

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120219\
 Data File : VL034446.D
 Acq On : 3 Dec 2019 3:54
 Operator : SY/AP
 Sample : K6097-04
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3A

Quant Time: Dec 03 05:57:45 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	5.69	49	750572	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1462989	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	1422485	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1229631	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

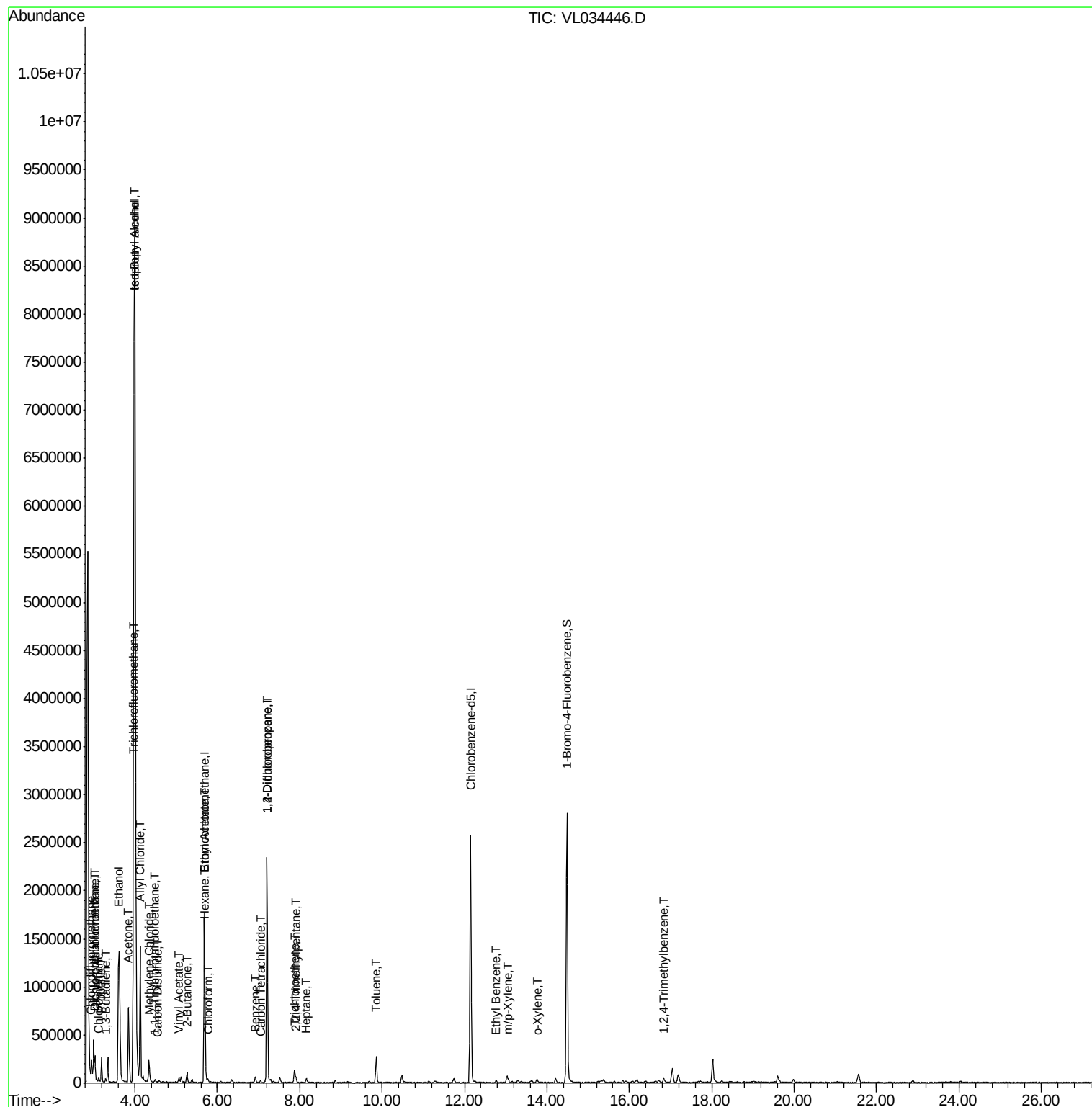
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.03	85	169869	1.251	ppbv	94
3) Chlorodifluoromethane	2.94	51	145136	1.550	ppbv #	70
4) Chloromethane	3.12	50	25585	0.463	ppbv	100
8) Dichlorotetrafluoroethane	3.03	85	169869	1.393	ppbv #	20
9) Propene	3.19	41	61156	1.471	ppbv	99
10) Heptane	8.16	43	6287	0.059	ppbv #	1
11) Trichlorofluoromethane	3.95	101	36631	0.271	ppbv #	78
12) 1,1,2-Trichlorotrifluoroet	4.48	101	3696	0.041	ppbv #	14
13) Ethanol	3.61	45	1073822	92.718	ppbv #	18
