

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112519\
 Data File : VL034404.D
 Acq On : 25 Nov 2019 13:43
 Operator : SY/AP
 Sample : K5971-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 26 00:42:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	972385	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1907304	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1886615	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1610221	10.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

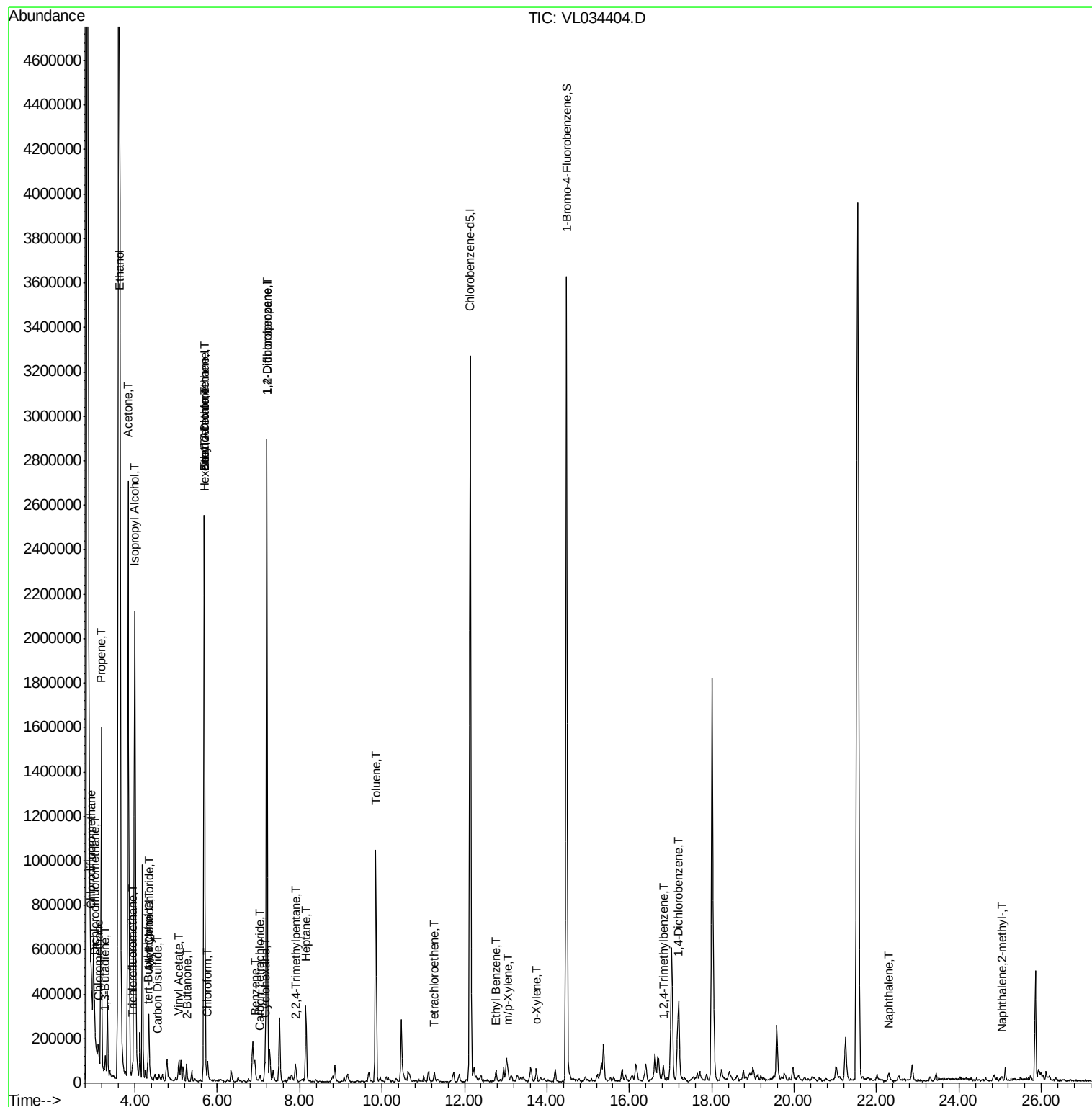
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	112638	0.640	ppbv	99
3) Chlorodifluoromethane	2.93	51	130394	1.075	ppbv #	69
4) Chloromethane	3.11	50	48743	0.681	ppbv	95
9) Propene	3.18	41	393392	7.304	ppbv	97
10) Heptane	8.15	43	138279	0.995	ppbv	99
11) Trichlorofluoromethane	3.94	101	39741	0.227	ppbv	84
13) Ethanol	3.62	45	10080979	671.875	ppbv	86
15) Acetone	3.83	43	2710093	19.464	ppbv	98
16) 1,3-Butadiene	3.29	39	21396	0.353	ppbv #	32
17) tert-Butyl alcohol	4.32	59	11732	0.100	ppbv #	71
19) Isopropyl Alcohol	4.00	45	3050722	34.182	ppbv	99
20) Methylene Chloride	4.34	84	84604	1.713	ppbv	96
21) Allyl Chloride	4.33	41	4177	0.050	ppbv #	1
23) Vinyl Acetate	5.07	43	70886	0.390	ppbv #	70
25) Ethyl Acetate	5.68	43	470372	1.893	ppbv #	96
26) Hexane	5.69	57	91129	0.854	ppbv #	1
27) Carbon Disulfide	4.55	76	3802	0.033	ppbv #	1
29) Chloroform	5.76	83	50105	0.290	ppbv	95
30) Cyclohexane	7.15	84	19348	0.240	ppbv #	85
31) cis-1,2-Dichloroethene	5.68	61	48401	0.439	ppbv #	30
34) 2-Butanone	5.25	43	80882	0.515	ppbv	97
35) Carbon Tetrachloride	7.05	117	10410	0.063	ppbv #	84
36) Benzene	6.91	78	53524	0.281	ppbv #	84
39) 1,2-Dichloropropane	7.20	63	562879	7.663	ppbv #	24
44) 2,2,4-Trimethylpentane	7.90	57	53213	0.153	ppbv #	73
52) Tetrachloroethene	11.27	164	4065	0.049	ppbv #	13
53) Toluene	9.85	91	745191	3.441	ppbv	97
58) Ethyl Benzene	12.76	91	35459	0.121	ppbv #	82
59) m/p-Xylene	13.06	91	8532	0.034	ppbv #	33
60) o-Xylene	13.75	91	15345	0.061	ppbv #	20
74) 1,2,4-Trimethylbenzene	16.83	105	14996	0.050	ppbv #	59
76) 1,4-Dichlorobenzene	17.21	146	69006	0.411	ppbv #	17
79) Naphthalene	22.29	128	8962	0.034	ppbv #	39
80) Naphthalene,2-methyl-	25.04	142	6075	0.052	ppbv #	64

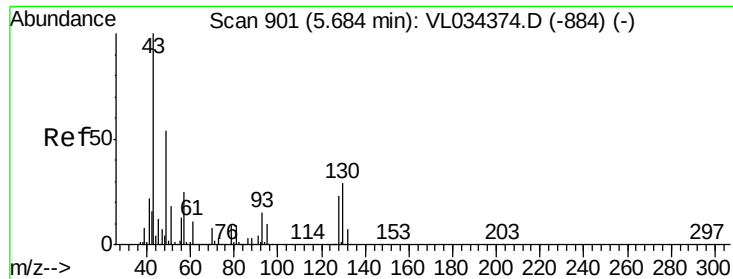
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 19 14:15:35 2019
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

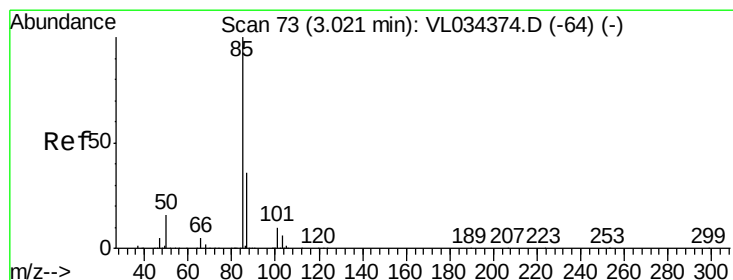
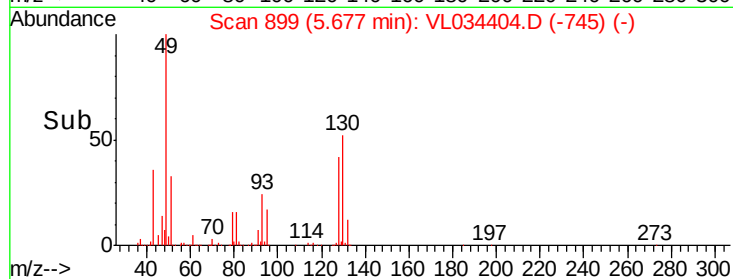
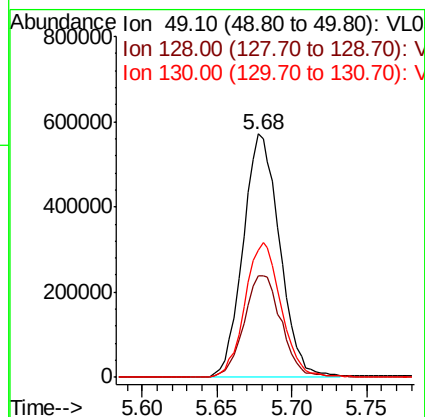
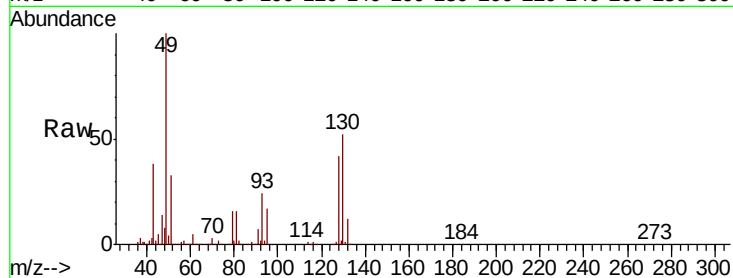
Delta R.T. -0.01 min

Lab File: VL034404.D

Acq: 25 Nov 2019 13:43

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:	49	Resp:	972385
Ion	Ratio	Lower	Upper
49	100		
128	42.9	21.8	65.3
130	55.4	28.0	84.0



#2

Dichlorodifluoromethane

Concen: 0.640 ppbv

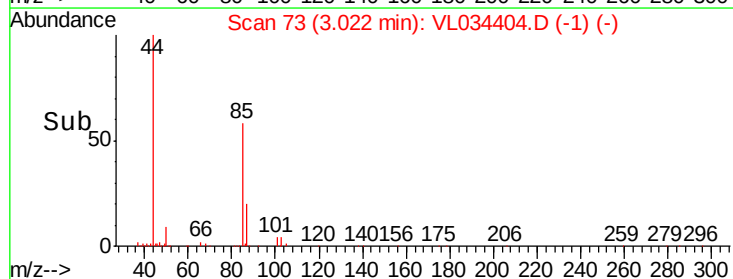
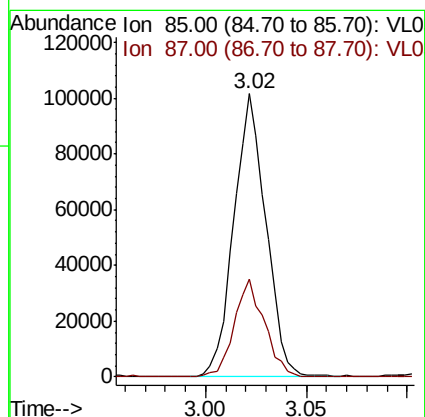
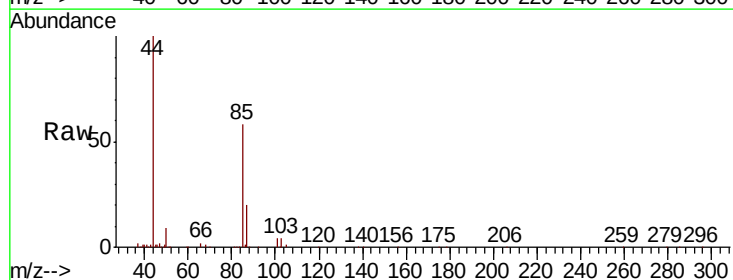
RT: 3.02 min Scan# 73

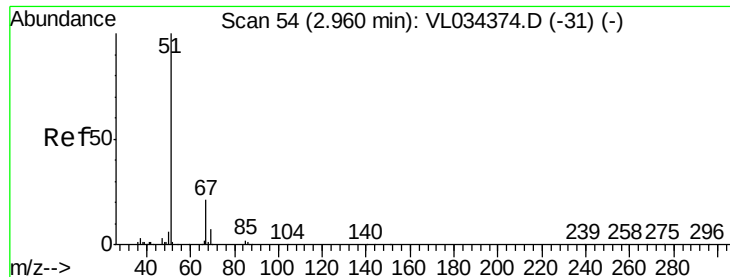
Delta R.T. 0.00 min

Lab File: VL034404.D

Acq: 25 Nov 2019 13:43

Tgt Ion:	85	Resp:	112638
Ion	Ratio	Lower	Upper
85	100		
87	34.7	28.5	42.7

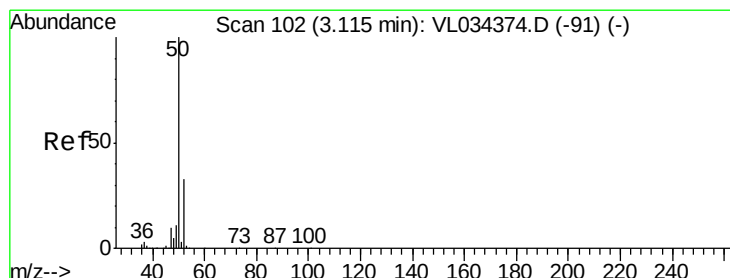
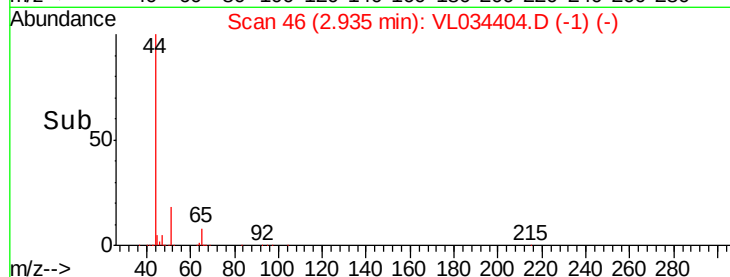
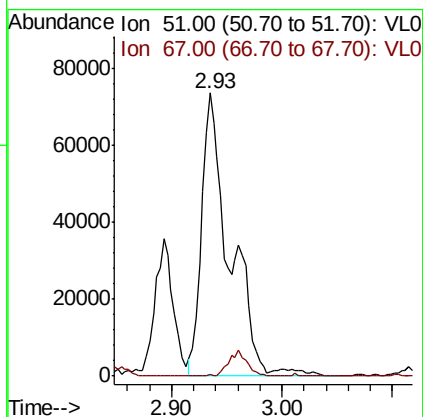
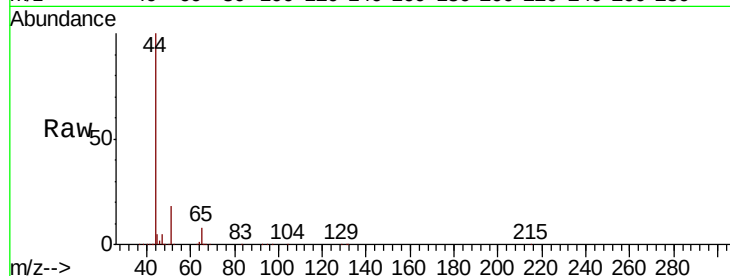




