

Data File : VL034806.D
Acq On : 5 Mar 2020 21:47
Operator : SY/AP
Sample : L1698-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4

Quant Time: Mar 06 03:48:11 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	5.64	49	1874381	10.00	ppbv	-0.05
33) 1,4-Difluorobenzene	7.26	114	82968	10.00	ppbv	0.05
55) Chlorobenzene-d5	12.24	117	260	10.00	ppbv	0.09

System Monitoring Compounds
68) 1-Bromo-4-Fluorobenzene 14.63 95 261975 12083.71 ppbv 0.14
Spiked Amount 10.000 Range 65 - 135 Recovery = 120837.10%#

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.01	85	19198	0.063	ppbv	96
3) Chlorodifluoromethane	3.00	51	2164111	10.134	ppbv #	58
4) Chloromethane	3.10	50	30045	0.261	ppbv	98
5) Vinyl Chloride	3.19	62	18777460	154.534	ppbv #	7
7) Chloroethane	3.19	64	13712207	326.365	ppbv #	44
8) Dichlorotetrafluoroethane	3.19	85	19287	0.073	ppbv #	29
9) Propene	3.16	41	2347696	27.931	ppbv	89
10) Heptane	8.11	43	51024	0.239	ppbv #	27
11) Trichlorofluoromethane	3.93	101	778322	2.844	ppbv	96
13) Ethanol	3.59	45	735246	25.530	ppbv	100
15) Acetone	3.83	43	7967858	35.499	ppbv #	1
16) 1,3-Butadiene	3.27	39	8083377	79.596	ppbv #	18
17) tert-Butyl alcohol	4.26	59	115868	0.655	ppbv #	71
18) 1,1-Dichloroethene	4.29	96	452410	5.432	ppbv #	77
19) Isopropyl Alcohol	3.98	45	3749991	27.884	ppbv #	1
20) Methylene Chloride	4.35	84	6932430	86.537	ppbv #	74
21) Allyl Chloride	4.38	41	10287529	72.375	ppbv #	73
22) trans-1,2-Dichloroethene	4.91	96	9148035	112.511	ppbv #	69
23) Vinyl Acetate	4.94	43	3544665	11.777	ppbv #	58
24) 1,1-Dichloroethane	5.04	63	3310129	14.169	ppbv #	93
25) Ethyl Acetate	5.68	43	1609306	4.149	ppbv #	1
26) Hexane	5.68	57	1837543	10.844	ppbv #	1
27) Carbon Disulfide	4.56	76	14785231	74.691	ppbv #	61
28) Methyl tert-Butyl Ether	5.06	73	68499	0.272	ppbv #	52
29) Chloroform	5.88	83	11830	0.041	ppbv	87
30) Cyclohexane	7.00	84	645688	4.981	ppbv #	1
31) cis-1,2-Dichloroethene	5.82	61	1315868	7.571	ppbv	99
34) 2-Butanone	5.37	43	3277543	607.212	ppbv #	1
35) Carbon Tetrachloride	7.10	117	381	0.061	ppbv #	21
36) Benzene	7.00	78	17526976	2472.182	ppbv #	17
37) 1,2-Dichloroethane	6.38	62	31514	6.508	ppbv #	84
38) Trichloroethene	7.92	130	1132789	409.956	ppbv	94
39) 1,2-Dichloropropane	7.71	63	21047	7.356	ppbv #	1
40) 1,4-Dioxane	7.92	88	574	0.580	ppbv #	1
41) Tetrahydrofuran	6.10	42	300762	109.206	ppbv #	36
42) Bromodichloromethane	7.90	83	3842737	627.160	ppbv #	26
43) Methyl Methacrylate	8.09	69	2906453	967.443	ppbv #	1
44) 2,2,4-Trimethylpentane	7.98	57	2555883	206.296	ppbv #	1
45) t-1,3-Dichloropropene	9.39	75	1680	0.533	ppbv #	1
46) cis-1,3-Dichloropropene	8.81	75	2365	0.614	ppbv #	1
47) 1,1,2-Trichloroethane	9.57	97	235990	78.125	ppbv #	30

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Dibromochloromethane	10.38	129	336	0.071	ppbv	64
50) 4-Methyl-2-Pentanone	8.83	43	26060	3.369	ppbv #	1
51) 2-Hexanone	10.27	43	370917	61.137	ppbv #	29
52) Tetrachloroethene	11.41	164	8936	3.412	ppbv	91
53) Toluene	10.06	91	7774108	1036.062	ppbv #	21
56) 1,1,1,2-Tetrachloroethane	12.27	131	159	13.802	ppbv #	1
57) Chlorobenzene	12.32	112	53091	2673.110	ppbv #	48
58) Ethyl Benzene	13.04	91	28352855	884889.813	ppbv #	32
59) m/p-Xylene	13.15	91	10336461	372672.694	ppbv #	1
60) o-Xylene	14.01	91	26938932	959955.550	ppbv #	56
61) Styrene	13.81	104	93434	5367.001	ppbv #	26
62) Isopropylbenzene	14.84	105	22164	536.628	ppbv #	49
63) 1,1,2,2-Tetrachloroethane	13.83	83	215203	9727.937	ppbv #	2
64) n-propylbenzene	15.75	120	890	85.941	ppbv #	1
65) tert-Butylbenzene	16.94	119	33	0.945	ppbv #	15
66) Benzyl Chloride	17.20	91	4422	391.869	ppbv #	1
67) sec-Butylbenzene	17.50	105	2609	51.298	ppbv #	59
69) p-Isopropyltoluene	17.86	119	219	5.321	ppbv #	46
70) n-Butylbenzene	18.76	91	3490	77.544	ppbv #	32
71) 2-Chlorotoluene	15.75	91	36916	1183.412	ppbv	91
72) 4-Ethyltoluene	16.03	105	4731	151.414	ppbv #	55
73) 1,3,5-Trimethylbenzene	16.18	105	3511	117.147	ppbv #	35
74) 1,2,4-Trimethylbenzene	16.96	105	2382	73.110	ppbv #	46
79) Naphthalene	22.47	128	541	22.096	ppbv #	63
80) Naphthalene,2-methyl-	24.99	142	4842	827.990	ppbv #	1
81) 1,2,4-Trichlorobenzene	22.54	180	71	4.587	ppbv #	12

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

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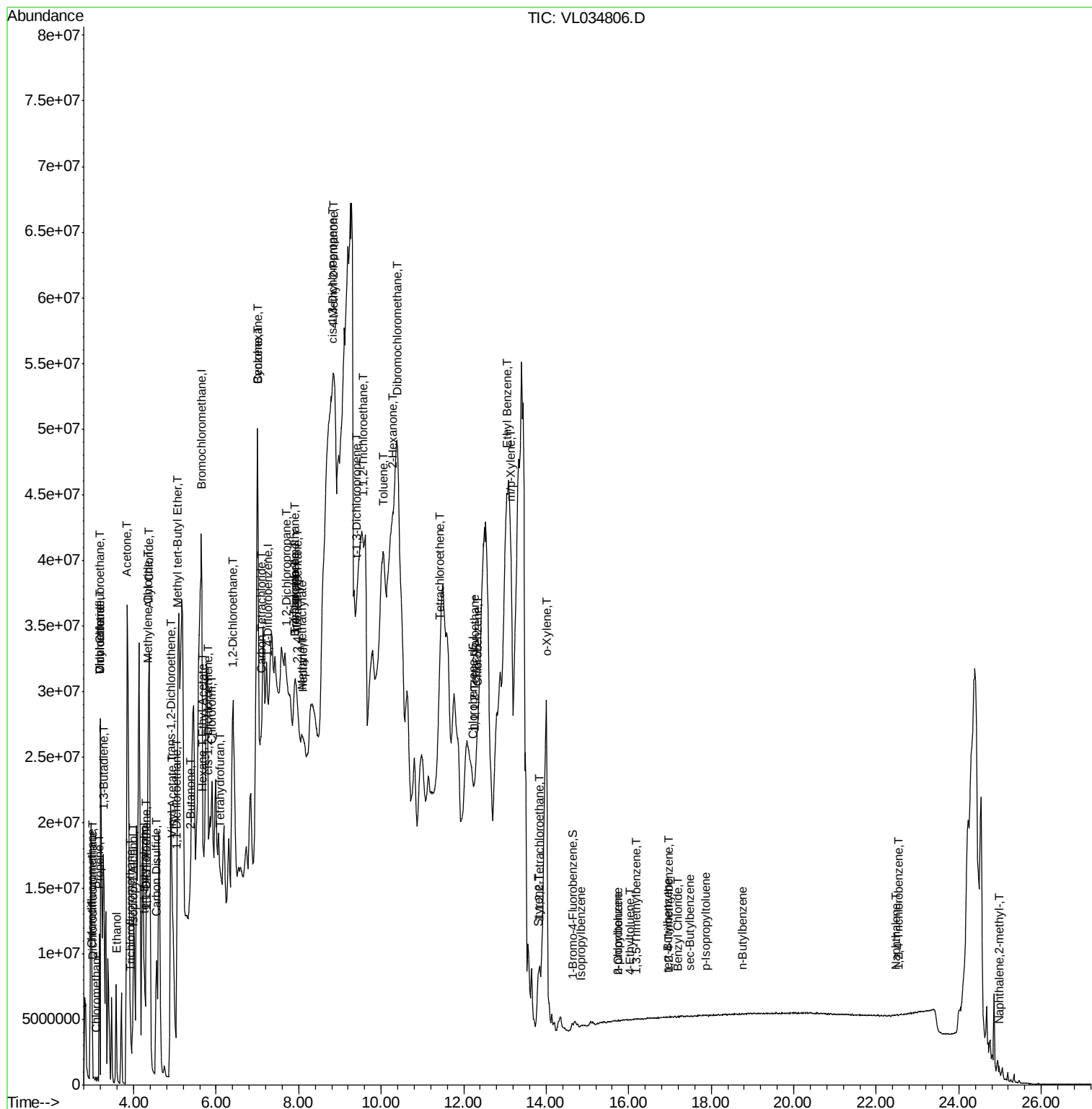
Quant Time: Mar 06 03:48:11 2020

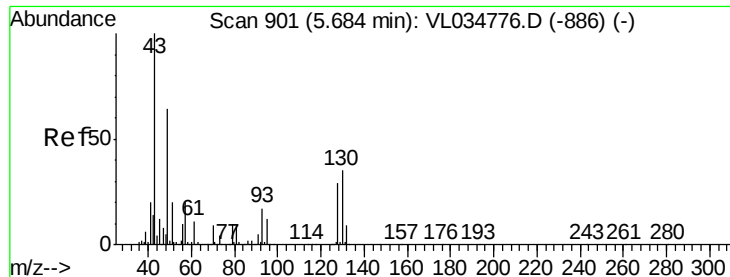
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_L\METHODS\VL030420AIR.M

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.05 min

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ClientSampleId :

SS-3-4

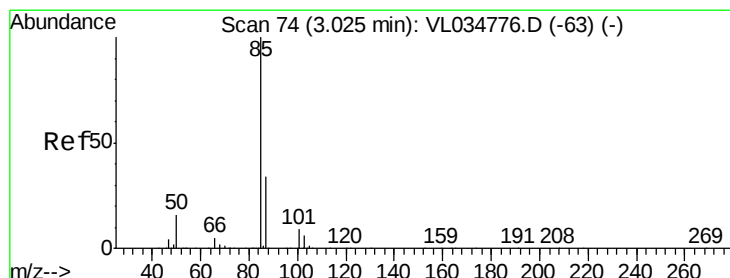
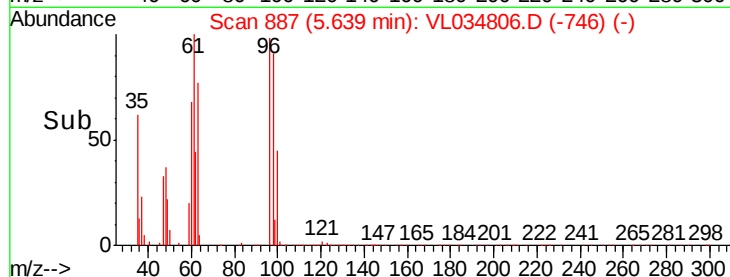
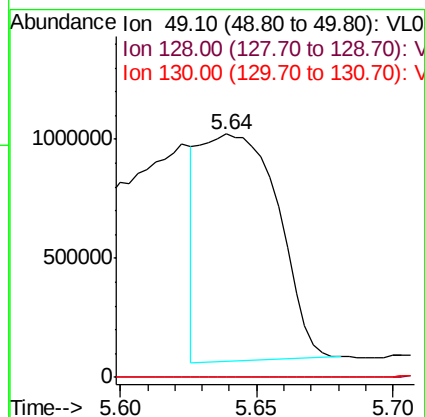
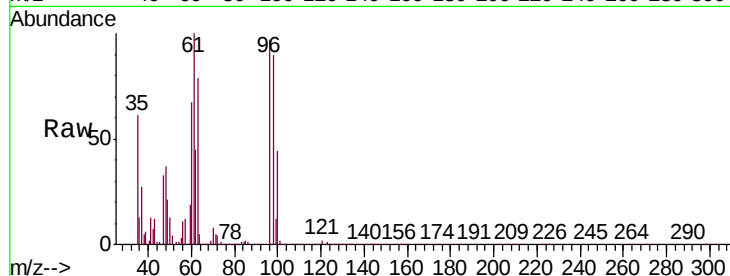
Tgt Ion: 49 Resp: 1874381

Ion Ratio Lower Upper

49 100

128 0.0 21.6 64.6#

130 0.0 27.4 82.2#



#2

Dichlorodifluoromethane

Concen: 0.063 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.02 min

Lab File: VL034806.D

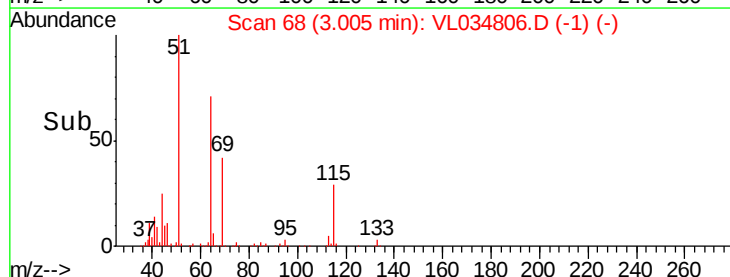
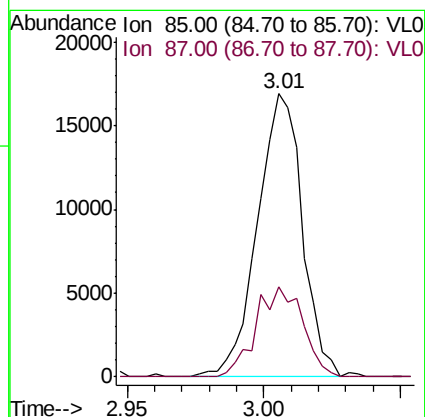
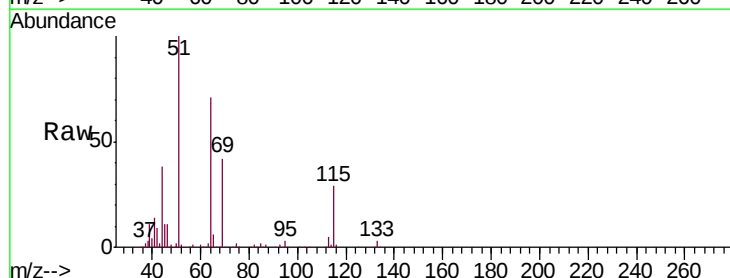
Acq: 5 Mar 2020 21:47

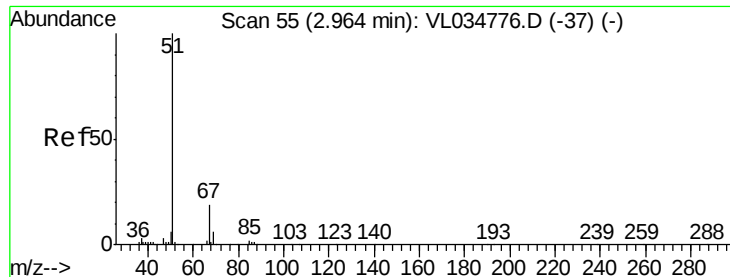
Tgt Ion: 85 Resp: 19198

Ion Ratio Lower Upper

85 100

87 32.0 27.2 40.8





#3

Chlorodifluoromethane

Concen: 10.134 ppbv

RT: 3.00 min Scan# 65

Delta R.T. 0.03 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

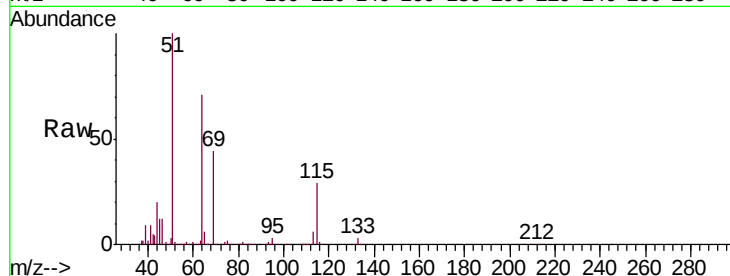
SS-3-4

Tgt Ion: 51 Resp: 2164111

Ion Ratio Lower Upper

51 100

67 0.1 15.3 22.9#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2000000

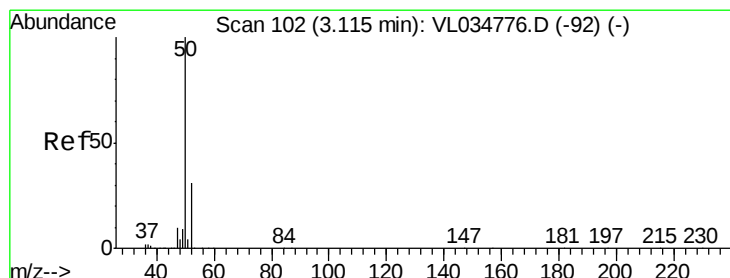
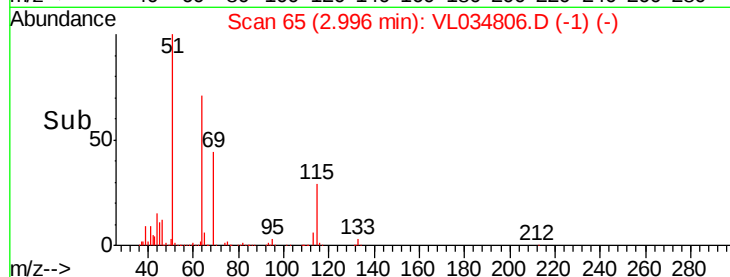
1500000

1000000

500000

0

Time-->



#4

Chloromethane

Concen: 0.261 ppbv

RT: 3.10 min Scan# 97

Delta R.T. -0.02 min

Lab File: VL034806.D

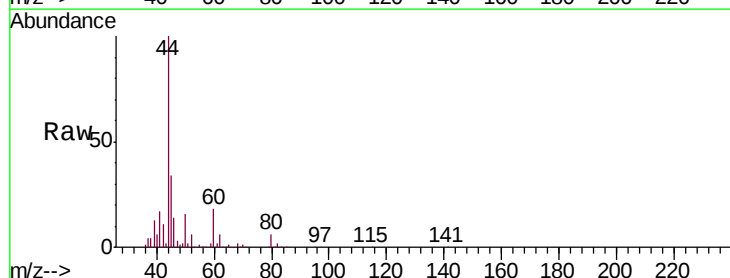
Acq: 5 Mar 2020 21:47

Tgt Ion: 50 Resp: 30045

Ion Ratio Lower Upper

50 100

52 32.4 25.0 37.4



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

25000

20000

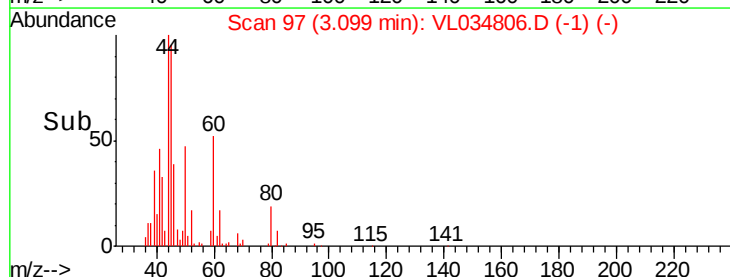
15000

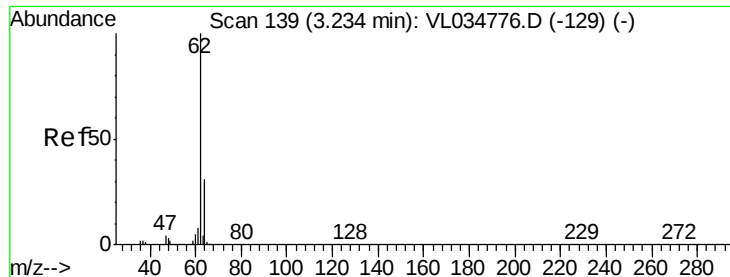
10000

5000

0

Time-->





#5

Vinyl Chloride

Concen: 154.534 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.05 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

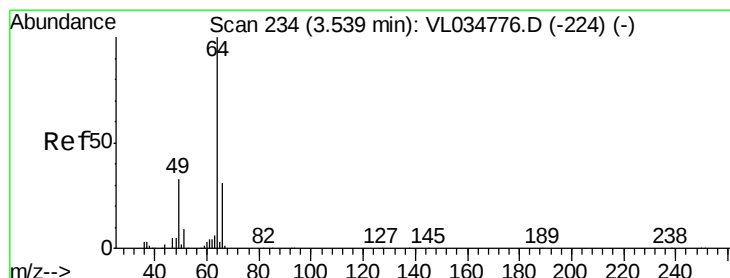
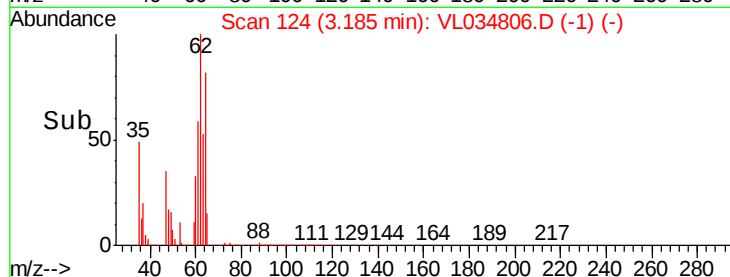
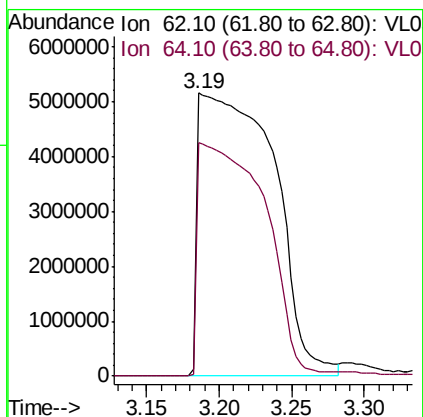
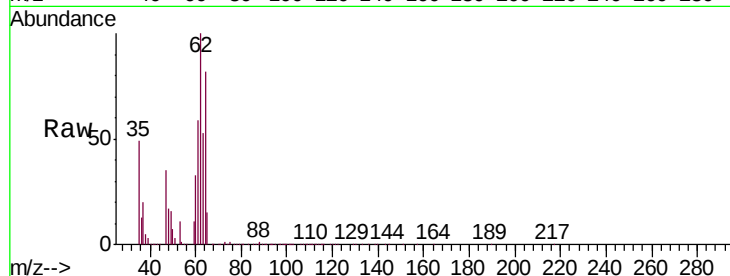
SS-3-4

Tgt Ion: 62 Resp:18777460

Ion Ratio Lower Upper

62 100

64 82.6 25.1 37.7#



#7

Chloroethane

Concen: 326.365 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.35 min

Lab File: VL034806.D

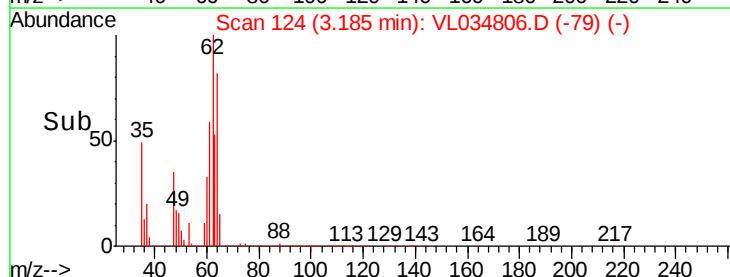
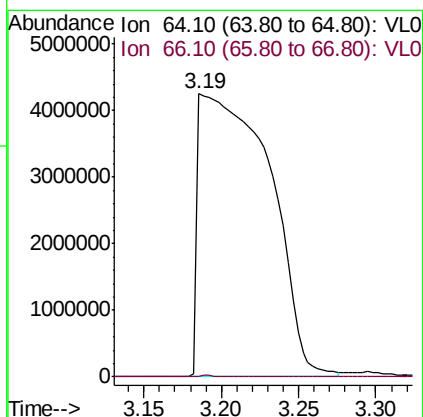
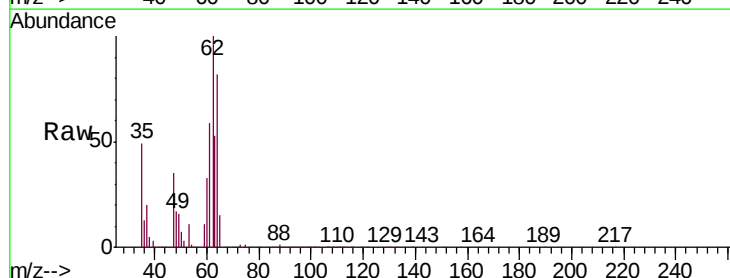
Acq: 5 Mar 2020 21:47

