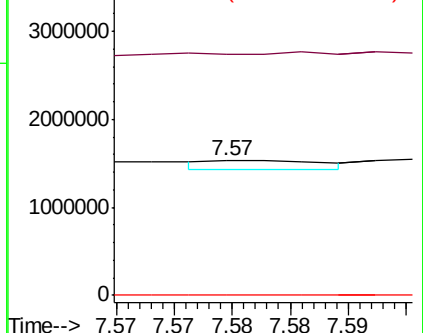
127 0.0 6.5 9.7#



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): VL0



#43

Methyl Methacrylate

Concen: 7043.923 ppbv

RT: 7.80 min Scan# 1560

Delta R.T. -0.25 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

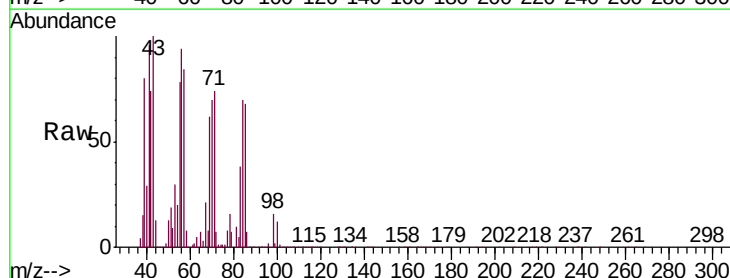
Tgt Ion: 69 Resp: 29842

Ion Ratio Lower Upper

69 100

41 0.0 121.6 182.4#

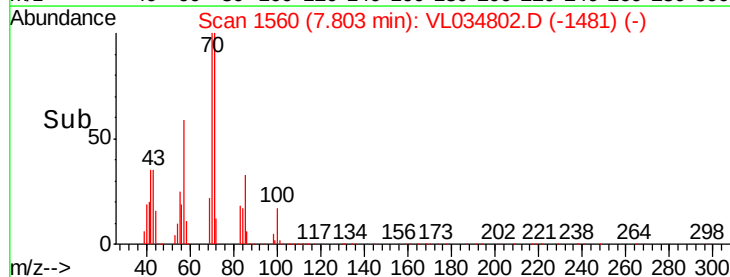
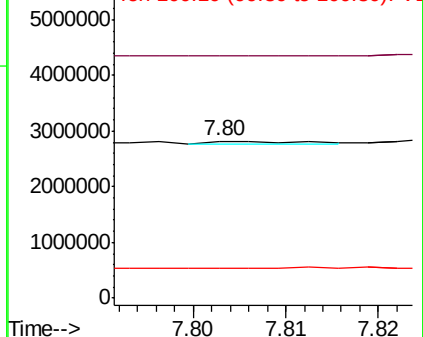
100 0.0 23.8 35.8#

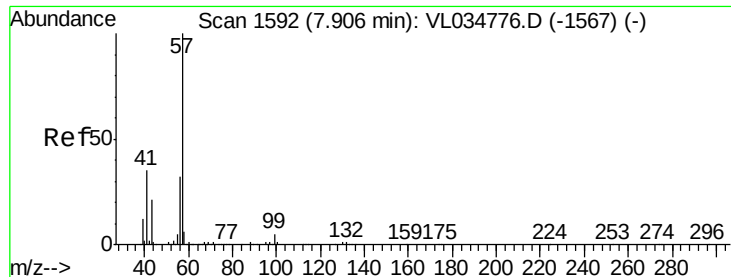


Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0

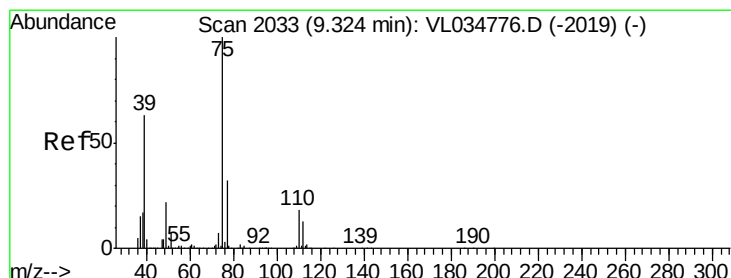
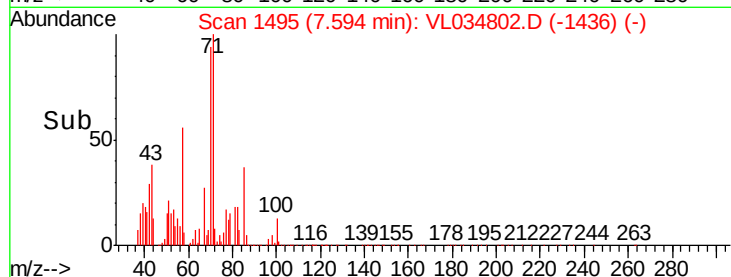
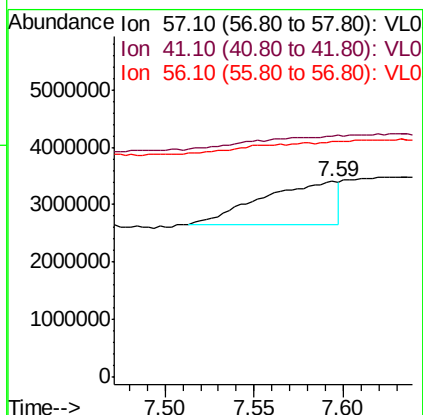
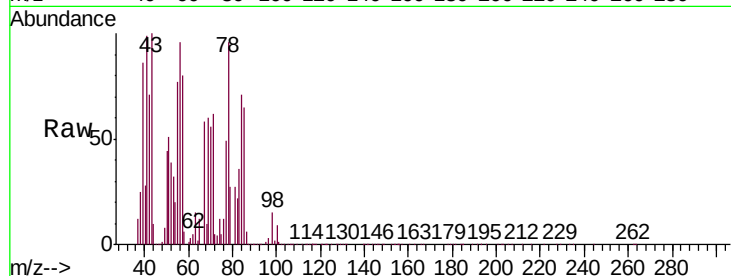




#44
2,2,4-Trimethylpentane
Concen: 130531.315 ppbv
RT: 7.59 min Scan# 1495
Delta R.T. -0.31 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

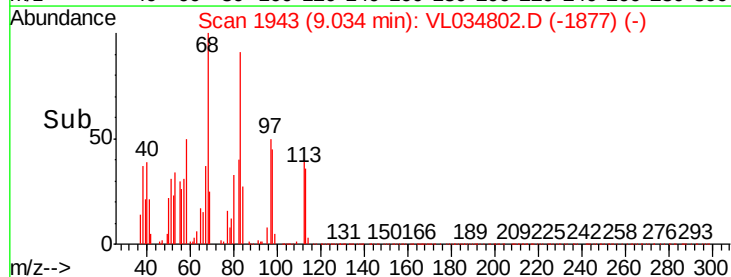
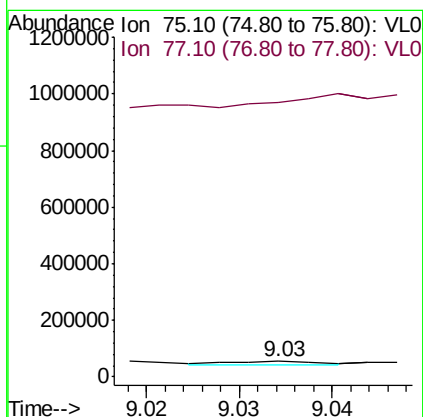
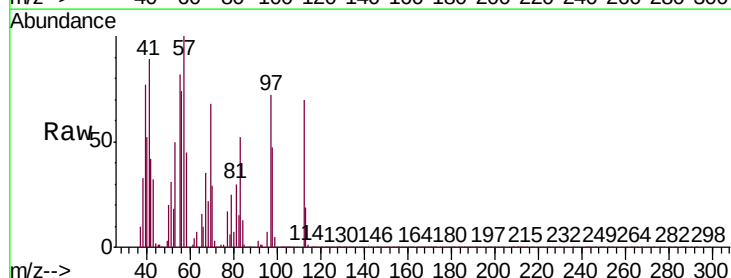
Instrument :
MSVOA_L
ClientSampled :
SS-4-4

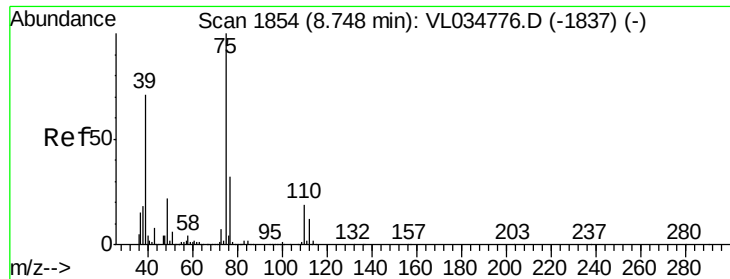
Tgt Ion: 57 Resp: 2280554
Ion Ratio Lower Upper
57 100
41 94.8 27.4 41.0#
56 97.6 25.0 37.6#



#45
t-1,3-Dichloropropene
Concen: 2140.712 ppbv
RT: 9.03 min Scan# 1943
Delta R.T. -0.29 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

Tgt Ion: 75 Resp: 9521
Ion Ratio Lower Upper
75 100
77 1774.7 25.6 38.4#



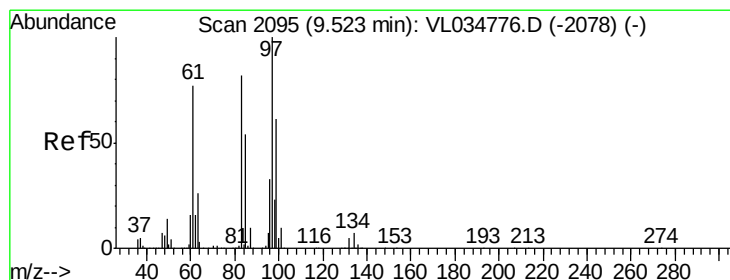
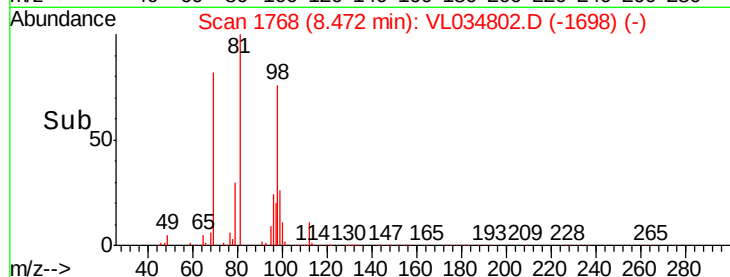
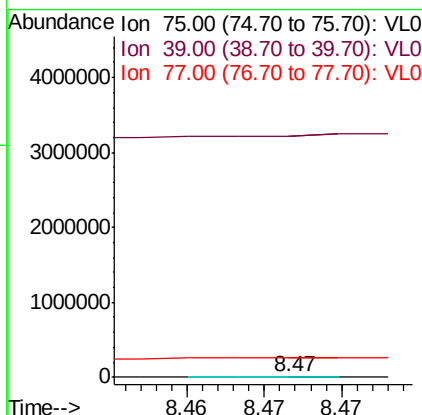
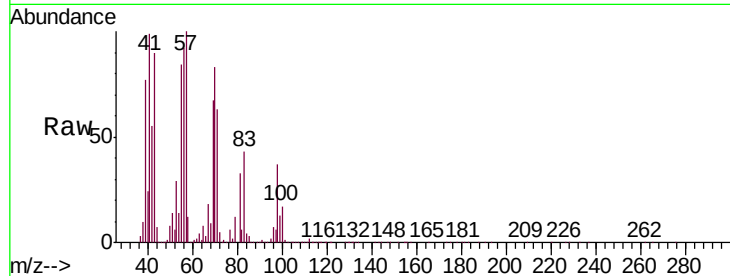


#46

cis-1,3-Dichloropropene
 Concen: 177.134 ppbv
 RT: 8.47 min Scan# 1768
 Delta R.T. -0.28 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-4-4

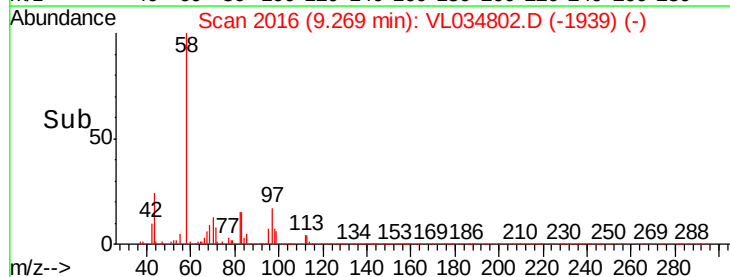
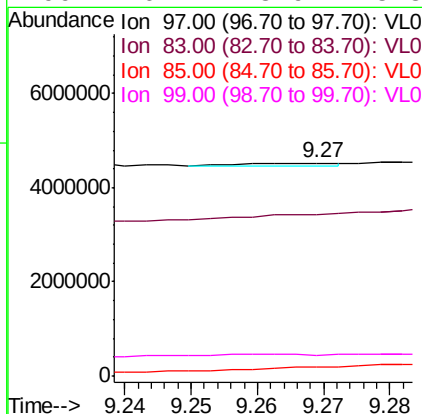
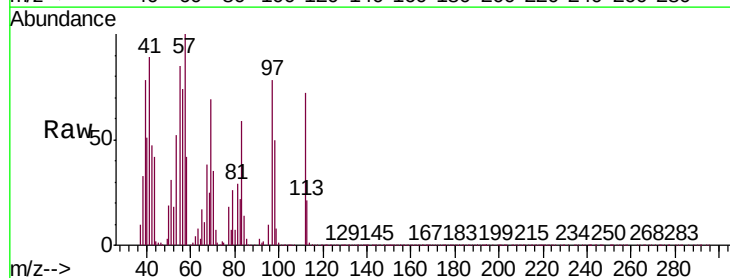
Tgt Ion	Ratio	Lower	Upper
75	100		
39	0.0	56.9	85.3#
77	0.0	25.7	38.5#