#3
Chlorodifluoromethane
Concen: 1.075 ppbv
RT: 2.93 min Scan# 46
Delta R.T. -0.03 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

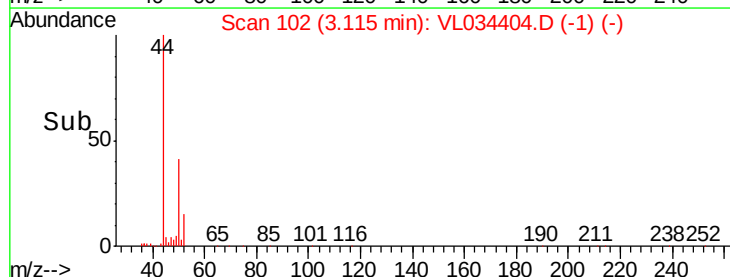
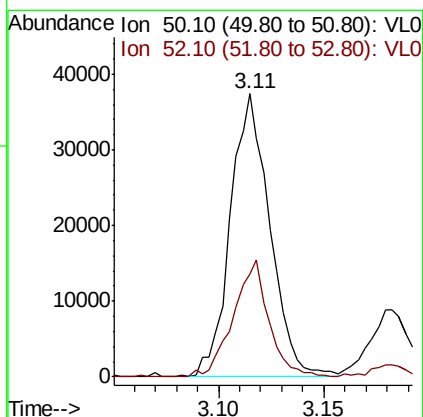
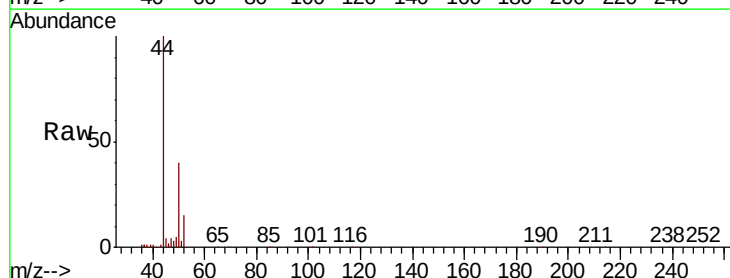
Instrument :
MSVOA_L
ClientSampleId :

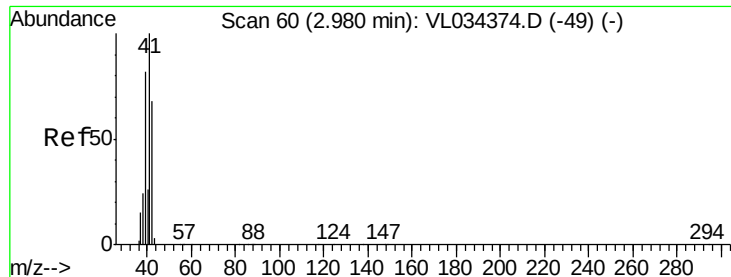
Tot Ion: 51 Resp: 130394
Ion Ratio Lower Upper
51 100
67 5.8 16.2 24.2#



#4
Chloromethane
Concen: 0.681 ppbv
RT: 3.11 min Scan# 102
Delta R.T. 0.00 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

Tgt Ion: 50 Resp: 48743
Ion Ratio Lower Upper
50 100
52 36.5 26.8 40.2





#9

Propene

Concen: 7.304 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.20 min

Lab File: VL034404.D

Acq: 25 Nov 2019 13:43

Instrument :

MSVOA_L

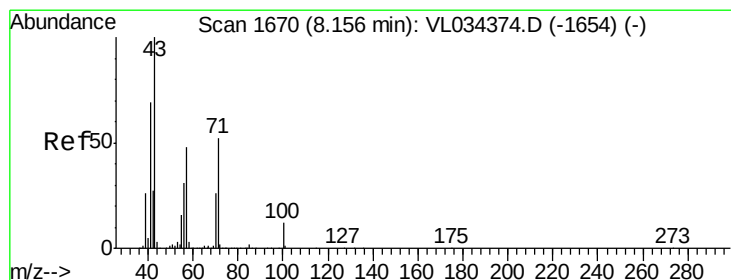
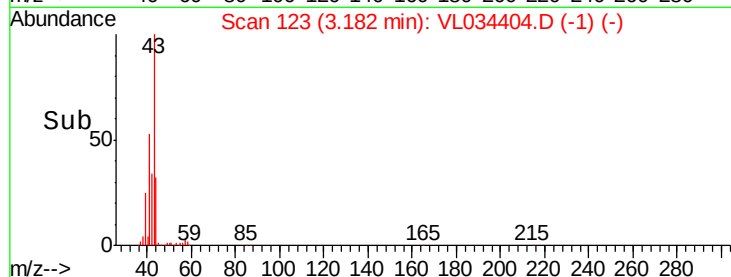
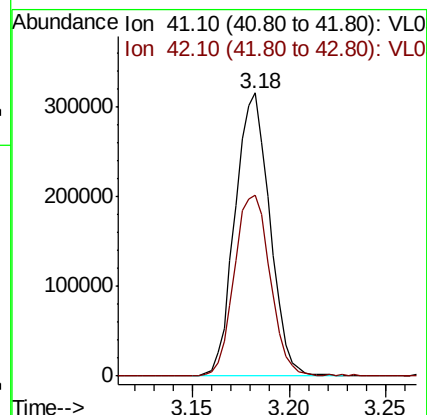
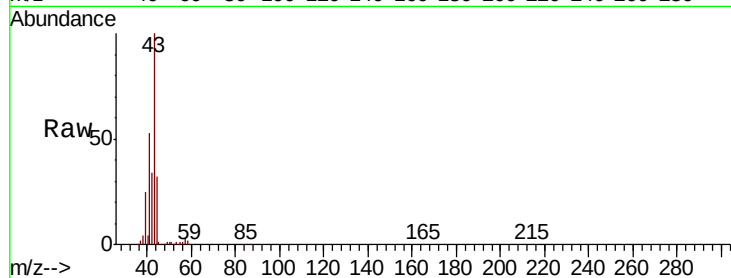
ClientSampleId :

Tot Ion: 41 Resp: 393392

Ion Ratio Lower Upper

41 100

42 65.8 54.6 82.0



#10

Heptane

Concen: 0.995 ppbv

RT: 8.15 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VL034404.D

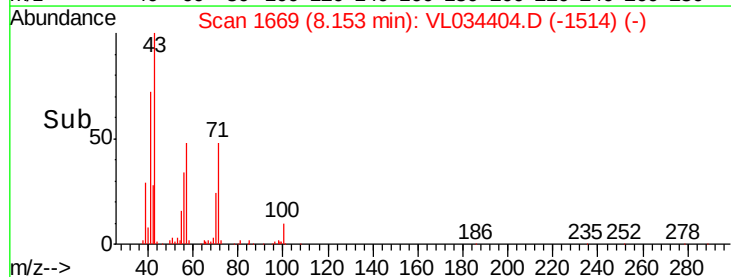
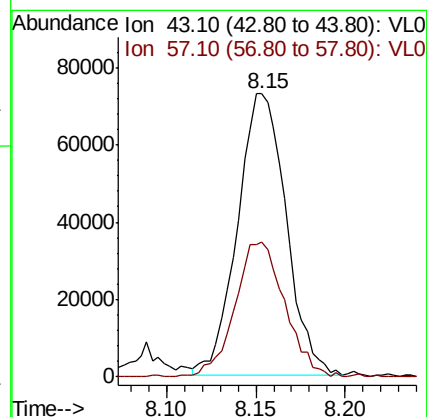
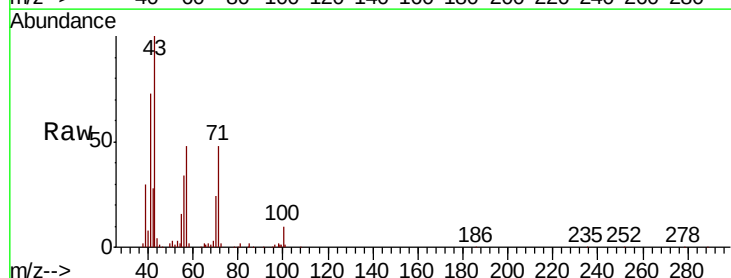
Acq: 25 Nov 2019 13:43

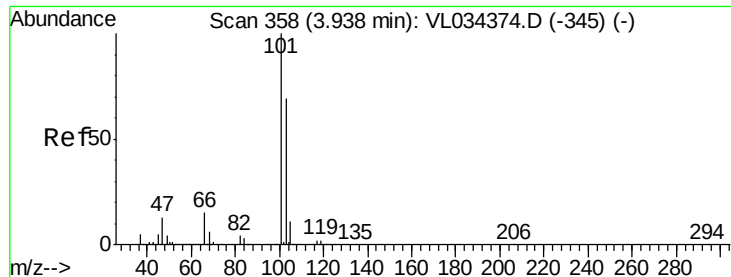
Tgt Ion: 43 Resp: 138279

Ion Ratio Lower Upper

43 100

57 49.4 40.2 60.2

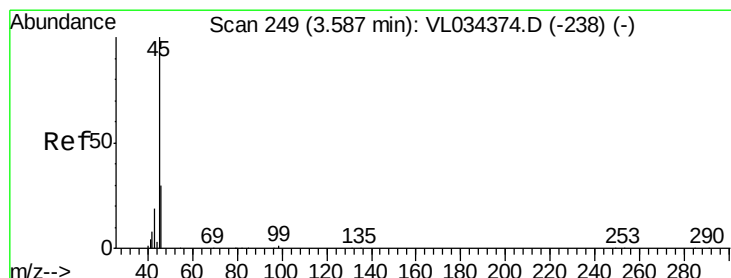
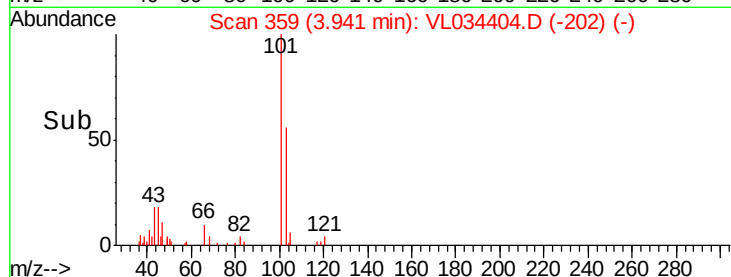
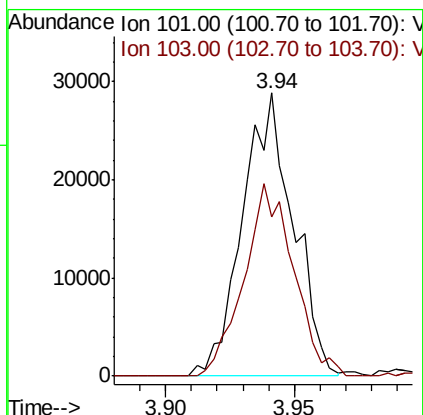
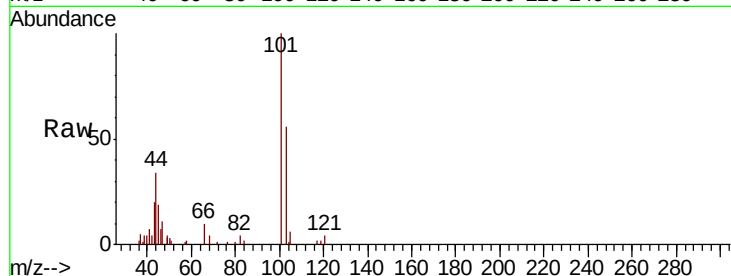




#11
 Trichlorofluoromethane
 Concen: 0.227 ppbv
 RT: 3.94 min Scan# 359
 Delta R.T. 0.00 min
 Lab File: VL034404.D
 Acq: 25 Nov 2019 13:43

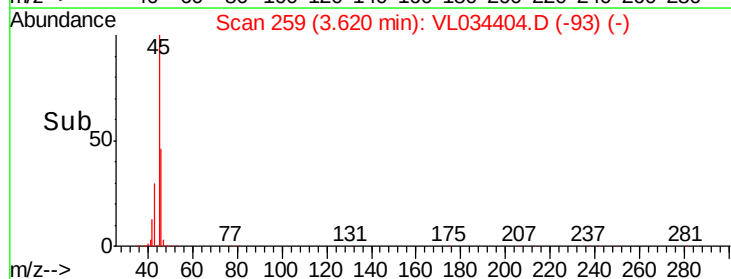
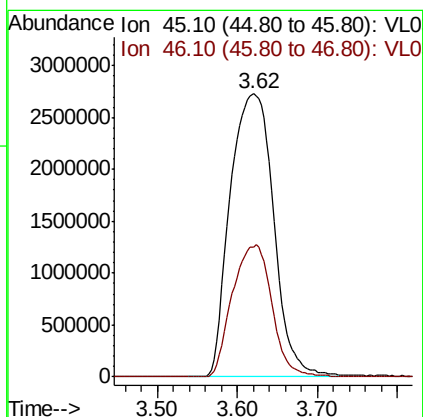
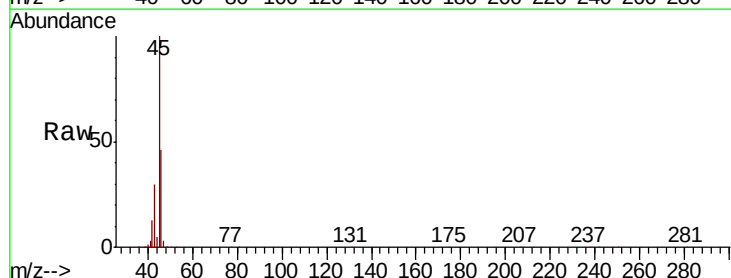
Instrument :
 MSVOA_L
 ClientSampleId :