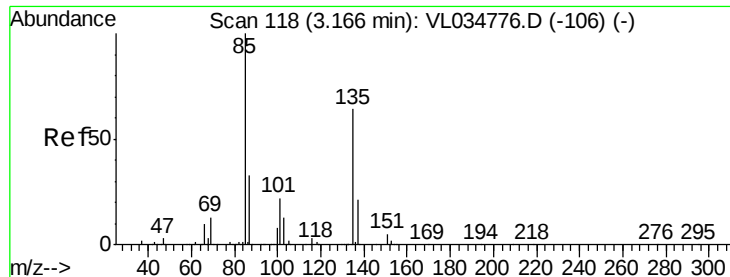
Tgt Ion: 64 Resp:13712207

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#





#8

Dichlorotetrafluoroethane

Concen: 0.073 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.02 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

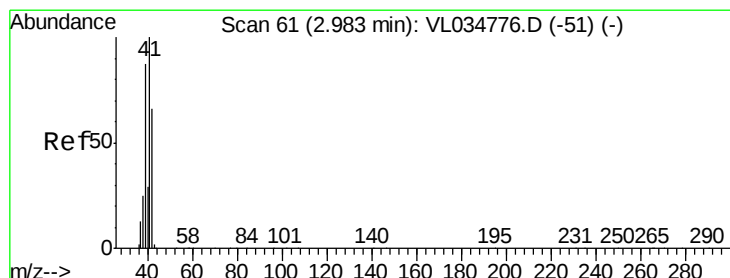
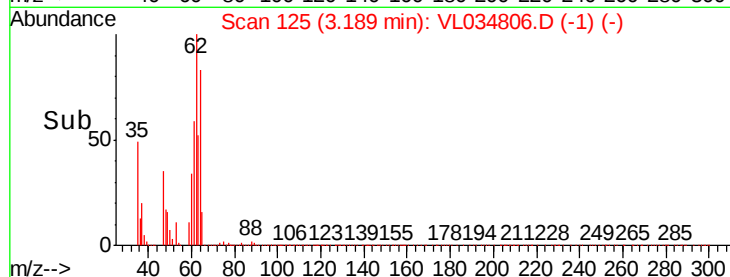
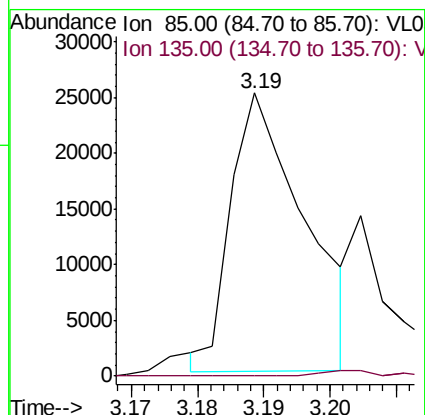
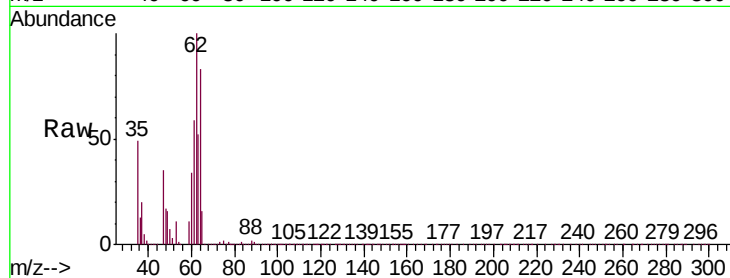
SS-3-4

Tgt Ion: 85 Resp: 19287

Ion Ratio Lower Upper

85 100

135 7.6 49.4 74.2#



#9

Propene

Concen: 27.931 ppbv

RT: 3.16 min Scan# 117

Delta R.T. 0.18 min

Lab File: VL034806.D

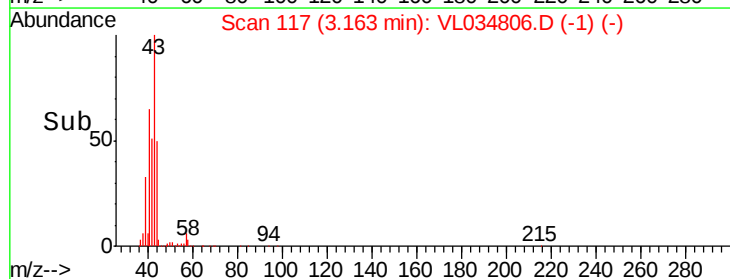
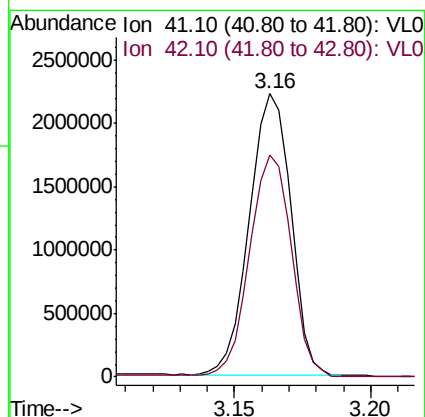
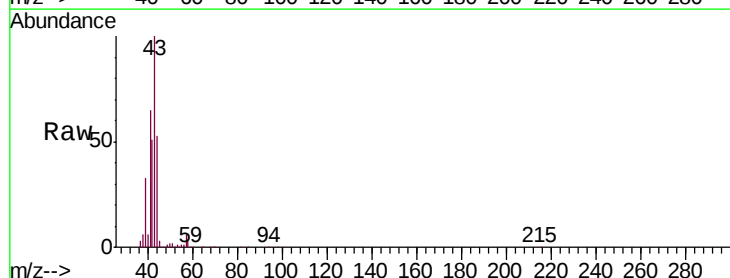
Acq: 5 Mar 2020 21:47

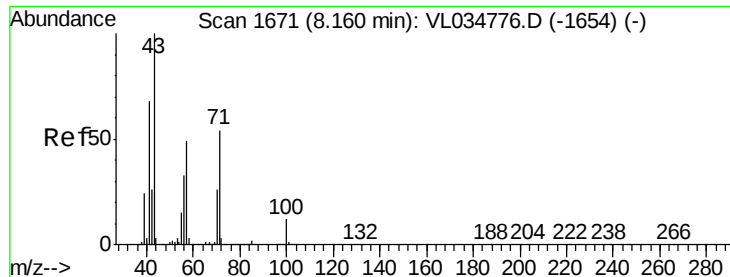
Tgt Ion: 41 Resp: 2347696

Ion Ratio Lower Upper

41 100

42 78.8 55.6 83.4





#10

Heptane

Concen: 0.239 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.05 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

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ClientSampled :

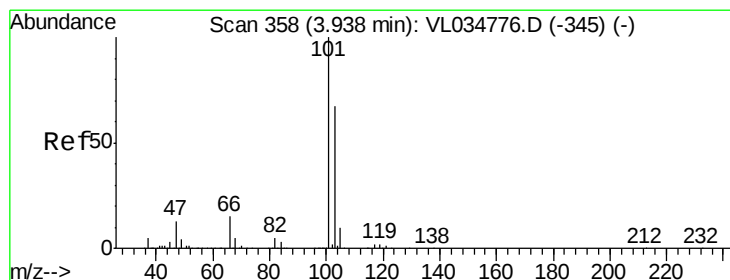
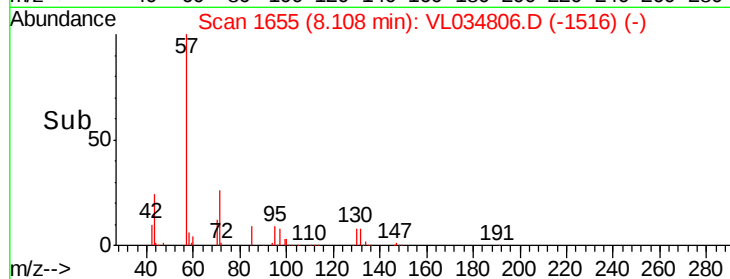
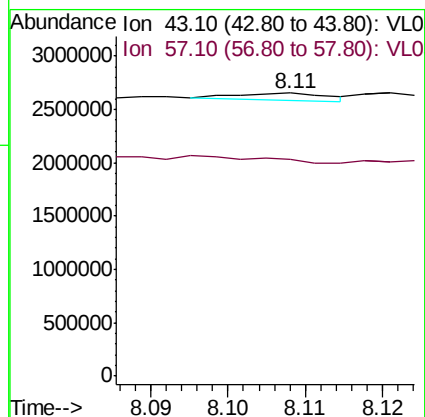
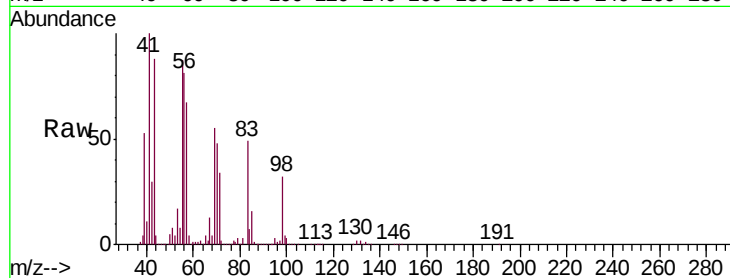
SS-3-4

Tgt Ion: 43 Resp: 51024

Ion Ratio Lower Upper

43 100

57 0.0 40.5 60.7#



#11

Trichlorofluoromethane

Concen: 2.844 ppbv

RT: 3.93 min Scan# 356

Delta R.T. -0.01 min

Lab File: VL034806.D

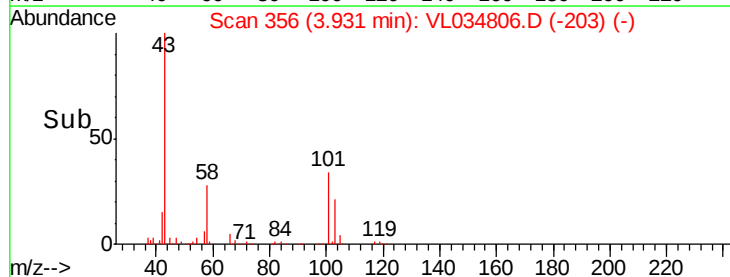
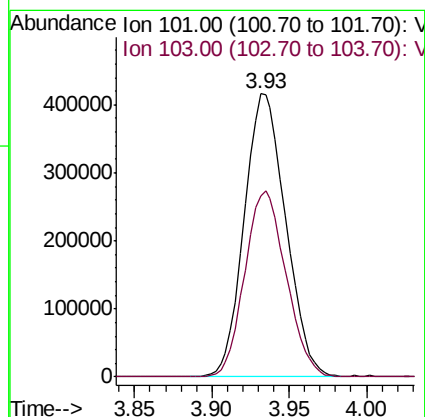
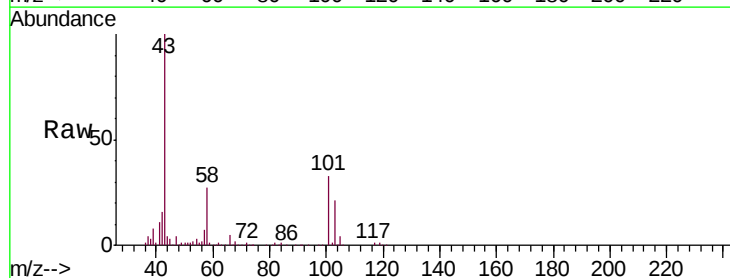
Acq: 5 Mar 2020 21:47

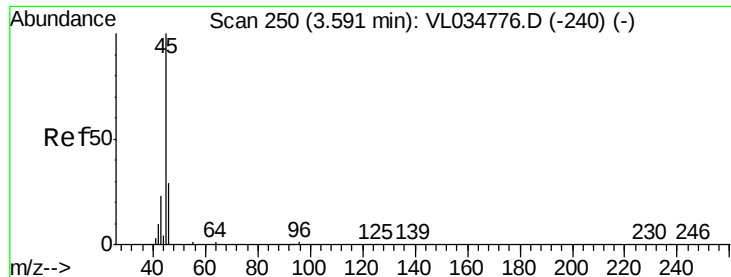
Tgt Ion: 101 Resp: 778322

Ion Ratio Lower Upper

101 100

103 63.7 53.6 80.4





#13

Ethanol

Concen: 25.530 ppbv

RT: 3.59 min Scan# 249

Delta R.T. -0.00 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

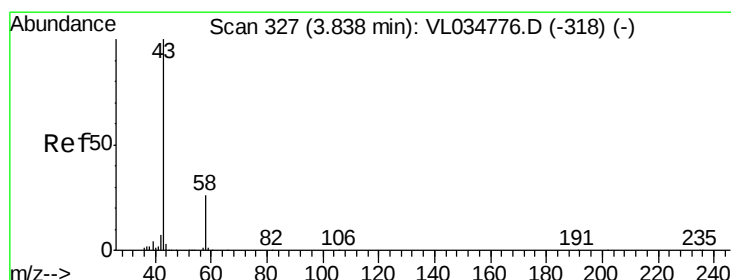
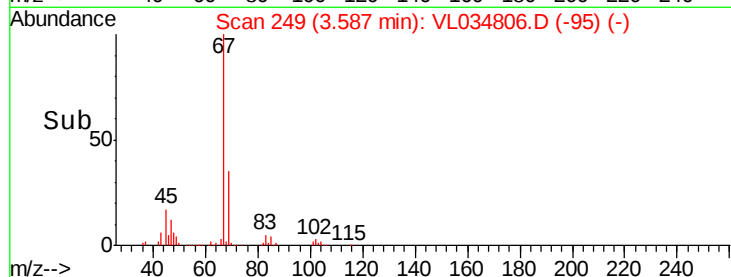
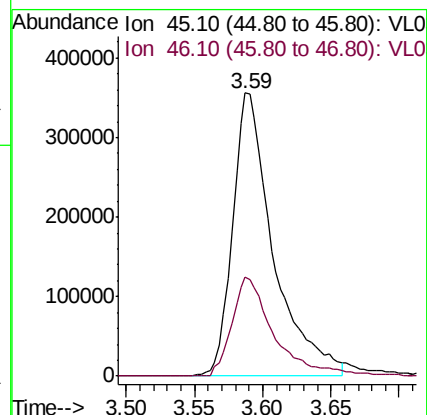
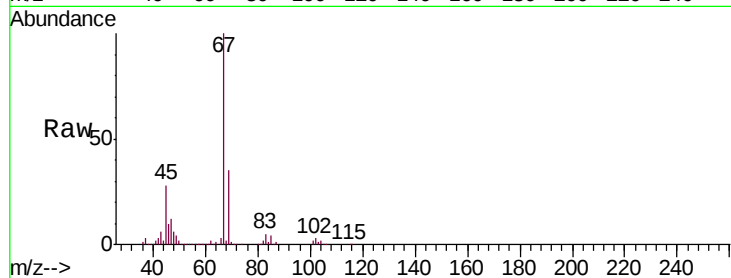
SS-3-4

Tgt Ion: 45 Resp: 735246

Ion Ratio Lower Upper

45 100

46 36.7 14.7 58.9



#15

Acetone

Concen: 35.499 ppbv

RT: 3.83 min Scan# 325

Delta R.T. -0.01 min

Lab File: VL034806.D

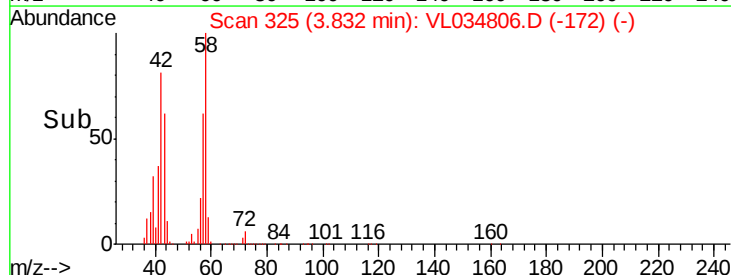
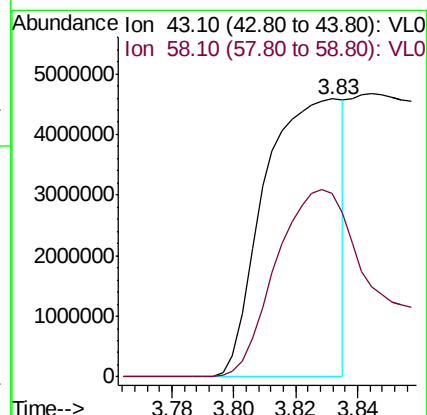
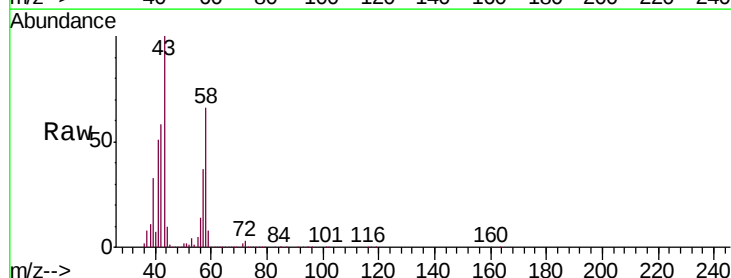
Acq: 5 Mar 2020 21:47

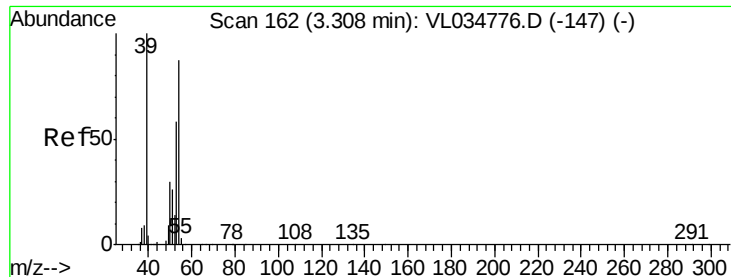
Tgt Ion: 43 Resp: 7967858

Ion Ratio Lower Upper

43 100

58 99.6 21.0 31.6#

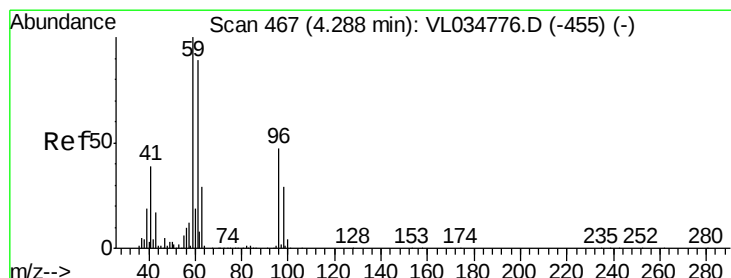
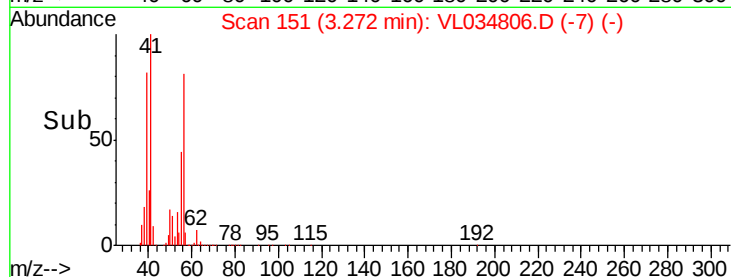
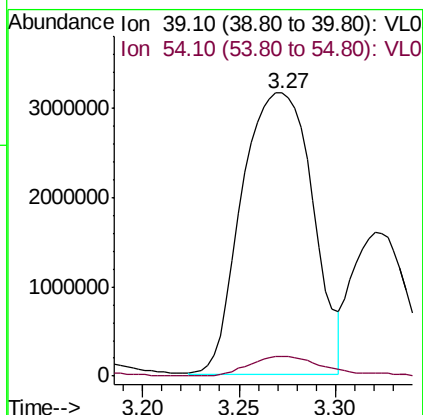
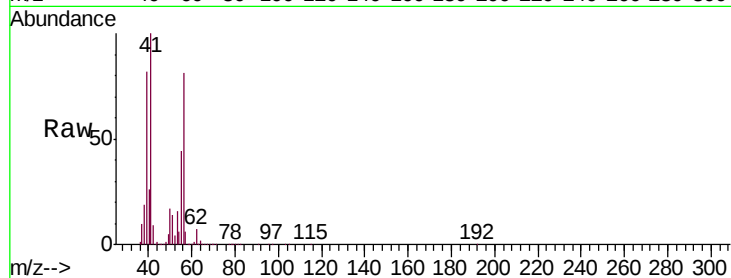




#16
 1,3-Butadiene
 Concen: 79.596 ppbv
 RT: 3.27 min Scan# 151
 Delta R.T. -0.04 min
 Lab File: VL034806.D
 Acq: 5 Mar 2020 21:47

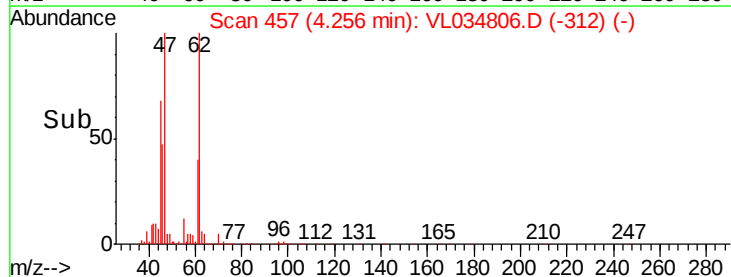
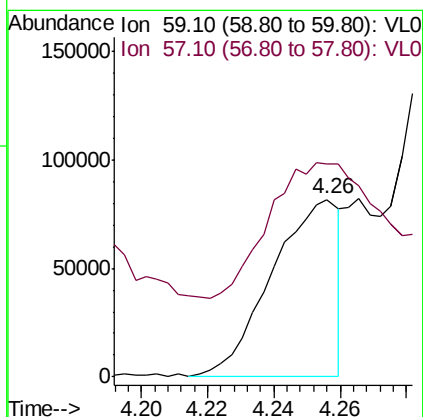
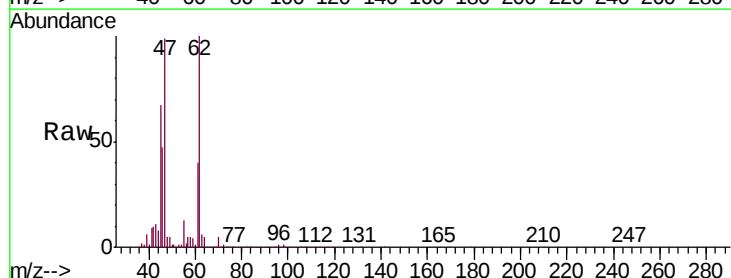
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-4

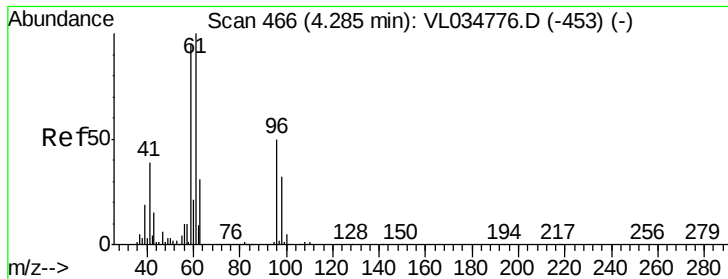
Tgt Ion: 39 Resp: 8083377
 Ion Ratio Lower Upper
 39 100
 54 7.6 64.2 96.2#



#17
 tert-Butyl alcohol
 Concen: 0.655 ppbv
 RT: 4.26 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: VL034806.D
 Acq: 5 Mar 2020 21:47

Tgt Ion: 59 Resp: 115868
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 13.0#

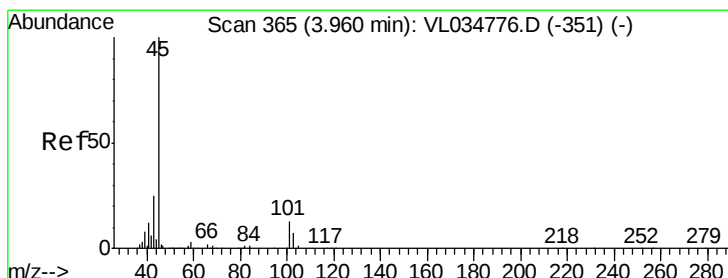
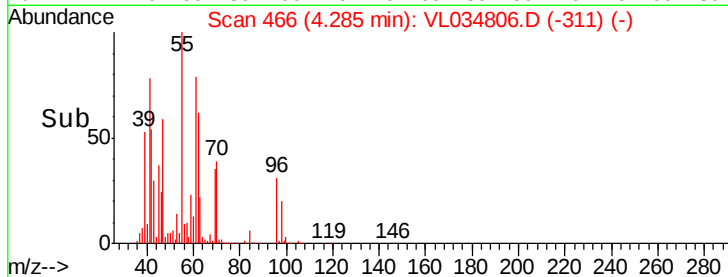
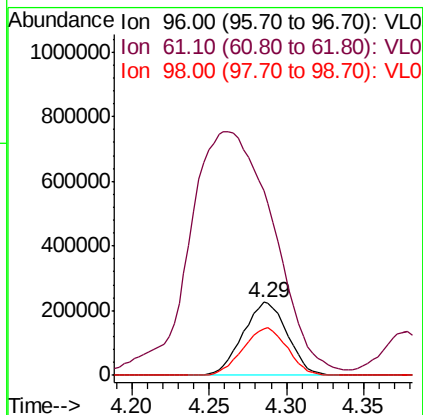
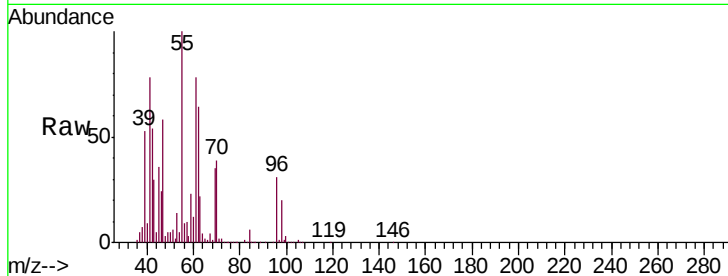