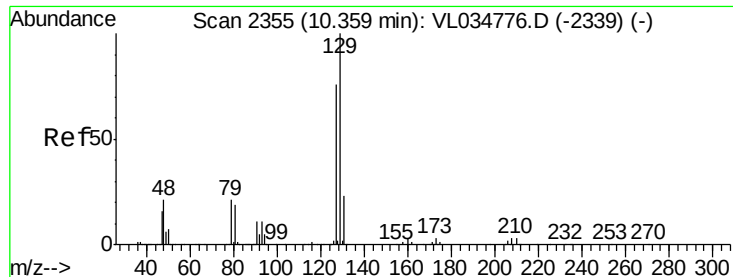


#47

1,1,2-Trichloroethane
 Concen: 12155.758 ppbv
 RT: 9.27 min Scan# 2016
 Delta R.T. -0.25 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

Tgt Ion	Ratio	Lower	Upper
97	100		
83	202.1	65.2	97.8#
85	168.7	43.6	65.4#
99	6.4	48.9	73.3#





#48

Dibromochloromethane

Concen: 89.475 ppbv

RT: 10.03 min Scan# 2253

Delta R.T. -0.33 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

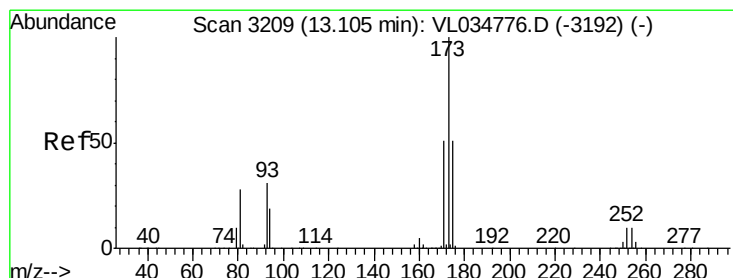
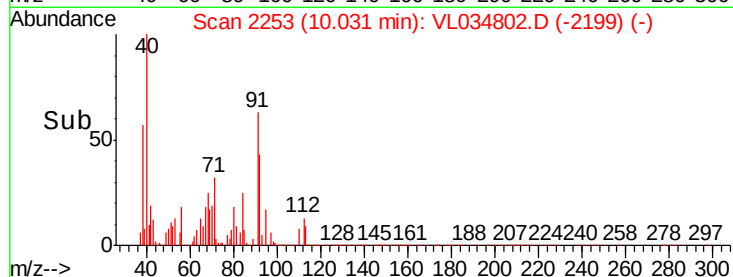
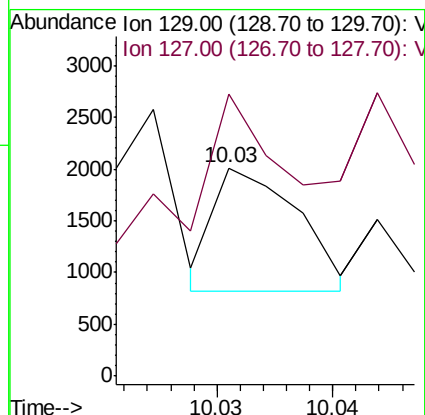
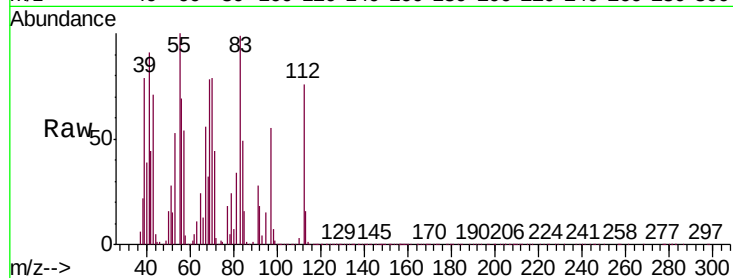
SS-4-4

Tgt Ion:129 Resp: 596

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#



#49

Bromoform

Concen: 10.839 ppbv

RT: 12.76 min Scan# 3102

Delta R.T. -0.34 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

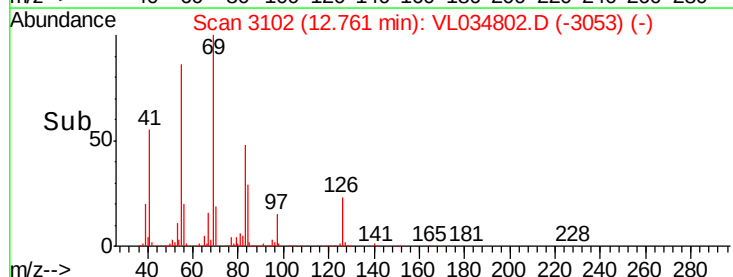
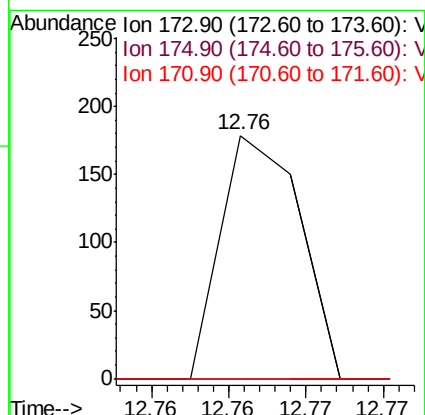
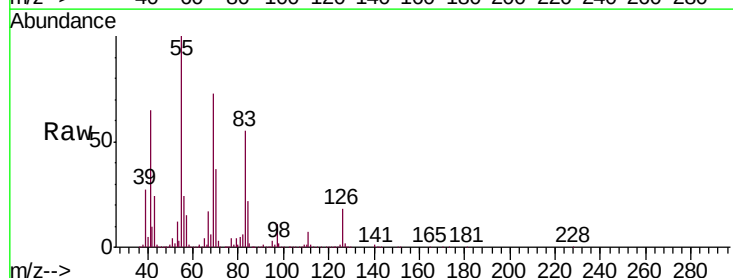
Tgt Ion:173 Resp: 63

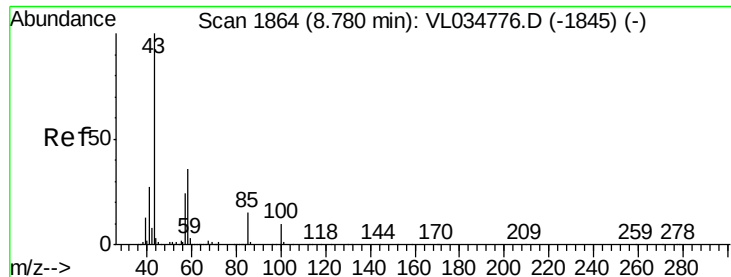
Ion Ratio Lower Upper

173 100

175 0.0 39.8 59.6#

171 228.6 41.0 61.4#

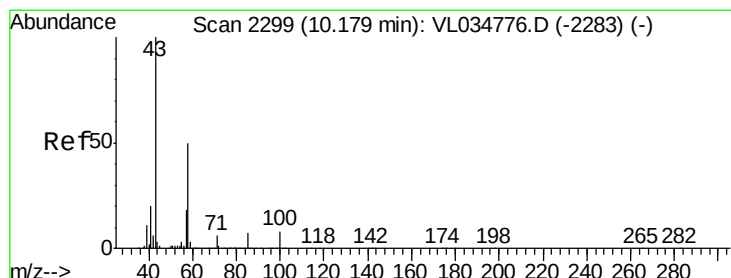
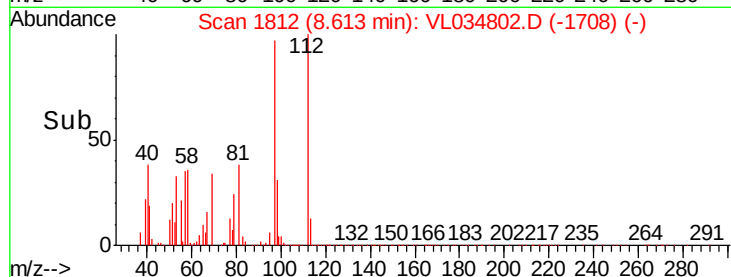
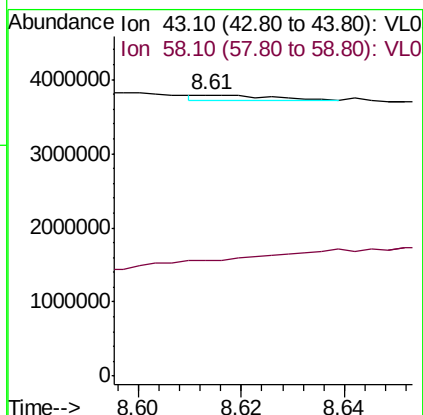
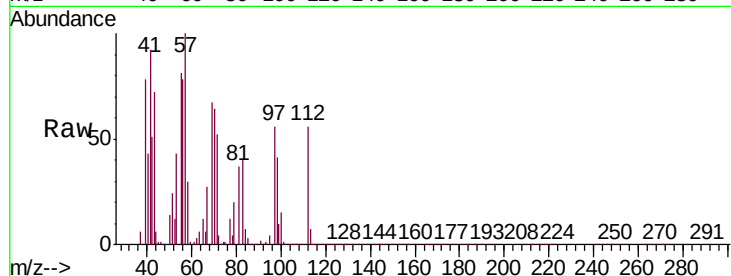




#50
 4-Methyl-2-Pentanone
 Concen: 5635.534 ppbv
 RT: 8.61 min Scan# 1812
 Delta R.T. -0.17 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

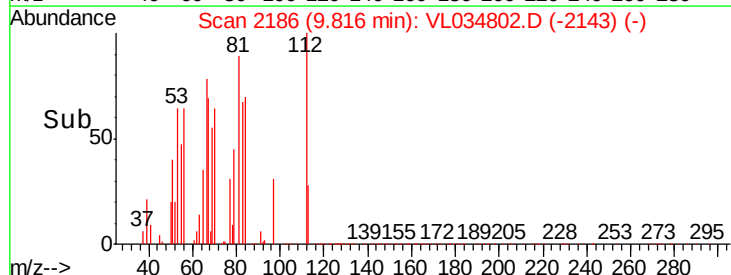
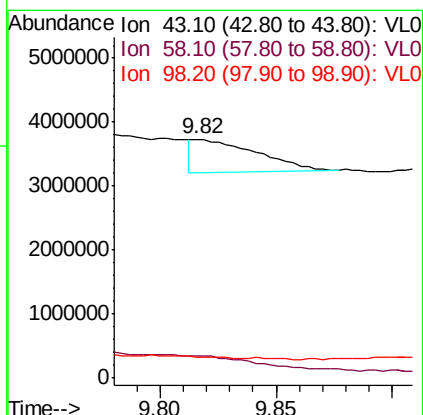
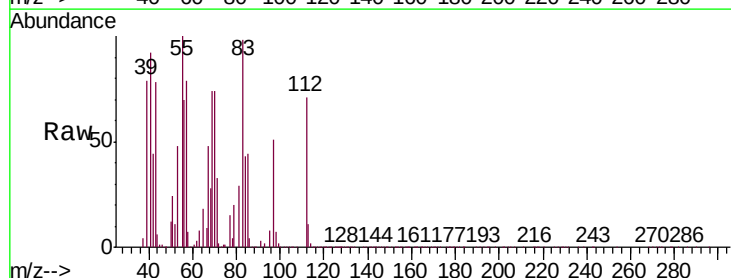
Instrument :
 MSVOA_L
 ClientSampleID :
 SS-4-4

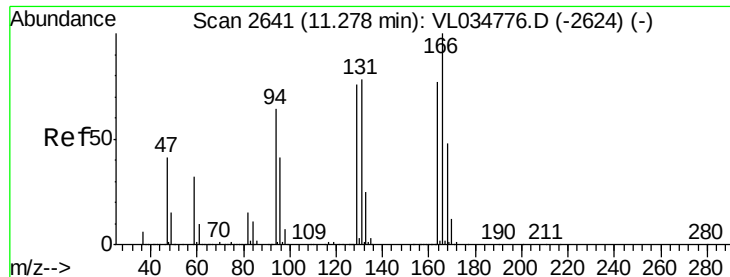
Tgt Ion: 43 Resp: 61464
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.7 43.1#



#51
 2-Hexanone
 Concen: 114277.968 ppbv
 RT: 9.82 min Scan# 2186
 Delta R.T. -0.36 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

Tgt Ion: 43 Resp: 977709
 Ion Ratio Lower Upper
 43 100
 58 0.0 38.6 58.0#
 98 0.0 0.2 0.4#