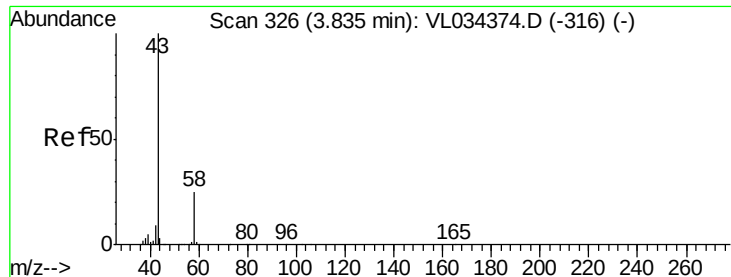
Tot Ion:101 Resp: 39741
 Ion Ratio Lower Upper
 101 100
 103 56.4 55.4 83.0



#13
 Ethanol
 Concen: 671.875 ppbv
 RT: 3.62 min Scan# 259
 Delta R.T. 0.03 min
 Lab File: VL034404.D
 Acq: 25 Nov 2019 13:43

Tgt Ion: 45 Resp:10080979
 Ion Ratio Lower Upper
 45 100
 46 42.6 13.8 55.4





#15

Acetone

Concen: 19.464 ppbv

RT: 3.83 min Scan# 325

Delta R.T. -0.00 min

Lab File: VL034404.D

Acq: 25 Nov 2019 13:43

Instrument :

MSVOA_L

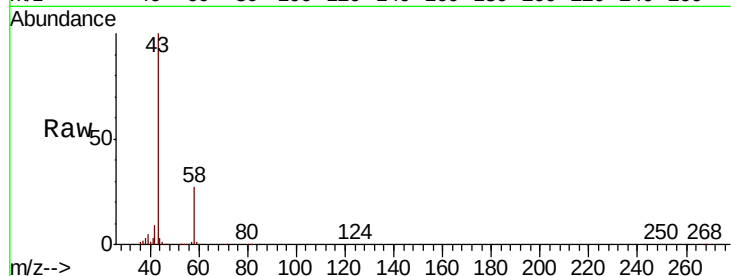
ClientSampleId :

Tot Ion: 43 Resp: 2710093

Ion Ratio Lower Upper

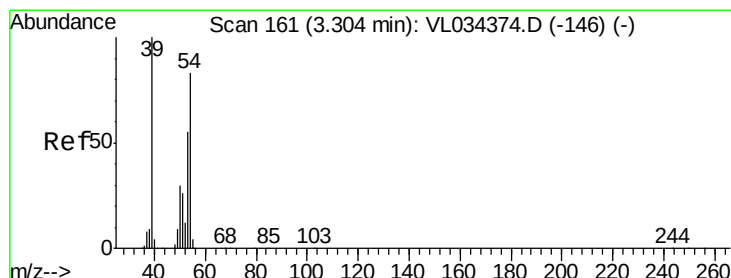
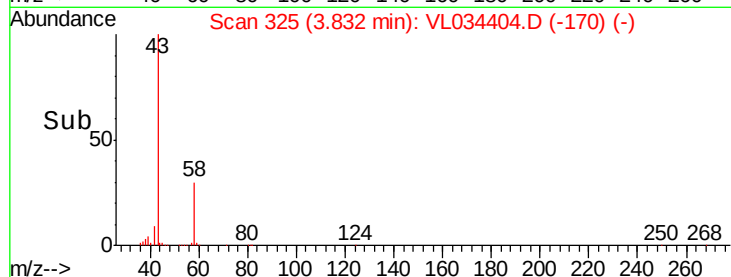
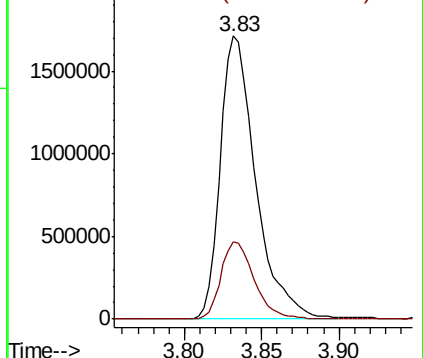
43 100

58 26.1 20.2 30.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 0.353 ppbv

RT: 3.29 min Scan# 155

Delta R.T. -0.02 min

Lab File: VL034404.D

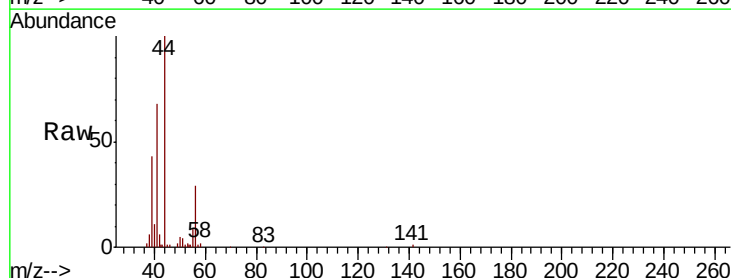
Acq: 25 Nov 2019 13:43

Tgt Ion: 39 Resp: 21396

Ion Ratio Lower Upper

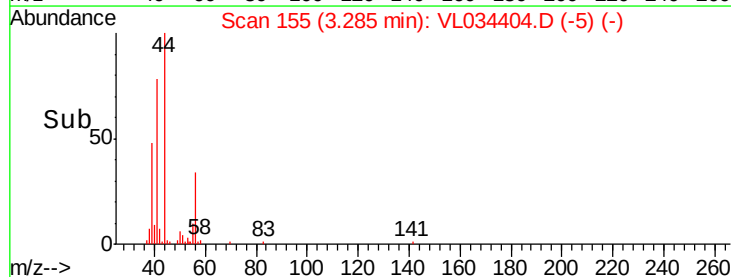
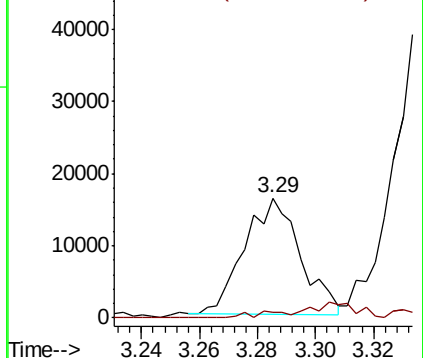
39 100

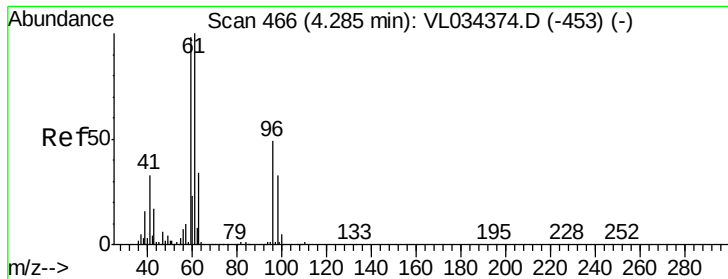
54 20.5 64.7 97.1#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0



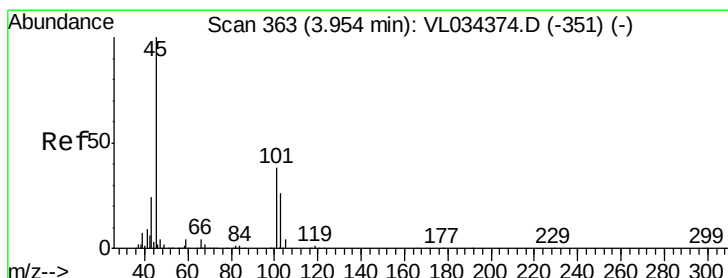
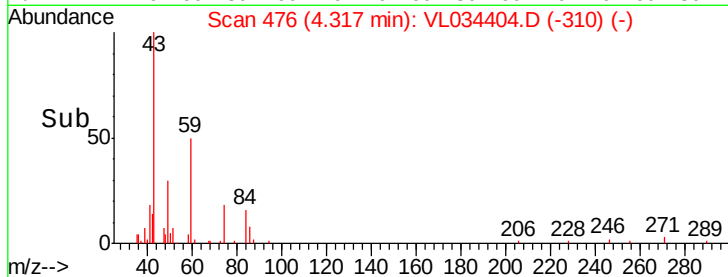
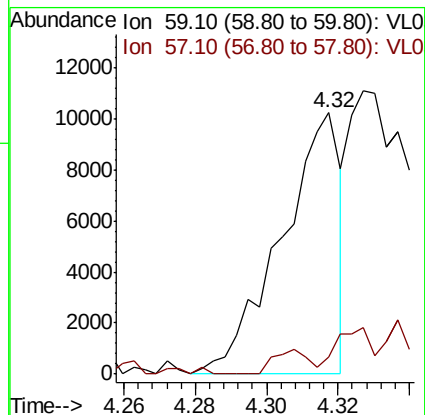
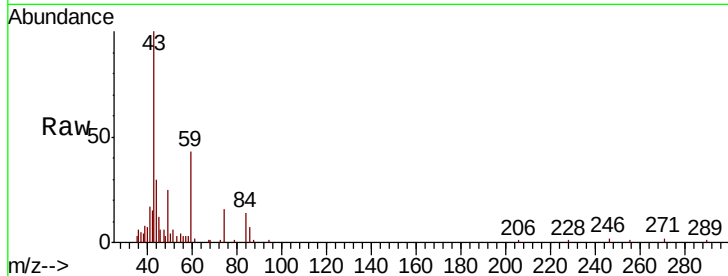


#17

tert-Butyl alcohol
Concen: 0.100 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.03 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

Instrument :
MSVOA_L
ClientSampled :

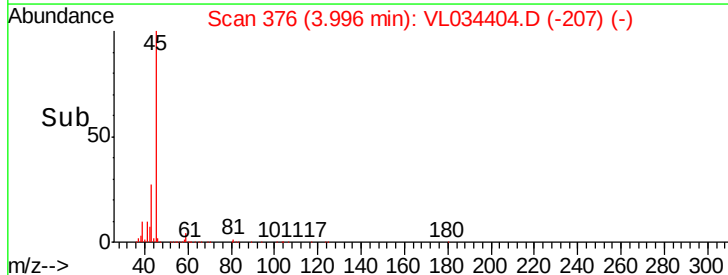
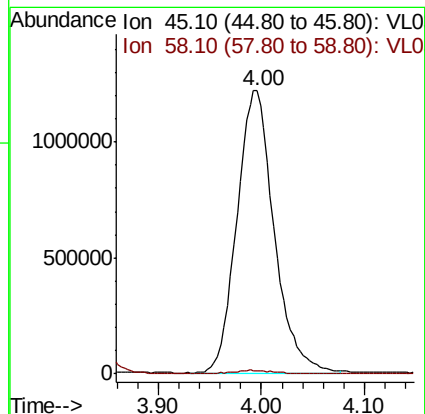
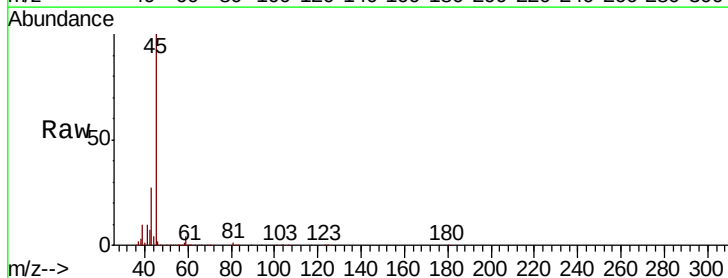
Tot Ion: 59 Resp: 11732
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

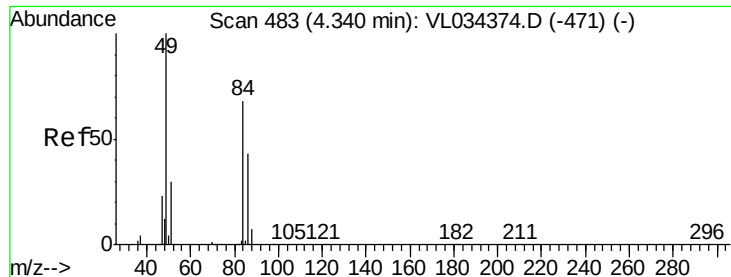


#19

Isopropyl Alcohol
Concen: 34.182 ppbv
RT: 4.00 min Scan# 376
Delta R.T. 0.04 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

Tgt Ion: 45 Resp: 3050722
Ion Ratio Lower Upper
45 100
58 1.3 1.3 1.9

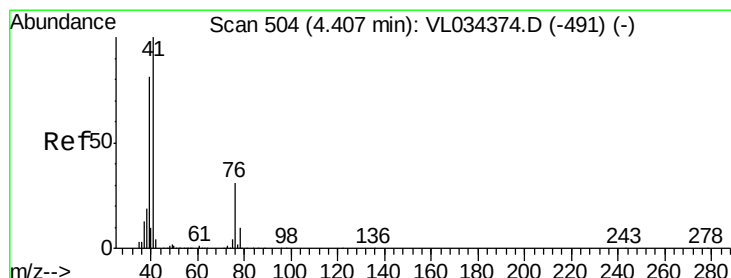
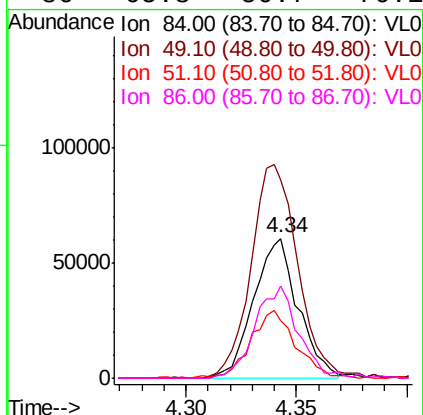
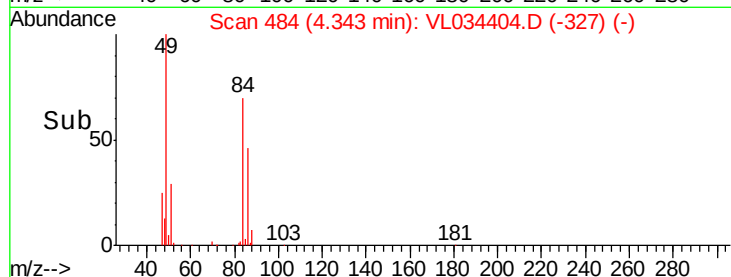
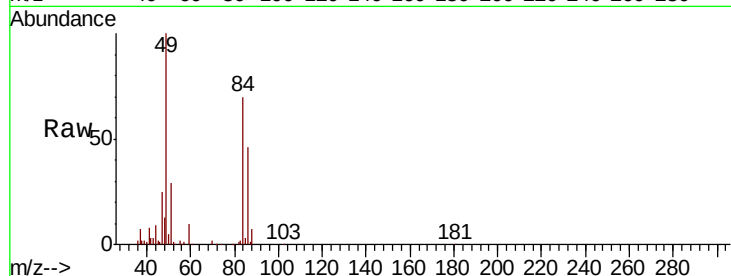