#18
 1,1-Dichloroethene
 Concen: 5.432 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VL034806.D
 Acq: 5 Mar 2020 21:47

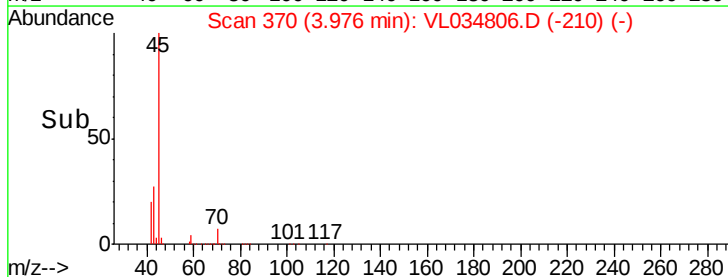
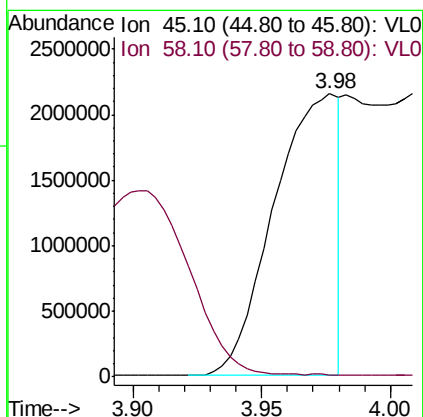
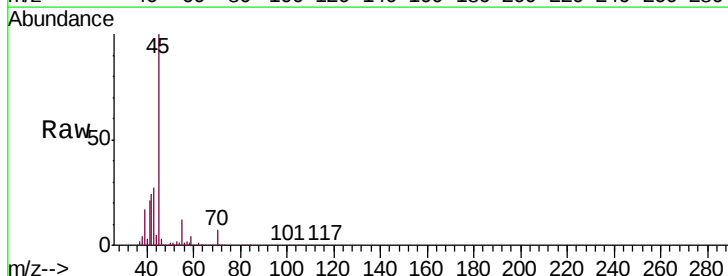
Instrument :
 MSVOA_L
 ClientSampleID :
 SS-3-4

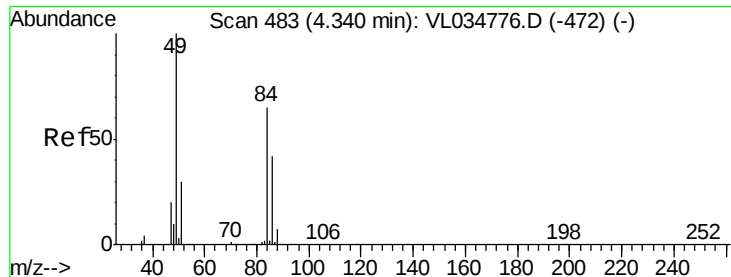
Tgt Ion: 96 Resp: 452410
 Ion Ratio Lower Upper
 96 100
 61 245.4 159.5 239.3#
 98 64.6 51.1 76.7



#19
 Isopropyl Alcohol
 Concen: 27.884 ppbv
 RT: 3.98 min Scan# 370
 Delta R.T. 0.02 min
 Lab File: VL034806.D
 Acq: 5 Mar 2020 21:47

Tgt Ion: 45 Resp: 3749991
 Ion Ratio Lower Upper
 45 100
 58 101.1 1.8 2.8#

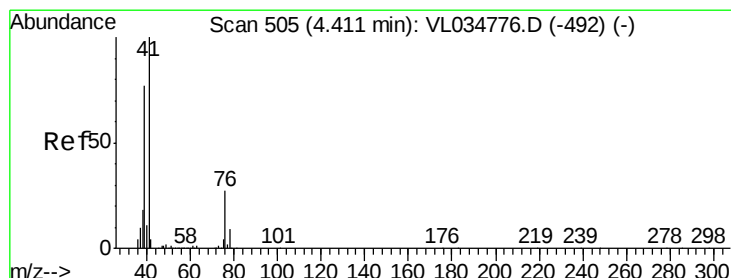
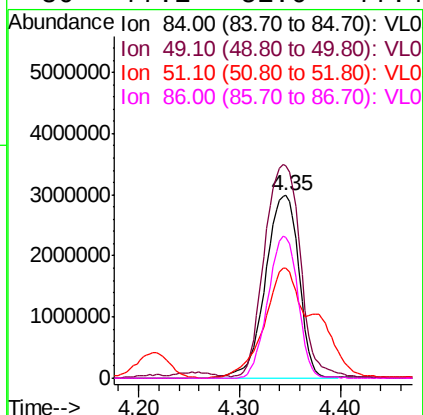
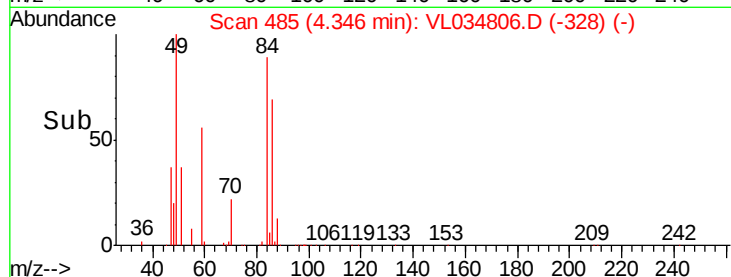
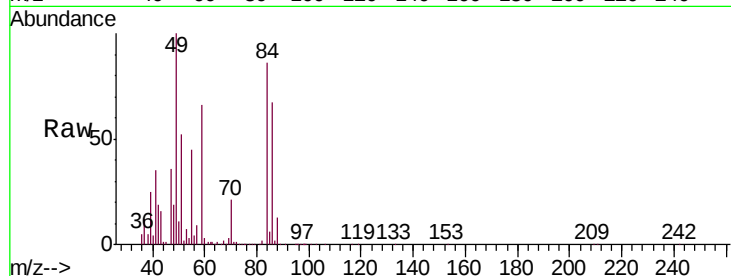




#20
Methylene Chloride
Concen: 86.537 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL034806.D
Acq: 5 Mar 2020 21:47

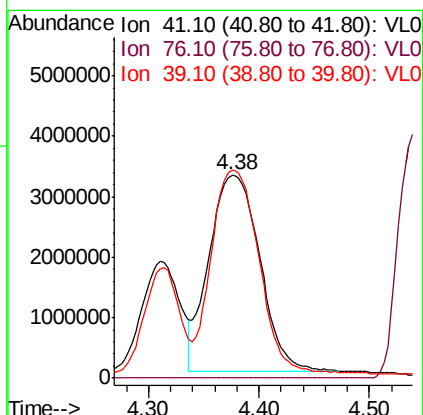
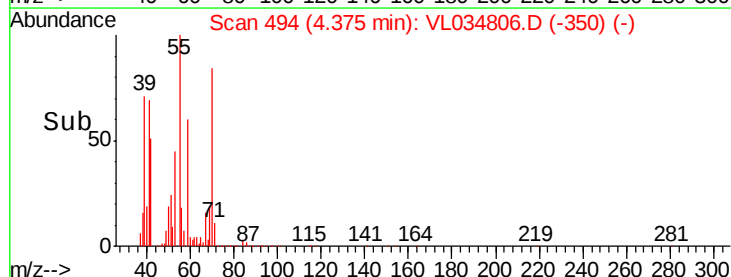
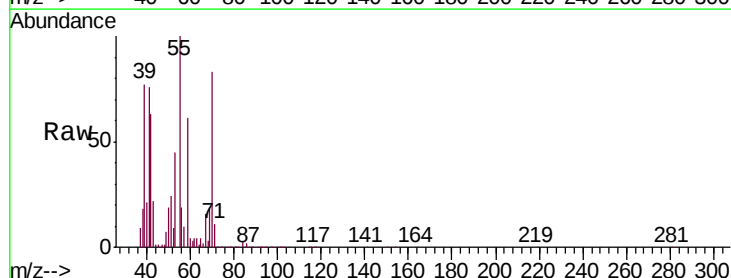
Instrument :
MSVOA_L
ClientSampled :
SS-3-4

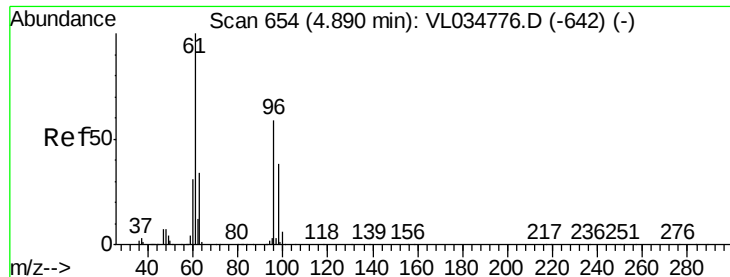
Tgt Ion: 84 Resp: 6932430
Ion Ratio Lower Upper
84 100
49 113.0 123.2 184.8#
51 59.6 37.4 56.2#
86 77.1 51.6 77.4



#21
Allyl Chloride
Concen: 72.375 ppbv
RT: 4.38 min Scan# 494
Delta R.T. -0.04 min
Lab File: VL034806.D
Acq: 5 Mar 2020 21:47

Tgt Ion: 41 Resp: 10287529
Ion Ratio Lower Upper
41 100
76 0.0 22.5 33.7#
39 97.7 65.0 97.6#





#22

trans-1,2-Dichloroethene

Concen: 112.511 ppbv

RT: 4.91 min Scan# 659

Delta R.T. 0.02 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4

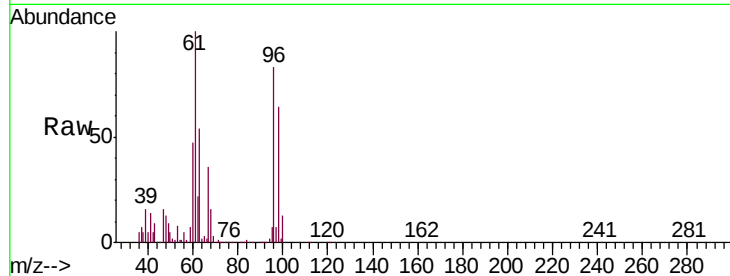
Tgt Ion: 96 Resp: 9148035

Ion Ratio Lower Upper

96 100

61 120.2 135.2 202.8#

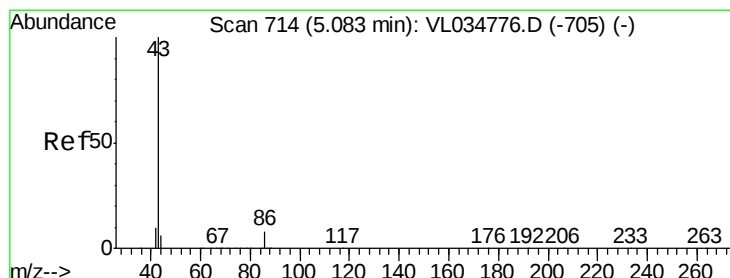
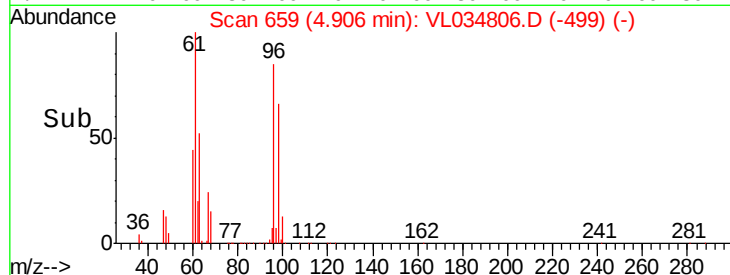
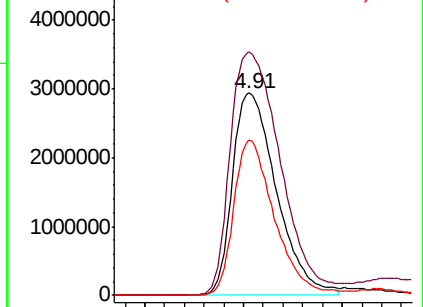
98 77.0 50.8 76.2#



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: 11.777 ppbv

RT: 4.94 min Scan# 669

Delta R.T. -0.14 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Tgt Ion: 43 Resp: 3544665

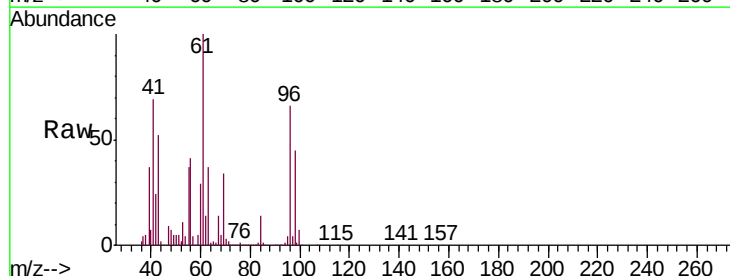
Ion Ratio Lower Upper

43 100

86 0.1 5.9 8.9#

42 38.4 8.2 12.2#

44 3.1 4.5 6.7#

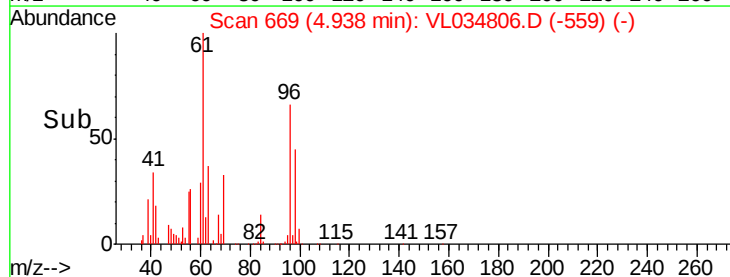
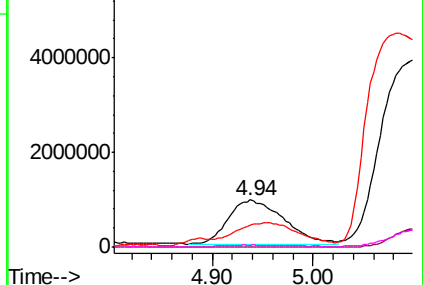


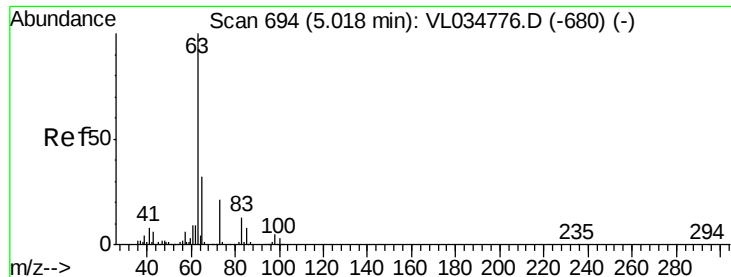
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 14.169 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.02 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4

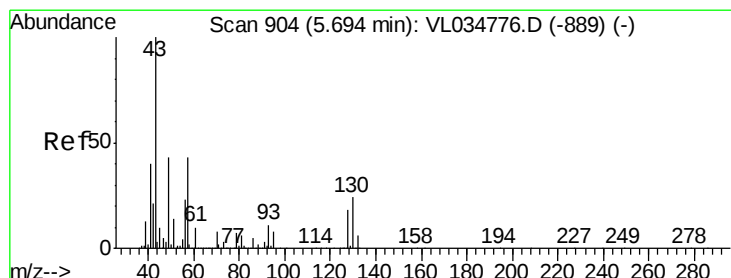
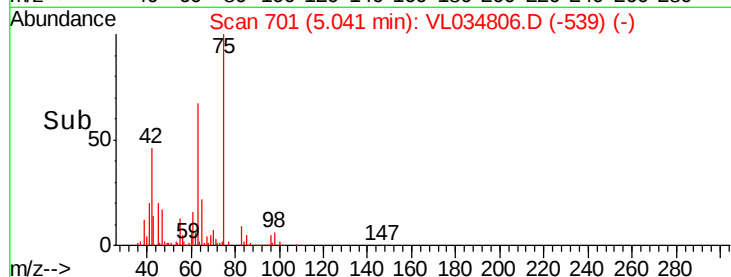
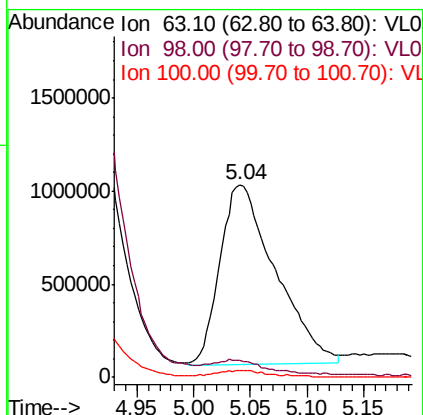
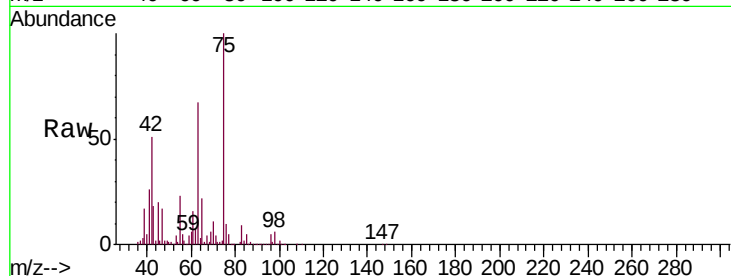
Tgt Ion: 63 Resp: 3310129

Ion Ratio Lower Upper

63 100

98 7.5 2.3 6.8#

100 3.7 1.5 4.4



#25

Ethyl Acetate

Concen: 4.149 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.02 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Tgt Ion: 43 Resp: 1609306

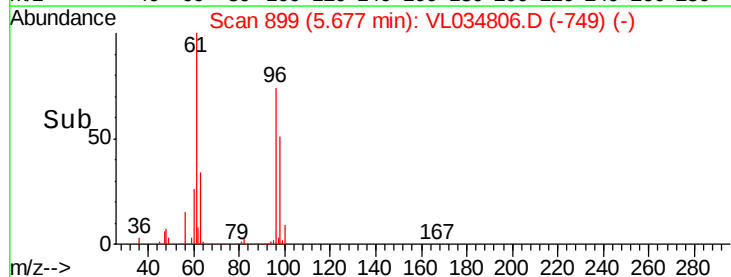
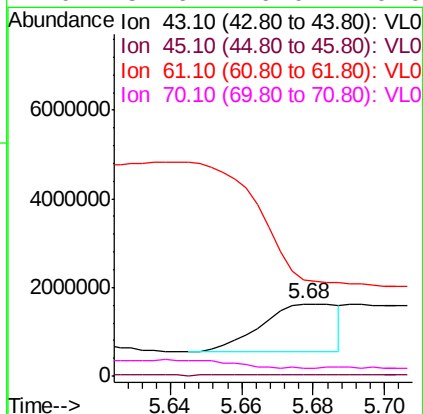
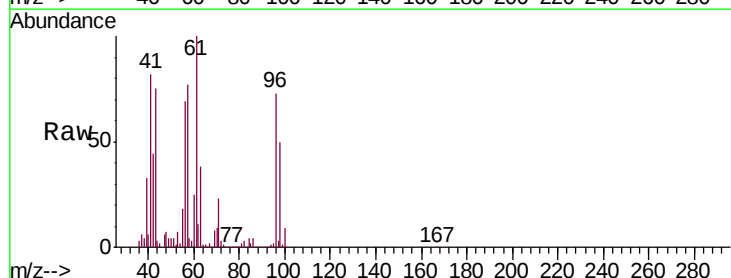
Ion Ratio Lower Upper

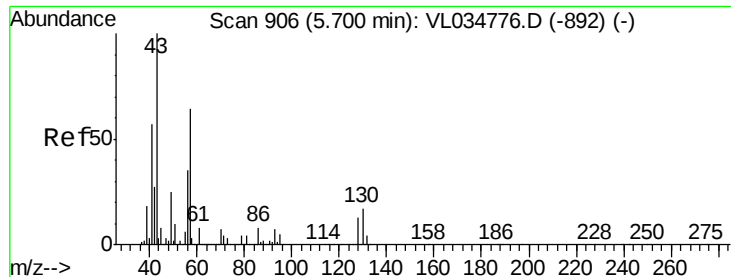
43 100

45 13.6 8.2 12.4#

61 2614.8 7.5 11.3#

70 54.6 6.0 9.0#





#26

Hexane

Concen: 10.844 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.02 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampled :

SS-3-4

Tgt Ion: 57 Resp: 1837543

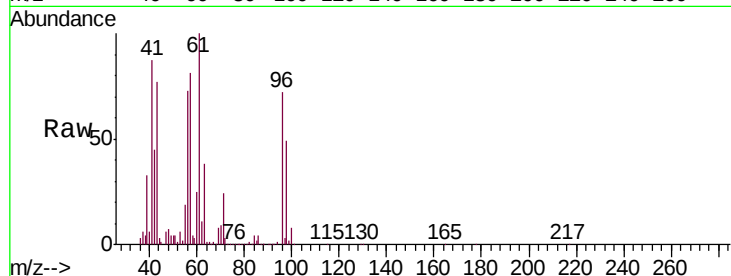
Ion Ratio Lower Upper

57 100

41 0.0 72.0 108.0#

43 0.0 179.1 268.7#

56 0.0 42.6 63.8#



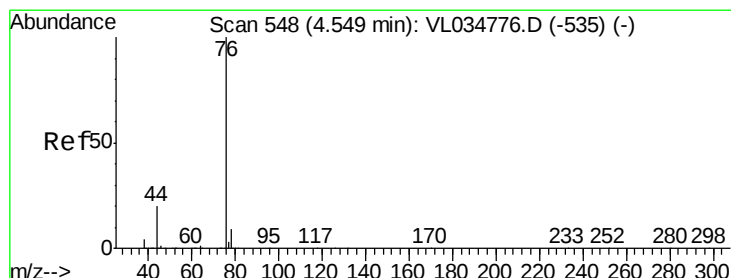
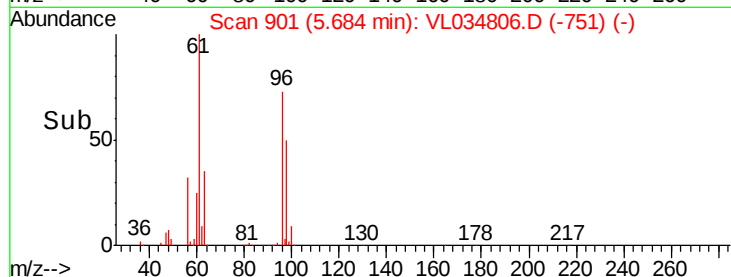
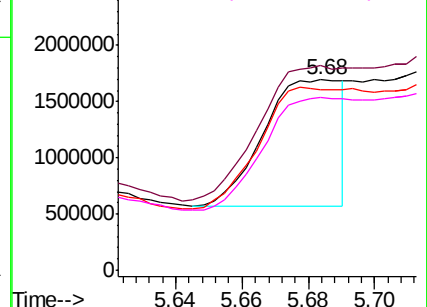
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 74.691 ppbv

RT: 4.56 min Scan# 550

Delta R.T. 0.01 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

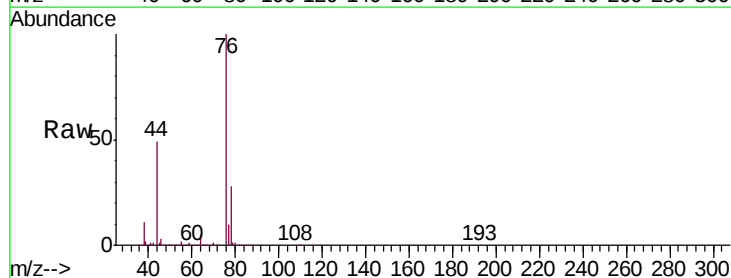
Tgt Ion: 76 Resp: 14785231

Ion Ratio Lower Upper

76 100

44 40.0 16.1 24.1#

78 20.3 7.5 11.3#

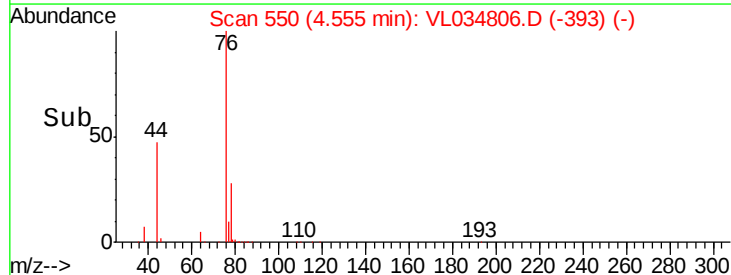
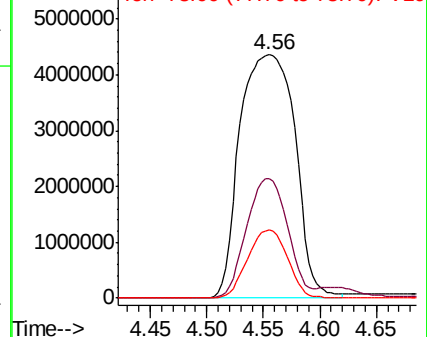