#52

Tetrachloroethene

Concen: 22.741 ppbv

RT: 10.97 min Scan# 2544

Delta R.T. -0.31 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

SS-4-4

Tgt Ion:164 Resp: 84

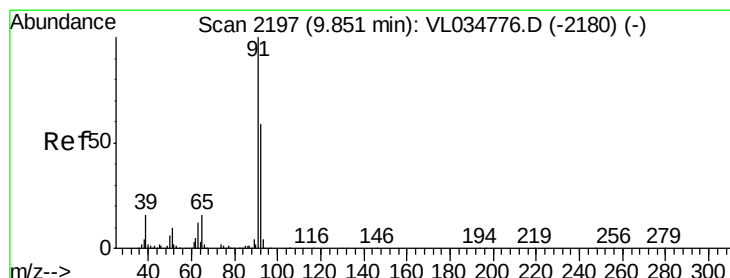
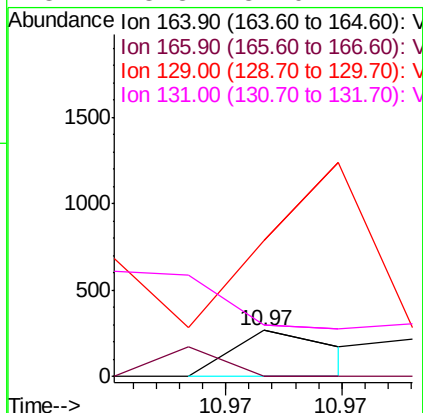
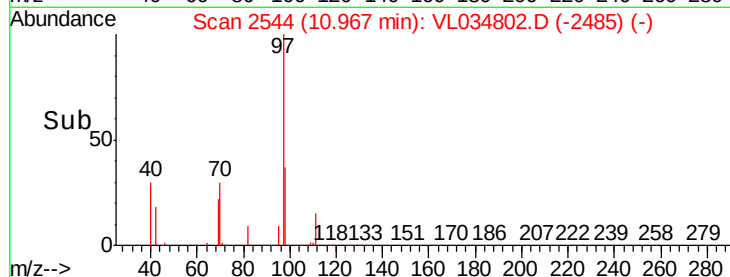
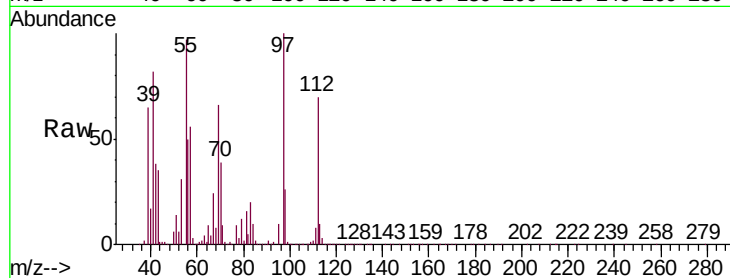
Ion Ratio Lower Upper

164 100

166 0.0 103.3 154.9#

129 189.8 79.0 118.4#

131 8.3 81.0 121.4#



#53

Toluene

Concen: 10406.729 ppbv

RT: 9.63 min Scan# 2129

Delta R.T. -0.22 min

Lab File: VL034802.D

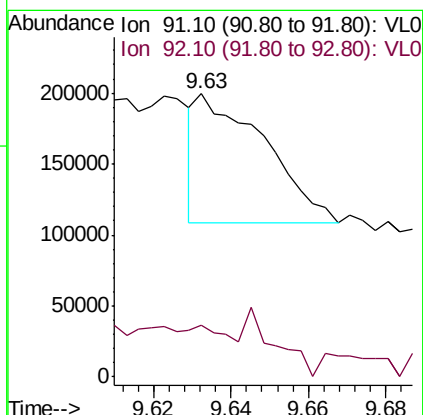
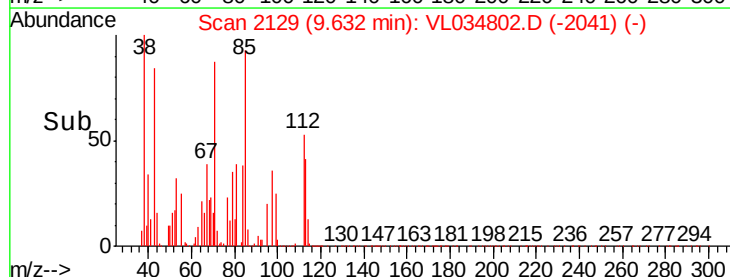
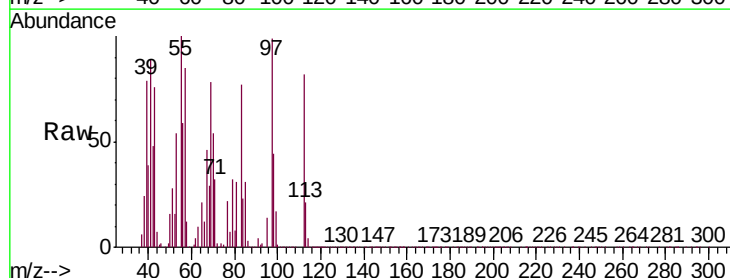
Acq: 5 Mar 2020 19:09

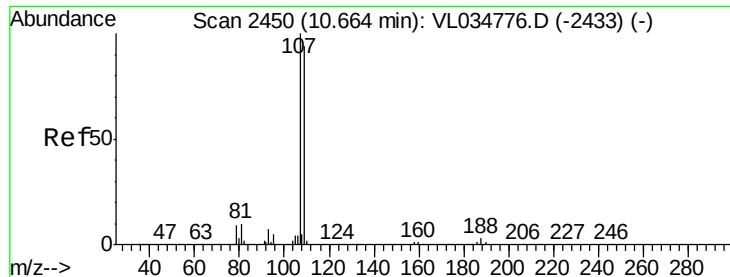
Tgt Ion: 91 Resp: 110117

Ion Ratio Lower Upper

91 100

92 74.4 48.2 72.2#





#54

1,2-Dibromoethane

Concen: 52.551 ppbv

RT: 10.32 min Scan# 2343

Delta R.T. -0.34 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

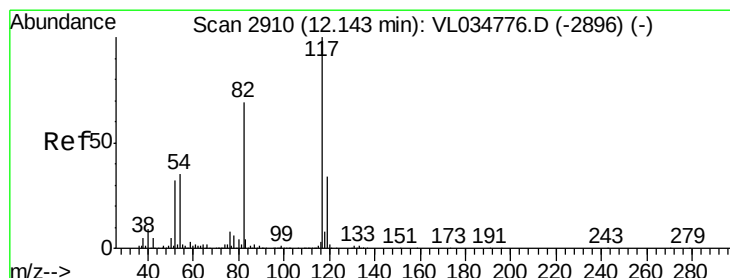
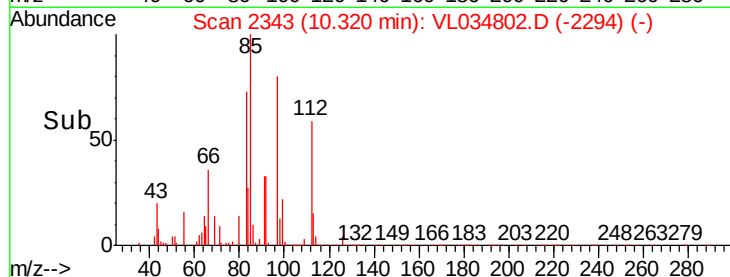
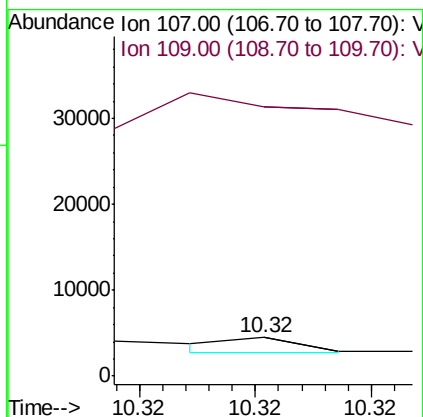
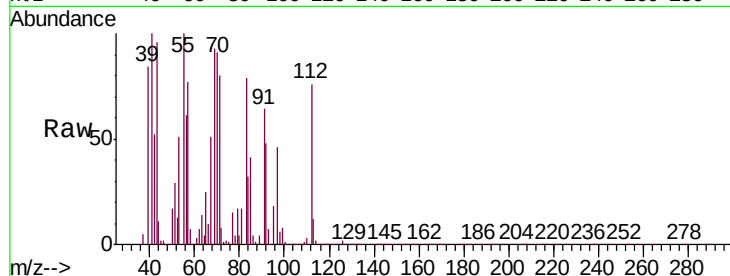
SS-4-4

Tgt Ion:107 Resp: 331

Ion Ratio Lower Upper

107 100

109 16.4 75.0 112.6#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.76 min Scan# 2792

Delta R.T. -0.38 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

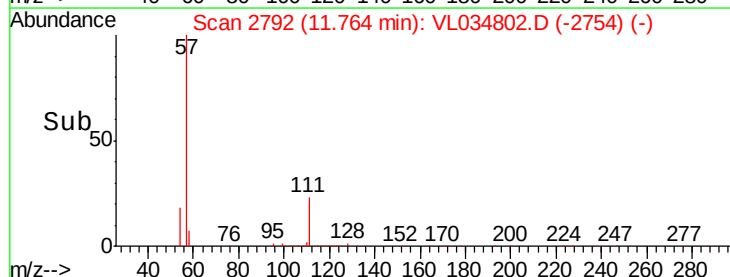
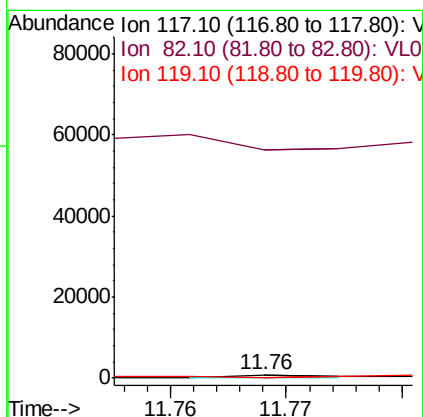
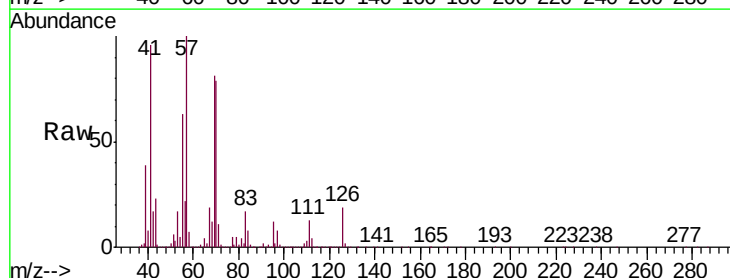
Tgt Ion:117 Resp: 262

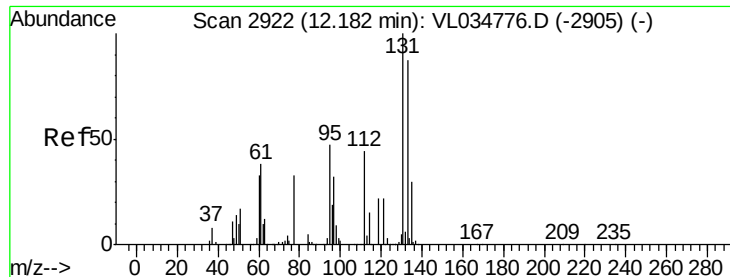
Ion Ratio Lower Upper

117 100

82 0.0 53.9 80.9#

119 0.0 25.0 37.4#

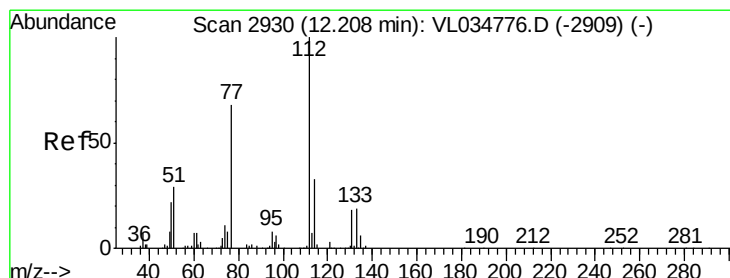
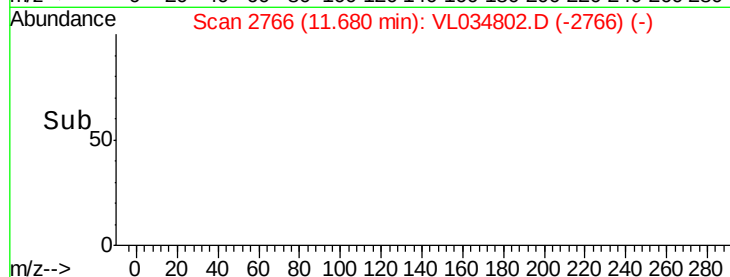
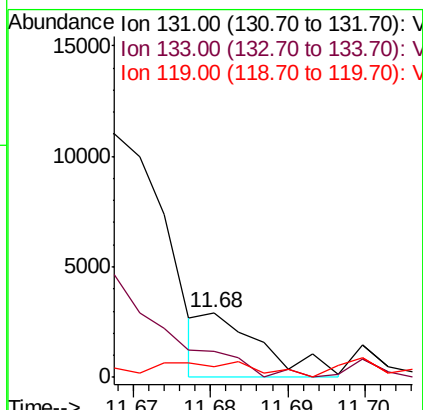
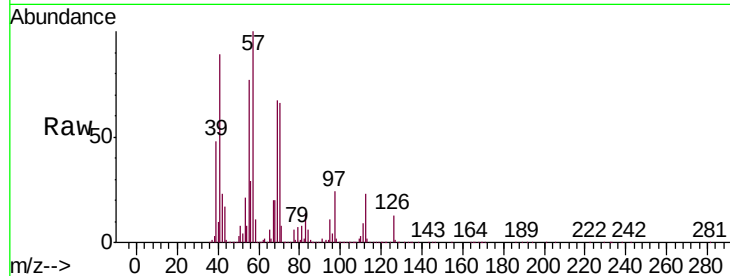