#20
Methvlene Chloride
Concen: 1.713 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

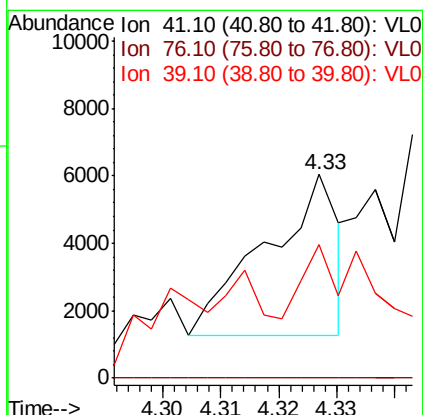
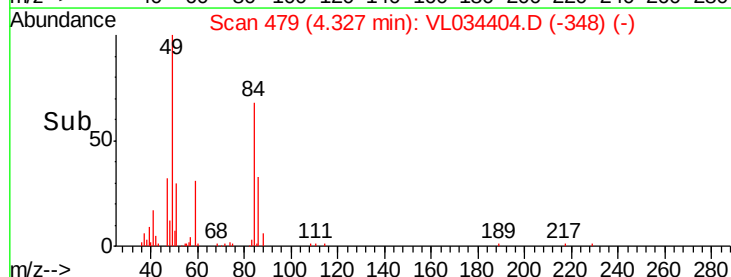
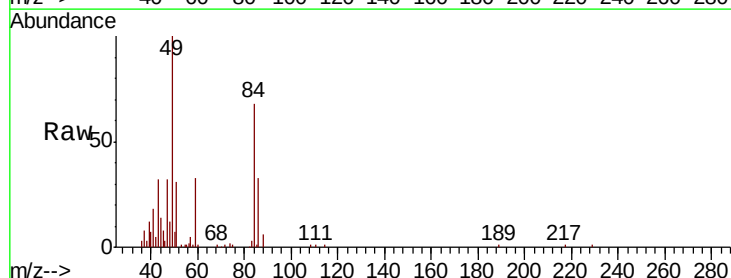
Instrument :
MSVOA_L
ClientSampleId :

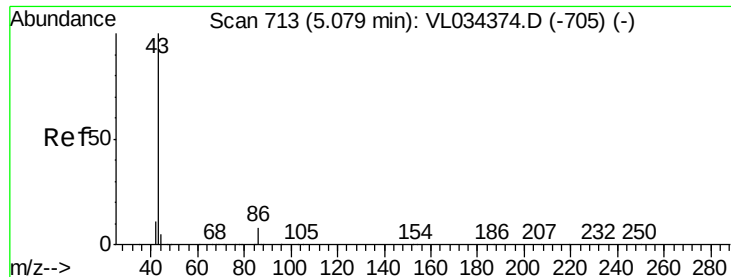
Tot Ion: 84 Resp: 84604
Ion Ratio Lower Upper
84 100
49 142.1 116.8 175.2
51 40.9 35.6 53.4
86 65.8 50.7 76.1



#21
Allyl Chloride
Concen: 0.050 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.08 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

Tgt Ion: 41 Resp: 4177
Ion Ratio Lower Upper
41 100
76 0.0 24.2 36.2#
39 225.4 66.9 100.3#





#23

Vinyl Acetate

Concen: 0.390 ppbv

RT: 5.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VL034404.D

Acq: 25 Nov 2019 13:43

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 70886

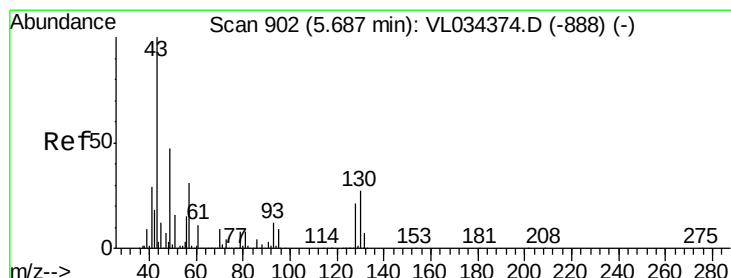
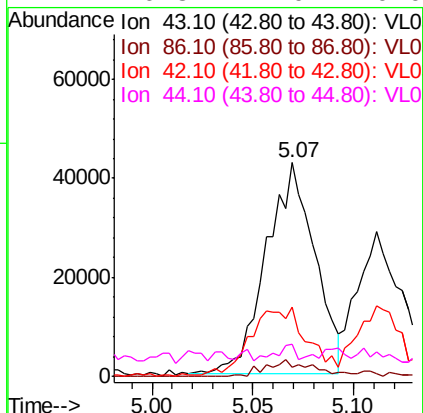
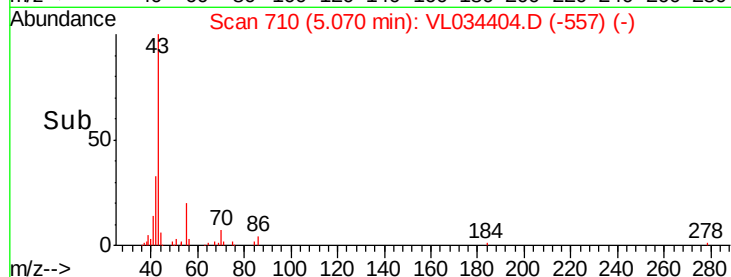
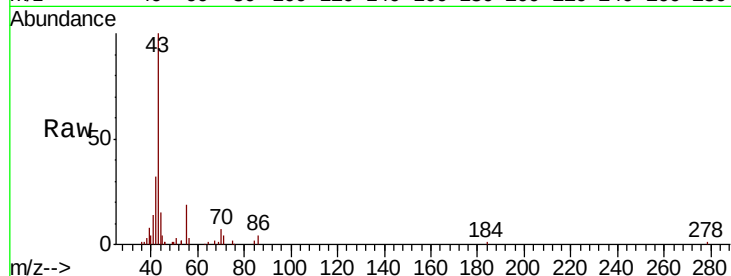
Ion Ratio Lower Upper

43 100

86 4.2 5.8 8.6#

42 31.9 8.9 13.3#

44 6.8 4.0 6.0#



#25

Ethyl Acetate

Concen: 1.893 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.00 min

Lab File: VL034404.D

Acq: 25 Nov 2019 13:43

Tgt Ion: 43 Resp: 470372

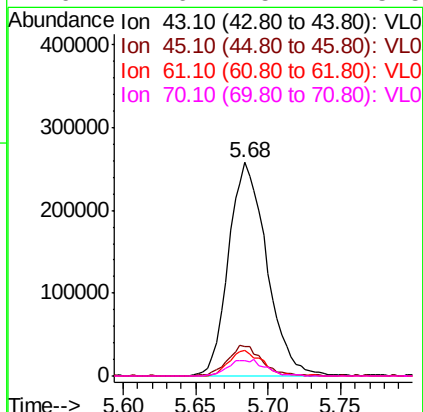
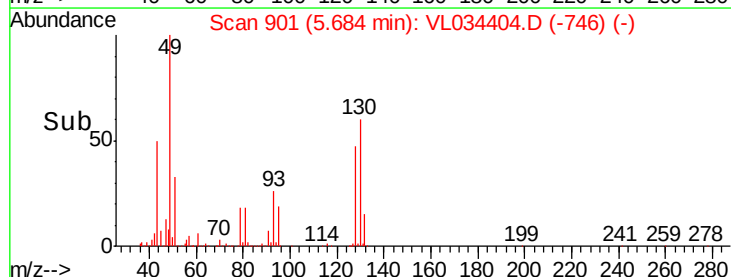
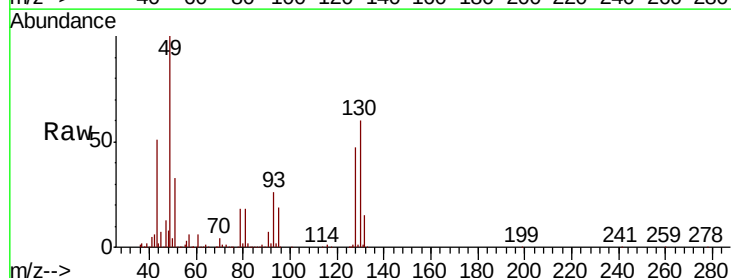
Ion Ratio Lower Upper

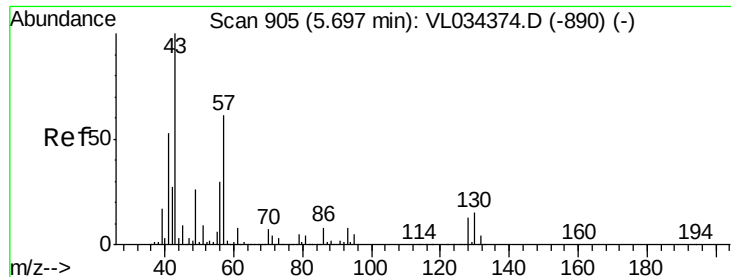
43 100

45 12.8 8.2 12.4#

61 10.6 7.5 11.3

70 7.6 5.7 8.5

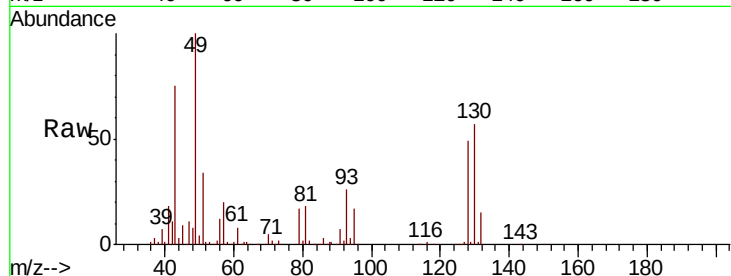




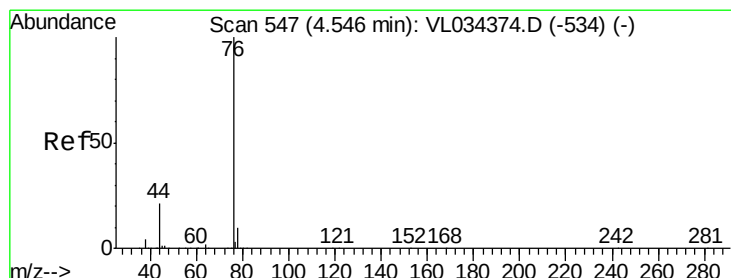
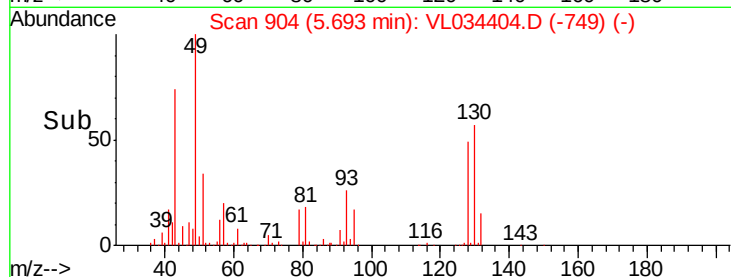
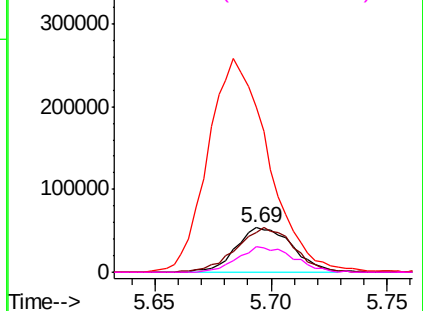
#26
Hexane
Concen: 0.854 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 91129
Ion Ratio Lower Upper
57 100
41 105.8 75.0 112.4
43 519.4 186.6 279.8#
56 58.0 41.5 62.3

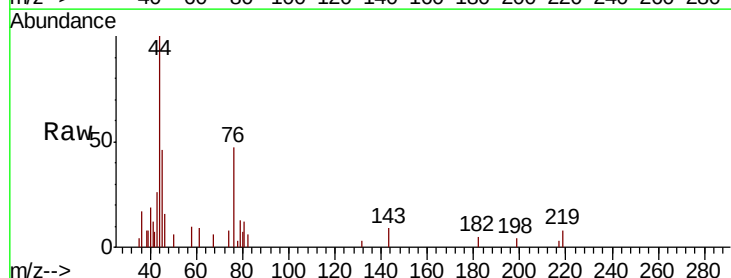


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

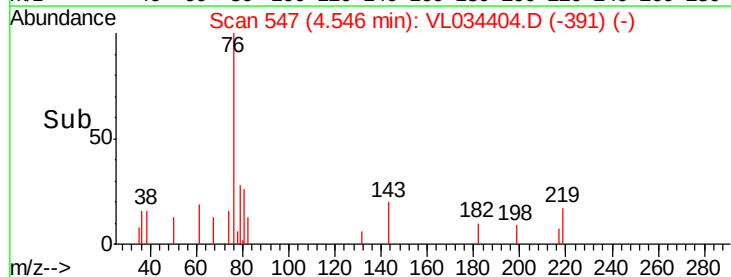
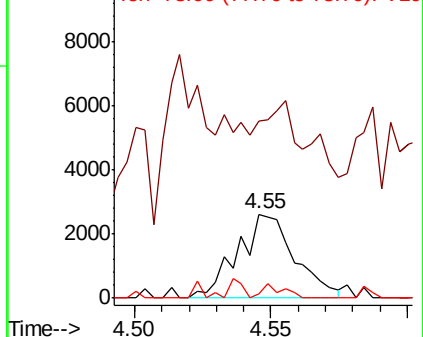