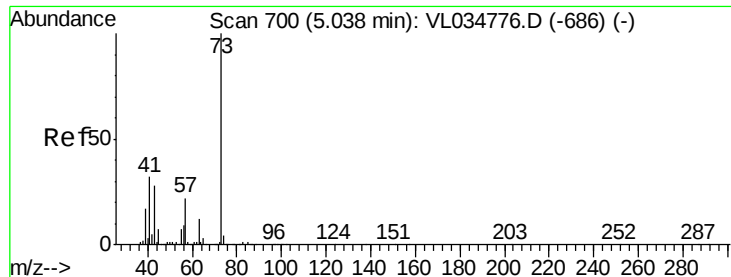
Abundance

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

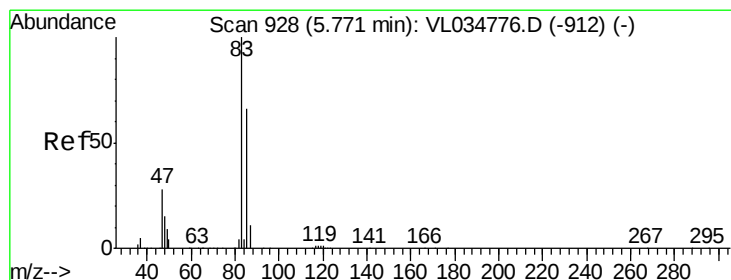
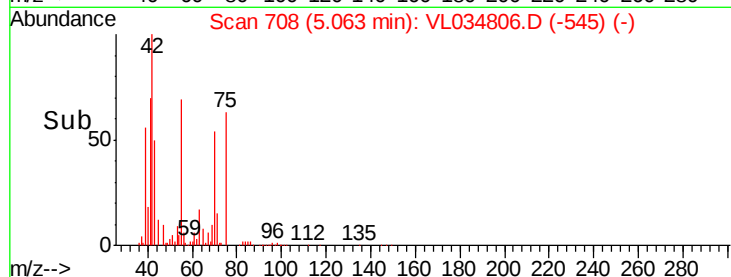
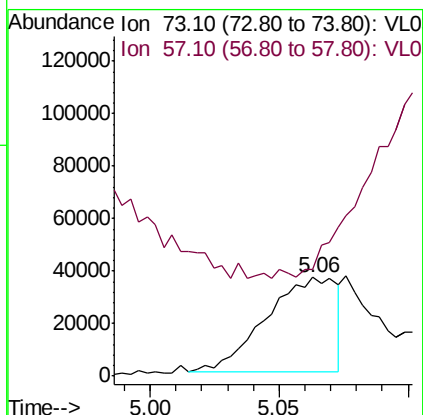
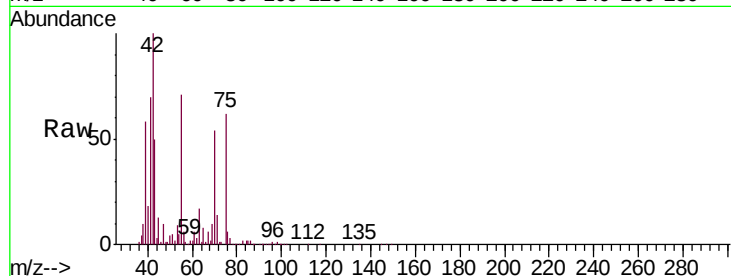




#28
Methyl tert-Butyl Ether
Concen: 0.272 ppbv
RT: 5.06 min Scan# 708
Delta R.T. 0.03 min
Lab File: VL034806.D
Acq: 5 Mar 2020 21:47

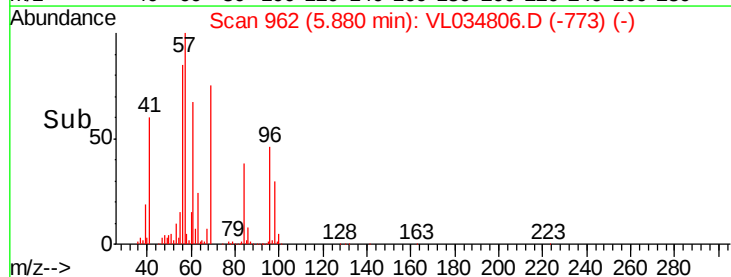
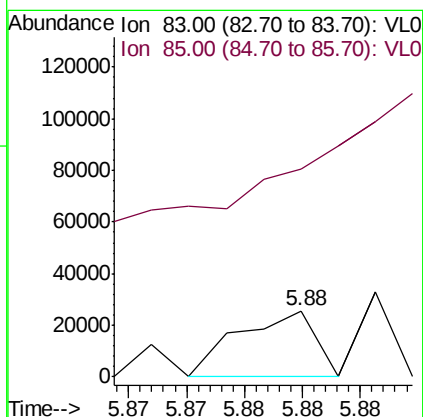
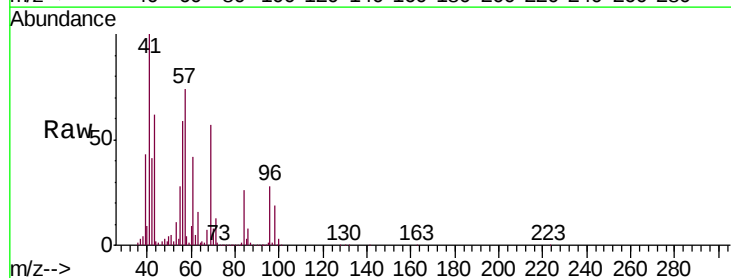
Instrument :
MSVOA_L
ClientSampleId :
SS-3-4

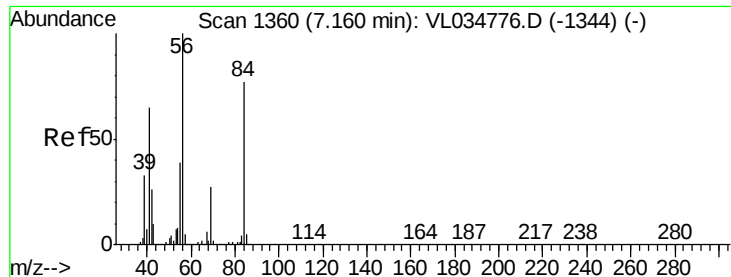
Tgt Ion: 73 Resp: 68499
Ion Ratio Lower Upper
73 100
57 0.0 18.5 27.7#



#29
Chloroform
Concen: 0.041 ppbv
RT: 5.88 min Scan# 962
Delta R.T. 0.11 min
Lab File: VL034806.D
Acq: 5 Mar 2020 21:47

Tgt Ion: 83 Resp: 11830
Ion Ratio Lower Upper
83 100
85 56.1 53.0 79.4

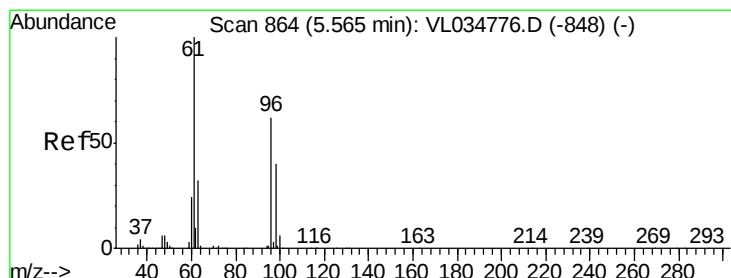
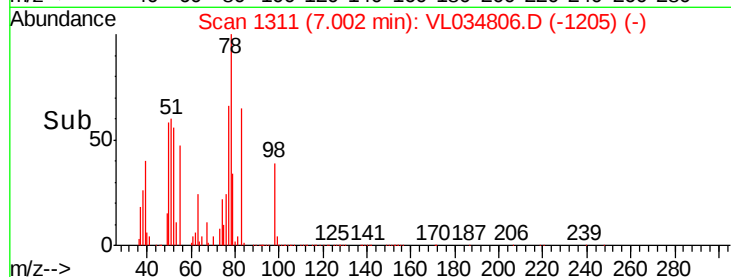
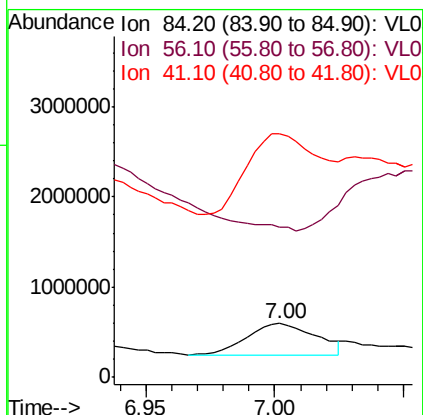
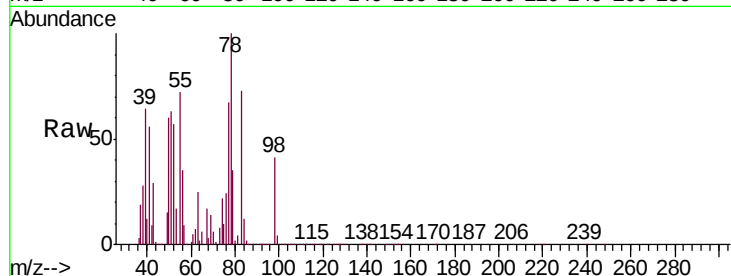




#30
Cyclohexane
Concen: 4.981 ppbv
RT: 7.00 min Scan# 1311
Delta R.T. -0.16 min
Lab File: VL034806.D
Acq: 5 Mar 2020 21:47

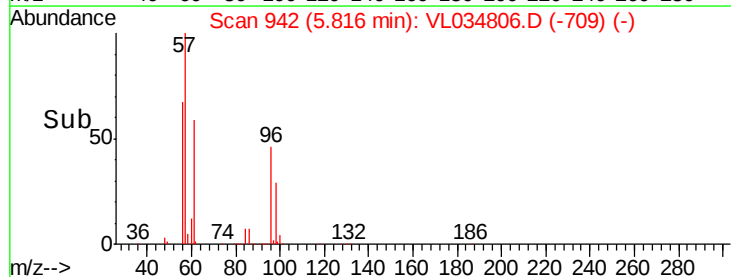
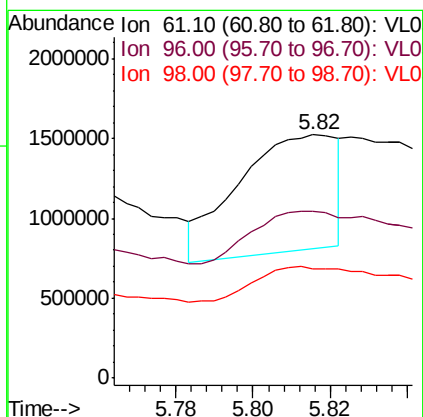
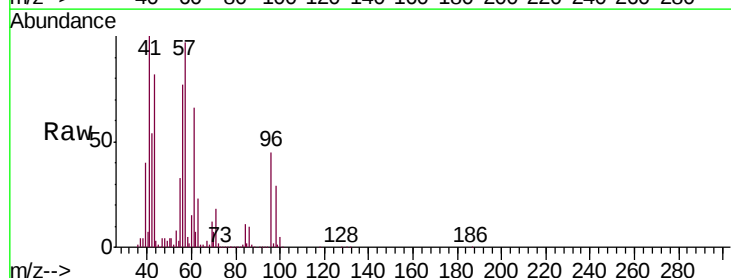
Instrument :
MSVOA_L
ClientSampleId :
SS-3-4

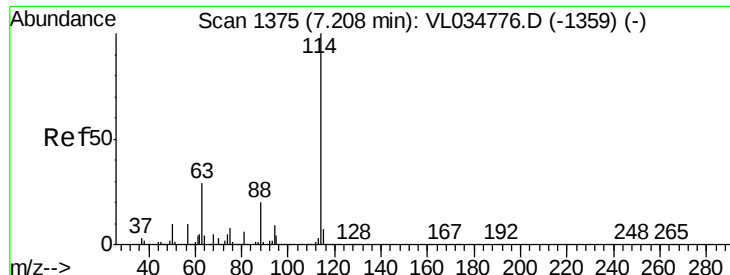
Tgt Ion: 84 Resp: 645688
Ion Ratio Lower Upper
84 100
56 510.6 113.2 169.8#
41 558.9 70.2 105.4#



#31
cis-1,2-Dichloroethene
Concen: 7.571 ppbv
RT: 5.82 min Scan# 942
Delta R.T. 0.25 min
Lab File: VL034806.D
Acq: 5 Mar 2020 21:47

Tgt Ion: 61 Resp: 1315868
Ion Ratio Lower Upper
61 100
96 61.2 49.7 74.5
98 38.9 31.9 47.9

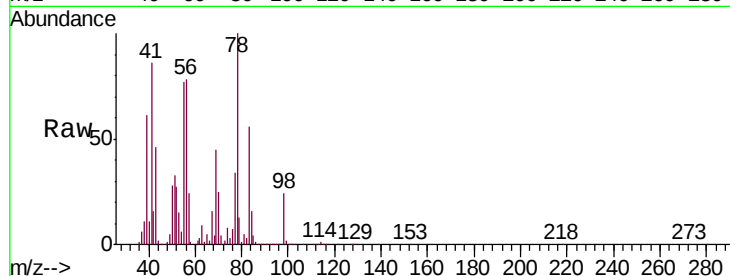




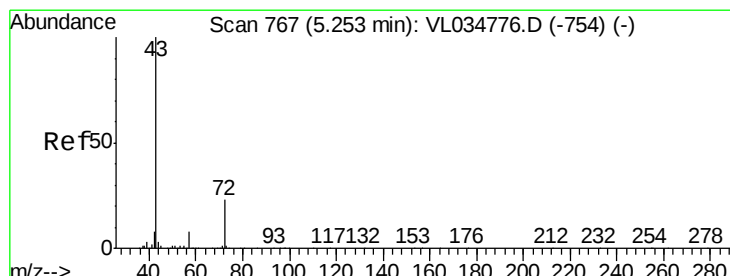
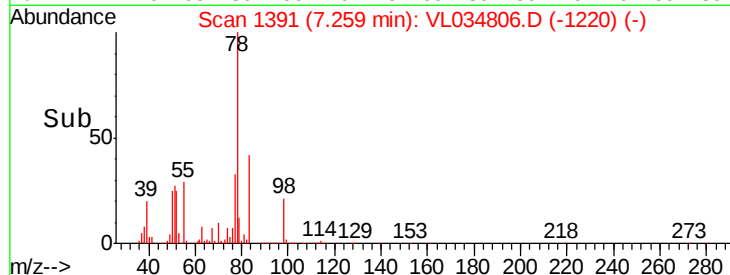
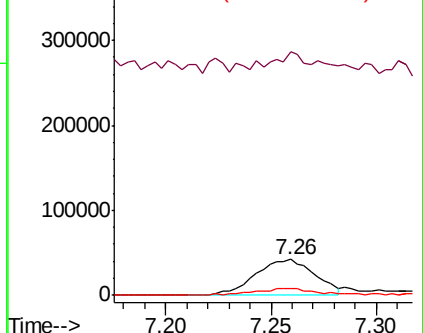
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.26 min Scan# 1391
 Delta R.T. 0.05 min
 Lab File: VL034806.D
 Acq: 5 Mar 2020 21:47

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-4

Tgt Ion: 114 Resp: 82968
 Ion Ratio Lower Upper
 114 100
 63 0.0 23.6 35.4#
 88 22.7 15.8 23.8

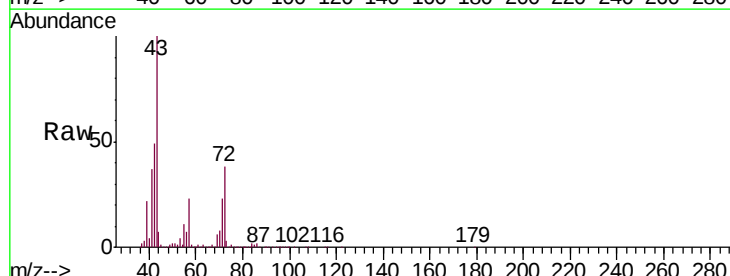


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

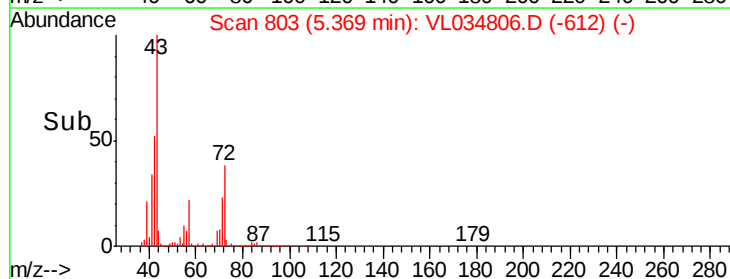
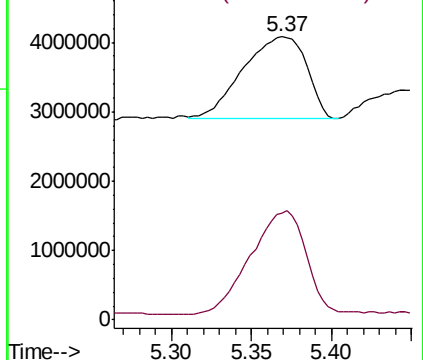


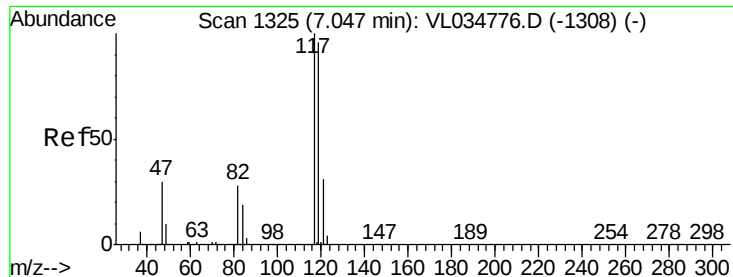
#34
 2-Butanone
 Concen: 607.212 ppbv
 RT: 5.37 min Scan# 803
 Delta R.T. 0.12 min
 Lab File: VL034806.D
 Acq: 5 Mar 2020 21:47

Tgt Ion: 43 Resp: 3277543
 Ion Ratio Lower Upper
 43 100
 72 135.4 17.5 26.3#



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





#35

Carbon Tetrachloride

Concen: 0.061 ppbv

RT: 7.10 min Scan# 1341

Delta R.T. 0.05 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4

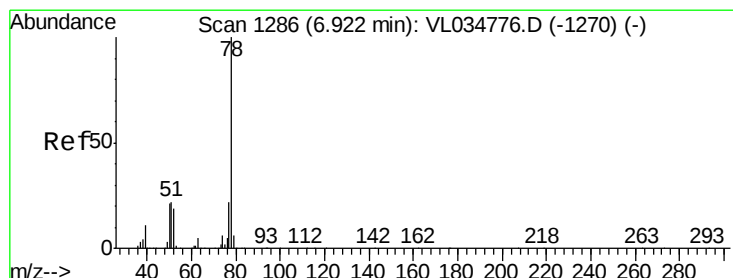
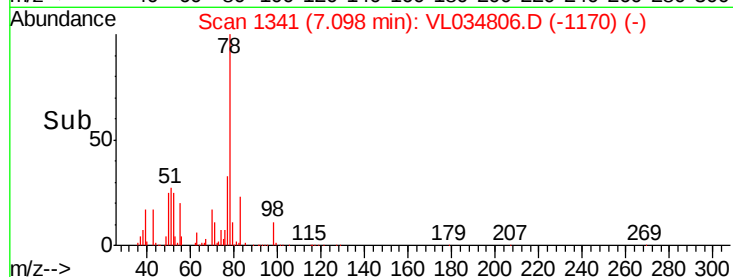
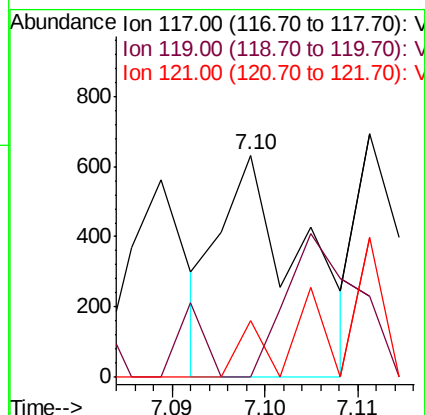
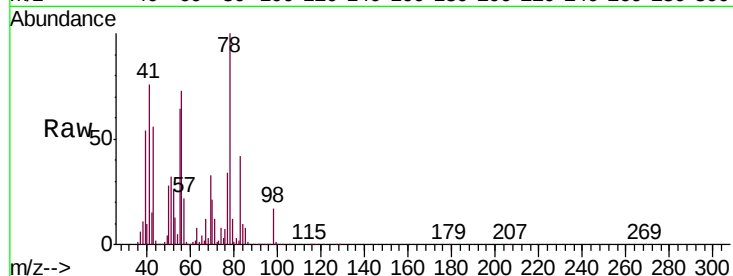
Tgt Ion:117 Resp: 381

Ion Ratio Lower Upper

117 100

119 0.0 76.8 115.2#

121 41.8 24.6 37.0#



#36

Benzene

Concen: 2472.182 ppbv

RT: 7.00 min Scan# 1309

Delta R.T. 0.07 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

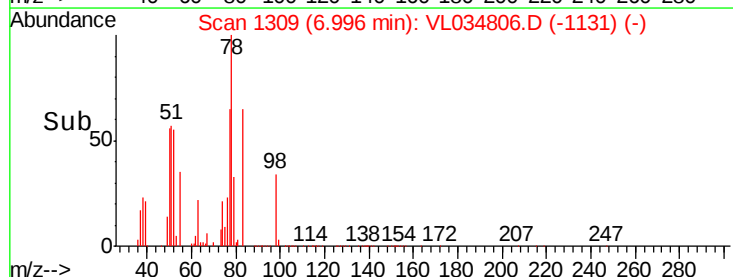
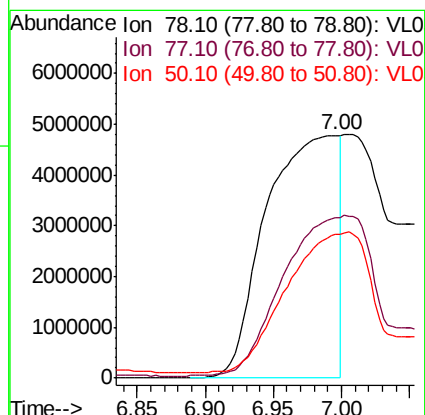
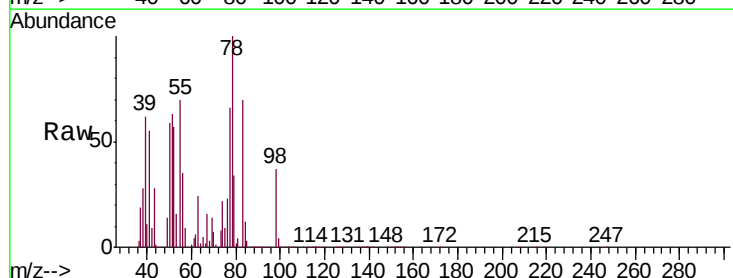
Tgt Ion: 78 Resp:17526976

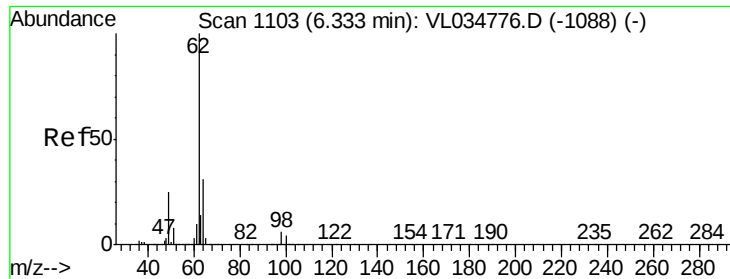
Ion Ratio Lower Upper

78 100

77 65.3 18.0 27.0#

50 57.1 16.9 25.3#





#37

1,2-Dichloroethane

Concen: 6.508 ppbv

RT: 6.38 min Scan# 1119

Delta R.T. 0.05 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

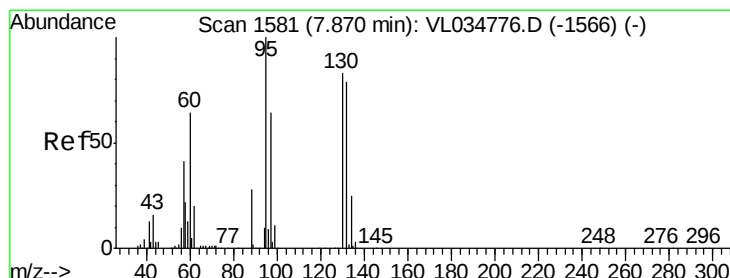
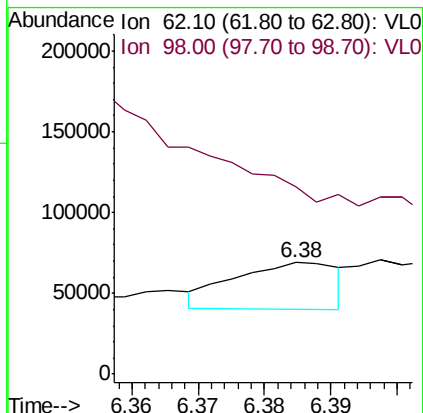
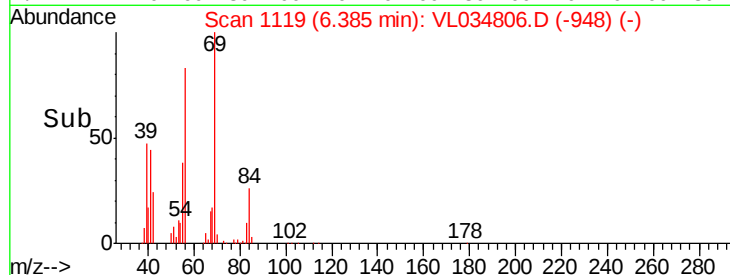
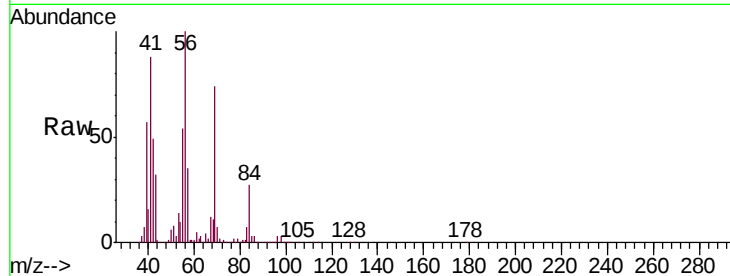
SS-3-4