#56
 1,1,1,2-Tetrachloroethane
 Concen: 135.587 ppbv
 RT: 11.68 min Scan# 2766
 Delta R.T. -0.50 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

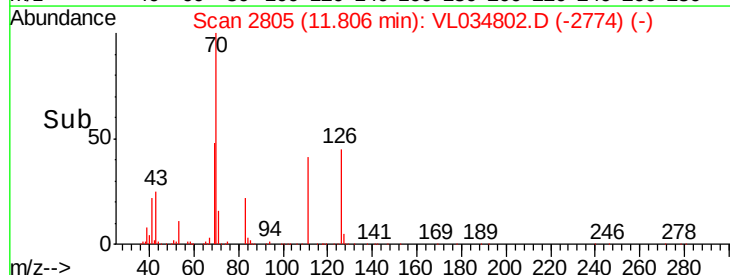
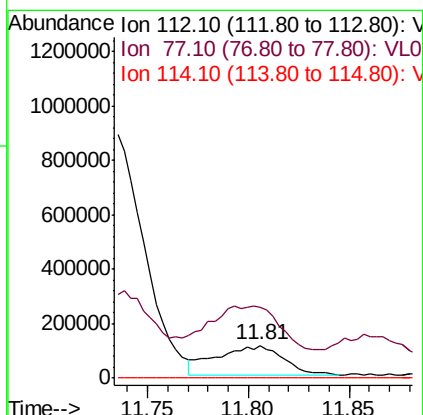
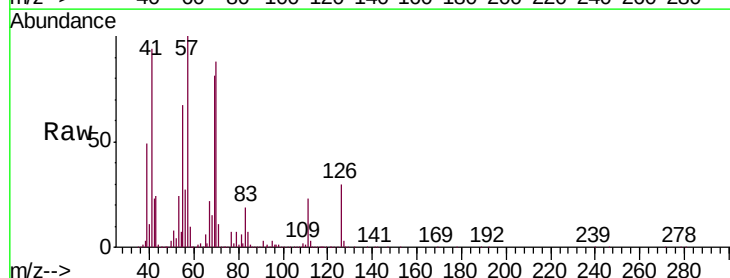
Instrument :
 MSVOA_L
 ClientSampled :
 SS-4-4

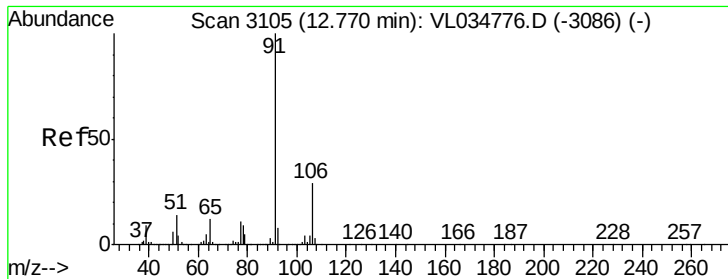
Tgt Ion:131 Resp: 1574
 Ion Ratio Lower Upper
 131 100
 133 0.0 75.4 113.0#
 119 76.7 110.5 165.7#



#57
 Chlorobenzene
 Concen: 12483.867 ppbv
 RT: 11.81 min Scan# 2805
 Delta R.T. -0.40 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

Tgt Ion:112 Resp: 249851
 Ion Ratio Lower Upper
 112 100
 77 121.3 55.6 83.4#
 114 0.0 29.4 36.0#





#58

Ethyl Benzene

Concen: 111.653 ppbv

RT: 12.84 min Scan# 3127

Delta R.T. 0.07 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

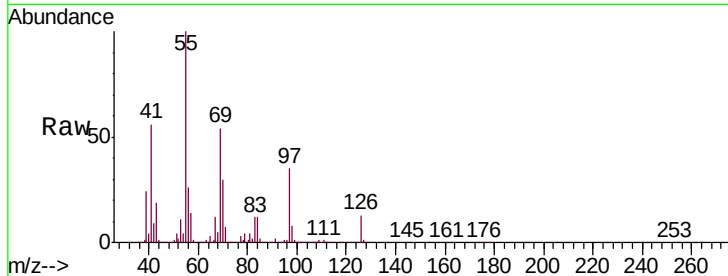
SS-4-4

Tgt Ion: 91 Resp: 3605

Ion Ratio Lower Upper

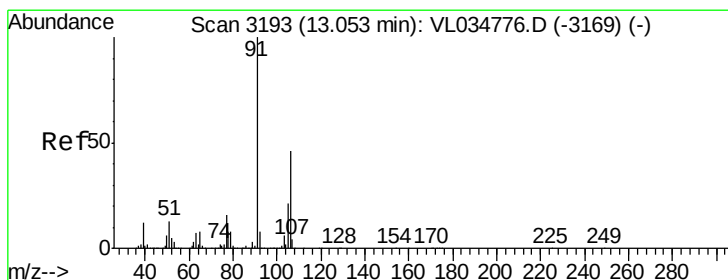
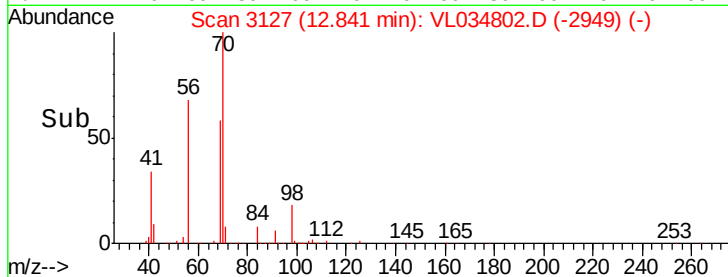
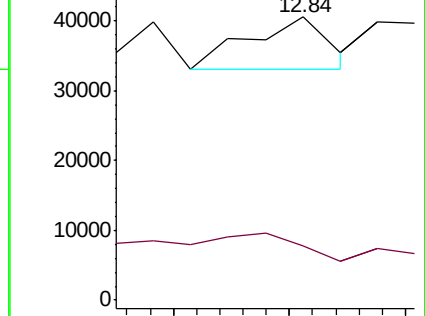
91 100

106 30.8 22.8 34.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 1667.371 ppbv

RT: 12.68 min Scan# 3076

Delta R.T. -0.38 min

Lab File: VL034802.D

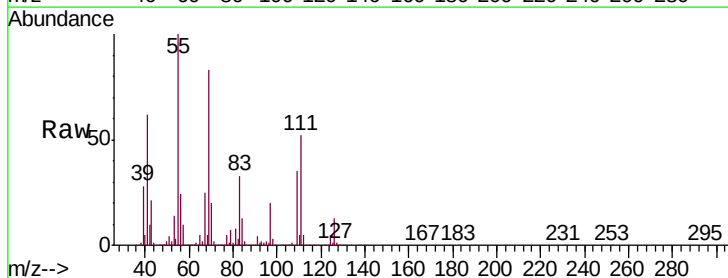
Acq: 5 Mar 2020 19:09

Tgt Ion: 91 Resp: 46602

Ion Ratio Lower Upper

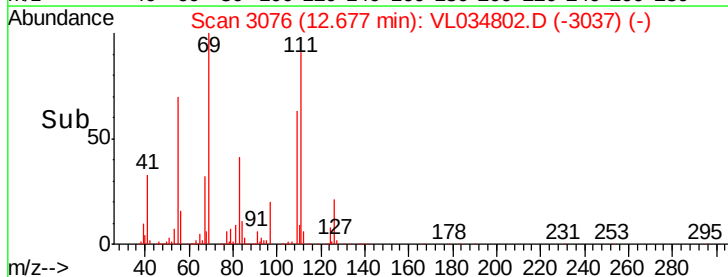
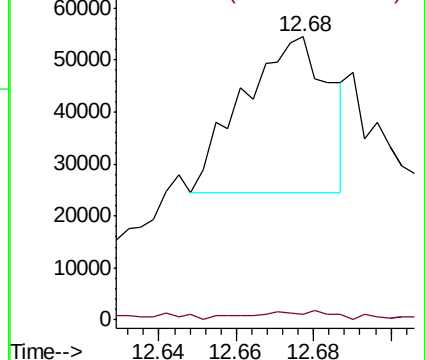
91 100

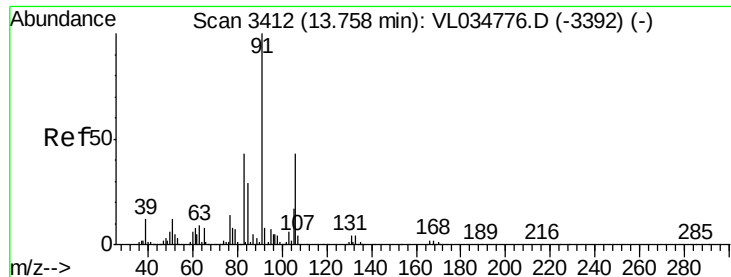
106 0.0 35.8 53.8#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

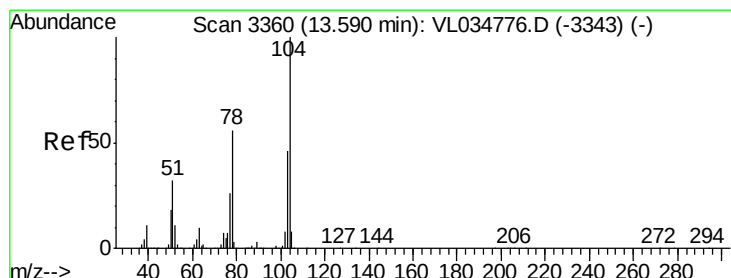
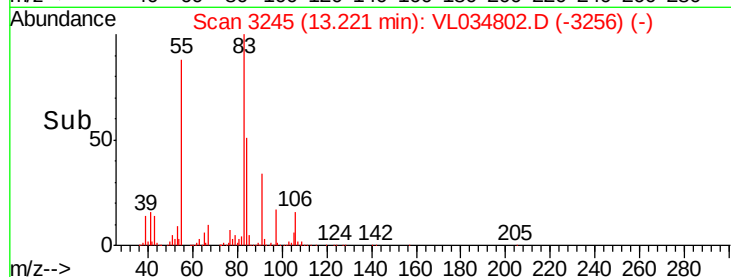
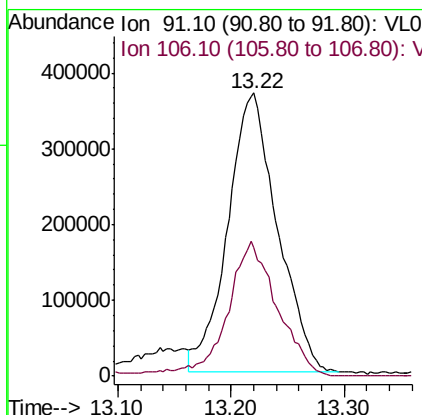
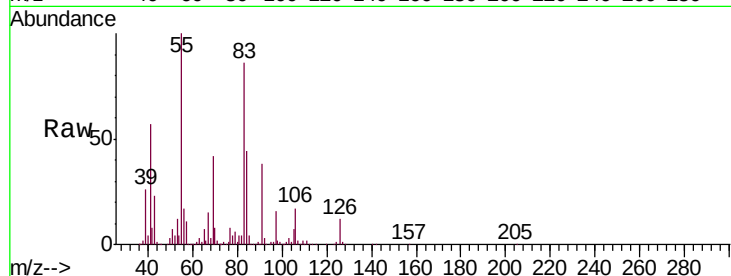




#60
o-Xylene
Concen: 39663.096 ppbv
RT: 13.22 min Scan# 3245
Delta R.T. -0.54 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

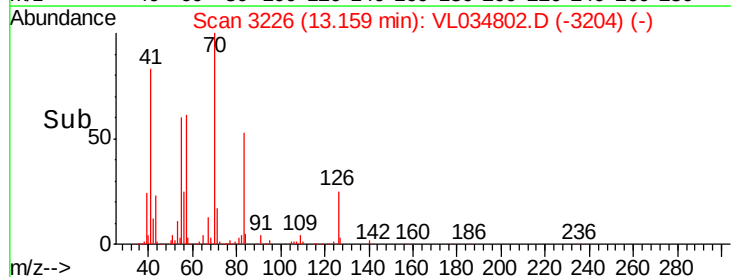
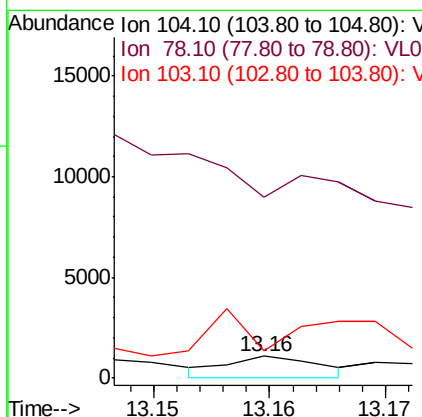
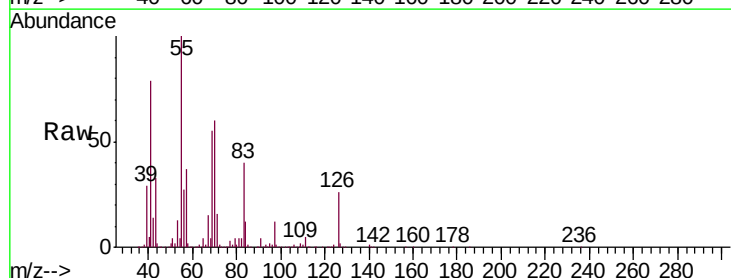
Instrument :
MSVOA_L
ClientSampled :
SS-4-4