15) Acetone	3.84	43	780179	7.259	ppbv	98
16) 1,3-Butadiene	3.29	39	12659	0.270	ppbv #	9
17) tert-Butyl alcohol	3.99	59	906109	10.030	ppbv #	94
19) Isopropyl Alcohol	3.99	45	13962093	202.668	ppbv #	99
20) Methylene Chloride	4.35	84	67352	1.767	ppbv	90
21) Allyl Chloride	4.13	41	383752	5.959	ppbv #	49
23) Vinyl Acetate	5.07	43	11071	0.079	ppbv #	22
25) Ethyl Acetate	5.70	43	57418	0.299	ppbv #	94
26) Hexane	5.71	57	64203	0.779	ppbv #	67
27) Carbon Disulfide	4.55	76	4284	0.048	ppbv #	65
29) Chloroform	5.77	83	7990	0.060	ppbv	86
34) 2-Butanone	5.26	43	116607	0.968	ppbv	95
35) Carbon Tetrachloride	7.05	117	4186	0.033	ppbv #	35
36) Benzene	6.92	78	37043	0.253	ppbv #	89
38) Trichloroethene	7.88	130	35817	0.597	ppbv	89
39) 1,2-Dichloropropane	7.20	63	434639	7.714	ppbv #	23
44) 2,2,4-Trimethylpentane	7.91	57	35708	0.134	ppbv #	83
53) Toluene	9.85	91	172546	1.039	ppbv	98
58) Ethyl Benzene	12.77	91	9551	0.043	ppbv	91
59) m/p-Xylene	13.06	91	11008	0.058	ppbv #	33
60) o-Xylene	13.76	91	22520	0.119	ppbv	98
74) 1,2,4-Trimethylbenzene	16.83	105	18543	0.082	ppbv #	77