Tgt Ion: 62 Resp: 31514

Ion Ratio Lower Upper

62 100

98 0.0 4.4 6.6#



#38

Trichloroethene

Concen: 409.956 ppbv

RT: 7.92 min Scan# 1597

Delta R.T. 0.05 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Tgt Ion: 130 Resp: 1132789

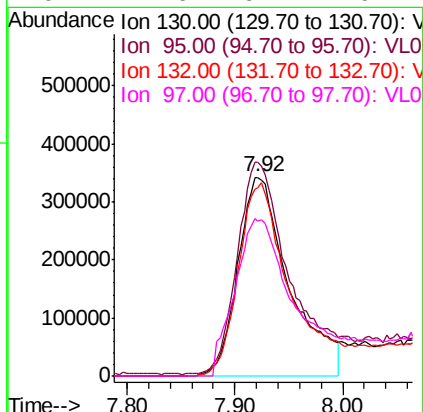
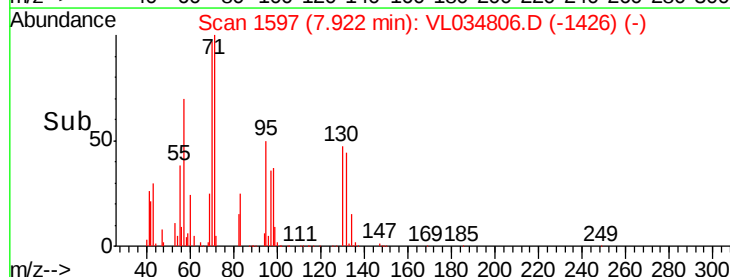
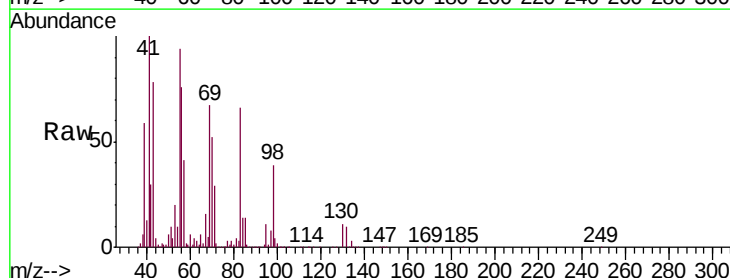
Ion Ratio Lower Upper

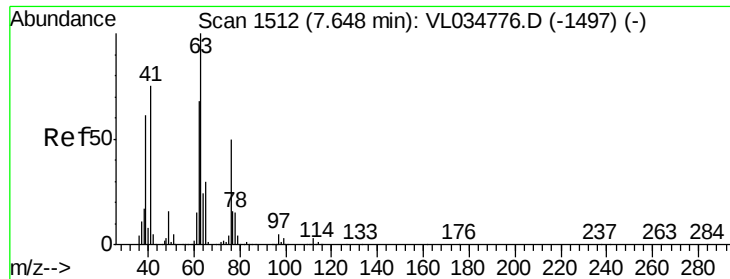
130 100

95 106.2 95.8 143.8

132 94.3 76.1 114.1

97 77.6 61.1 91.7





#39

1,2-Dichloropropane

Concen: 7.356 ppbv

RT: 7.71 min Scan# 1530

Delta R.T. 0.06 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4

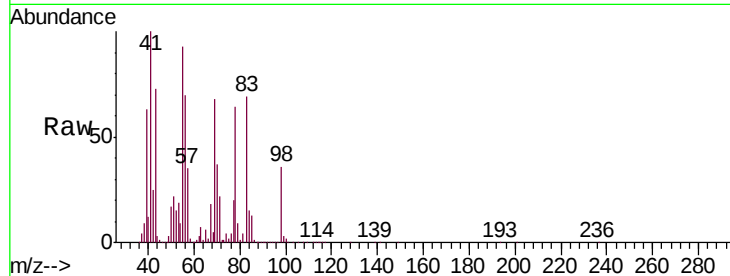
Tgt Ion: 63 Resp: 21047

Ion Ratio Lower Upper

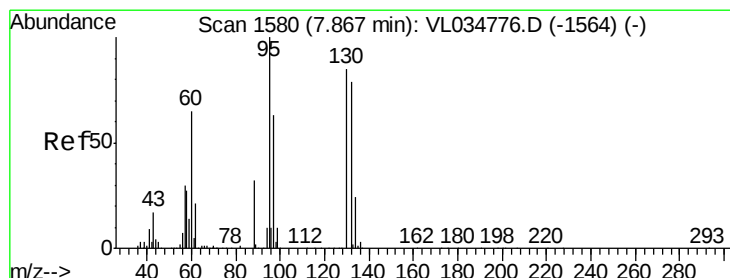
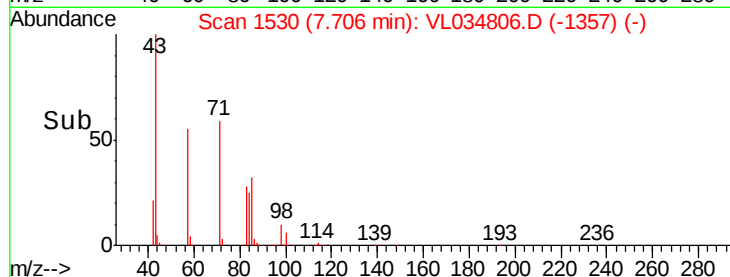
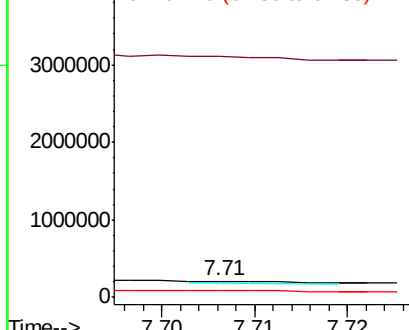
63 100

41 328.4 60.3 90.5#

62 60.3 54.5 81.7



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 0.580 ppbv

RT: 7.92 min Scan# 1596

Delta R.T. 0.05 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Tgt Ion: 88 Resp: 574

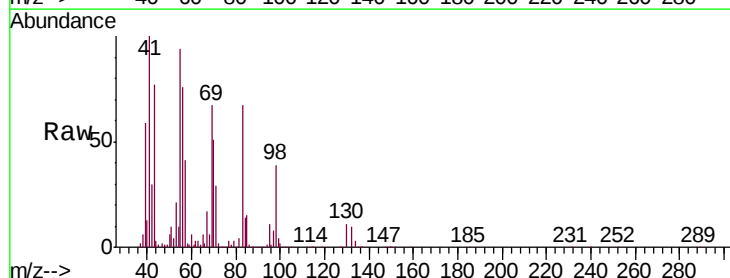
Ion Ratio Lower Upper

88 100

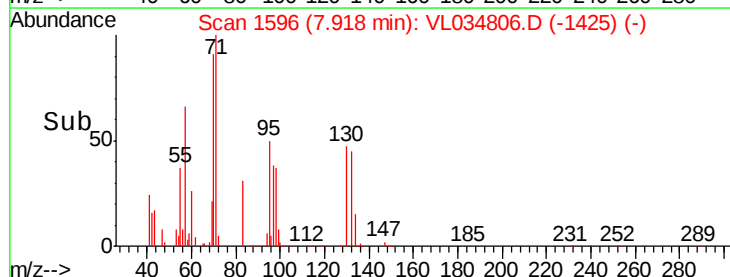
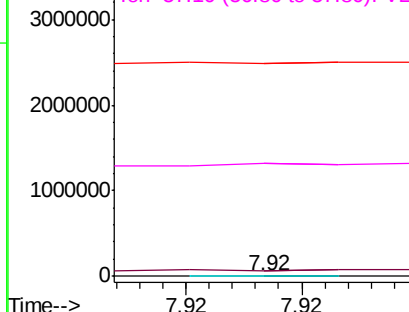
58 0.0 110.6 166.0#

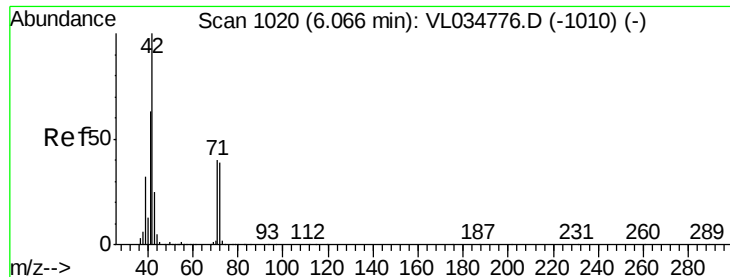
43 0.0 0.0 0.0

57 0.0 0.0 0.0



Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 109.206 ppbv

RT: 6.10 min Scan# 1032

Delta R.T. 0.04 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4

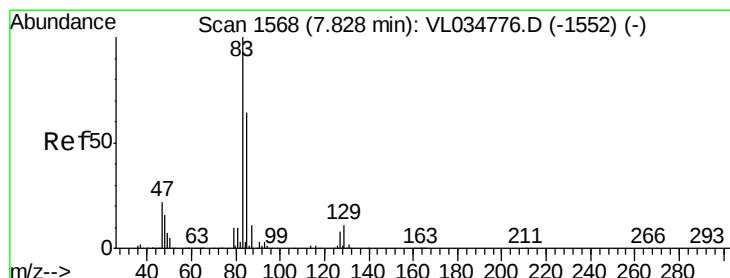
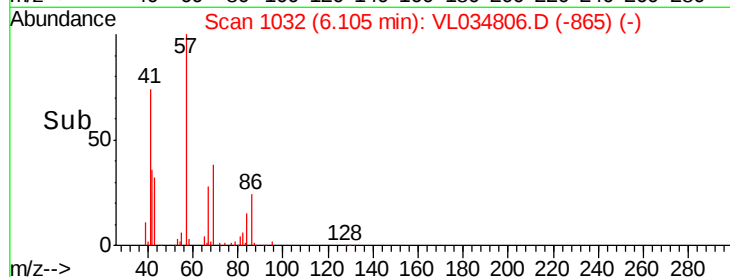
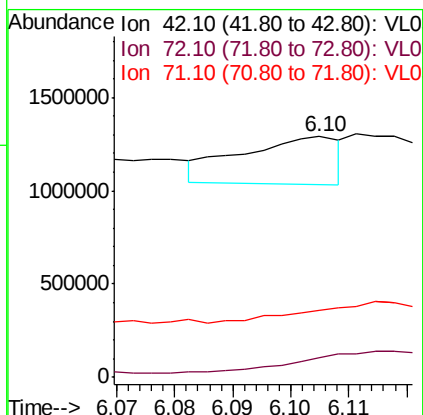
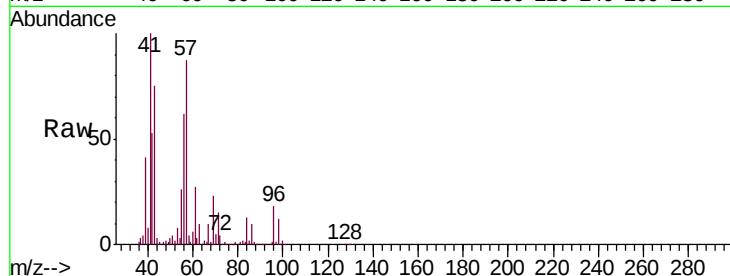
Tgt Ion: 42 Resp: 300762

Ion Ratio Lower Upper

42 100

72 0.0 32.0 48.0#

71 0.0 31.3 46.9#



#42

Bromodichloromethane

Concen: 627.160 ppbv

RT: 7.90 min Scan# 1590

Delta R.T. 0.07 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

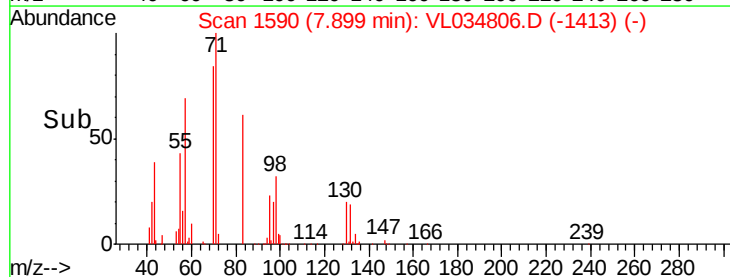
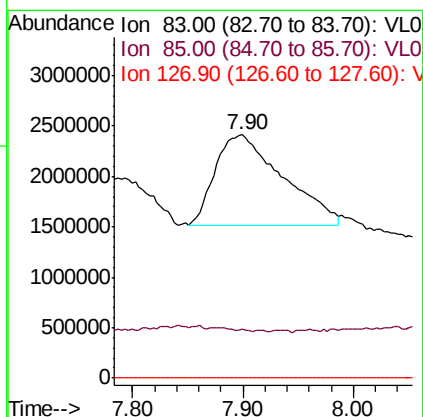
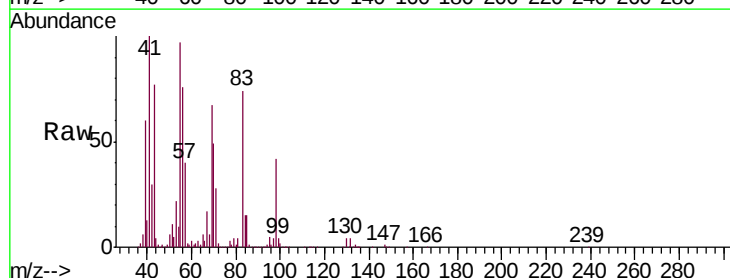
Tgt Ion: 83 Resp: 3842737

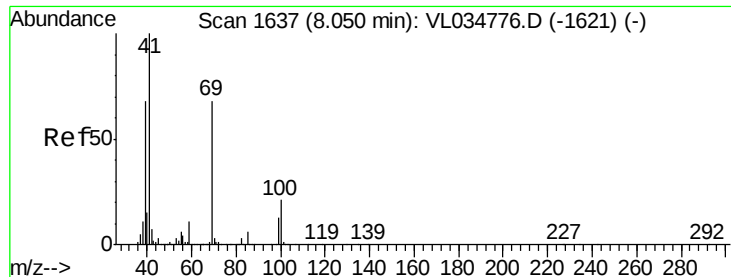
Ion Ratio Lower Upper

83 100

85 0.7 50.8 76.2#

127 0.0 6.5 9.7#





#43

Methyl Methacrylate

Concen: 967.443 ppbv

RT: 8.09 min Scan# 1649

Delta R.T. 0.04 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4

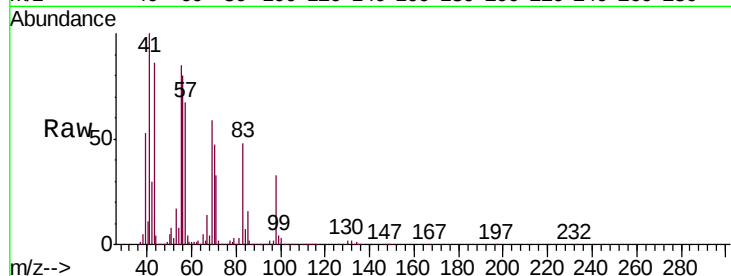
Tgt Ion: 69 Resp: 2906453

Ion Ratio Lower Upper

69 100

41 0.0 121.6 182.4#

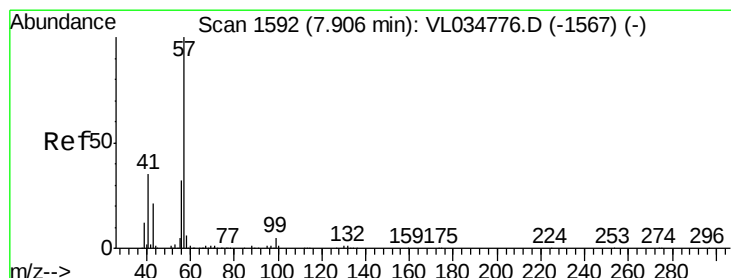
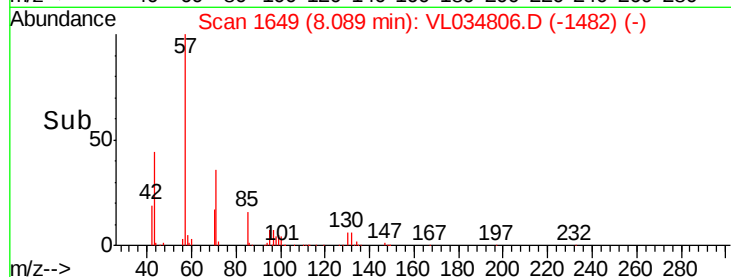
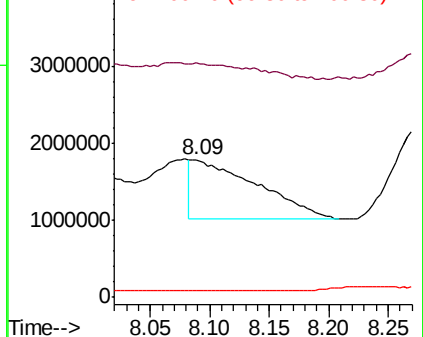
100 0.4 23.8 35.8#



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: 206.296 ppbv

RT: 7.98 min Scan# 1616

Delta R.T. 0.08 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

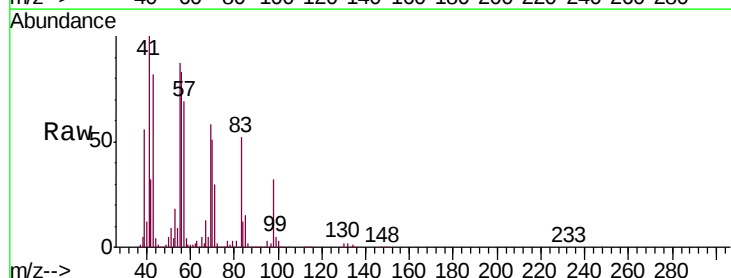
Tgt Ion: 57 Resp: 2555883

Ion Ratio Lower Upper

57 100

41 42.2 27.4 41.0#

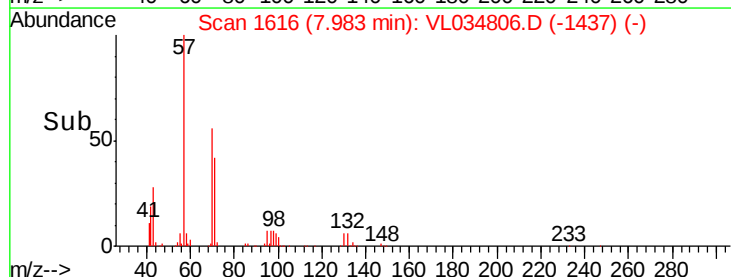
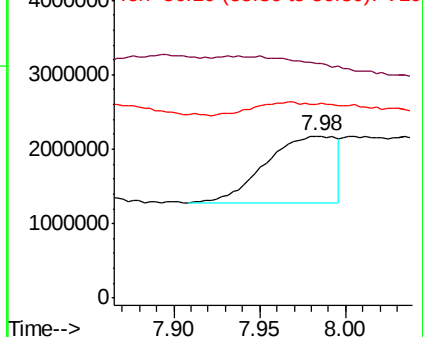
56 149.5 25.0 37.6#

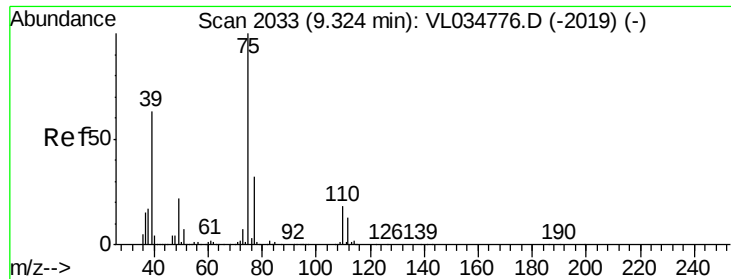


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 0.533 ppbv

RT: 9.39 min Scan# 2054

Delta R.T. 0.07 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

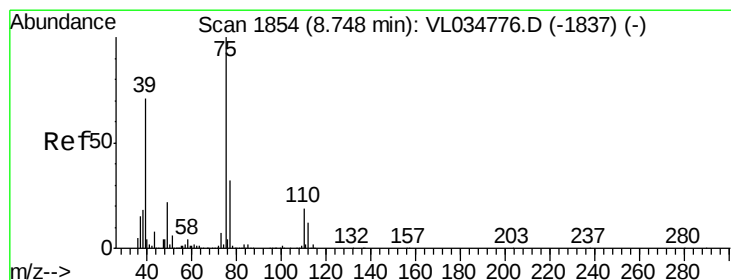
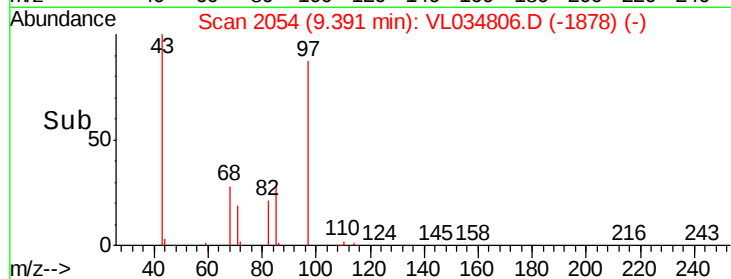
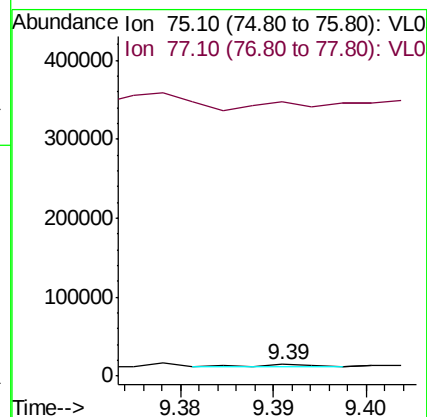
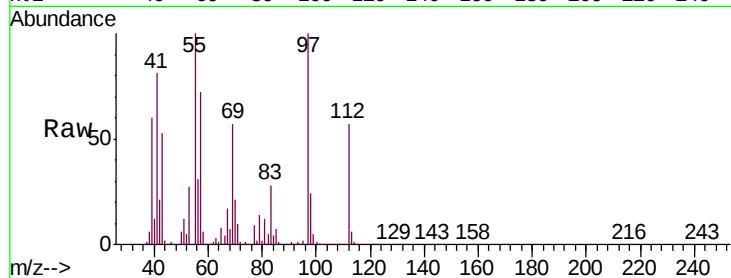
SS-3-4

Tgt Ion: 75 Resp: 1680

Ion Ratio Lower Upper

75 100

77 2383.8 25.6 38.4#



#46

cis-1,3-Dichloropropene

Concen: 0.614 ppbv

RT: 8.81 min Scan# 1872

Delta R.T. 0.06 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

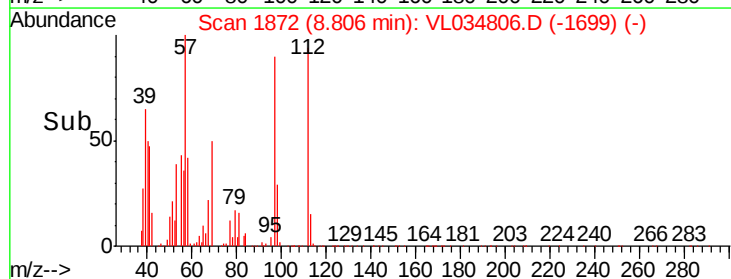
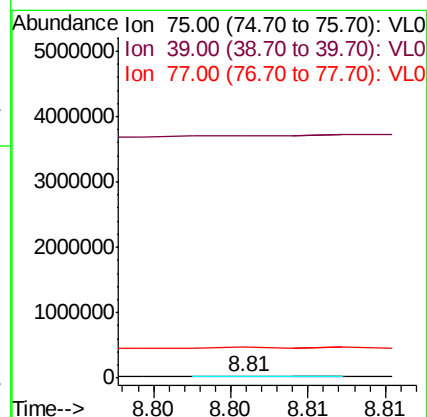
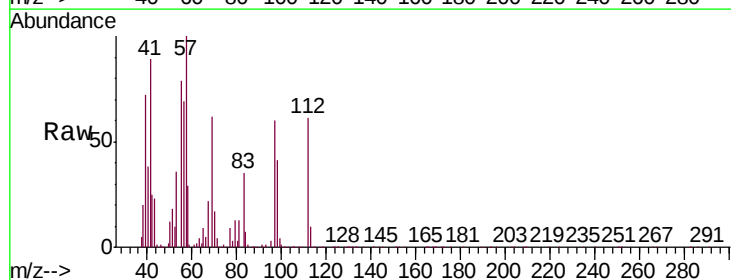
Tgt Ion: 75 Resp: 2365