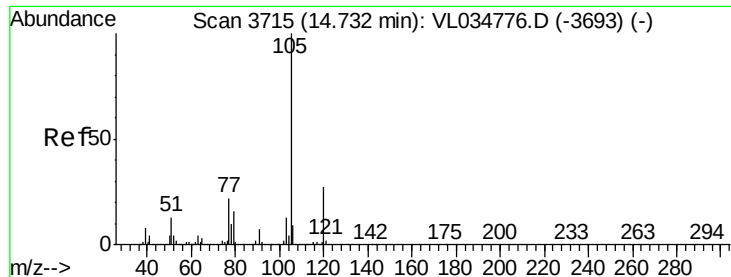
Tgt Ion: 91 Resp: 1121615
Ion Ratio Lower Upper
91 100
106 48.7 21.7 65.1



#61
Styrene
Concen: 34.088 ppbv
RT: 13.16 min Scan# 3226
Delta R.T. -0.43 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

Tgt Ion: 104 Resp: 598
Ion Ratio Lower Upper
104 100
78 0.0 44.7 67.1#
103 0.0 38.2 57.2#





#62

Isopropylbenzene

Concen: 31.740 ppbv

RT: 13.93 min Scan# 3467

Delta R.T. -0.80 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

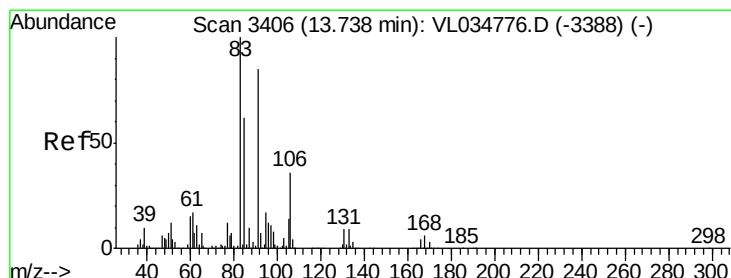
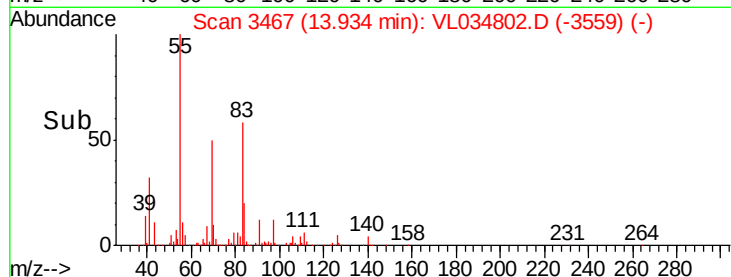
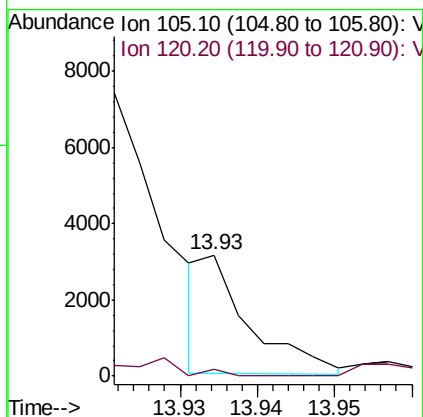
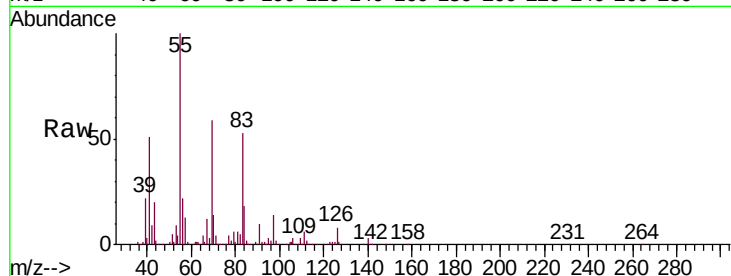
SS-4-4

Tgt Ion:105 Resp: 1321

Ion Ratio Lower Upper

105 100

120 21.6 20.5 30.7



#63

1,1,2,2-Tetrachloroethane

Concen: 3934.043 ppbv

RT: 13.29 min Scan# 3267

Delta R.T. -0.45 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

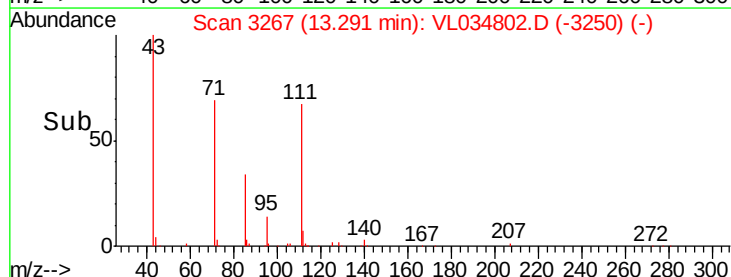
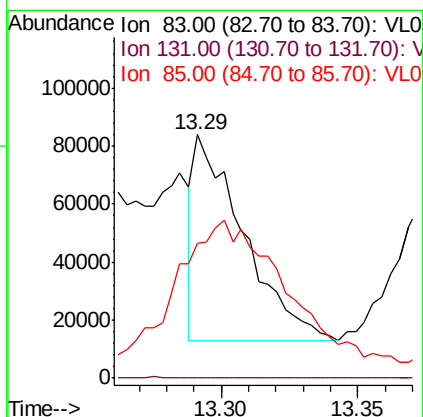
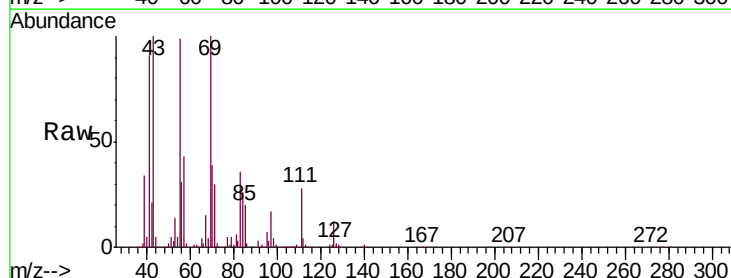
Tgt Ion: 83 Resp: 87699

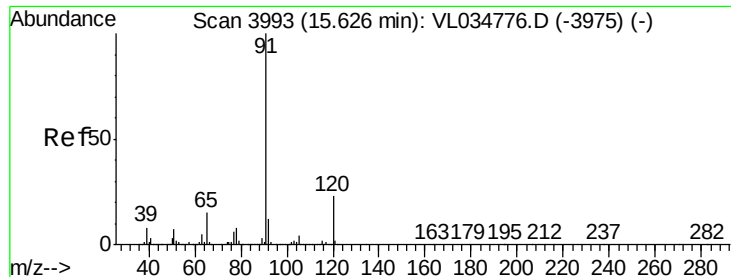
Ion Ratio Lower Upper

83 100

131 0.2 4.7 14.0#

85 192.0 32.9 98.7#





#64

n-propylbenzene

Concen: 8.433 ppbv

RT: 15.15 min Scan# 3846

Delta R.T. -0.47 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

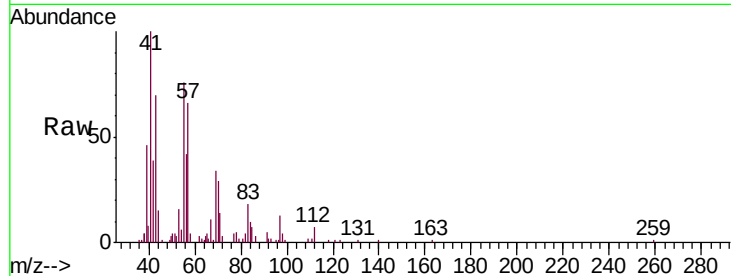
SS-4-4

Tgt Ion:120 Resp: 88

Ion Ratio Lower Upper

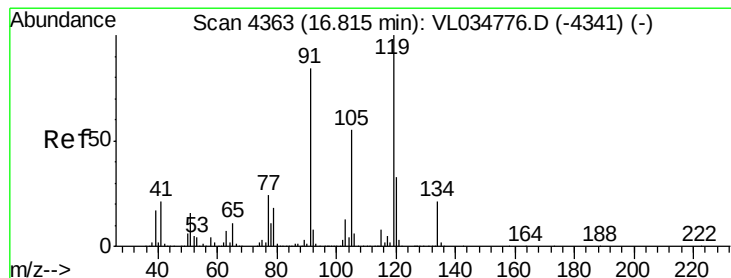
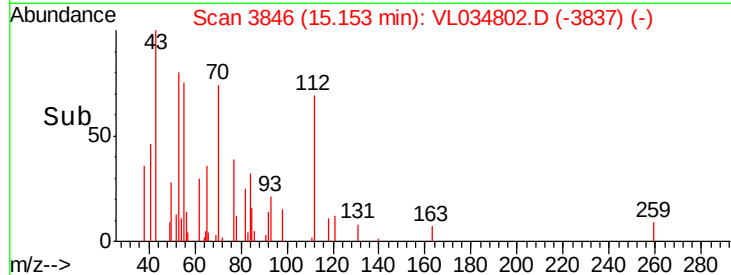
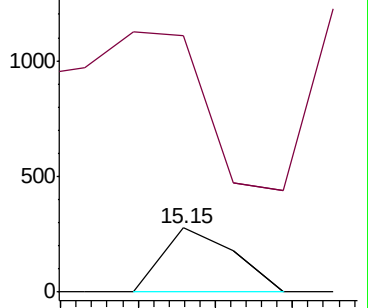
120 100

91 1772.7 379.4 569.2#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.853 ppbv

RT: 16.41 min Scan# 4238

Delta R.T. -0.40 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

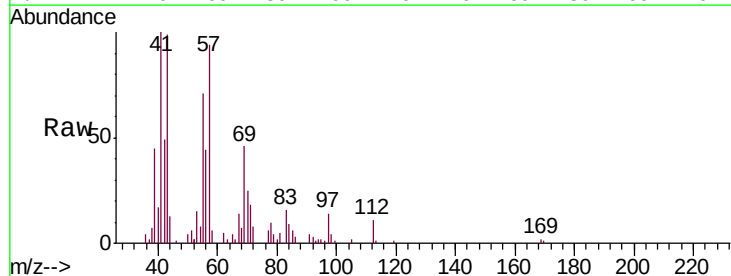
Tgt Ion:119 Resp: 30

Ion Ratio Lower Upper

119 100

91 9396.7 69.8 104.6#

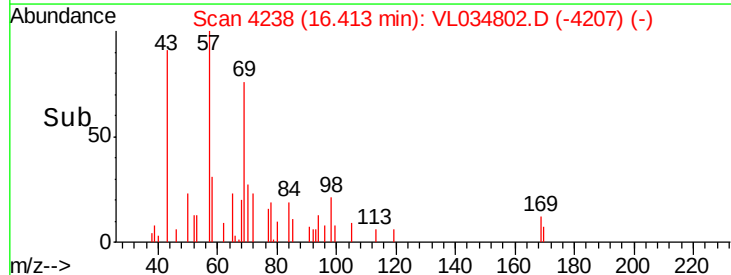
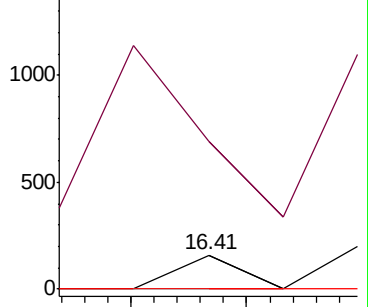
134 0.0 15.9 23.9#

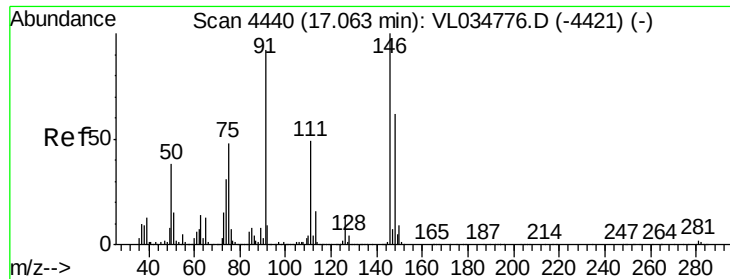


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

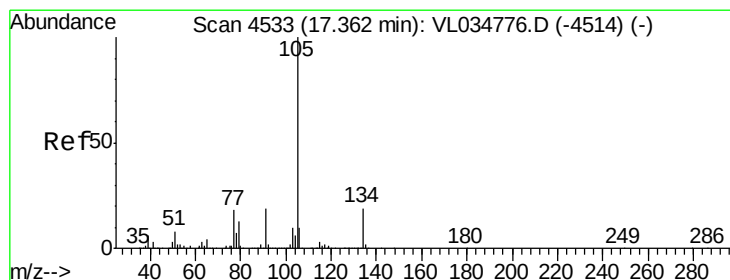
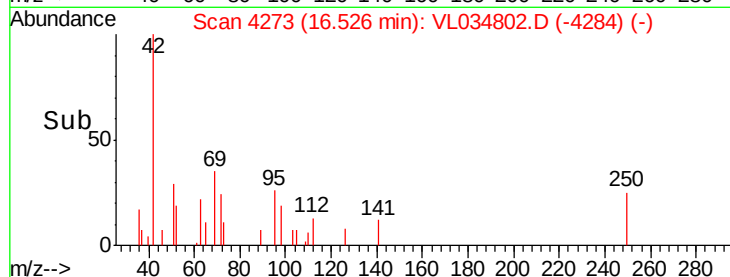
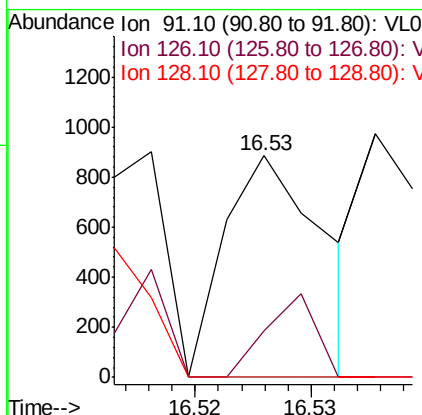
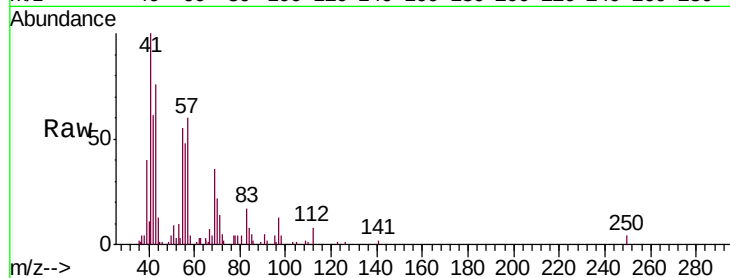