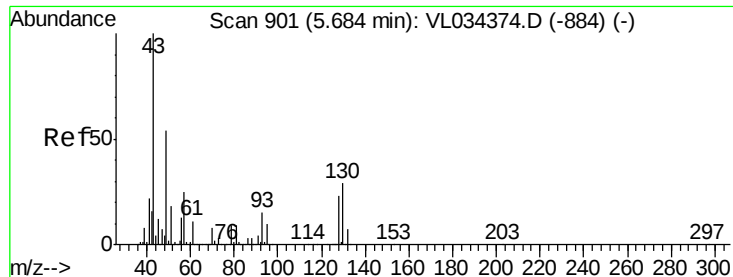
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Instrument :

MSVOA_L

ClientSampleId :

IA-3A

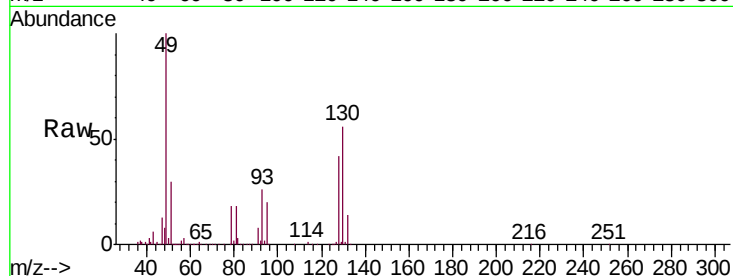
Tgt Ion: 49 Resp: 750572

Ion Ratio Lower Upper

49 100

128 42.5 21.8 65.3

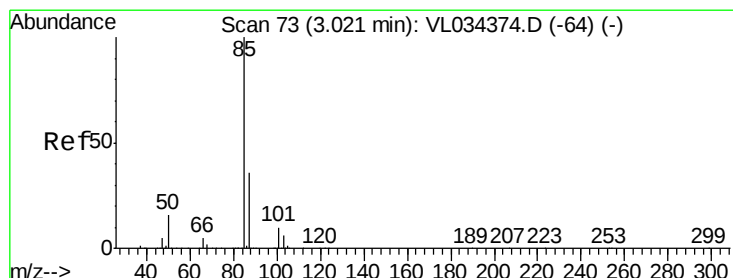
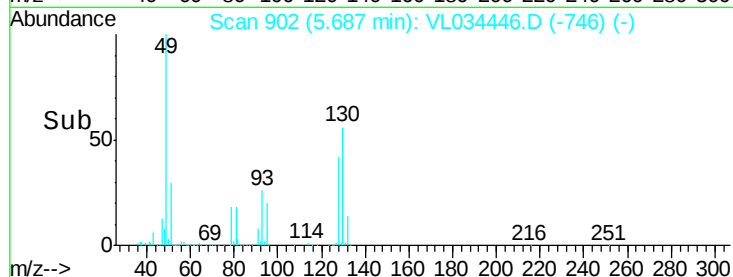
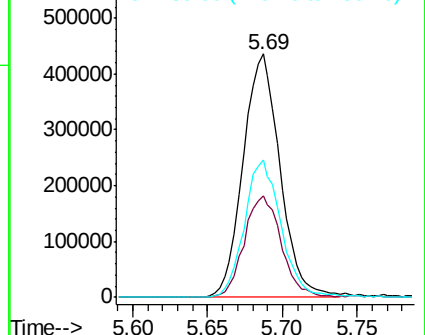
130 55.9 28.0 84.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 1.251 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.01 min

Lab File: VL034446.D

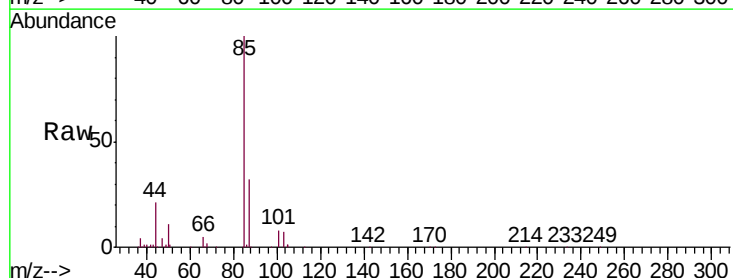
Acq: 3 Dec 2019 3:54

Tgt Ion: 85 Resp: 169869

Ion Ratio Lower Upper

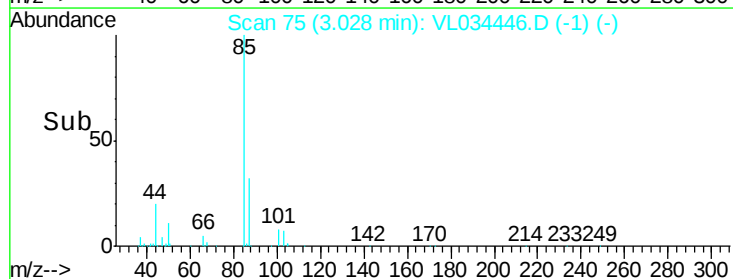
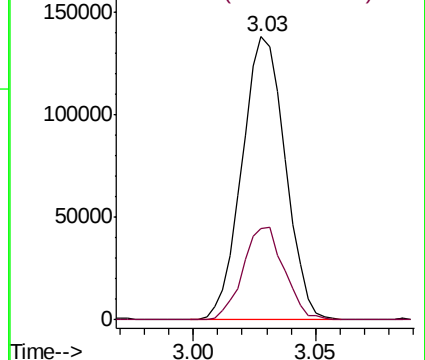
85 100

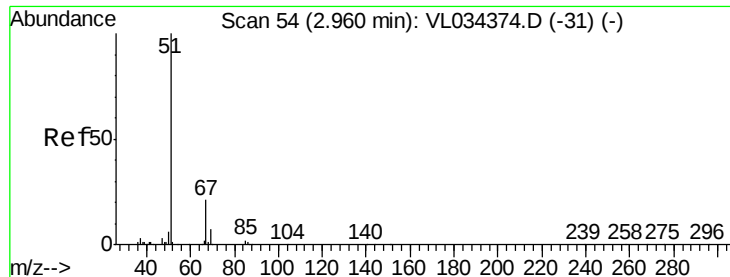
87 32.1 28.5 42.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.550 ppbv

RT: 2.94 min Scan# 48

Delta R.T. -0.02 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Instrument :

MSVOA_L

ClientSampleId :