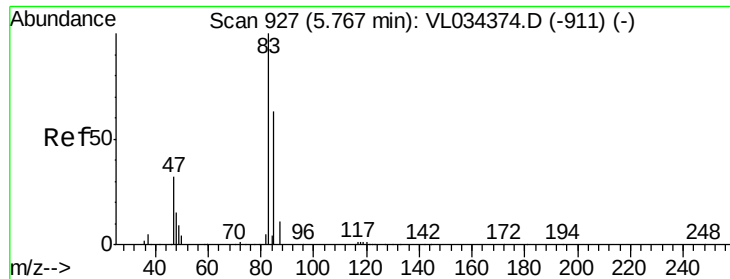
#27
Carbon Disulfide
Concen: 0.033 ppbv
RT: 4.55 min Scan# 547
Delta R.T. 0.00 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

Tgt Ion: 76 Resp: 3802
Ion Ratio Lower Upper
76 100
44 269.1 17.0 25.4#
78 8.9 7.6 11.4



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

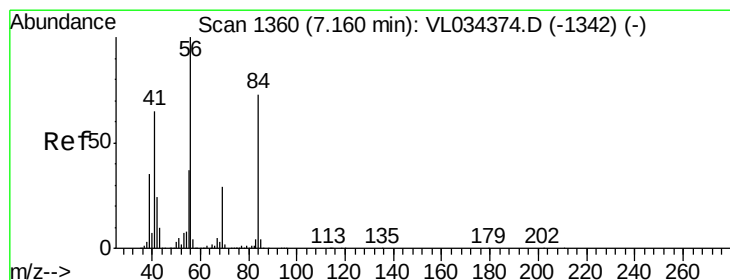
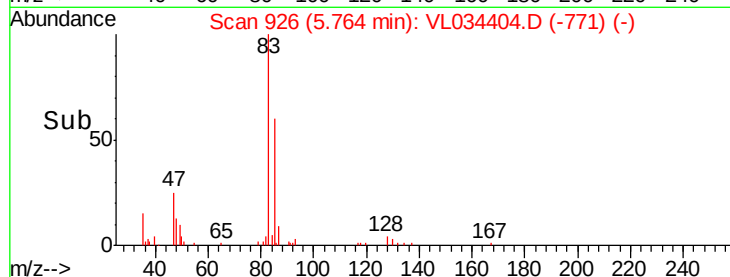
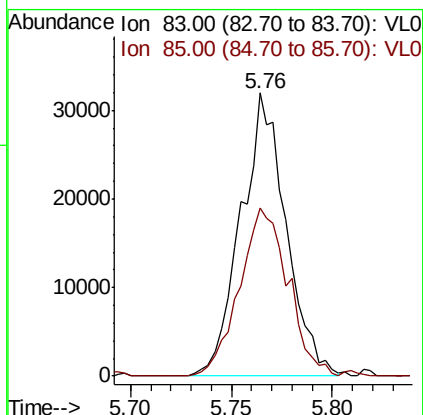
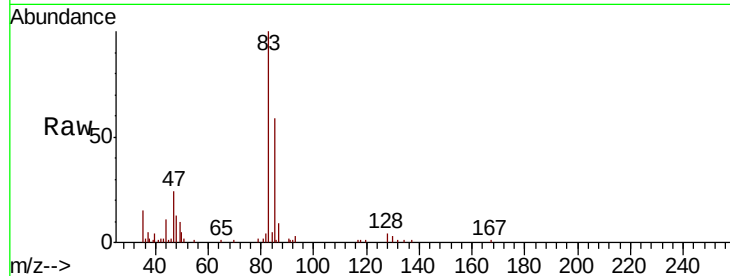




#29
Chloroform
Concen: 0.290 ppbv
RT: 5.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

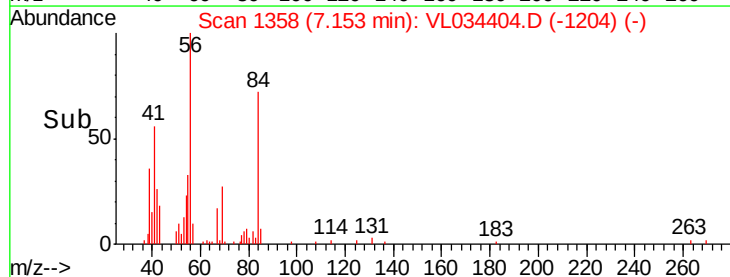
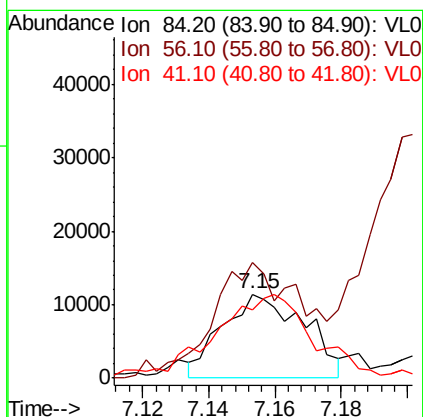
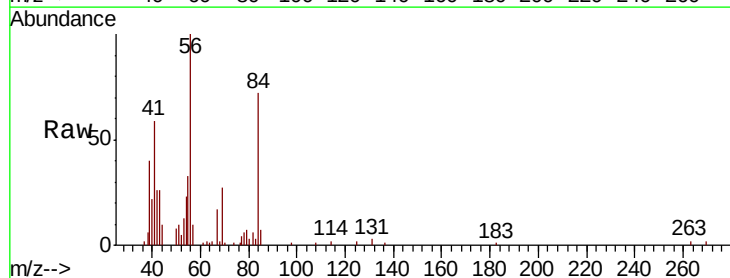
Instrument :
MSVOA_L
ClientSampleId :

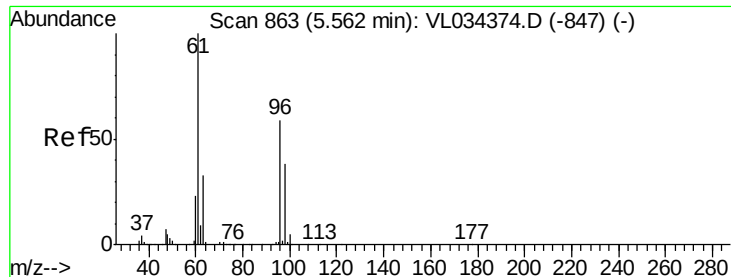
Tot Ion: 83 Resp: 50105
Ion Ratio Lower Upper
83 100
85 59.2 50.4 75.6



#30
Cyclohexane
Concen: 0.240 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

Tgt Ion: 84 Resp: 19348
Ion Ratio Lower Upper
84 100
56 145.4 112.6 169.0
41 123.2 73.4 110.2#



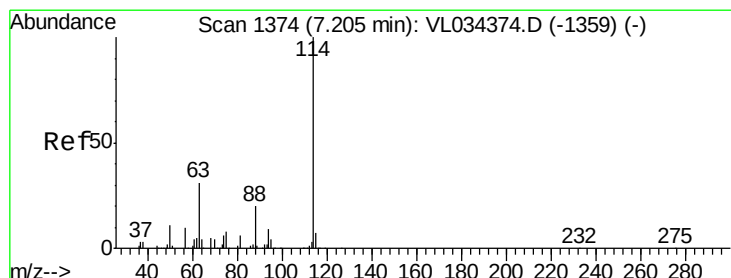
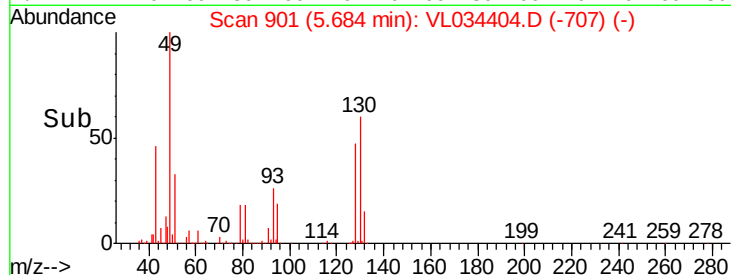
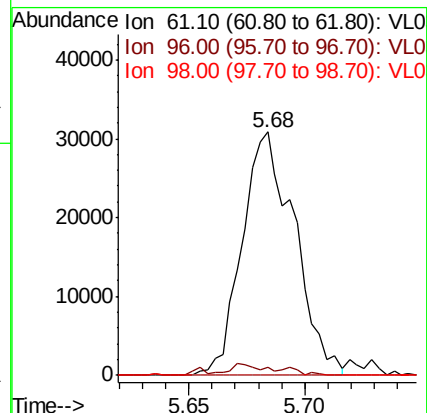
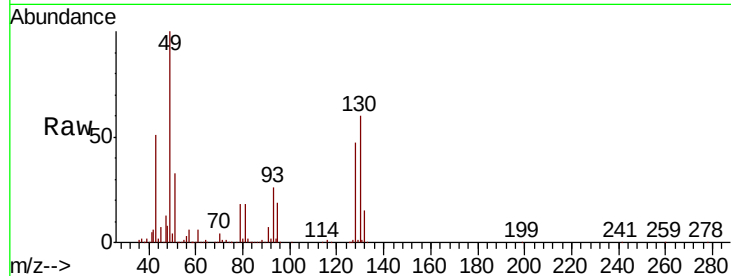


#31

cis-1,2-Dichloroethene
 Concen: 0.439 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T. 0.12 min
 Lab File: VL034404.D
 Acq: 25 Nov 2019 13:43

Instrument :
 MSVOA_L
 ClientSampleId :

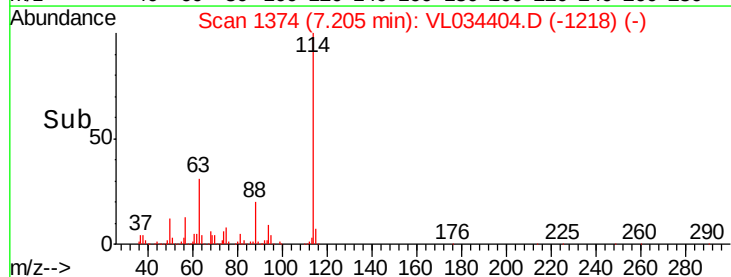
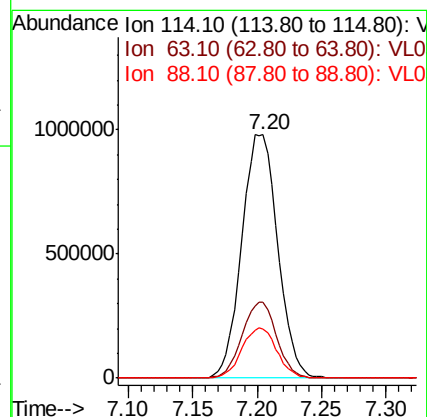
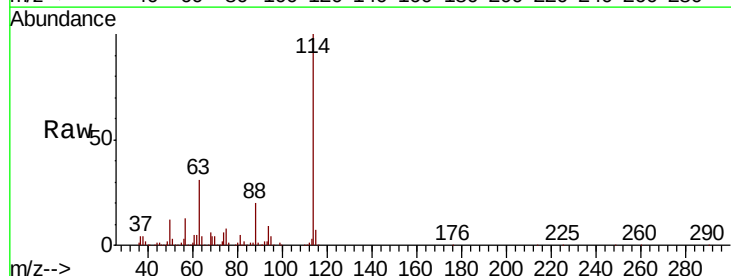
Tot Ion	Ratio	Lower	Upper
61	100		
96	3.4	47.4	71.2#
98	0.0	30.6	45.8#

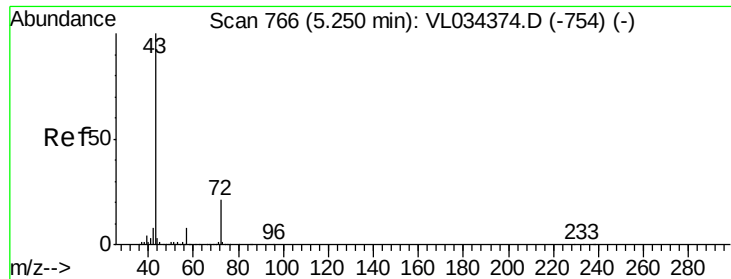


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: VL034404.D
 Acq: 25 Nov 2019 13:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	30.0	24.2	36.4
88	20.1	15.9	23.9





#34

2-Butanone

Concen: 0.515 ppbv

RT: 5.25 min Scan# 767

Delta R.T. 0.00 min

Lab File: VL034404.D

Acq: 25 Nov 2019 13:43

Instrument :

MSVOA_L

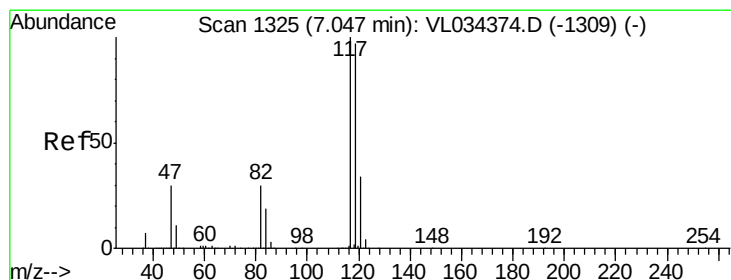
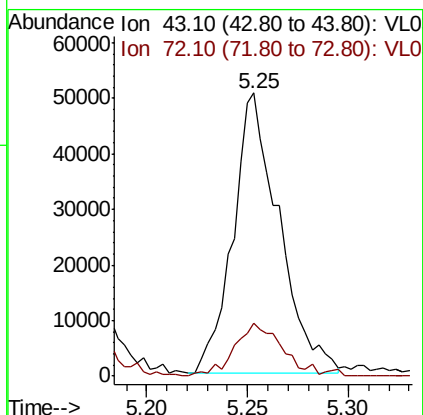
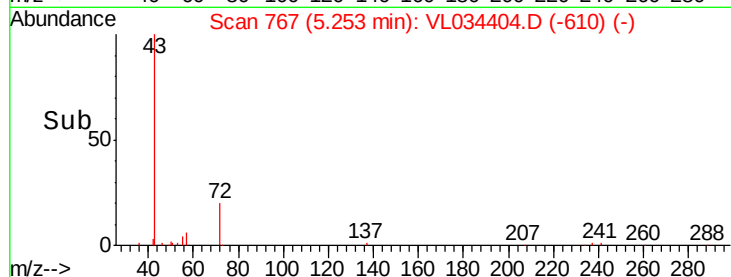
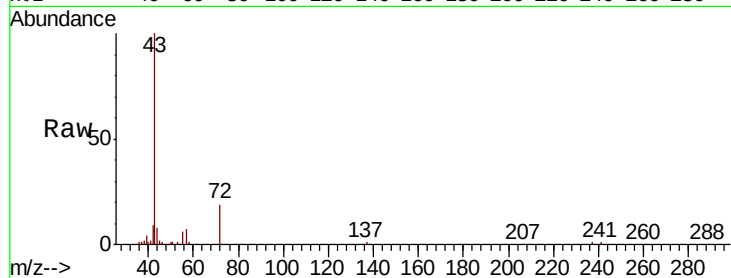
ClientSampleId :