#66
Benzyl Chloride
Concen: 45.993 ppbv
RT: 16.53 min Scan# 4273
Delta R.T. -0.54 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

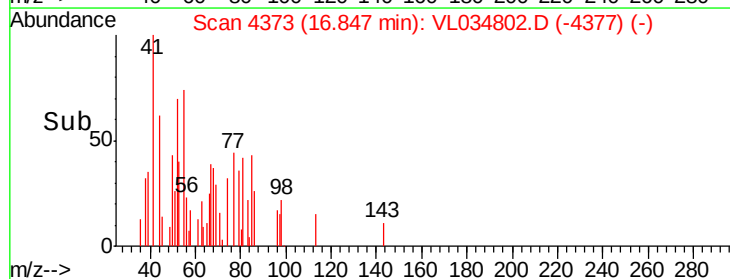
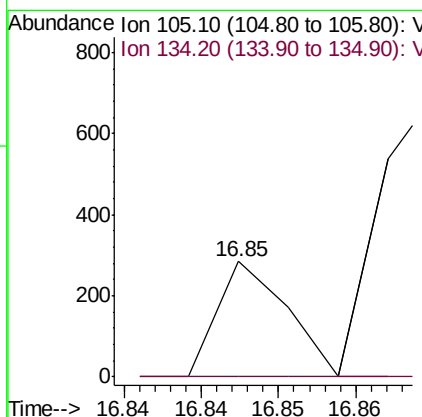
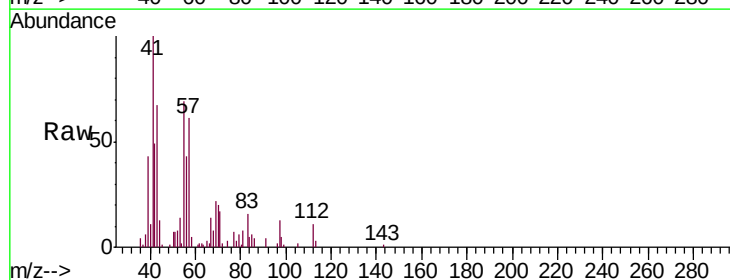
Instrument :
MSVOA_L
ClientSampled :
SS-4-4

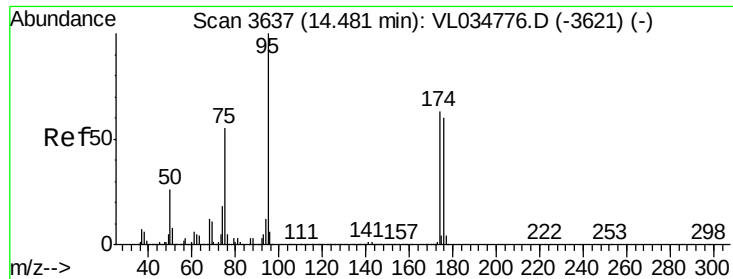
Tgt Ion: 91 Resp: 523
Ion Ratio Lower Upper
91 100
126 19.3 12.6 18.8#
128 0.0 4.3 6.5#



#67
sec-Butylbenzene
Concen: 1.717 ppbv
RT: 16.85 min Scan# 4373
Delta R.T. -0.51 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

Tgt Ion: 105 Resp: 88
Ion Ratio Lower Upper
105 100
134 0.0 14.7 22.1#

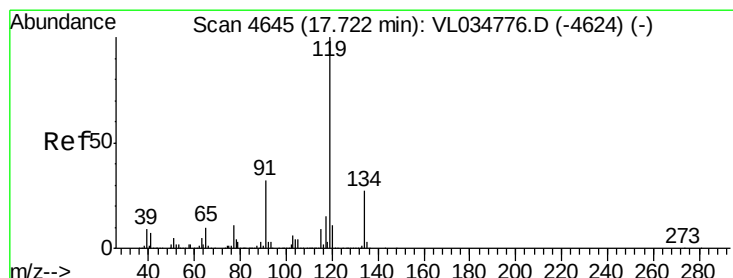
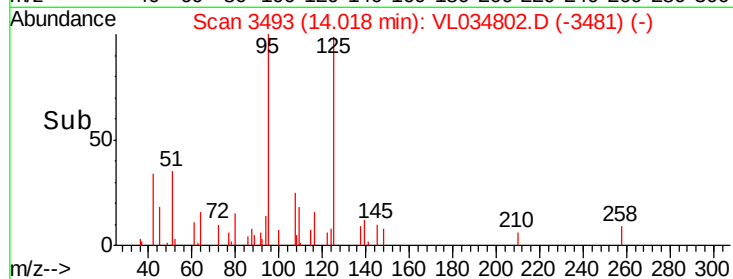
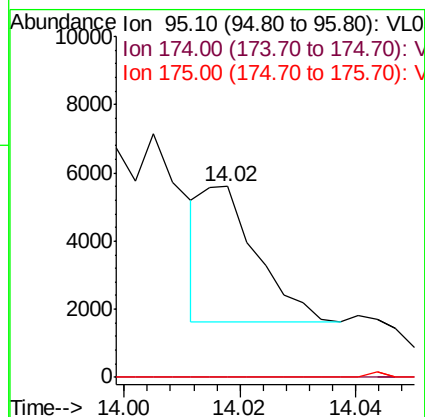
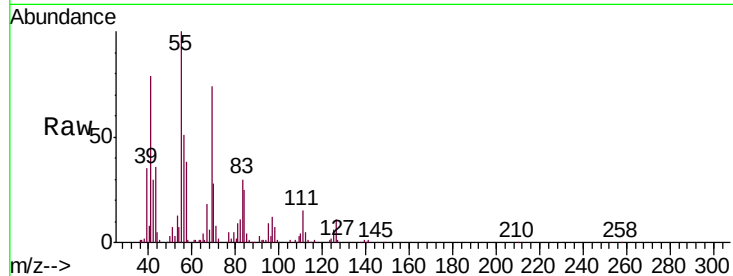




#68
 1-Bromo-4-Fluorobenzene
 Concen: 118.187 ppbv
 RT: 14.02 min Scan# 3493
 Delta R.T. -0.46 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

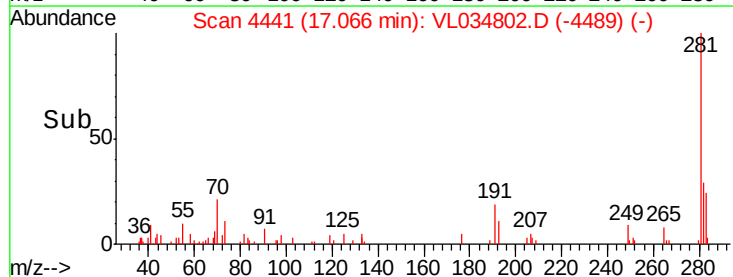
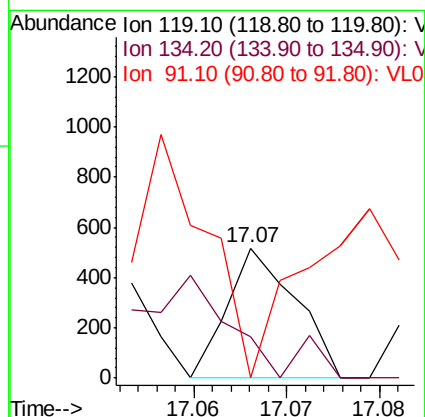
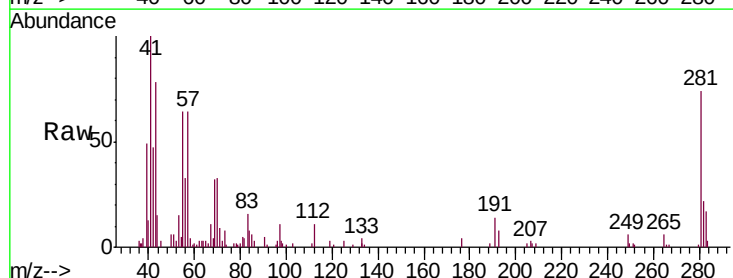
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-4-4

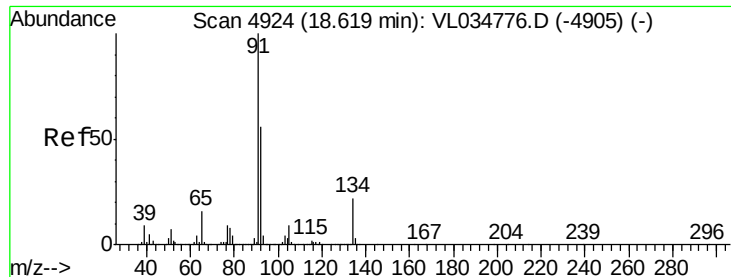
Tgt Ion: 95 Resp: 2582
 Ion Ratio Lower Upper
 95 100
 174 0.0 50.6 76.0#
 175 0.0 3.8 5.6#



#69
 p-Isopropyltoluene
 Concen: 6.437 ppbv
 RT: 17.07 min Scan# 4441
 Delta R.T. -0.66 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

Tgt Ion: 119 Resp: 267
 Ion Ratio Lower Upper
 119 100
 134 108.6 20.6 30.8#
 91 928.8 25.3 37.9#

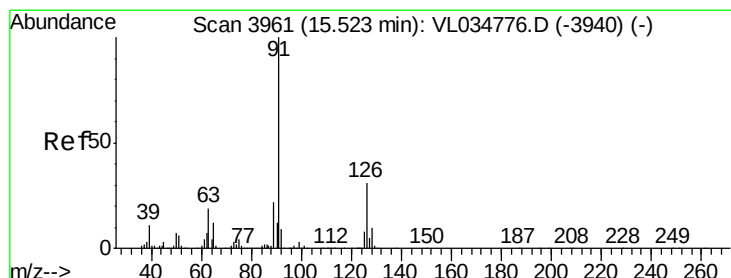
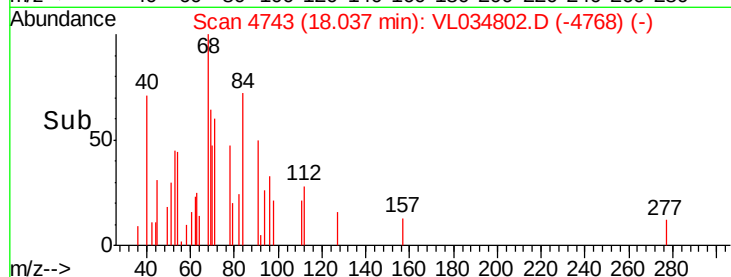
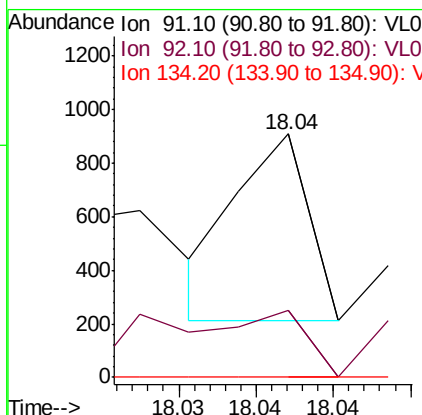
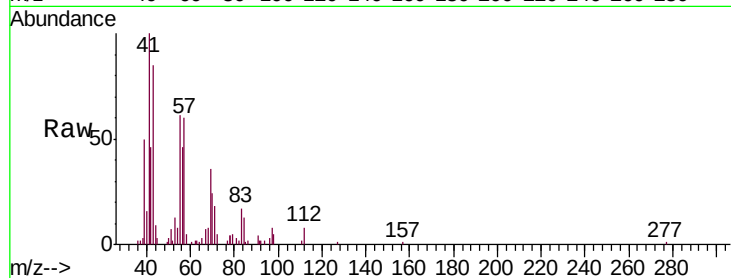




#70
n-Butylbenzene
Concen: 5.027 ppbv
RT: 18.04 min Scan# 4743
Delta R.T. -0.58 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