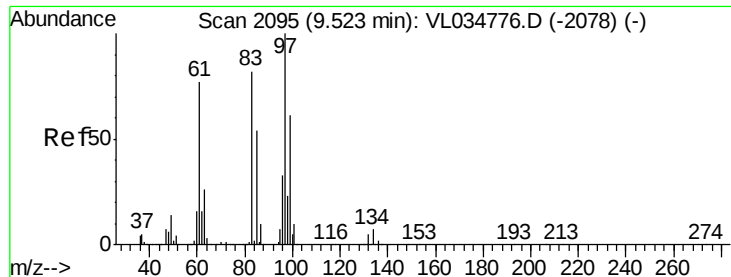
Ion Ratio Lower Upper

75 100

39 879.6 56.9 85.3#

77 163.0 25.7 38.5#





#47

1,1,2-Trichloroethane

Concen: 78.125 ppbv

RT: 9.57 min Scan# 2110

Delta R.T. 0.05 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4

Tgt Ion: 97 Resp: 235990

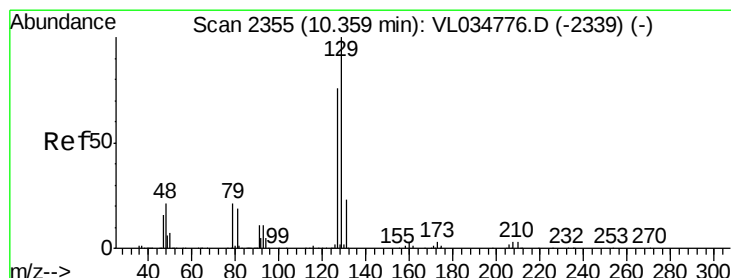
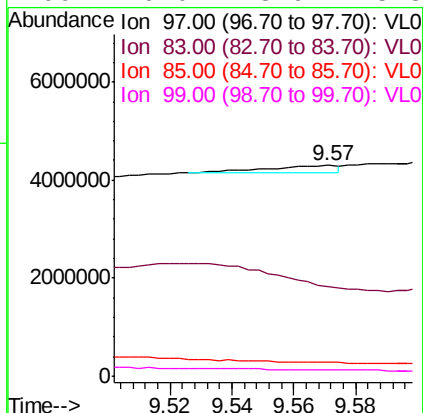
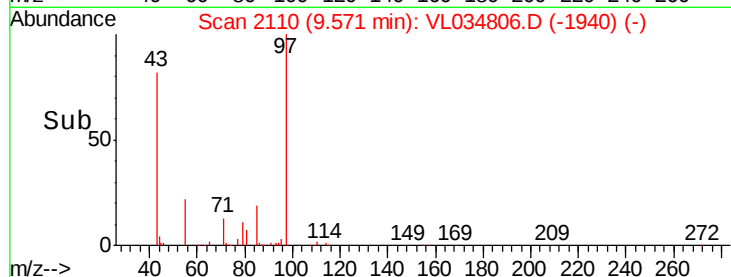
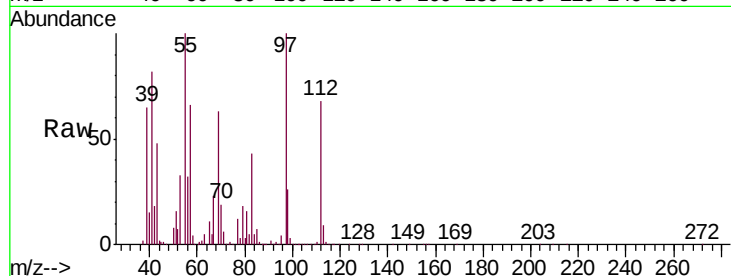
Ion Ratio Lower Upper

97 100

83 24.7 65.2 97.8#

85 5.7 43.6 65.4#

99 0.0 48.9 73.3#



#48

Dibromochloromethane

Concen: 0.071 ppbv

RT: 10.38 min Scan# 2362

Delta R.T. 0.02 min

Lab File: VL034806.D

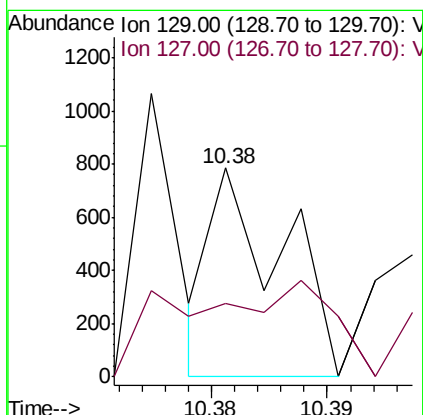
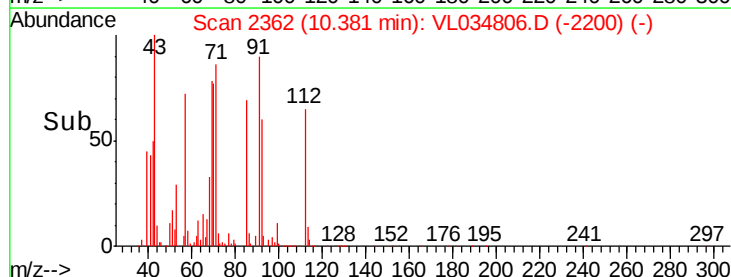
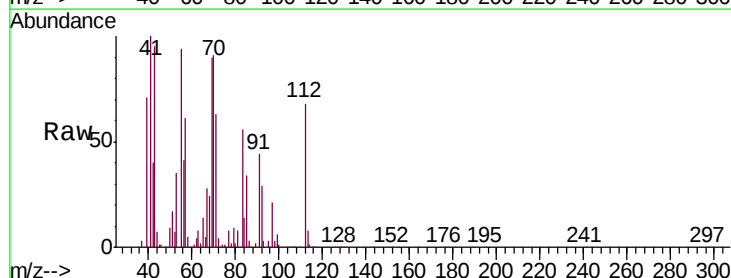
Acq: 5 Mar 2020 21:47

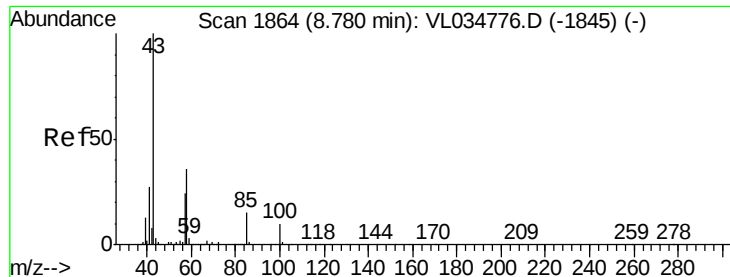
Tgt Ion: 129 Resp: 336

Ion Ratio Lower Upper

129 100

127 109.2 39.0 117.0





#50

4-Methyl-2-Pentanone

Concen: 3.369 ppbv

RT: 8.83 min Scan# 1881

Delta R.T. 0.05 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

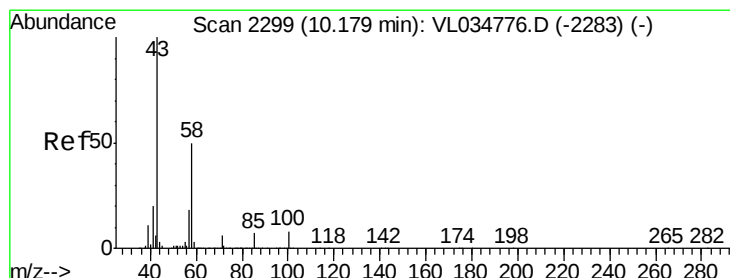
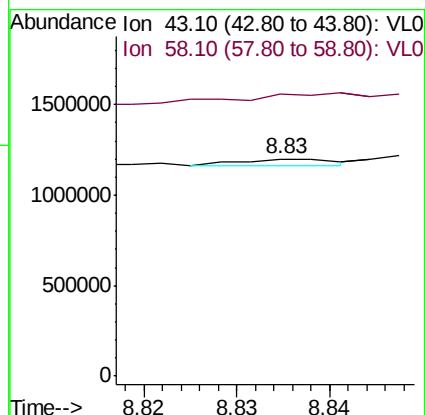
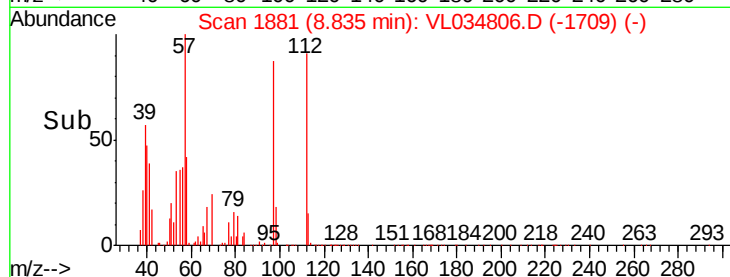
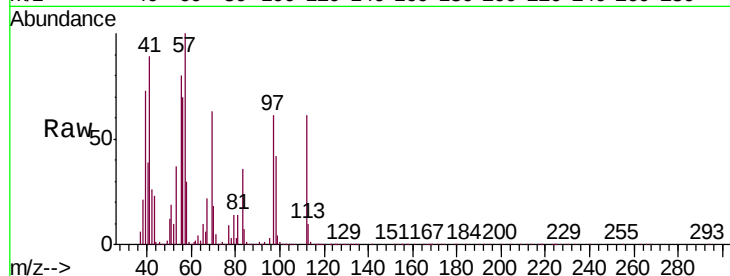
SS-3-4

Tgt Ion: 43 Resp: 26060

Ion Ratio Lower Upper

43 100

58 101032.6 28.7 43.1#



#51

2-Hexanone

Concen: 61.137 ppbv

RT: 10.27 min Scan# 2326

Delta R.T. 0.09 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

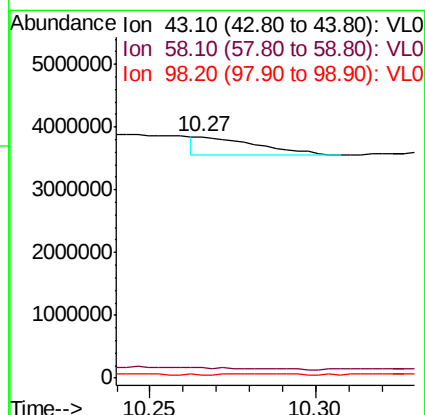
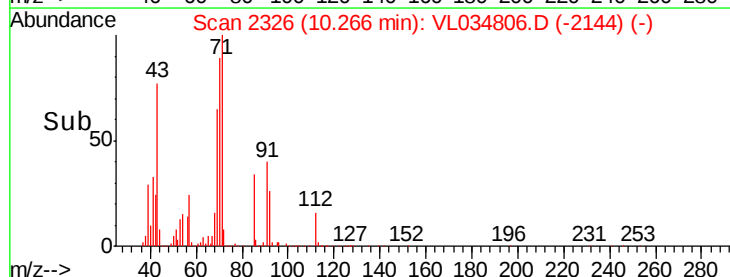
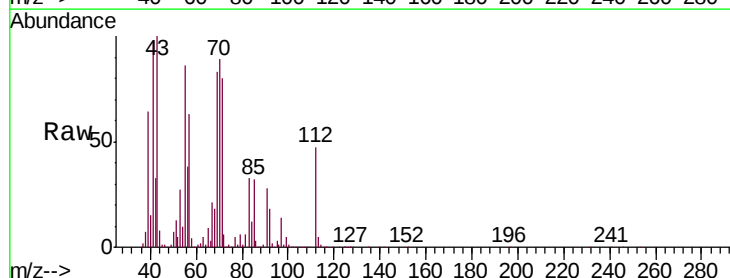
Tgt Ion: 43 Resp: 370917

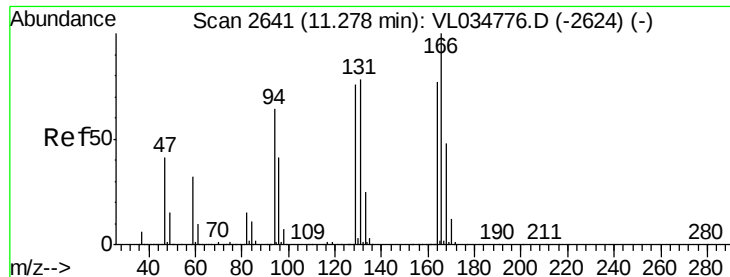
Ion Ratio Lower Upper

43 100

58 0.0 38.6 58.0#

98 11.2 0.2 0.4#





#52

Tetrachloroethene

Concen: 3.412 ppbv

RT: 11.41 min Scan# 2681

Delta R.T. 0.13 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4

Tgt Ion:164 Resp: 8936

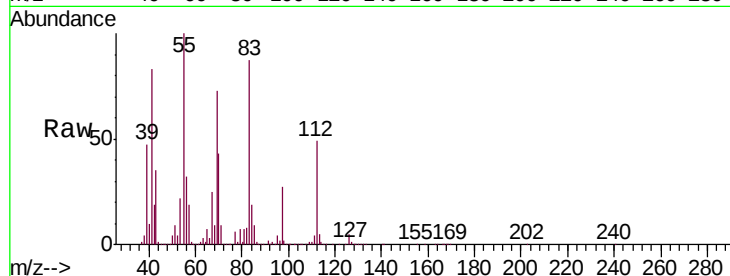
Ion Ratio Lower Upper

164 100

166 111.5 103.3 154.9

129 93.6 79.0 118.4

131 96.4 81.0 121.4

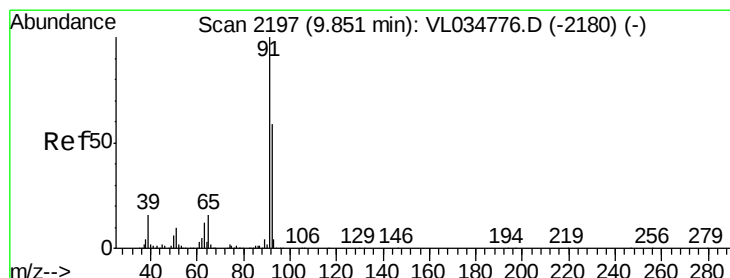
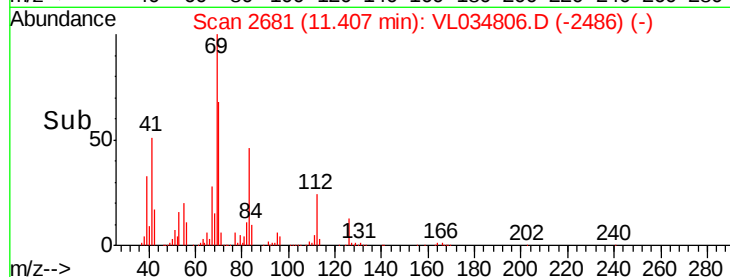
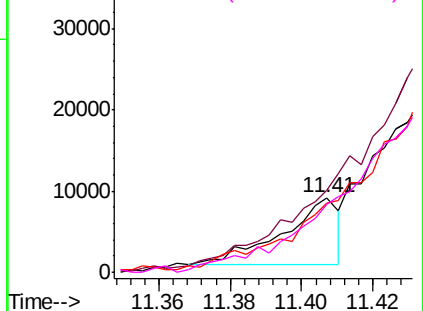


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 1036.062 ppbv

RT: 10.06 min Scan# 2261

Delta R.T. 0.21 min

Lab File: VL034806.D

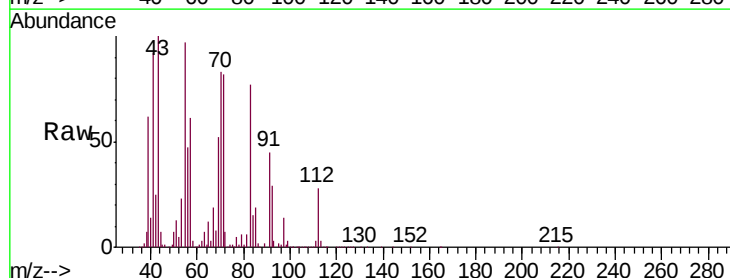
Acq: 5 Mar 2020 21:47

Tgt Ion: 91 Resp: 7774108

Ion Ratio Lower Upper

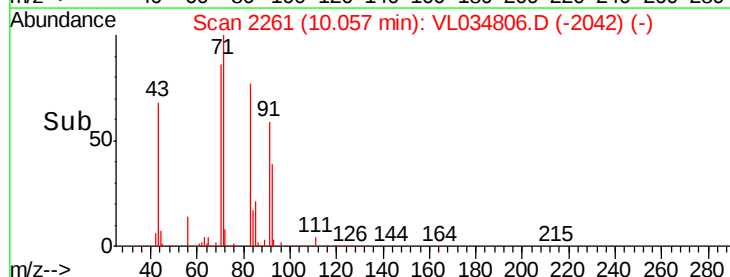
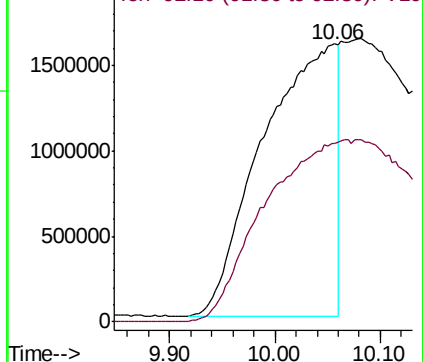
91 100

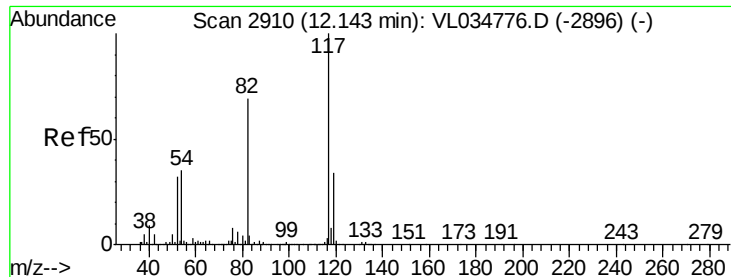
92 0.0 48.2 72.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2939

Delta R.T. 0.09 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4

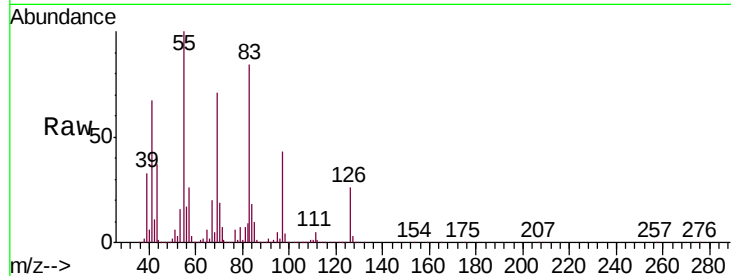
Tgt Ion:117 Resp: 260

Ion Ratio Lower Upper

117 100

82 0.0 53.9 80.9#

119 0.0 25.0 37.4#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

400000

300000

200000

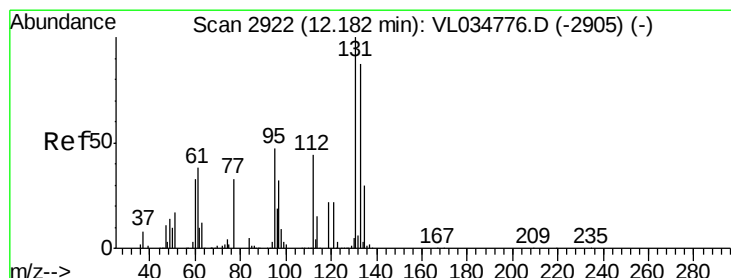
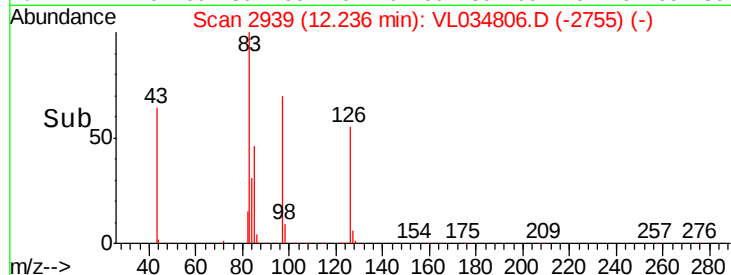
100000

0

12.23

12.24

Time-->



#56

1,1,1,2-Tetrachloroethane

Concen: 13.802 ppbv

RT: 12.27 min Scan# 2949

Delta R.T. 0.09 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

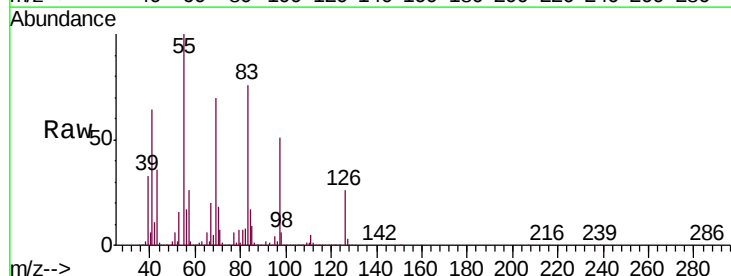
Tgt Ion:131 Resp: 159

Ion Ratio Lower Upper

131 100

133 0.0 75.4 113.0#

119 606.9 110.5 165.7#



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

1000

800

600

400

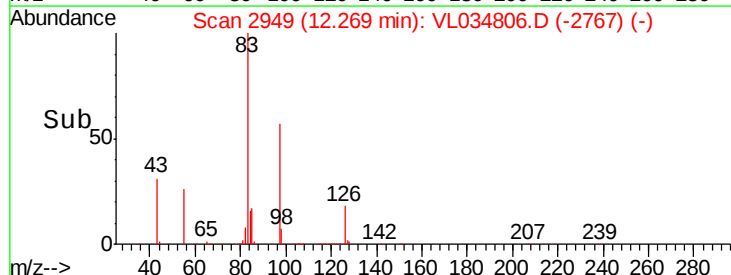
200

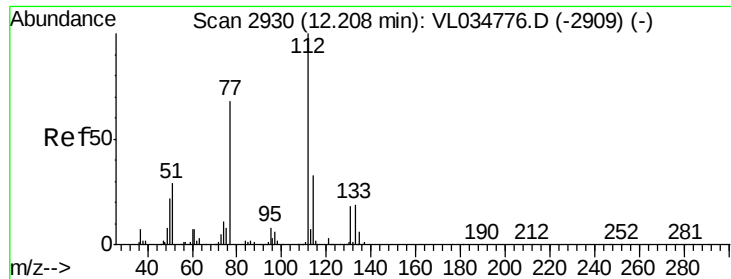
0

12.26

12.27

Time-->

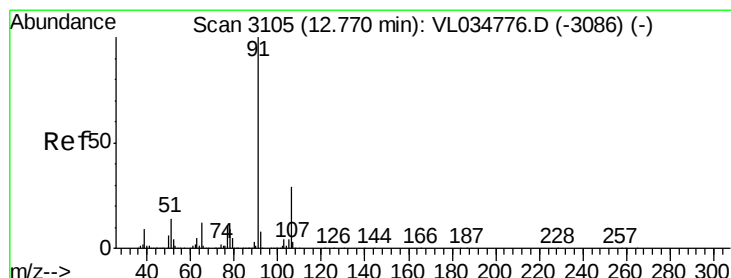
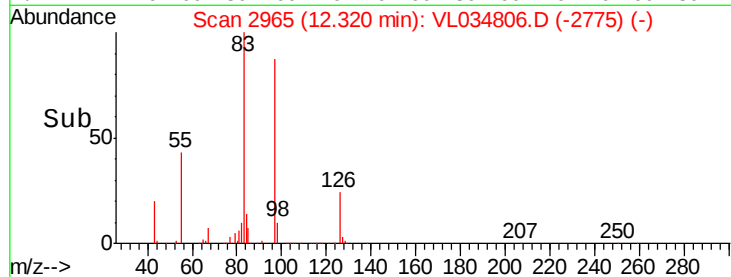
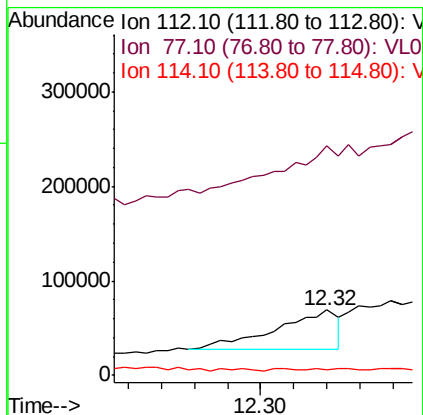
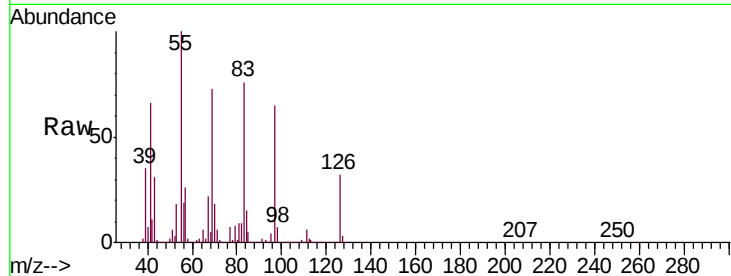




#57
Chlorobenzene
Concen: 2673.110 ppbv
RT: 12.32 min Scan# 2965
Delta R.T. 0.11 min
Lab File: VL034806.D
Acq: 5 Mar 2020 21:47

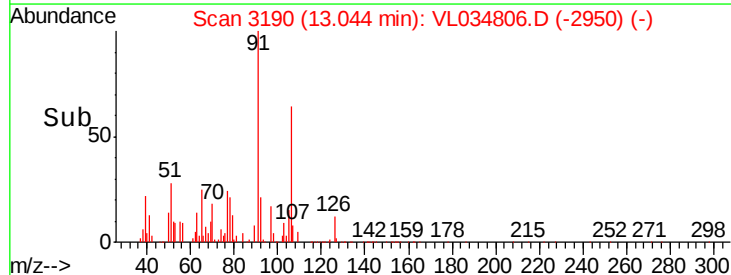
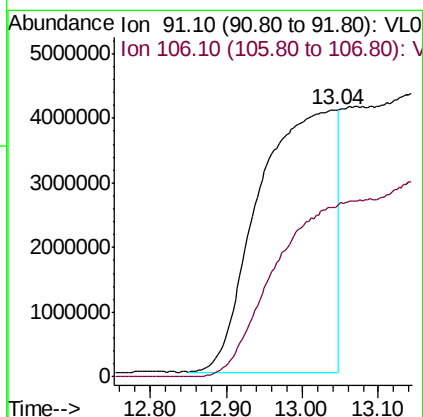
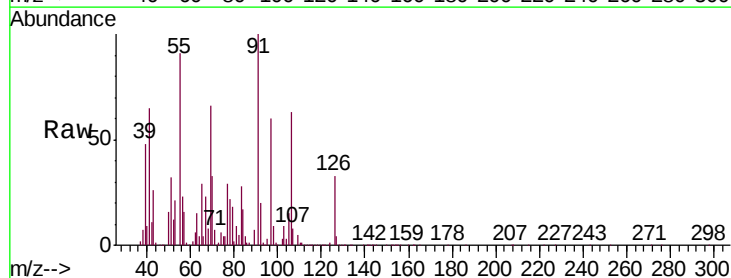
Instrument :
MSVOA_L
ClientSampleId :
SS-3-4