Tot Ion: 43 Resp: 80882

Ion Ratio Lower Upper

43 100

72 20.0 17.0 25.6



#35

Carbon Tetrachloride

Concen: 0.063 ppbv

RT: 7.05 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VL034404.D

Acq: 25 Nov 2019 13:43

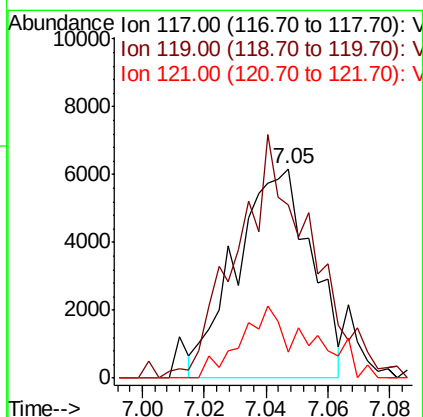
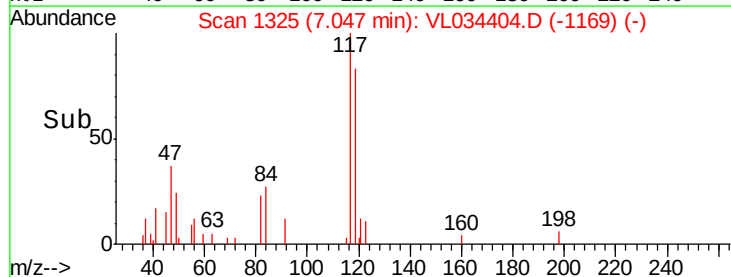
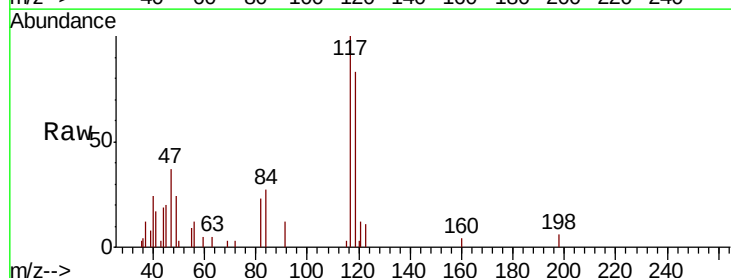
Tgt Ion: 117 Resp: 10410

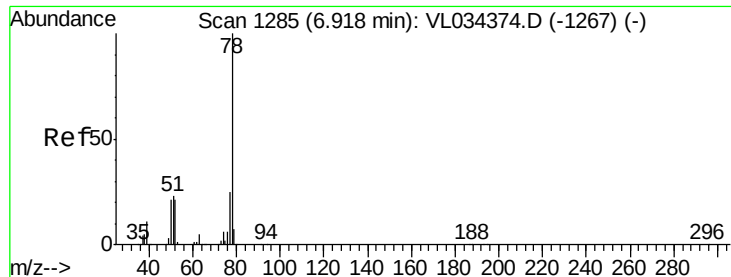
Ion Ratio Lower Upper

117 100

119 88.4 77.3 115.9

121 13.7 27.4 41.2#

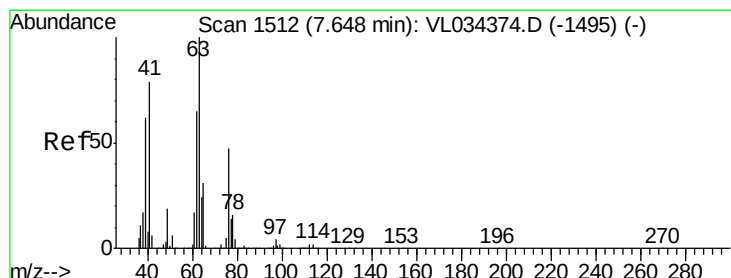
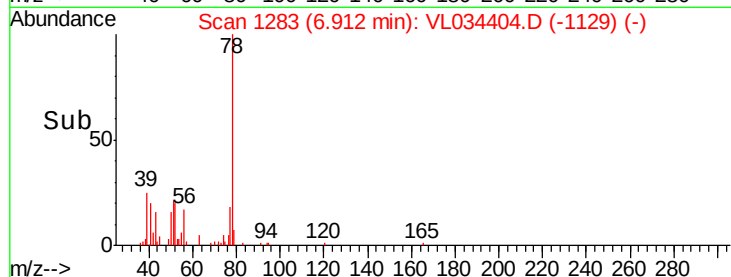
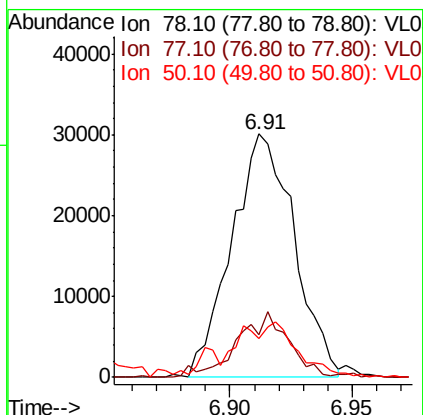
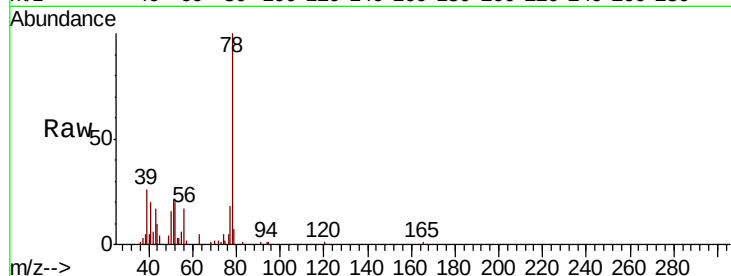




#36
Benzene
Concen: 0.281 ppbv
RT: 6.91 min Scan# 1283
Delta R.T. -0.01 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

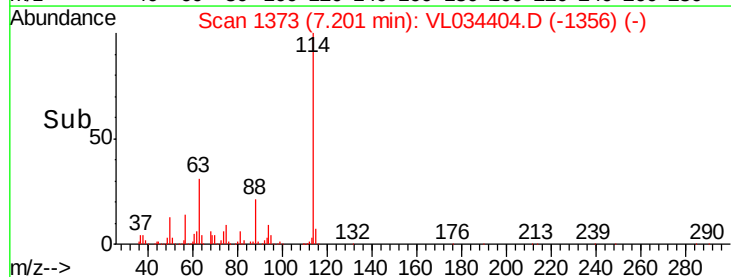
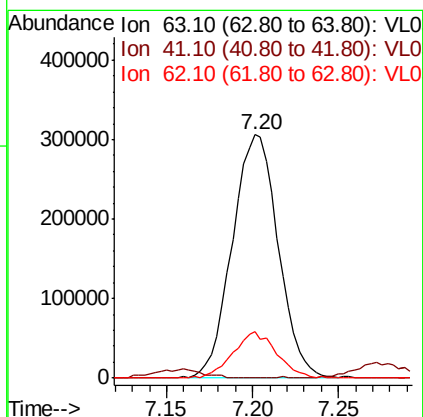
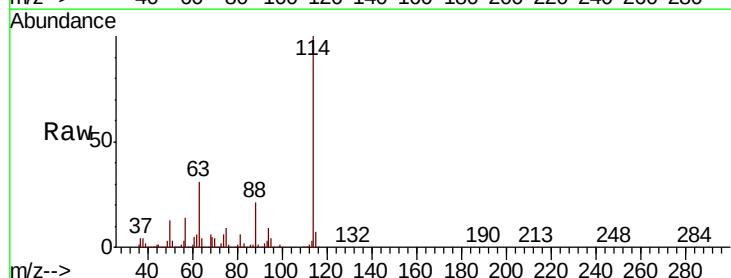
Instrument :
MSVOA_L
ClientSampleId :

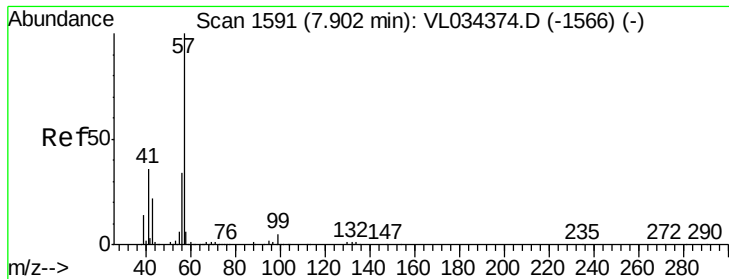
Tot Ion: 78 Resp: 53524
Ion Ratio Lower Upper
78 100
77 16.4 20.2 30.4#
50 14.9 17.1 25.7#



#39
1,2-Dichloropropane
Concen: 7.663 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.45 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

Tgt Ion: 63 Resp: 562879
Ion Ratio Lower Upper
63 100
41 0.0 63.1 94.7#
62 18.8 52.3 78.5#

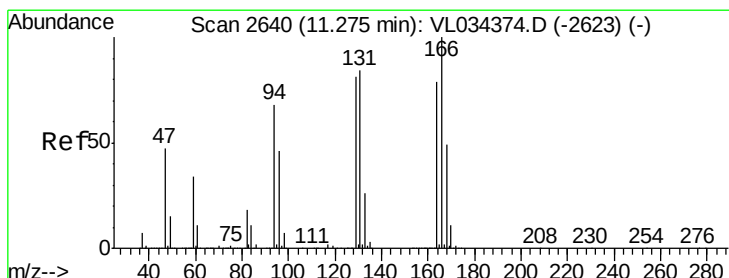
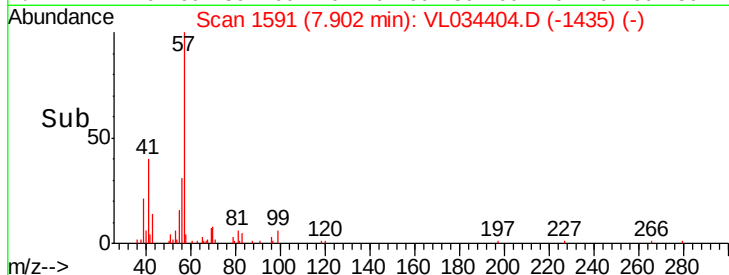
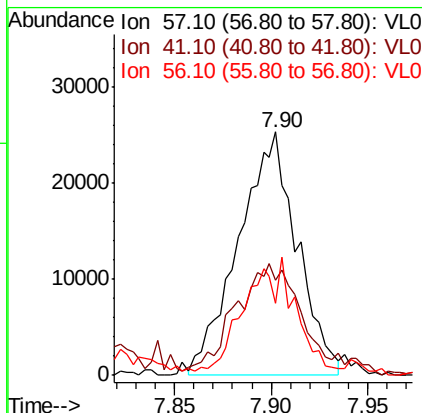
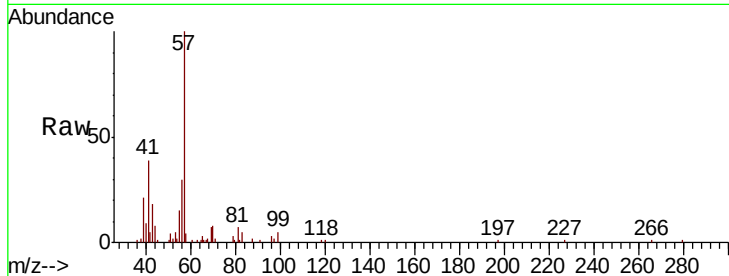




#44
 2,2,4-Trimethylpentane
 Concen: 0.153 ppbv
 RT: 7.90 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: VL034404.D
 Acq: 25 Nov 2019 13:43

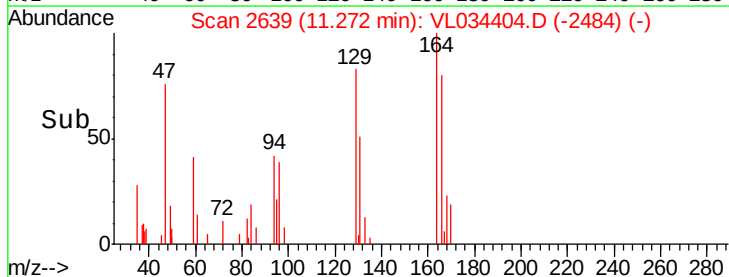
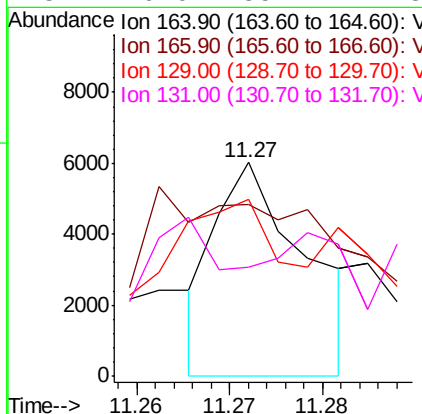
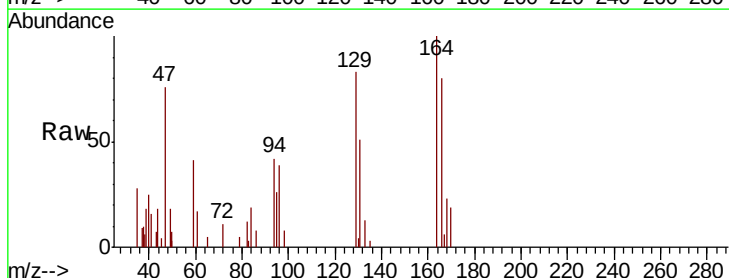
Instrument :
 MSVOA_L
 ClientSampleId :