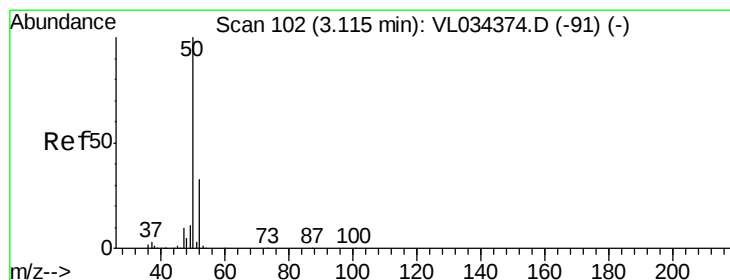
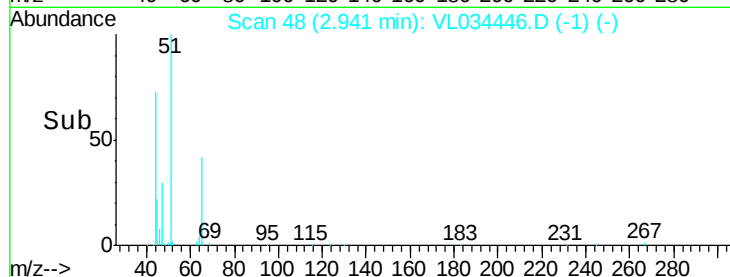
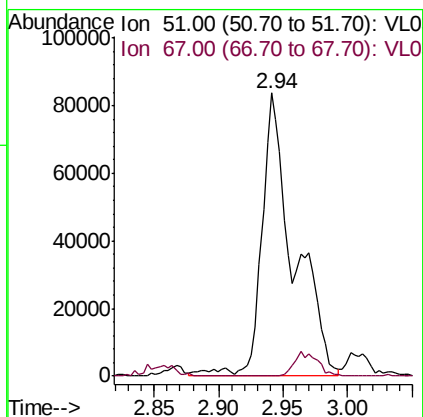
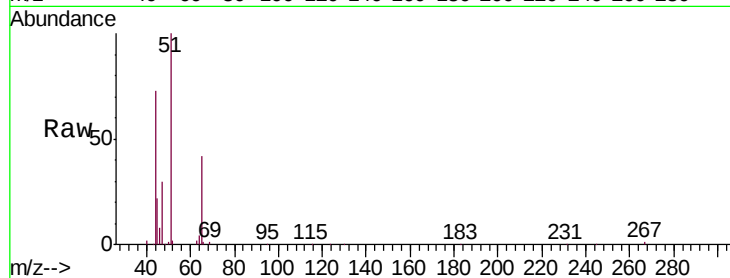
IA-3A

Tgt Ion: 51 Resp: 145136

Ion Ratio Lower Upper

51 100

67 6.2 16.2 24.2#



#4

Chloromethane

Concen: 0.463 ppbv

RT: 3.12 min Scan# 104

Delta R.T. 0.01 min

Lab File: VL034446.D

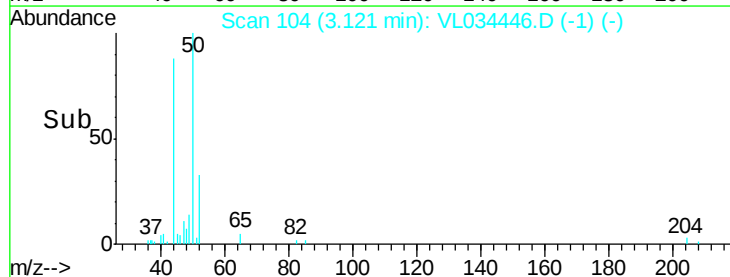
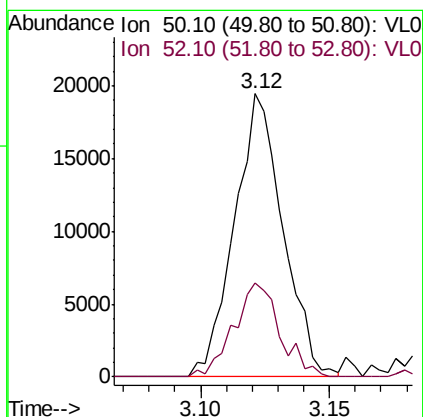
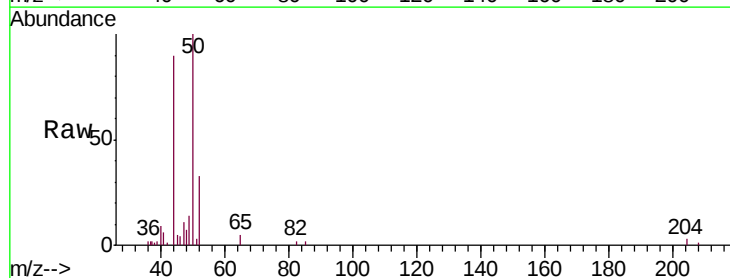
Acq: 3 Dec 2019 3:54