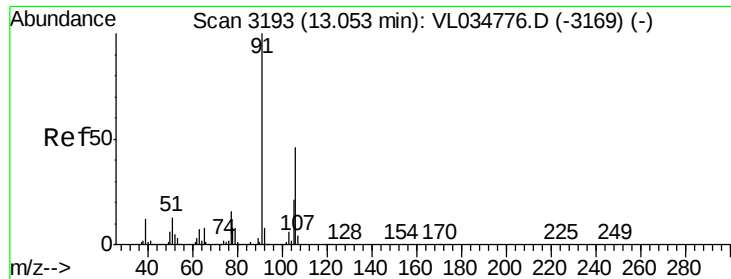
Tgt Ion: 112 Resp: 53091
Ion Ratio Lower Upper
112 100
77 109.7 55.6 83.4#
114 0.0 29.4 36.0#



#58
Ethyl Benzene
Concen: 884889.813 ppbv
RT: 13.04 min Scan# 3190
Delta R.T. 0.27 min
Lab File: VL034806.D
Acq: 5 Mar 2020 21:47

Tgt Ion: 91 Resp: 28352855
Ion Ratio Lower Upper
91 100
106 64.5 22.8 34.2#





#59

m/p-Xylene

Concen: 372672.694 ppbv

RT: 13.15 min Scan# 3223

Delta R.T. 0.10 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

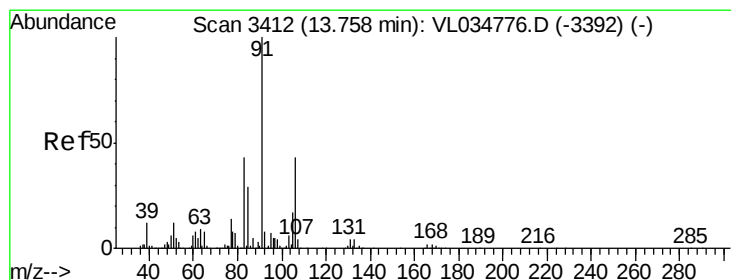
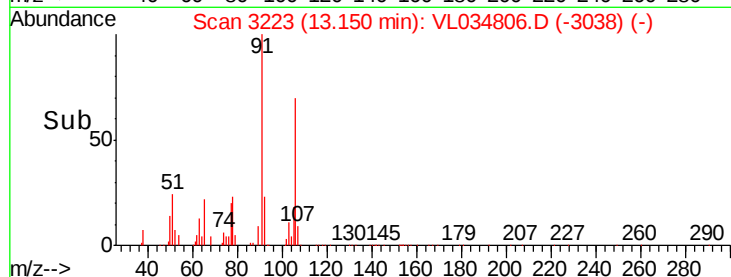
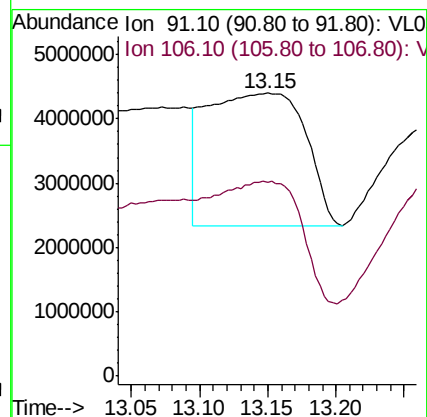
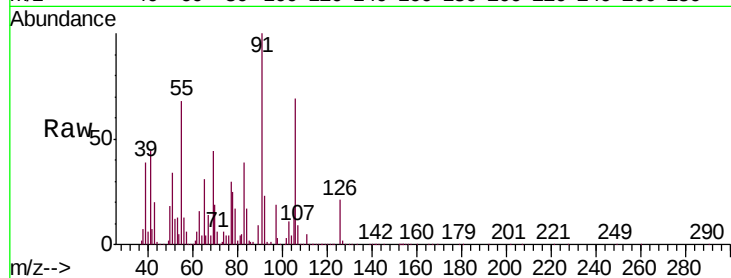
SS-3-4

Tgt Ion: 91 Resp:10336461

Ion Ratio Lower Upper

91 100

106 377.2 35.8 53.8#



#60

o-Xylene

Concen: 959955.550 ppbv

RT: 14.01 min Scan# 3490

Delta R.T. 0.25 min

Lab File: VL034806.D

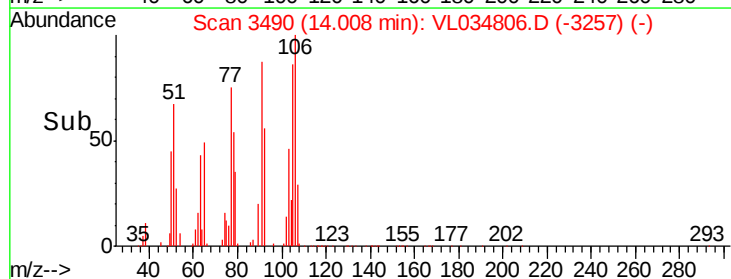
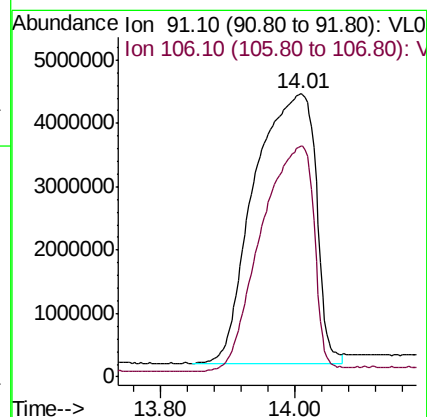
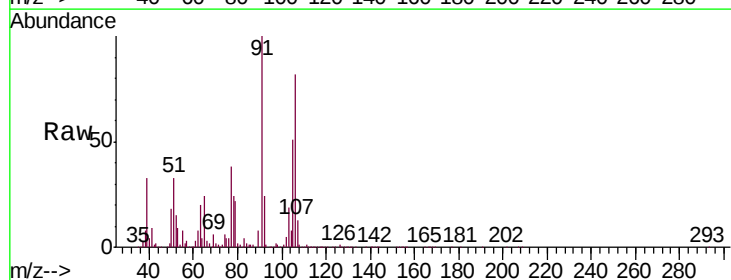
Acq: 5 Mar 2020 21:47

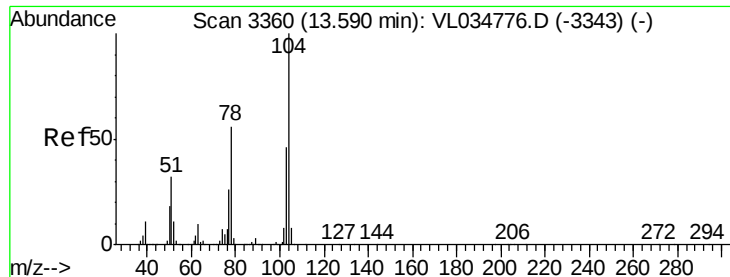
Tgt Ion: 91 Resp:26938932

Ion Ratio Lower Upper

91 100

106 71.9 21.7 65.1#





#61

Styrene

Concen: 5367.001 ppbv

RT: 13.81 min Scan# 3428

Delta R.T. 0.22 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4

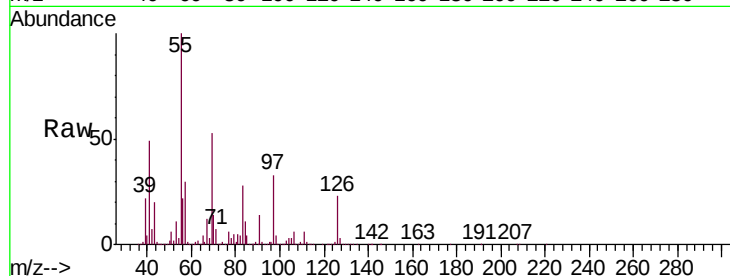
Tgt Ion:104 Resp: 93434

Ion Ratio Lower Upper

104 100

78 0.0 44.7 67.1#

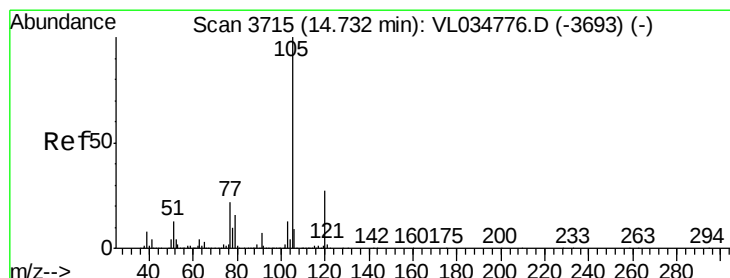
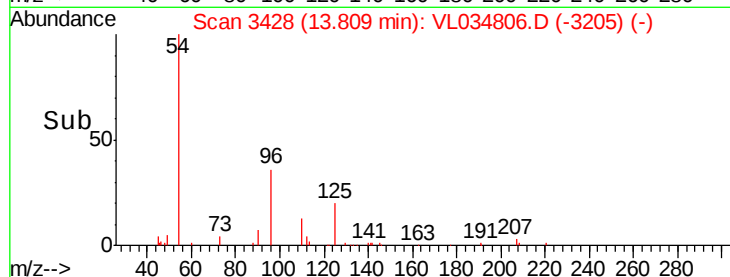
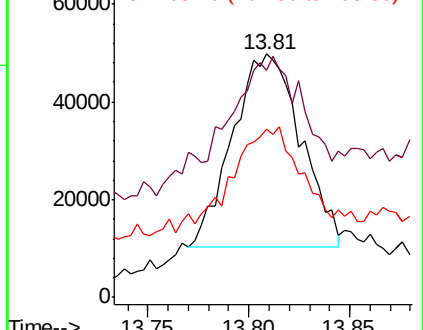
103 0.0 38.2 57.2#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 536.628 ppbv

RT: 14.84 min Scan# 3749

Delta R.T. 0.11 min

Lab File: VL034806.D

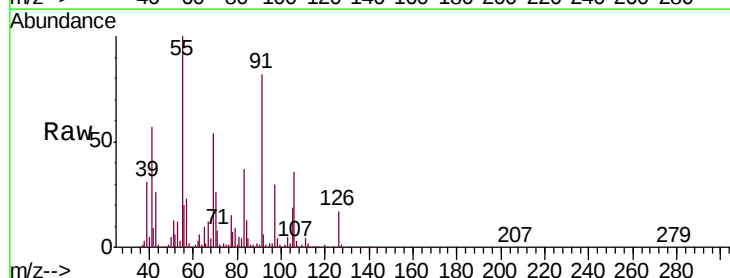
Acq: 5 Mar 2020 21:47

Tgt Ion:105 Resp: 22164

Ion Ratio Lower Upper

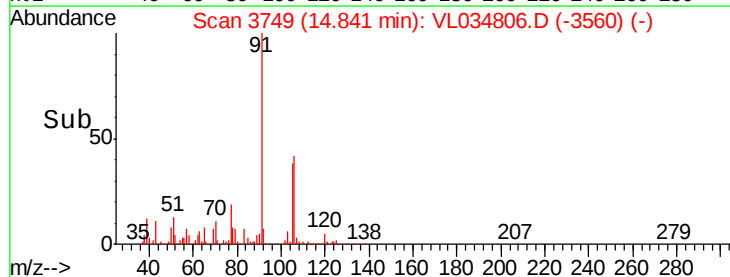
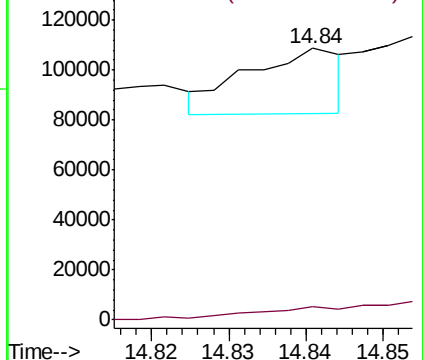
105 100

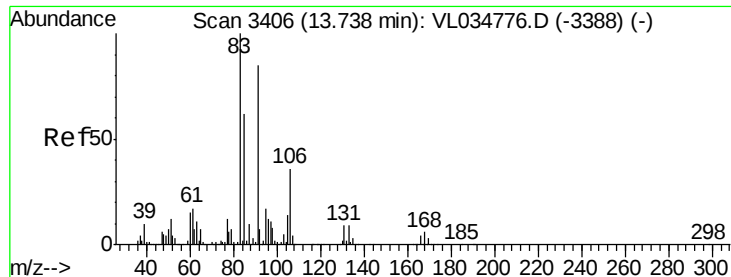
120 0.0 20.5 30.7#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

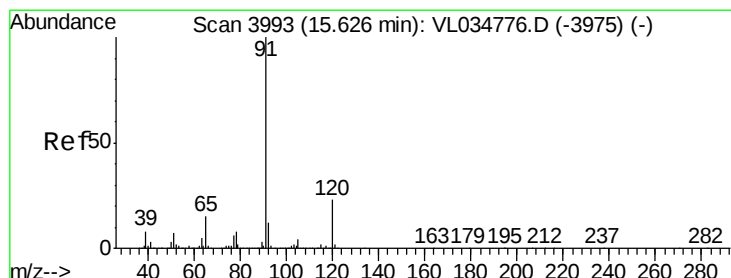
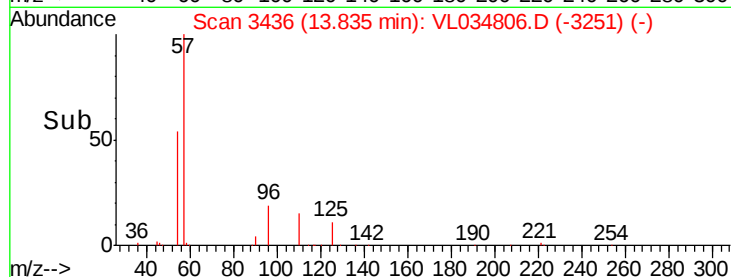
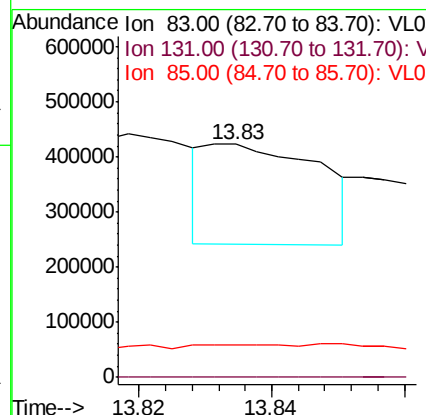
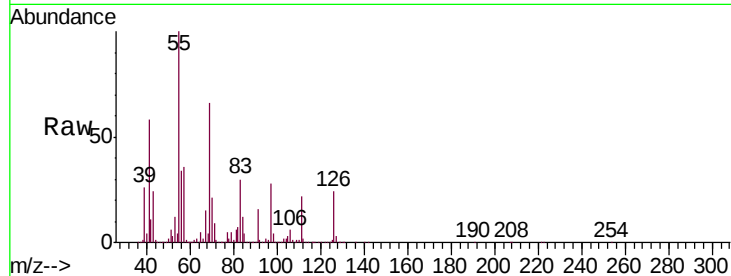




#63
 1,1,2,2-Tetrachloroethane
 Concen: 9727.937 ppbv
 RT: 13.83 min Scan# 3436
 Delta R.T. 0.10 min
 Lab File: VL034806.D
 Acq: 5 Mar 2020 21:47

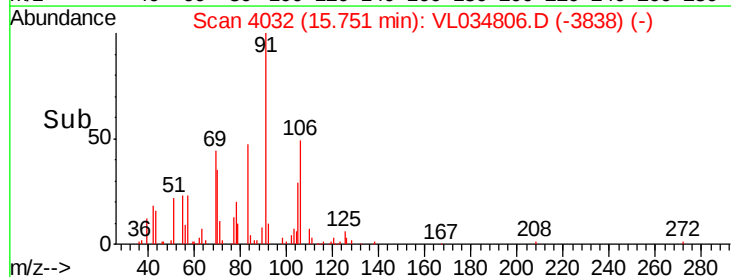
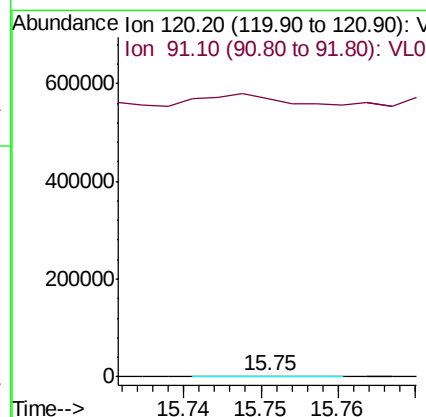
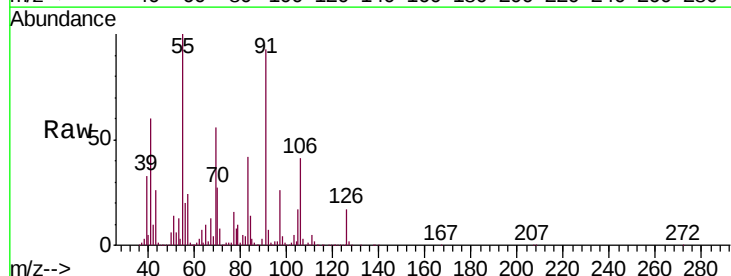
Instrument :
 MSVOA_L
 ClientSampled :
 SS-3-4

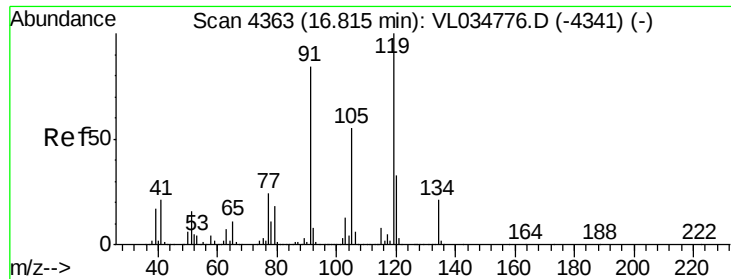
Tgt Ion: 83 Resp: 215203
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.7 14.0#
 85 151.4 32.9 98.7#



#64
 n-propylbenzene
 Concen: 85.941 ppbv
 RT: 15.75 min Scan# 4032
 Delta R.T. 0.13 min
 Lab File: VL034806.D
 Acq: 5 Mar 2020 21:47

Tgt Ion: 120 Resp: 890
 Ion Ratio Lower Upper
 120 100
 91 3913.5 379.4 569.2#





#65

tert-Butylbenzene

Concen: 0.945 ppbv

RT: 16.94 min Scan# 4403

Delta R.T. 0.13 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4

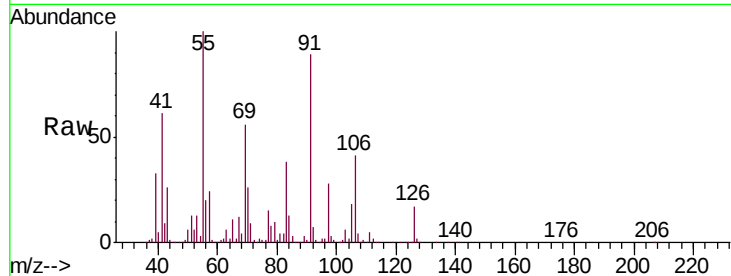
Tgt Ion: 119 Resp: 33

Ion Ratio Lower Upper

119 100

91 0.0 69.8 104.6#

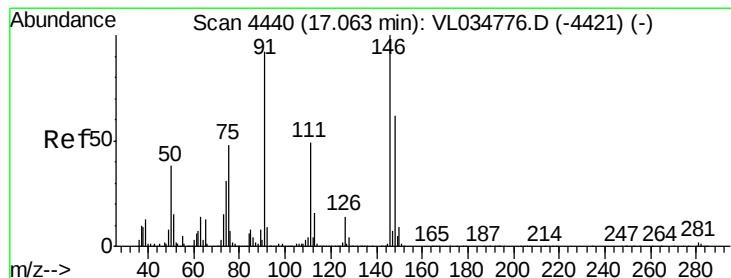
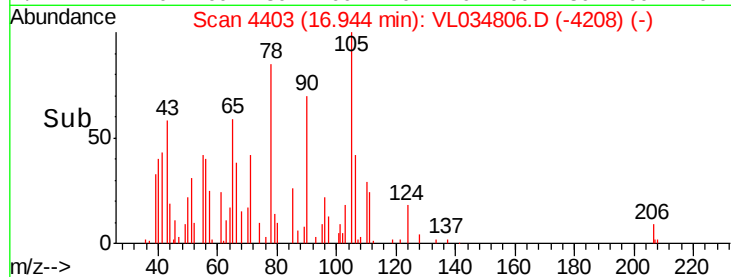
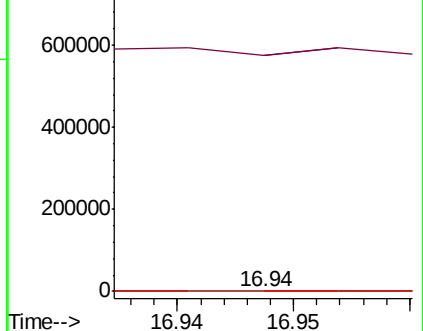
134 0.0 15.9 23.9#



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: 391.869 ppbv

RT: 17.20 min Scan# 4482

Delta R.T. 0.13 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

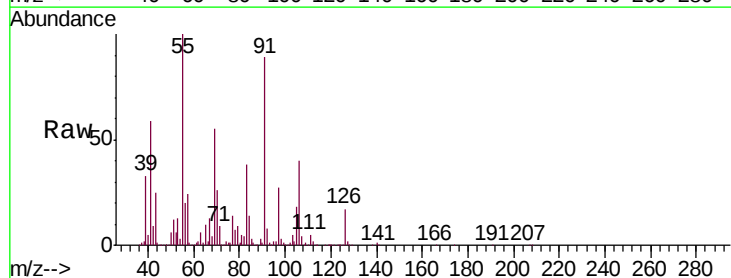
Tgt Ion: 91 Resp: 4422

Ion Ratio Lower Upper

91 100

126 302.4 12.6 18.8#

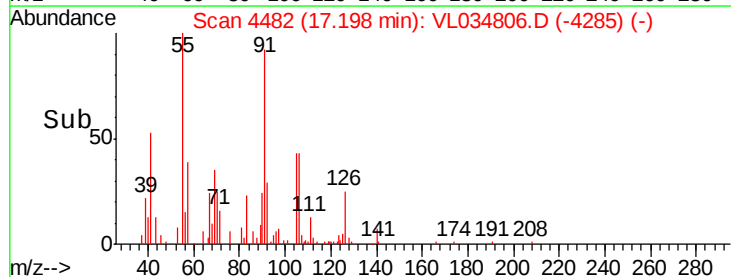
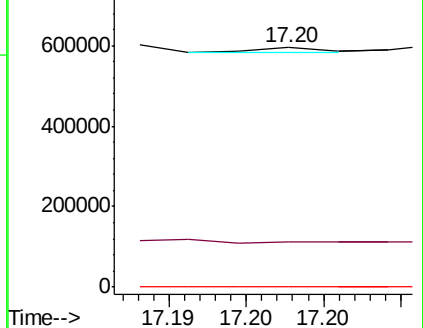
128 0.0 4.3 6.5#

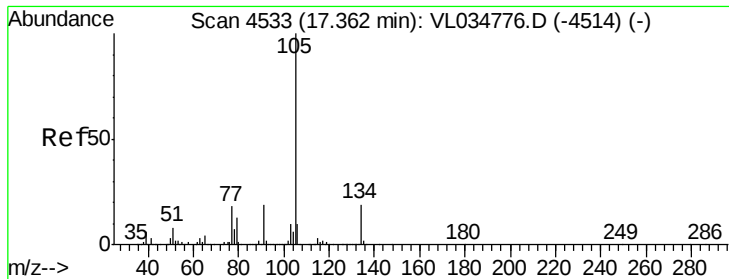


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 51.298 ppbv

RT: 17.50 min Scan# 4576

Delta R.T. 0.14 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampled :

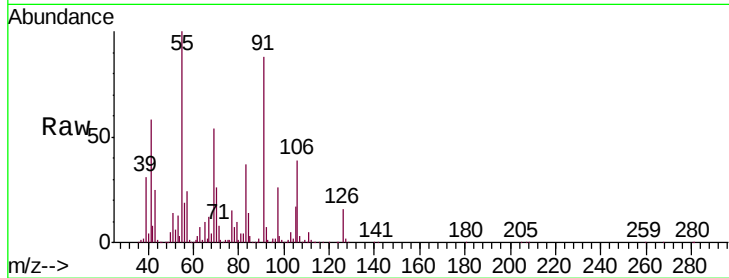
SS-3-4

Tgt Ion: 105 Resp: 2609

Ion Ratio Lower Upper

105 100

134 0.0 14.7 22.1#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

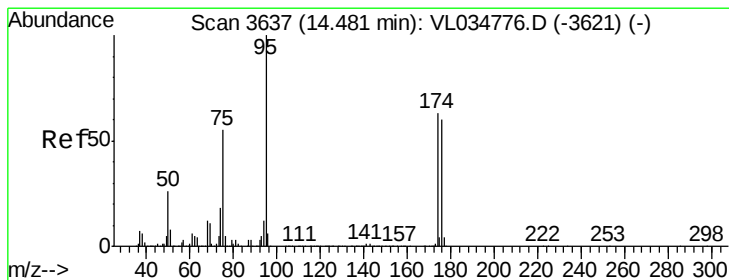
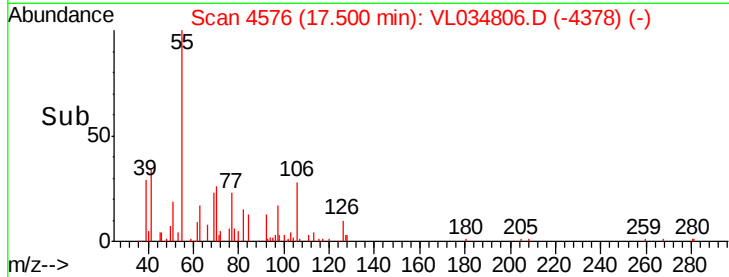
17.50

100000

50000

0

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 12083.711 ppbv

RT: 14.63 min Scan# 3682

Delta R.T. 0.14 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

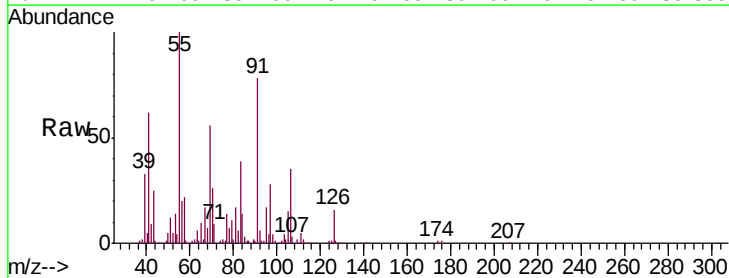
Tgt Ion: 95 Resp: 261975

Ion Ratio Lower Upper

95 100

174 4.8 50.6 76.0#

175 0.1 3.8 5.6#



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

120000

100000

80000

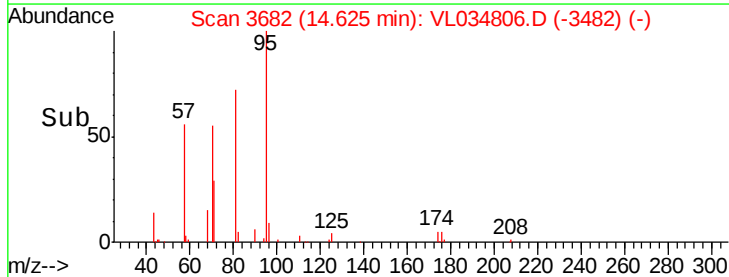
60000

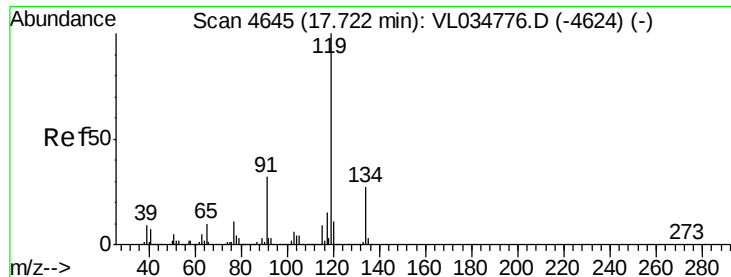
40000

20000

0

Time-->

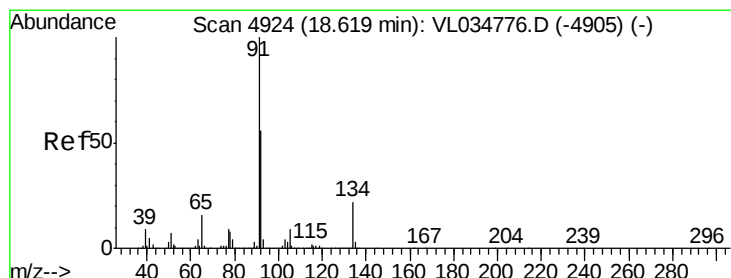
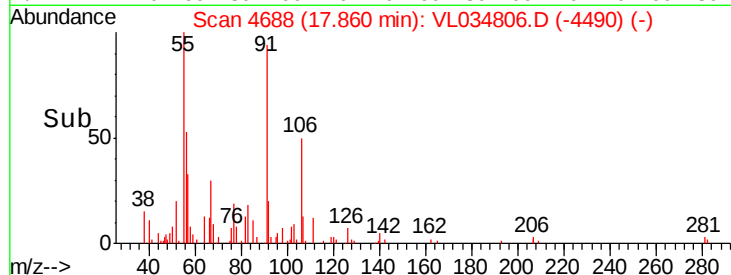
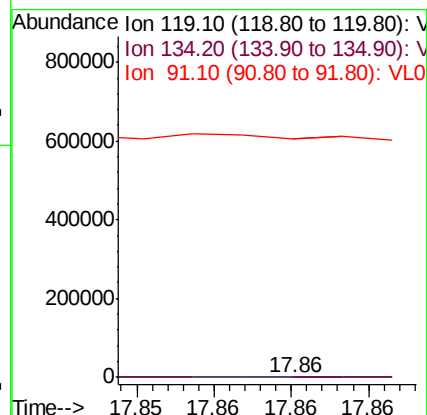
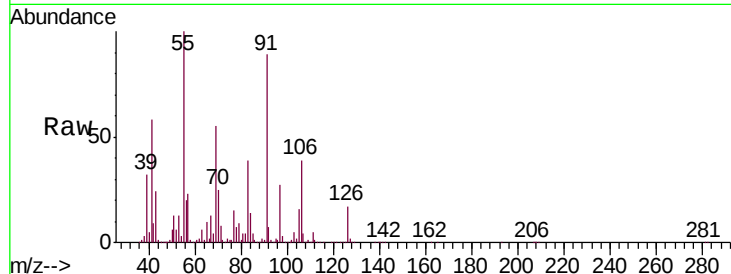




#69
p-Isopropyltoluene
Concen: 5.321 ppbv
RT: 17.86 min Scan# 4688
Delta R.T. 0.14 min
Lab File: VL034806.D
Acq: 5 Mar 2020 21:47

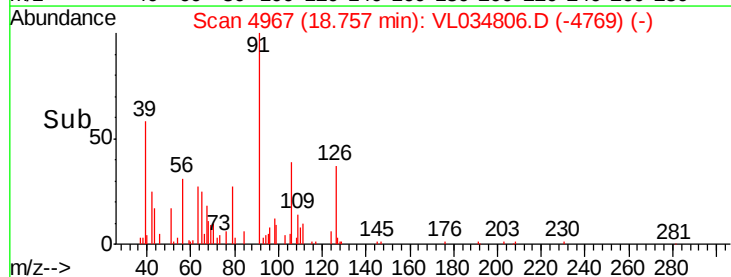
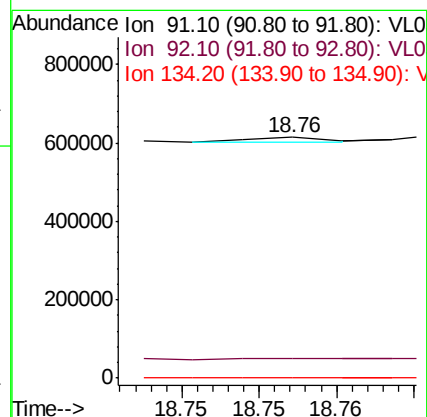
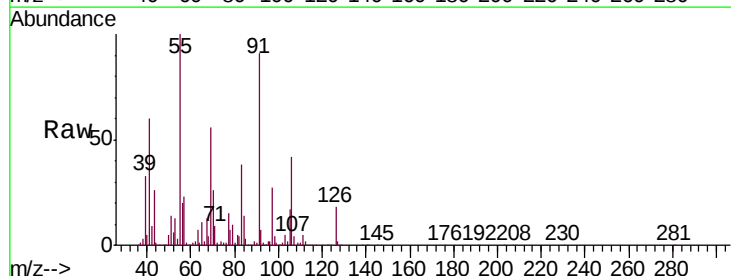
Instrument :
MSVOA_L
ClientSampleId :
SS-3-4

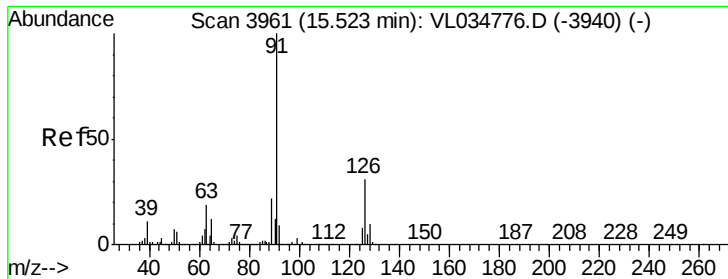
Tgt Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	30.8#
91	0.0	25.3	37.9#



#70
n-Butylbenzene
Concen: 77.544 ppbv
RT: 18.76 min Scan# 4967
Delta R.T. 0.14 min
Lab File: VL034806.D
Acq: 5 Mar 2020 21:47

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





#71

2-Chlorotoluene

Concen: 1183.412 ppbv

RT: 15.75 min Scan# 4031

Delta R.T. 0.22 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

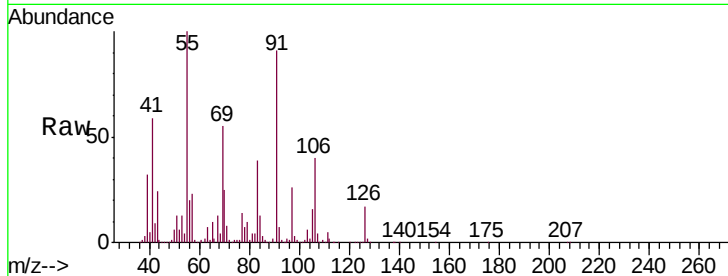
SS-3-4

Tgt Ion: 91 Resp: 36916

Ion Ratio Lower Upper

91 100

126 33.8 11.7 46.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

15.75

600000

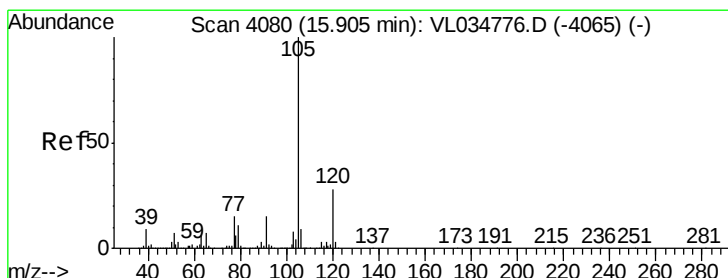
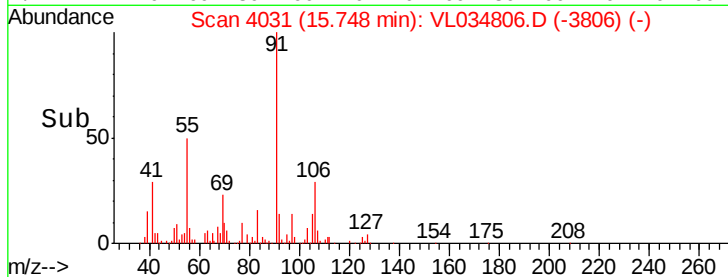
400000

200000

0

Time-->

15.74 15.76



#72

4-Ethyltoluene

Concen: 151.414 ppbv

RT: 16.03 min Scan# 4118

Delta R.T. 0.12 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Tgt Ion: 105 Resp: 4731

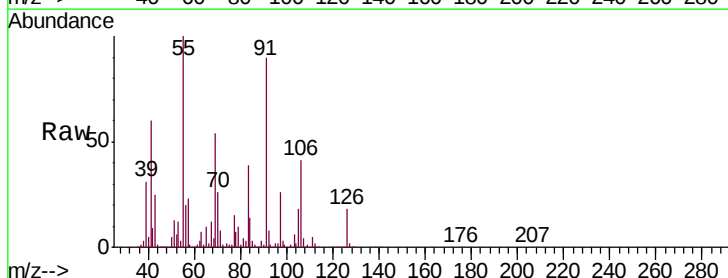
Ion Ratio Lower Upper

105 100

120 0.0 23.0 34.6#

91 0.0 11.1 16.7#

77 0.0 12.2 18.4#



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

800000

600000

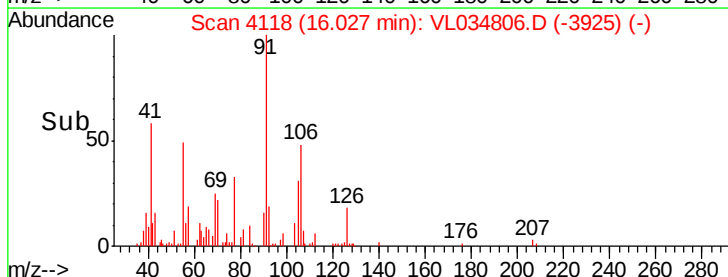
400000

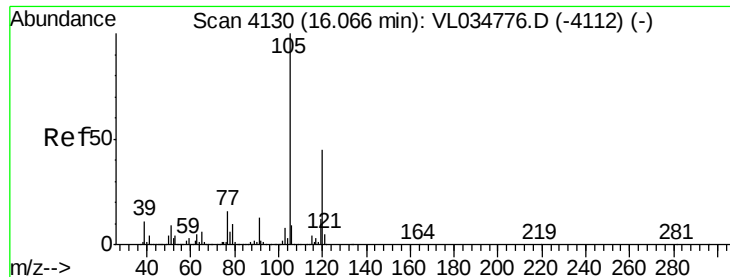
200000

0

Time-->

16.02 16.03





#73

1,3,5-Trimethylbenzene

Concen: 117.147 ppbv

RT: 16.18 min Scan# 4166

Delta R.T. 0.12 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

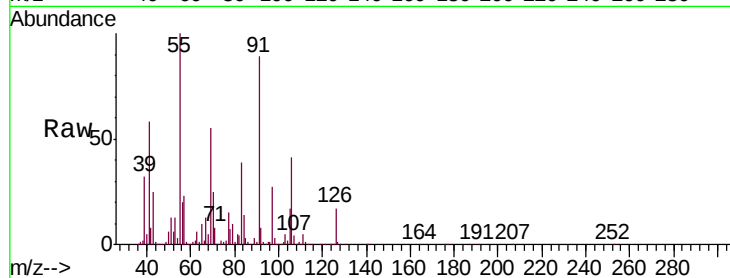
SS-3-4

Tgt Ion:105 Resp: 3511

Ion Ratio Lower Upper

105 100

120 1.9 35.6 53.4#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.18

120000

100000

80000

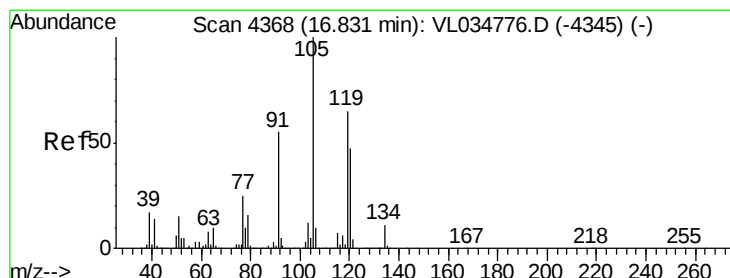
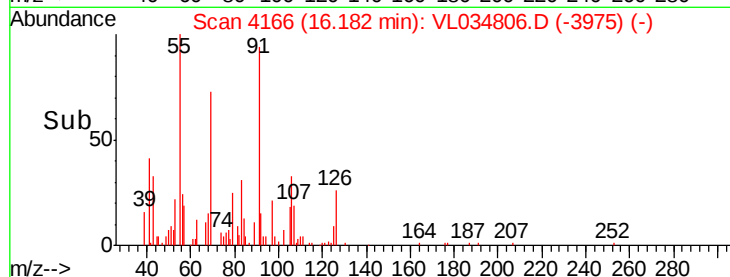
60000

40000

20000

0

Time--> 16.18 16.18 16.18 16.19



#74

1,2,4-Trimethylbenzene

Concen: 73.110 ppbv

RT: 16.96 min Scan# 4409

Delta R.T. 0.13 min

Lab File: VL034806.D

Acq: 5 Mar 2020 21:47

Tgt Ion:105 Resp: 2382

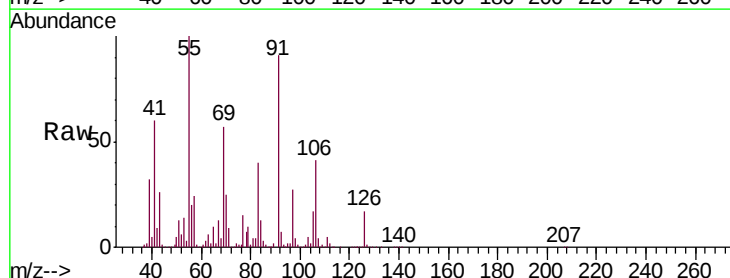
Ion Ratio Lower Upper

105 100

120 0.7 37.8 56.6#

91 66.9 43.8 65.8#

77 78.8 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

800000

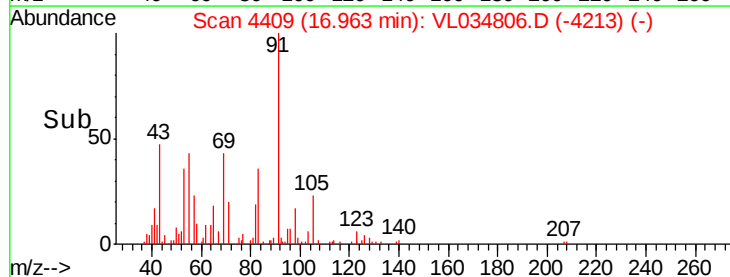
600000

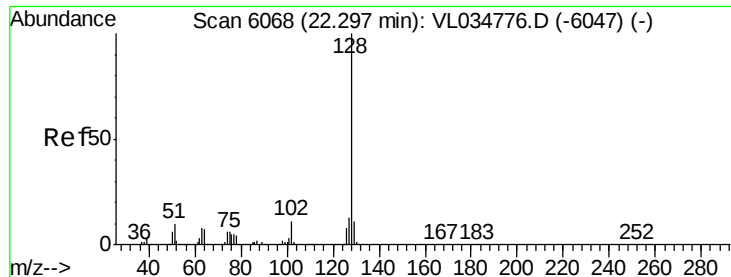
400000

200000

0

Time--> 16.95 16.96 16.97 16.97

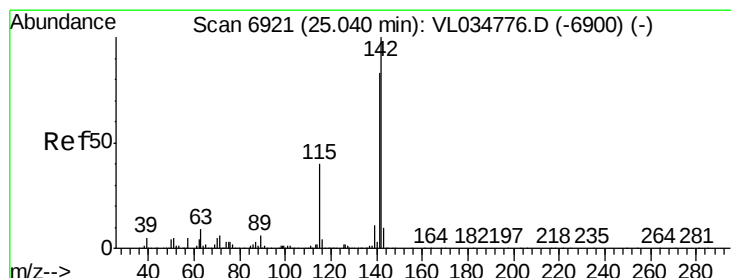
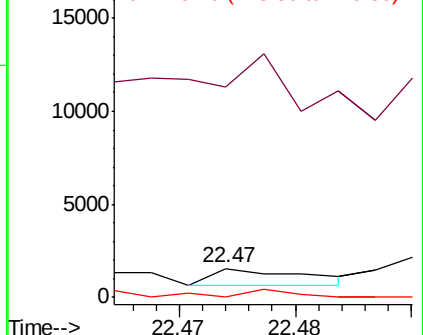
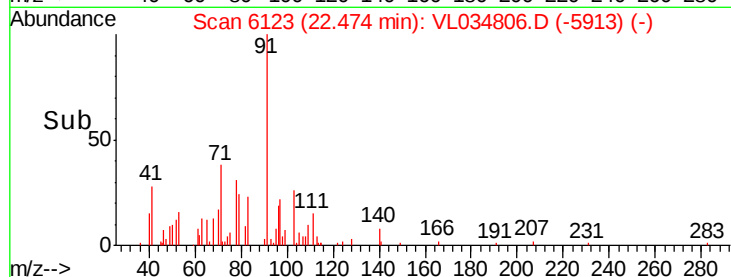
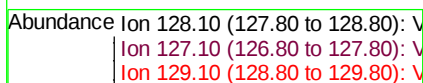
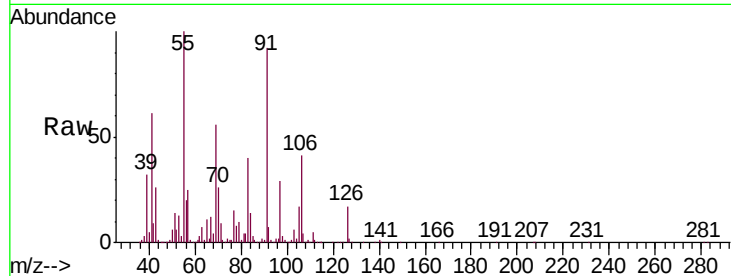




#79
Naphthalene
Concen: 22.096 ppbv
RT: 22.47 min Scan# 6123
Delta R.T. 0.18 min
Lab File: VL034806.D
Acq: 5 Mar 2020 21:47

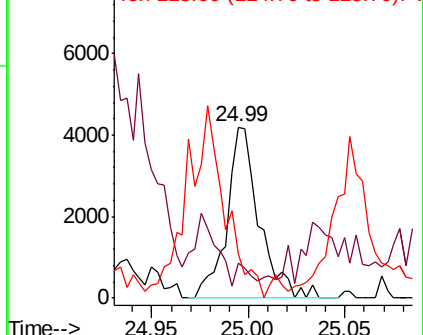
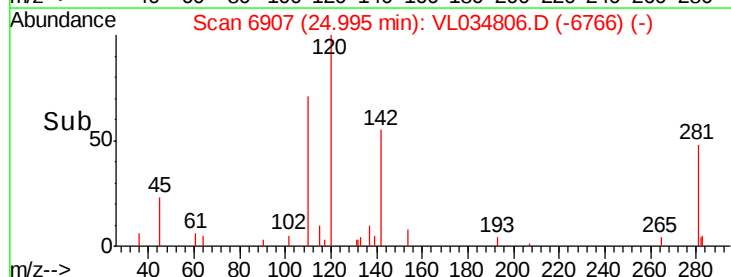
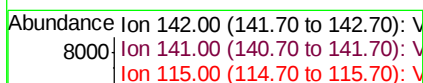
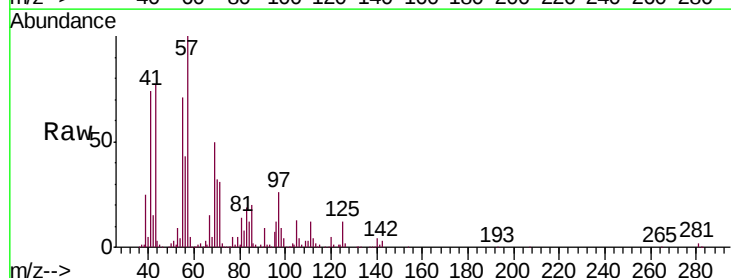
Instrument :
MSVOA_L
ClientSampleId :
SS-3-4

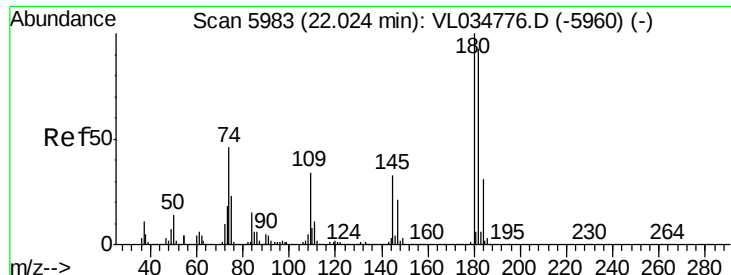
Tgt Ion:128 Resp: 541
Ion Ratio Lower Upper
128 100
127 30.3 10.2 15.4#
129 0.0 9.0 13.6#



#80
Naphthalene, 2-methyl-
Concen: 827.990 ppbv
RT: 24.99 min Scan# 6907
Delta R.T. -0.05 min
Lab File: VL034806.D
Acq: 5 Mar 2020 21:47

Tgt Ion:142 Resp: 4842
Ion Ratio Lower Upper
142 100
141 0.0 67.7 101.5#
115 130.8 30.7 46.1#

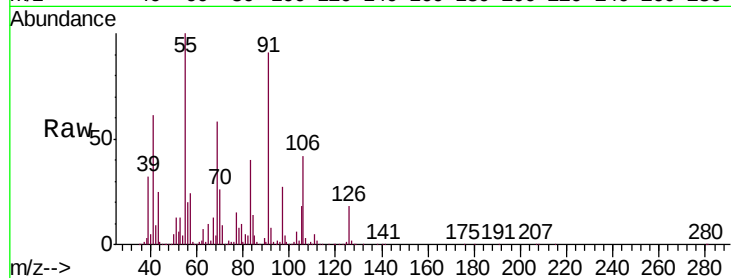




#81
 1,2,4-Trichlorobenzene
 Concen: 4.587 ppbv
 RT: 22.54 min Scan# 6145
 Delta R.T. 0.52 min
 Lab File: VL034806.D
 Acq: 5 Mar 2020 21:47

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-4

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



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