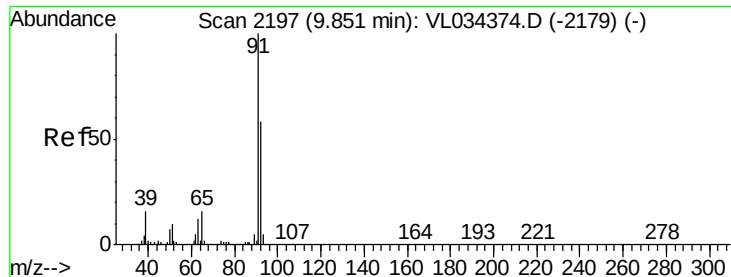
Tot Ion	57	Resp	53213
Ion Ratio	100	Lower	Upper
41	52.9	28.6	42.8#
56	45.5	25.3	37.9#



#52
 Tetrachloroethene
 Concen: 0.049 ppbv
 RT: 11.27 min Scan# 2639
 Delta R.T. -0.00 min
 Lab File: VL034404.D
 Acq: 25 Nov 2019 13:43

Tgt Ion	164	Resp	4065
Ion Ratio	100	Lower	Upper
166	34.6	101.7	152.5#
129	21.9	82.6	123.8#
131	0.0	85.2	127.8#





#53

Toluene

Concen: 3.441 ppbv

RT: 9.85 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VL034404.D

Acq: 25 Nov 2019 13:43

Instrument :

MSVOA_L

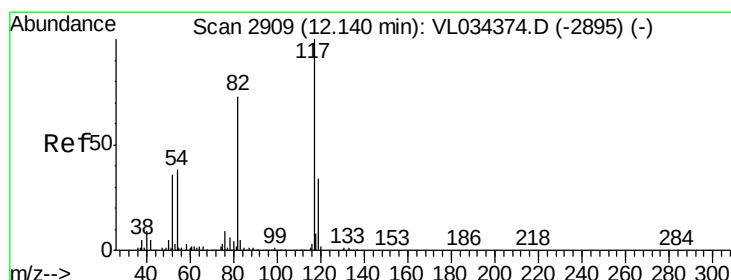
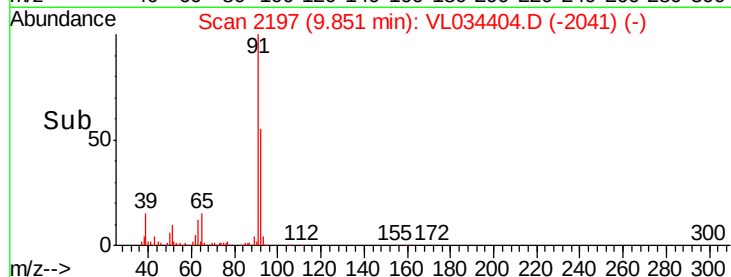
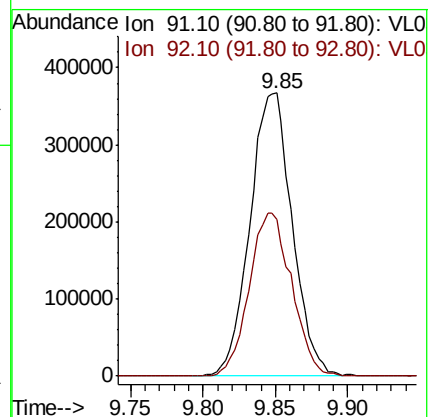
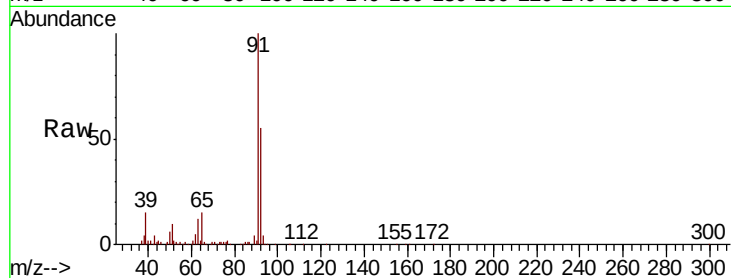
ClientSampleId :

Tot Ion: 91 Resp: 745191

Ion Ratio Lower Upper

91 100

92 57.9 47.9 71.9



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.14 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VL034404.D

Acq: 25 Nov 2019 13:43

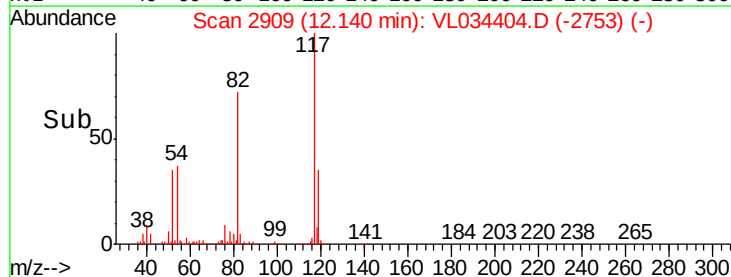
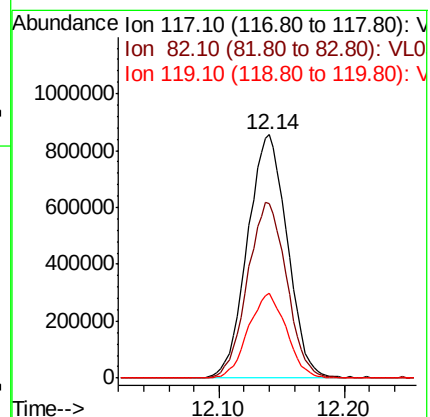
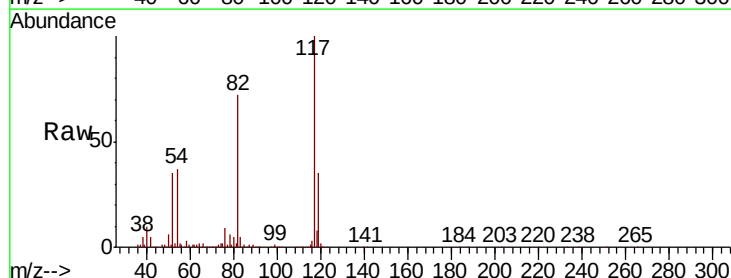
Tgt Ion: 117 Resp: 1886615

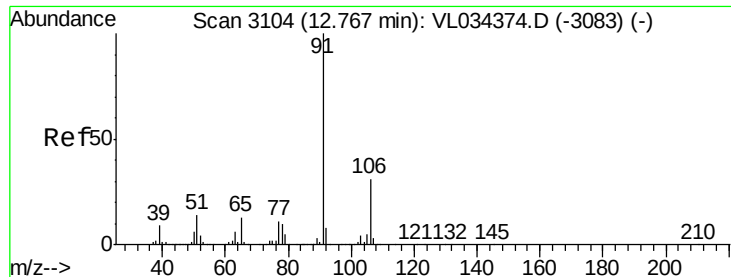
Ion Ratio Lower Upper

117 100

82 71.0 57.5 86.3

119 33.5 25.4 38.2

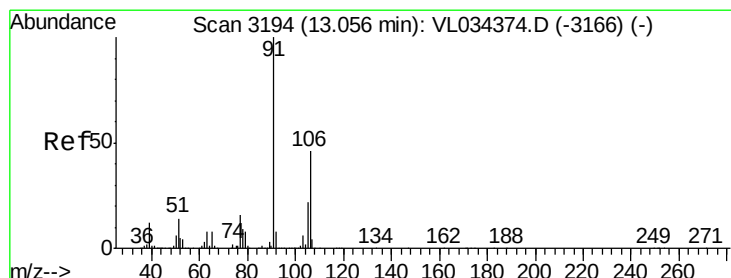
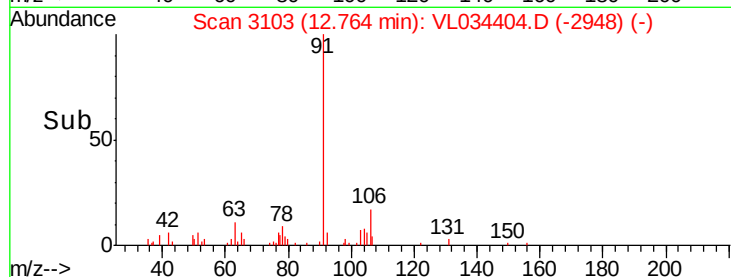
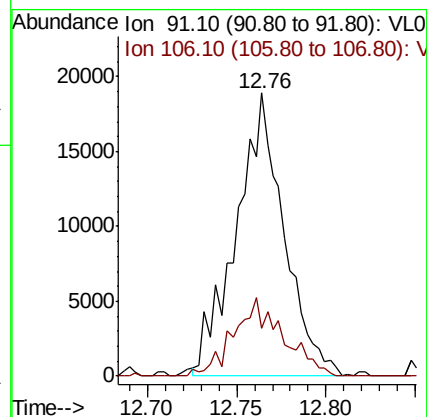
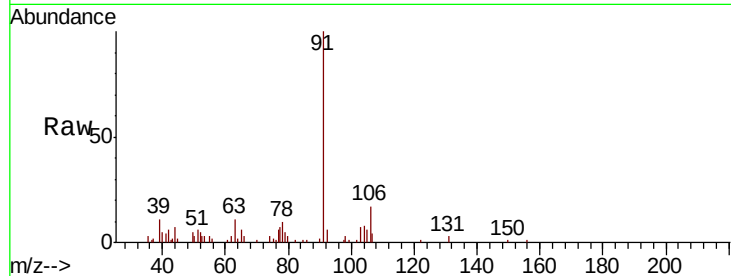




#58
Ethyl Benzene
Concen: 0.121 ppbv
RT: 12.76 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

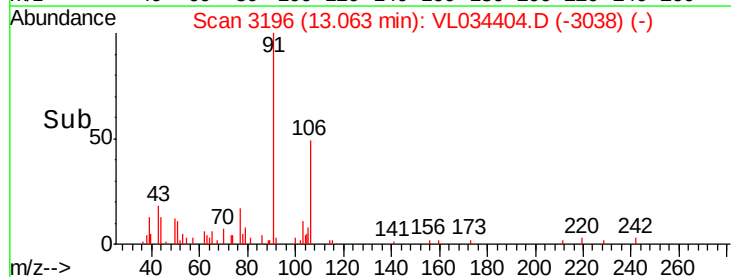
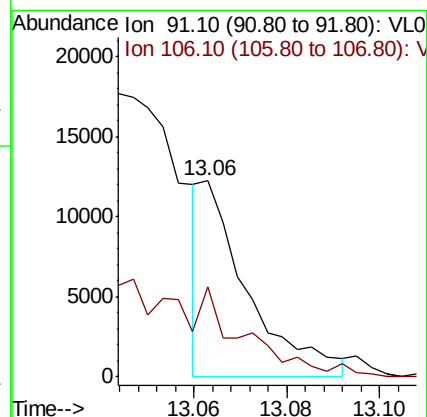
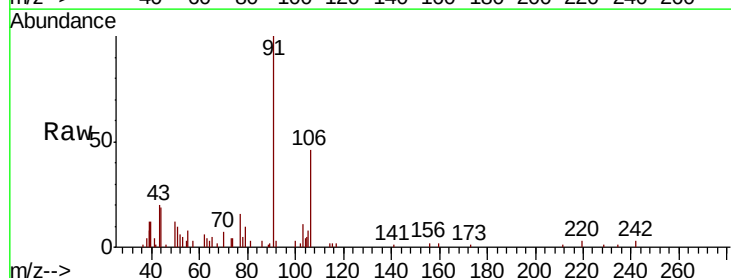
Instrument :
MSVOA_L
ClientSampleId :

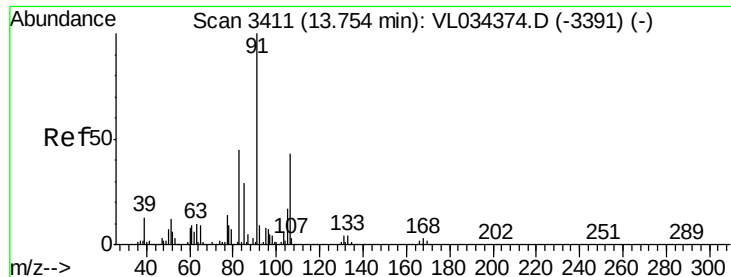
Tot Ion: 91 Resp: 35459
Ion Ratio Lower Upper
91 100
106 21.3 24.8 37.2#



#59
m/p-Xylene
Concen: 0.034 ppbv
RT: 13.06 min Scan# 3196
Delta R.T. 0.01 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