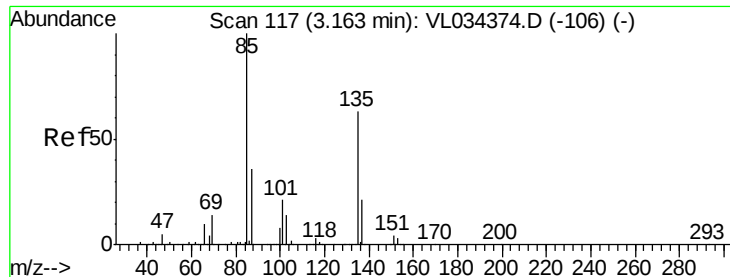
Tgt Ion: 50 Resp: 25585

Ion Ratio Lower Upper

50 100

52 33.4 26.8 40.2





#8

Dichlorotetrafluoroethane

Concen: 1.393 ppbv

RT: 3.03 min Scan# 75

Delta R.T. -0.14 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Instrument :

MSVOA_L

ClientSampleId :

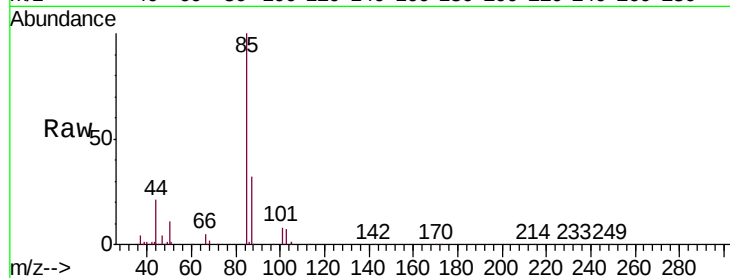
IA-3A

Tgt Ion: 85 Resp: 169869

Ion Ratio Lower Upper

85 100

135 1.0 51.1 76.7#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.03

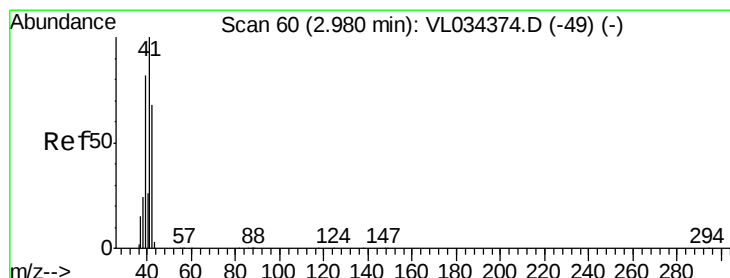
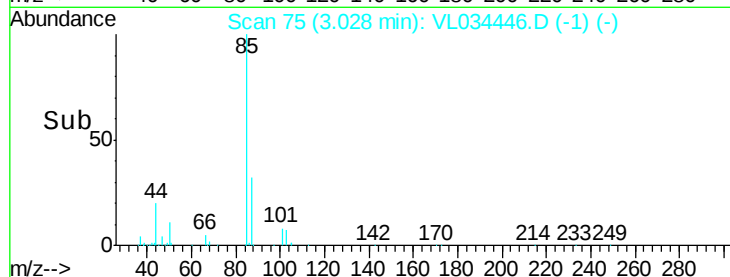
150000