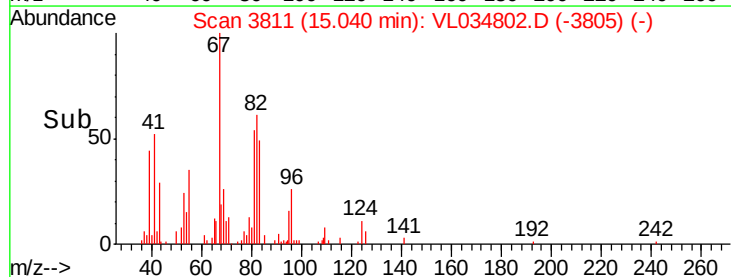
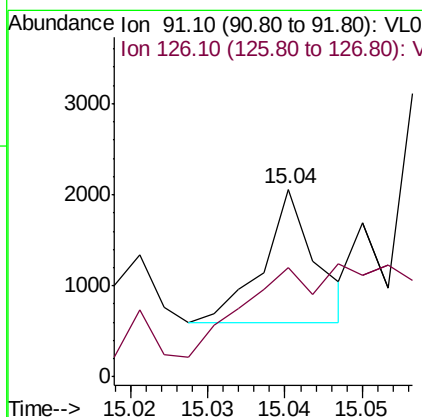
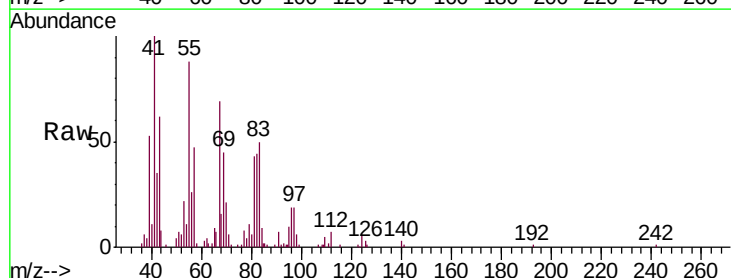
Instrument :
MSVOA_L
ClientSampleId :
SS-4-4

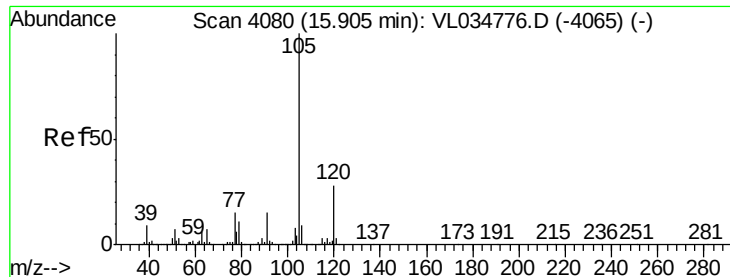
Tgt Ion: 91 Resp: 228
Ion Ratio Lower Upper
91 100
92 0.0 44.0 66.0#
134 0.0 17.7 26.5#



#71
2-Chlorotoluene
Concen: 21.855 ppbv
RT: 15.04 min Scan# 3811
Delta R.T. -0.48 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

Tgt Ion: 91 Resp: 687
Ion Ratio Lower Upper
91 100
126 0.0 11.7 46.7#





#72

4-Ethyltoluene

Concen: 1.048 ppbv

RT: 15.41 min Scan# 3926

Delta R.T. -0.50 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

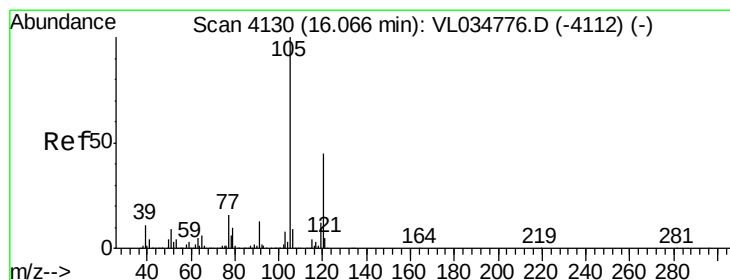
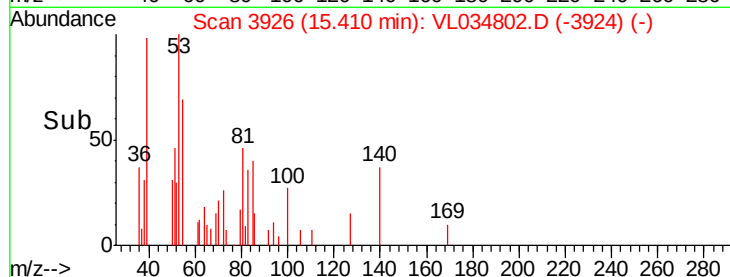
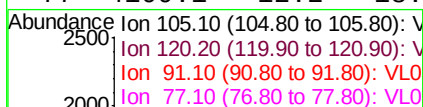
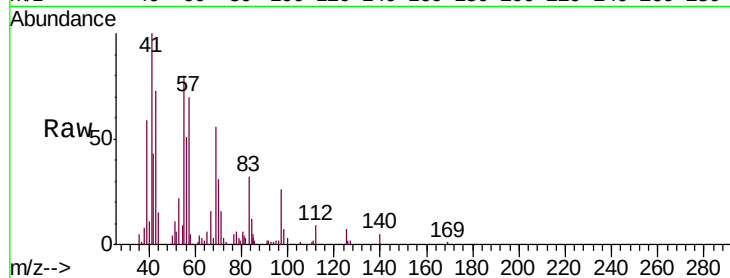
Instrument :

MSVOA_L

ClientSampleId :

SS-4-4

Tgt Ion:	105	Resp:	33
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.0	34.6#
91	3424.2	11.1	16.7#
77	4109.1	12.2	18.4#



#73

1,3,5-Trimethylbenzene

Concen: 1.821 ppbv

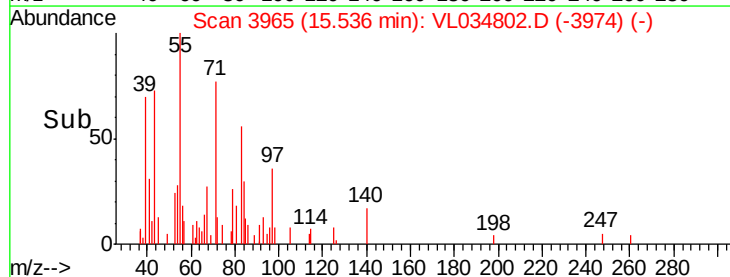
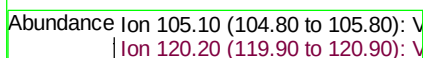
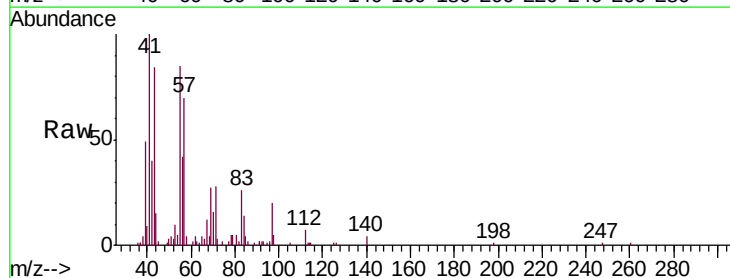
RT: 15.54 min Scan# 3965

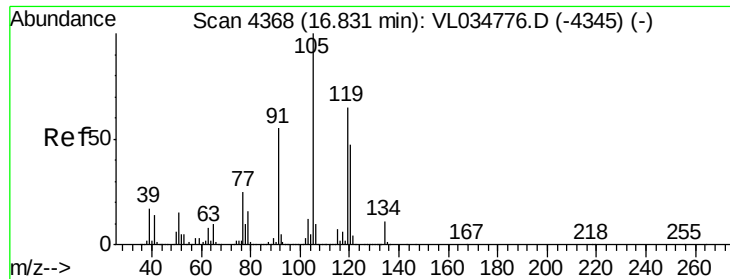
Delta R.T. -0.53 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Tgt Ion:	105	Resp:	55
Ion	Ratio	Lower	Upper
105	100		
120	0.0	35.6	53.4#

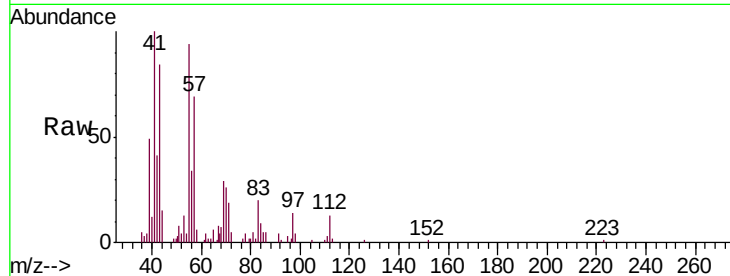




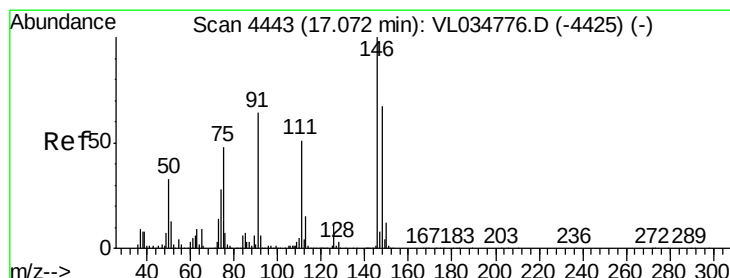
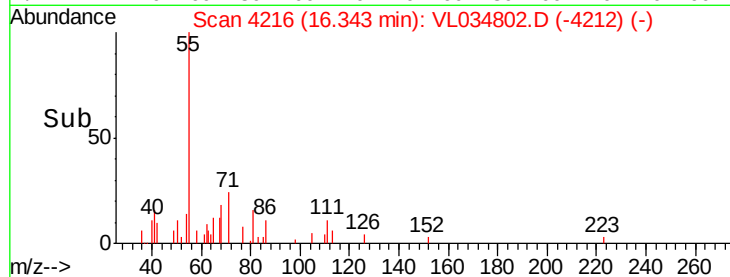
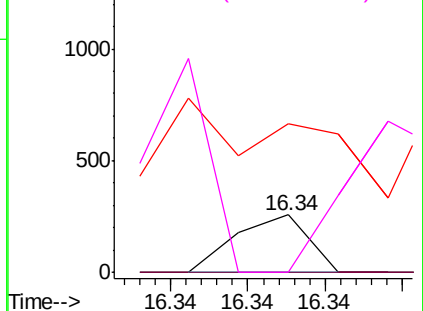
#74
 1,2,4-Trimethylbenzene
 Concen: 2.559 ppbv
 RT: 16.34 min Scan# 4216
 Delta R.T. -0.49 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

Instrument :
 MSVOA_L
 ClientSampled :
 SS-4-4

Tgt Ion:	105	Resp:	84
Ion	Ratio	Lower	Upper
105	100		
120	0.0	37.8	56.6#
91	16.4	43.8	65.8#
77	0.0	19.9	29.9#

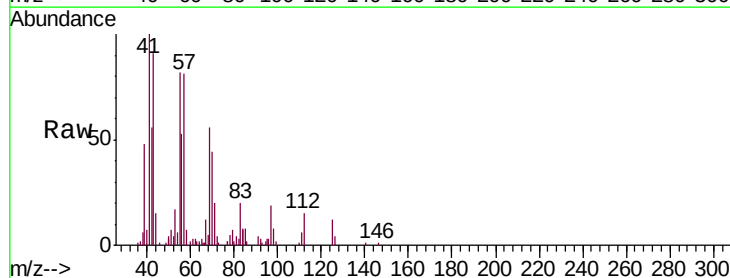


Abundance Ion 105.10 (104.80 to 105.80): V
 Ion 120.20 (119.90 to 120.90): V
 Ion 91.10 (90.80 to 91.80): VL0
 Ion 77.10 (76.80 to 77.80): VL0

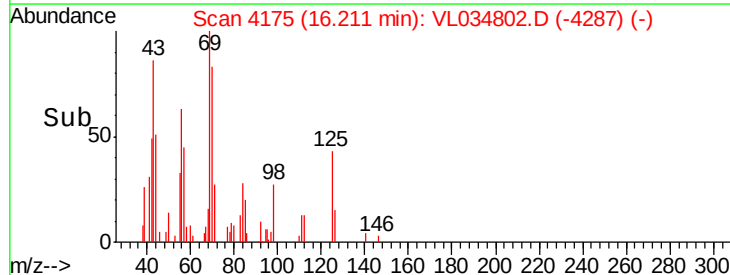
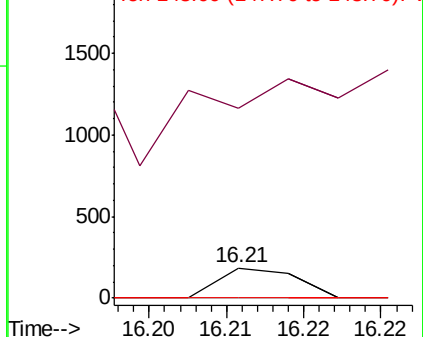


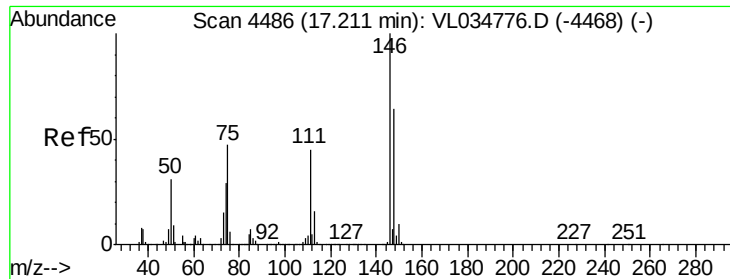
#75
 1,3-Dichlorobenzene
 Concen: 3.344 ppbv
 RT: 16.21 min Scan# 4175
 Delta R.T. -0.86 min
 Lab File: VL034802.D
 Acq: 5 Mar 2020 19:09