Tgt Ion: 91 Resp: 8532
Ion Ratio Lower Upper
91 100
106 0.0 34.6 51.8#

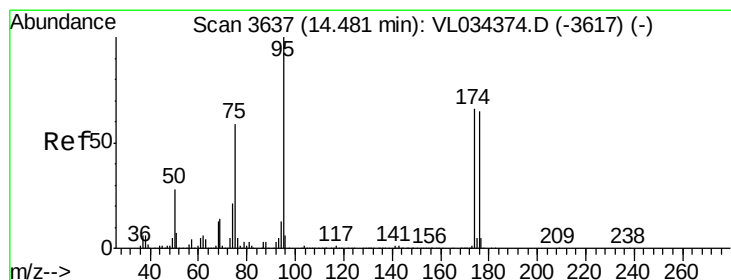
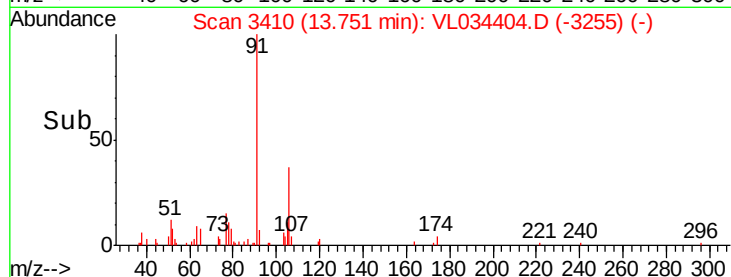
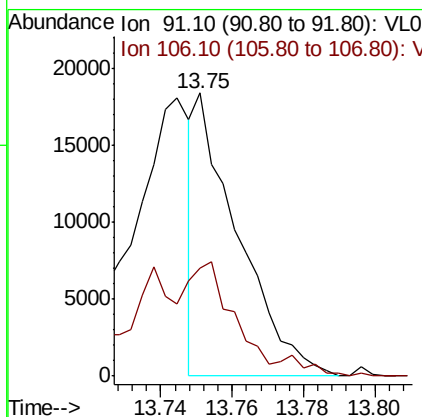
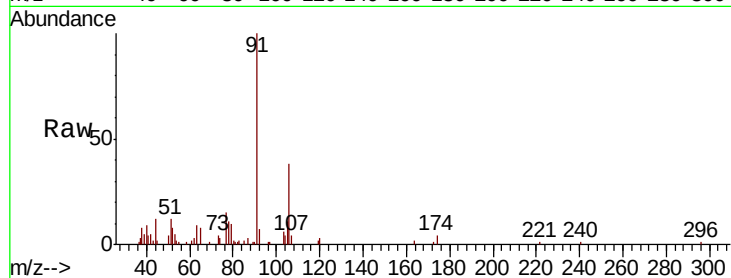




#60
o-Xylene
Concen: 0.061 ppbv
RT: 13.75 min Scan# 3410
Delta R.T. -0.00 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

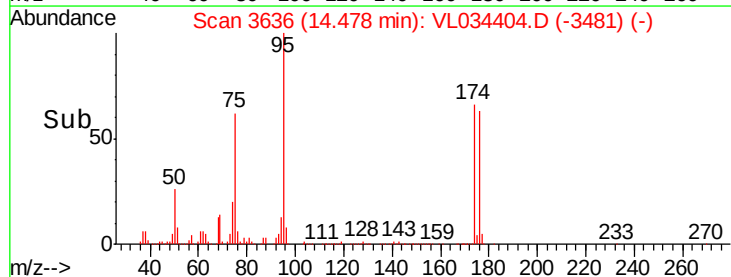
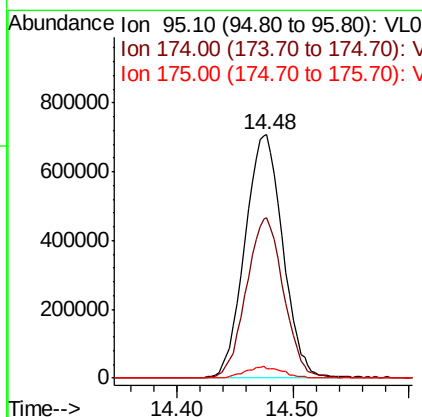
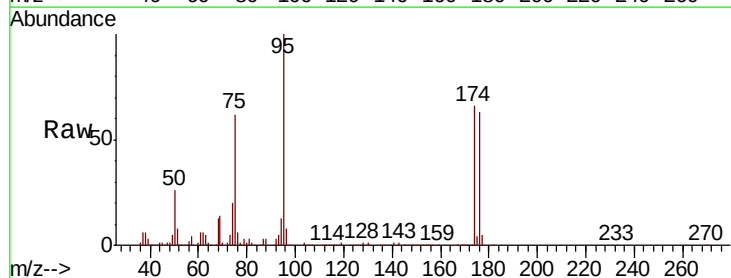
Instrument :
MSVOA_L
ClientSampleId :

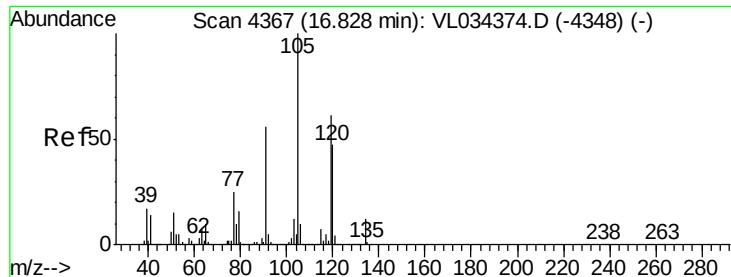
Tot Ion: 91 Resp: 15345
Ion Ratio Lower Upper
91 100
106 93.8 21.3 64.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.145 ppbv
RT: 14.48 min Scan# 3636
Delta R.T. -0.00 min
Lab File: VL034404.D
Acq: 25 Nov 2019 13:43

Tgt Ion: 95 Resp: 1610221
Ion Ratio Lower Upper
95 100
174 65.0 52.2 78.2
175 4.7 3.8 5.8





#74

1,2,4-Trimethylbenzene

Concen: 0.050 ppbv

RT: 16.83 min Scan# 4367

Delta R.T. 0.00 min

Lab File: VL034404.D

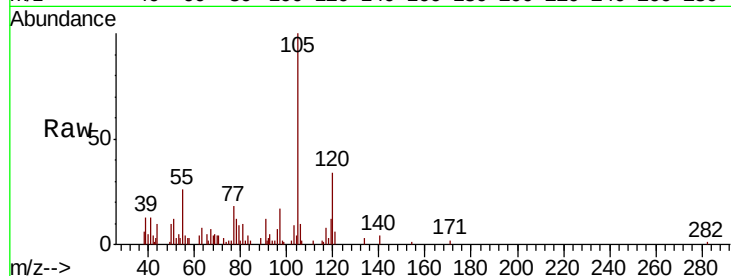
Acq: 25 Nov 2019 13:43

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	14996
Ion	Ratio	Lower	Upper
105	100		
120	30.9	37.4	56.0#
91	10.9	46.3	69.5#
77	13.3	20.6	30.8#



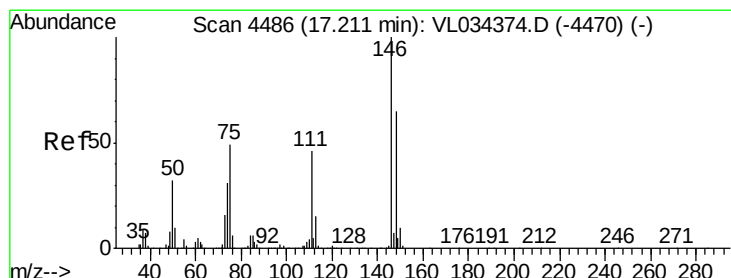
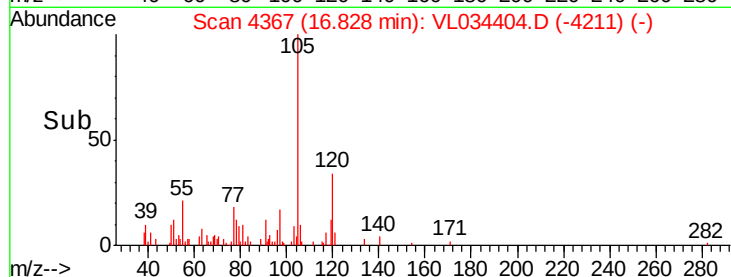
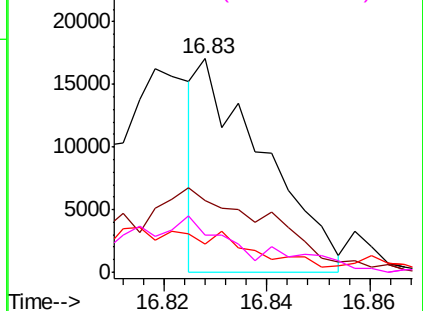
Abundance

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



#76

1,4-Dichlorobenzene

Concen: 0.411 ppbv

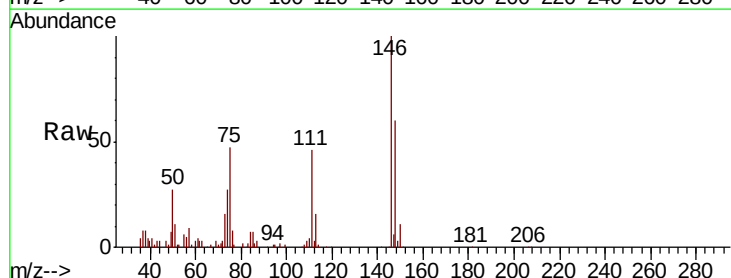
RT: 17.21 min Scan# 4485

Delta R.T. -0.00 min

Lab File: VL034404.D

Acq: 25 Nov 2019 13:43

Tgt Ion:	146	Resp:	69006
Ion	Ratio	Lower	Upper
146	100		
111	103.8	24.1	72.3#
148	0.0	32.9	98.6#

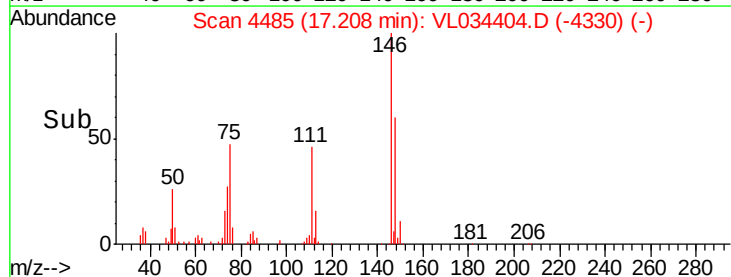
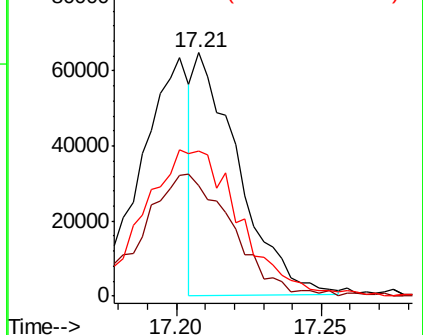


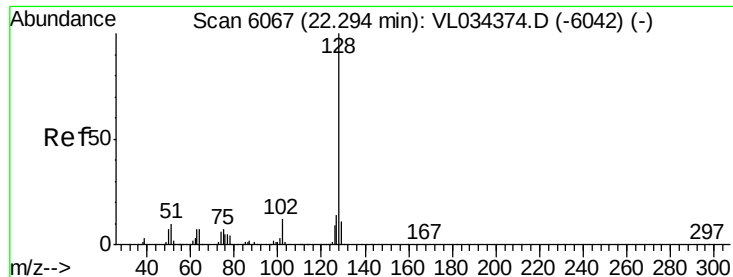
Abundance

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





#79

Naphthalene

Concen: 0.034 ppbv

RT: 22.29 min Scan# 6067

Delta R.T. 0.00 min

Lab File: VL034404.D

Acq: 25 Nov 2019 13:43

Instrument :

MSVOA_L

ClientSampleId :

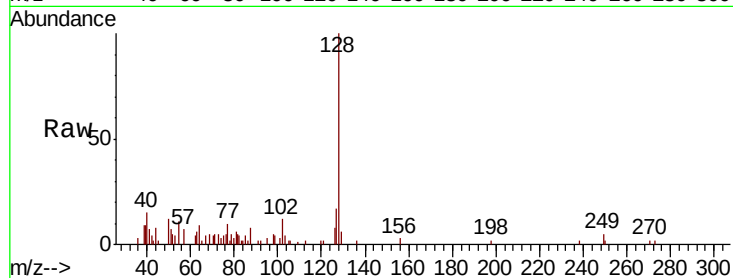
Tot Ion:128 Resp: 8962

Ion Ratio Lower Upper

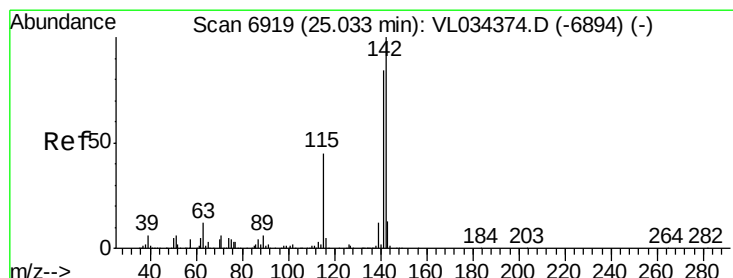
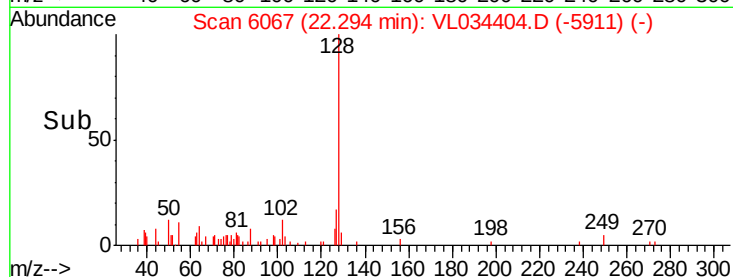
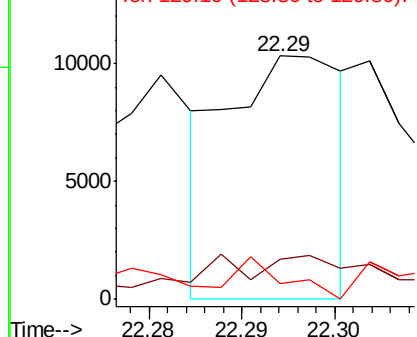
128 100

127 42.9 11.0 16.6#

129 28.8 8.9 13.3#



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



#80

Naphthalene, 2-methyl-

Concen: 0.052 ppbv

RT: 25.04 min Scan# 6920

Delta R.T. 0.00 min

Lab File: VL034404.D

Acq: 25 Nov 2019 13:43

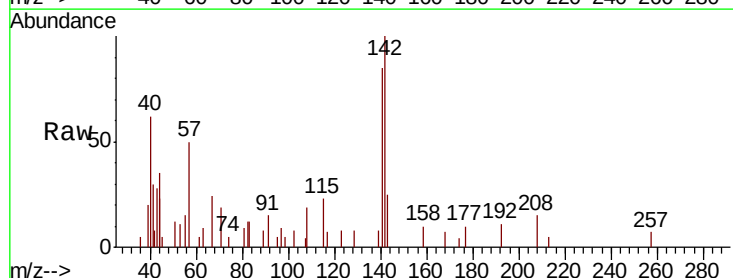
Tgt Ion:142 Resp: 6075

Ion Ratio Lower Upper

142 100

141 115.4 67.1 100.7#

115 71.3 36.6 54.8#



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V