100000

50000

0

Time-->



#9

Propene

Concen: 1.471 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.21 min

Lab File: VL034446.D

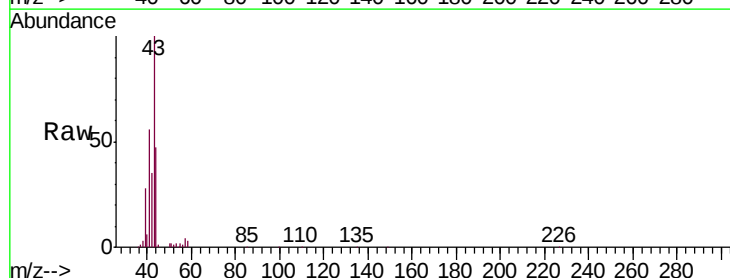
Acq: 3 Dec 2019 3:54

Tgt Ion: 41 Resp: 61156

Ion Ratio Lower Upper

41 100

42 67.2 54.6 82.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

60000

50000

40000

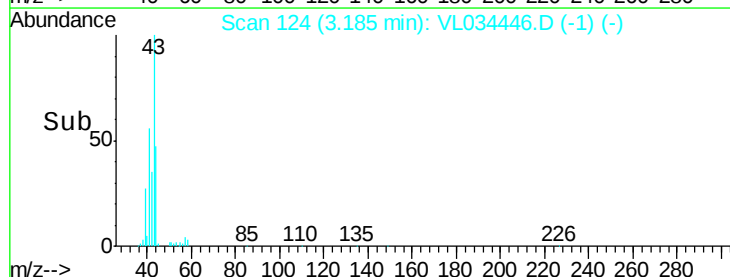
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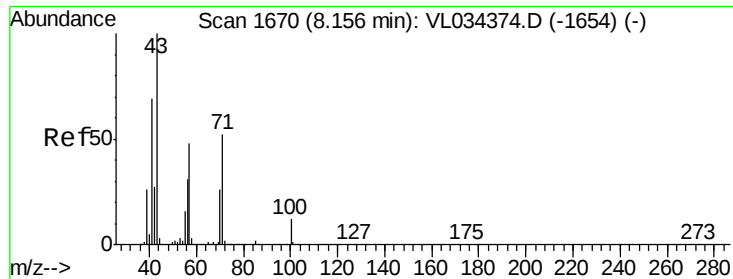
20000

10000

0

Time-->





#10

Heptane

Concen: 0.059 ppbv

RT: 8.16 min Scan# 1672

Delta R.T. 0.01 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Instrument :

MSVOA_L

ClientSampleId :

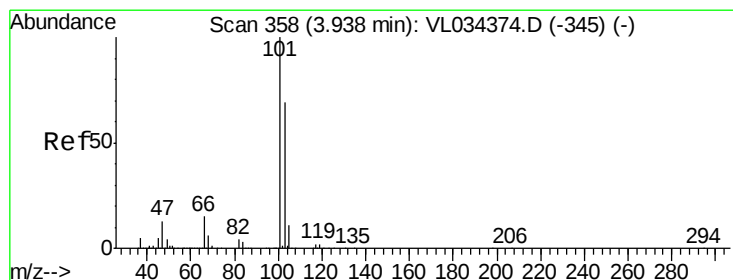
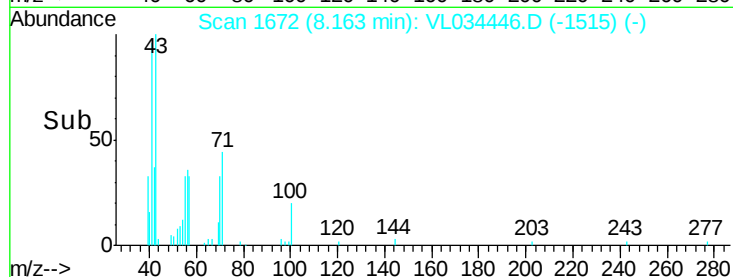
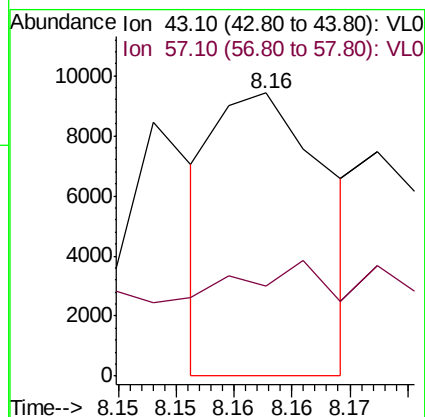
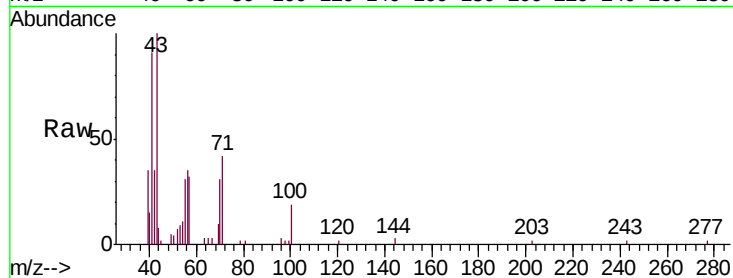
IA-3A