Tgt Ion:	146	Resp:	65
Ion	Ratio	Lower	Upper
146	100		
111	11841.5	24.7	74.1#
148	0.0	31.8	95.4#



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





#76

1,4-Dichlorobenzene

Concen: 6.721 ppbv

RT: 17.06 min Scan# 4438

Delta R.T. -0.15 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampled :

SS-4-4

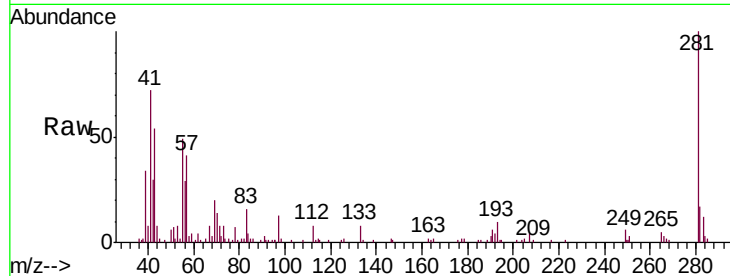
Tgt Ion:146 Resp: 125

Ion Ratio Lower Upper

146 100

111 150.4 23.5 70.5#

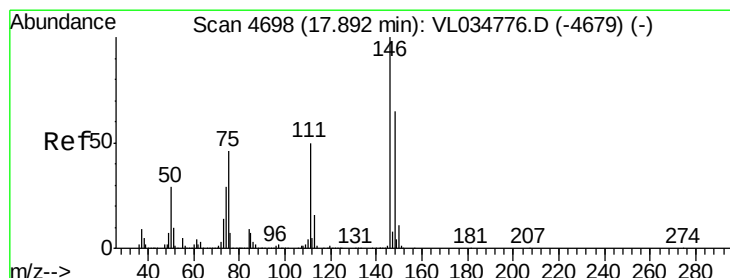
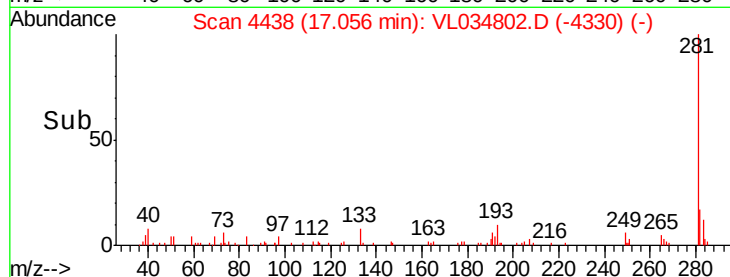
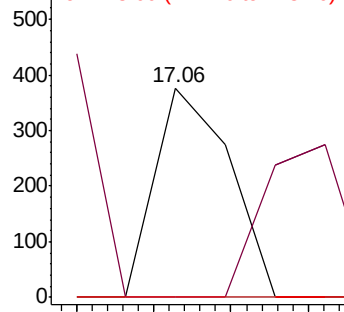
148 0.0 32.2 96.6#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#77

1,2-Dichlorobenzene

Concen: 6.723 ppbv

RT: 17.06 min Scan# 4438

Delta R.T. -0.84 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

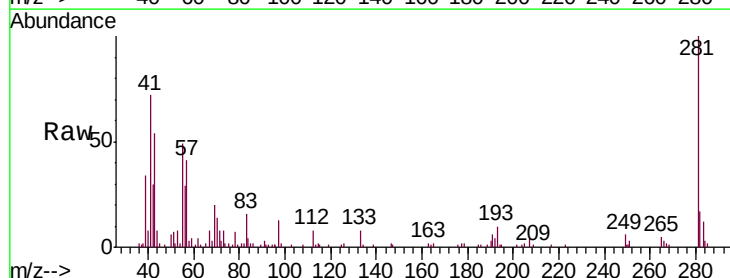
Tgt Ion:146 Resp: 125

Ion Ratio Lower Upper

146 100

111 229.6 25.3 75.8#

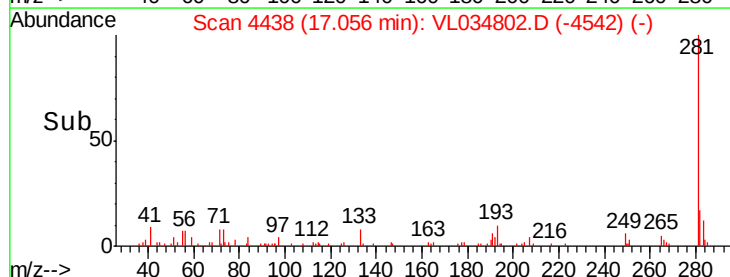
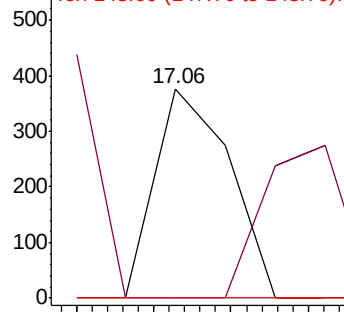
148 56.0 32.3 96.9

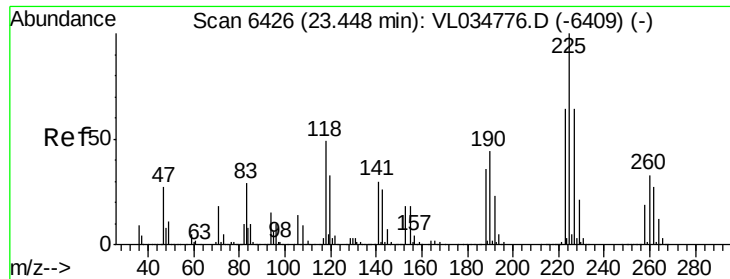


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#78

Hexachloro-1,3-Butadiene

Concen: 4.383 ppbv

RT: 22.65 min Scan# 6179

Delta R.T. -0.79 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

SS-4-4

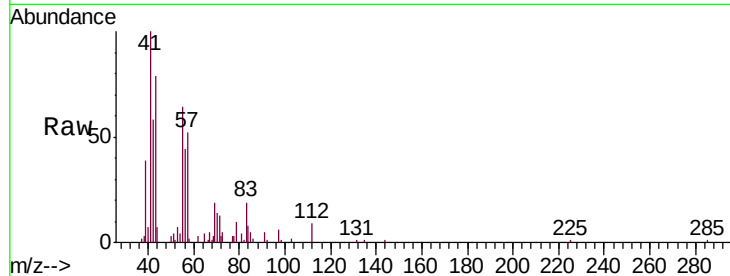
Tgt Ion: 225 Resp: 68

Ion Ratio Lower Upper

225 100

223 0.0 51.3 76.9#

227 0.0 51.9 77.9#



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

225

200

150

100

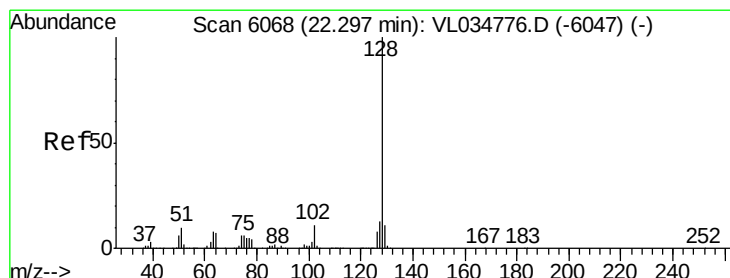
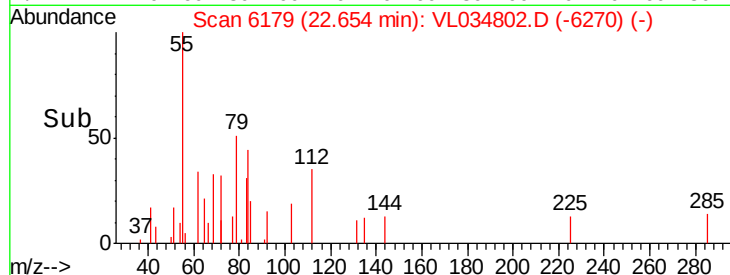
50

0

22.65

22.66

Time-->



#79

Naphthalene

Concen: 3.242 ppbv

RT: 21.44 min Scan# 5800

Delta R.T. -0.86 min

Lab File: VL034802.D

Acq: 5 Mar 2020 19:09

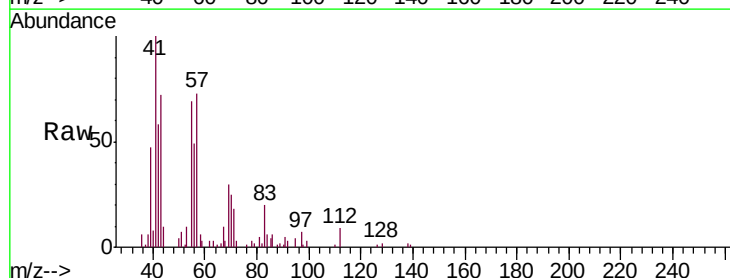
Tgt Ion: 128 Resp: 80

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 9.0 13.6#



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V

300

250

200

150

100

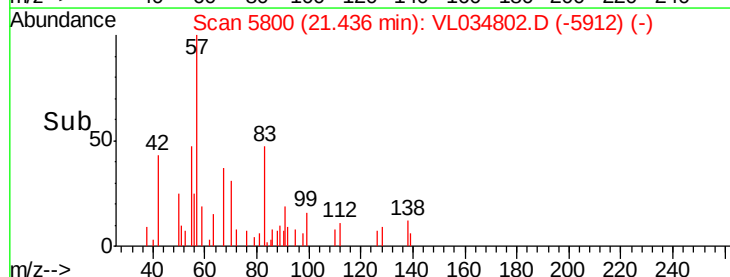
50

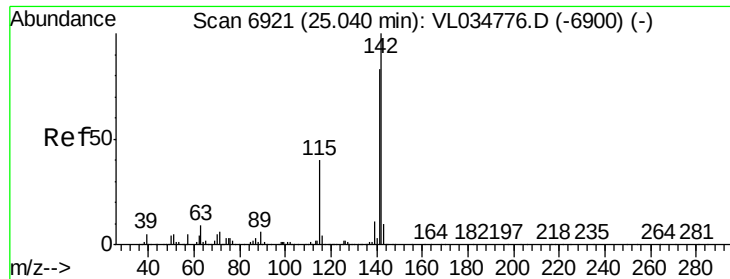
0

21.43

21.44

Time-->

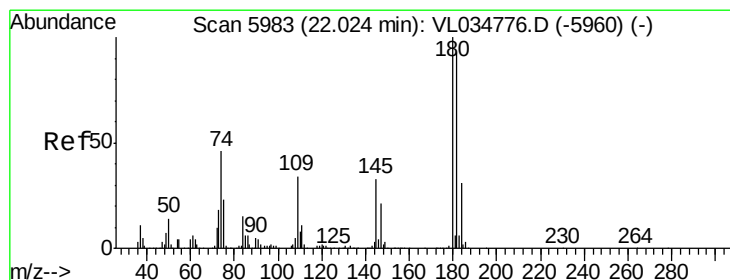
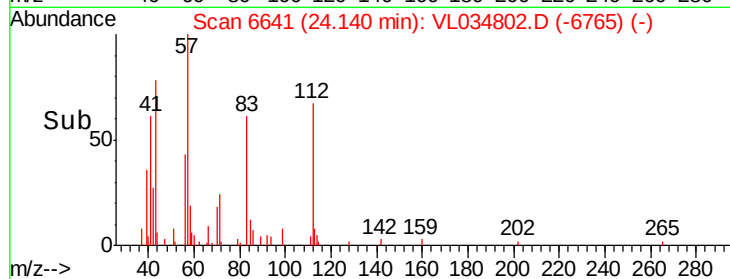
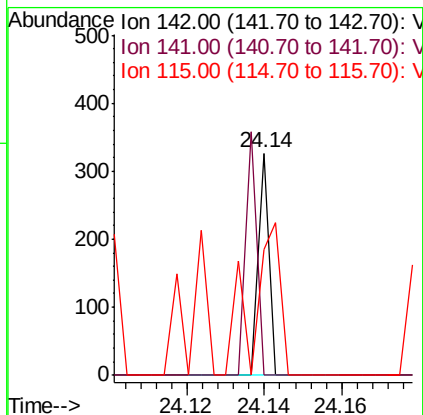
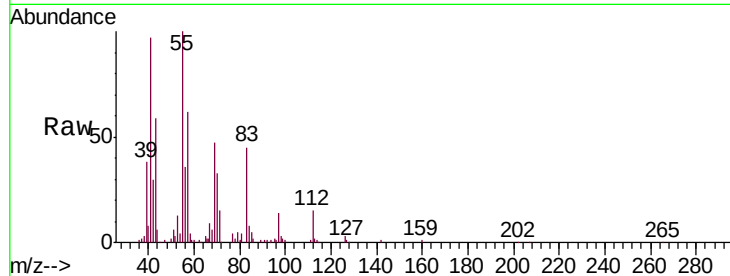




#80
Naphthalene, 2-methyl-
Concen: 10.691 ppbv
RT: 24.14 min Scan# 6641
Delta R.T. -0.90 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :
SS-4-4

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	67.7	101.5#
115	176.2	30.7	46.1#



#81
1,2,4-Trichlorobenzene
Concen: 4.039 ppbv
RT: 21.50 min Scan# 5821
Delta R.T. -0.52 min
Lab File: VL034802.D
Acq: 5 Mar 2020 19:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.8	115.2#
184	47.6	24.8	37.2#