Tgt Ion: 43 Resp: 6287

Ion Ratio Lower Upper

43 100

57 129.5 40.2 60.2#



#11

Trichlorofluoromethane

Concen: 0.271 ppbv

RT: 3.95 min Scan# 361

Delta R.T. 0.01 min

Lab File: VL034446.D

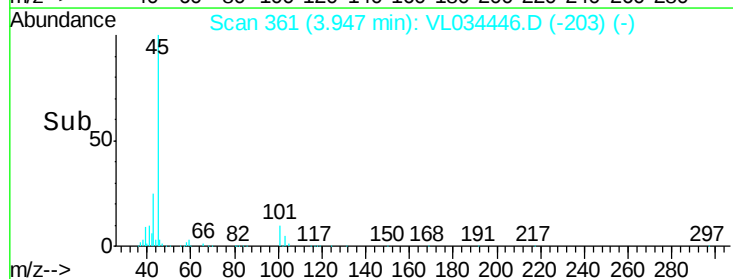
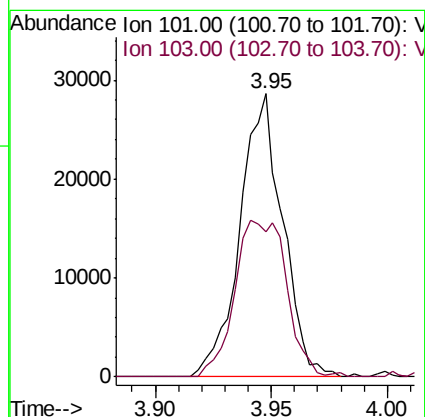
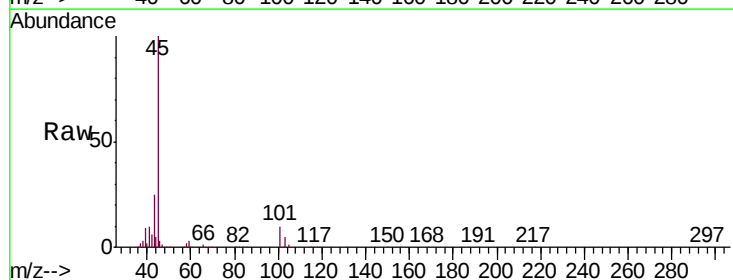
Acq: 3 Dec 2019 3:54

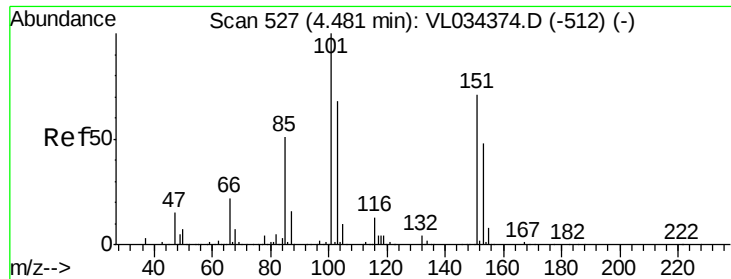
Tgt Ion: 101 Resp: 36631

Ion Ratio Lower Upper

101 100

103 51.3 55.4 83.0#

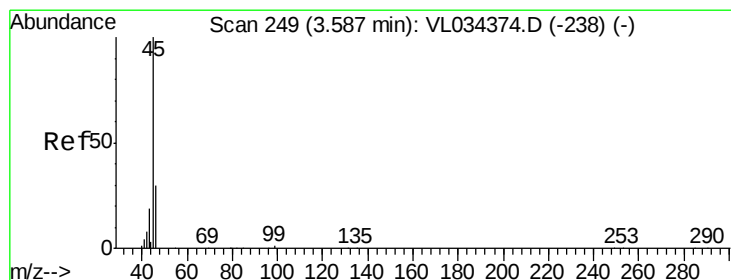
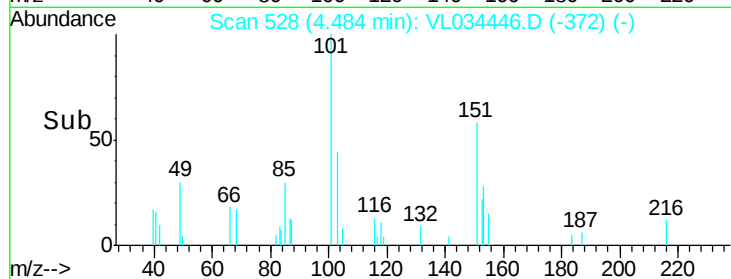
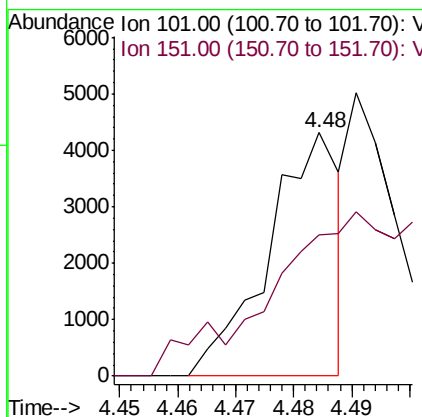
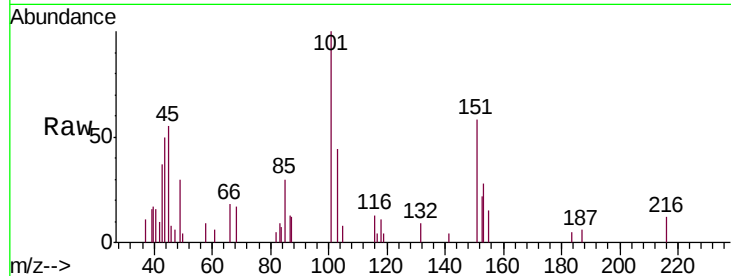




#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.041 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VL034446.D
 Acq: 3 Dec 2019 3:54

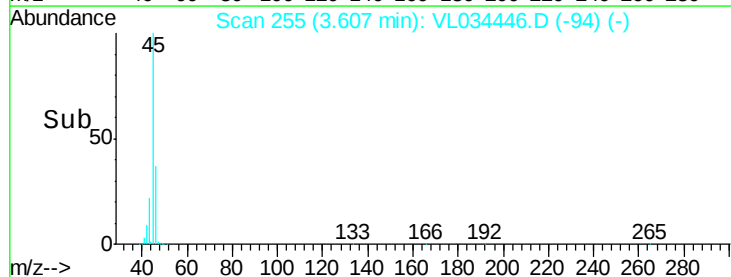
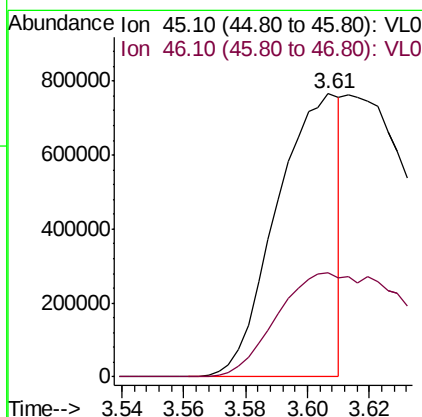
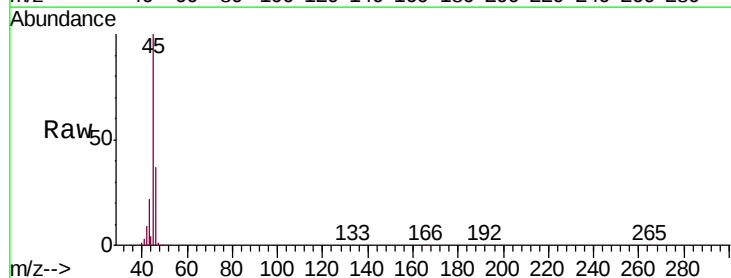
Instrument :
 MSVOA_L
 ClientSampleID :
 IA-3A

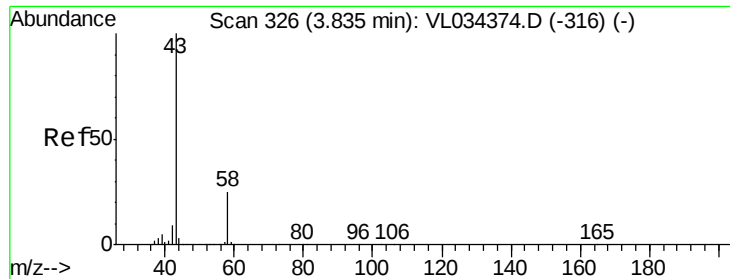
Tgt Ion: 101 Resp: 3696
 Ion Ratio Lower Upper
 101 100
 151 0.0 57.4 86.2#



#13
 Ethanol
 Concen: 92.718 ppbv
 RT: 3.61 min Scan# 255
 Delta R.T. 0.02 min
 Lab File: VL034446.D
 Acq: 3 Dec 2019 3:54

Tgt Ion: 45 Resp: 1073822
 Ion Ratio Lower Upper
 45 100
 46 82.0 13.8 55.4#





#15

Acetone

Concen: 7.259 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.01 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Instrument :

MSVOA_L

ClientSampleId :

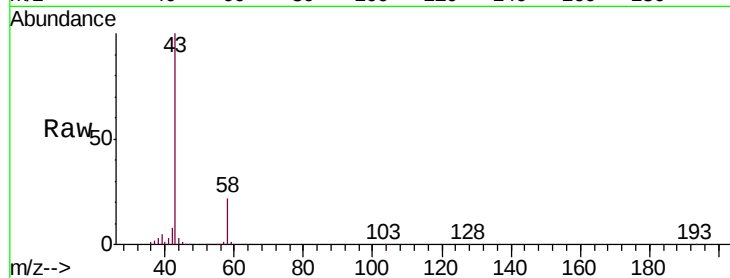
IA-3A

Tgt Ion: 43 Resp: 780179

Ion Ratio Lower Upper

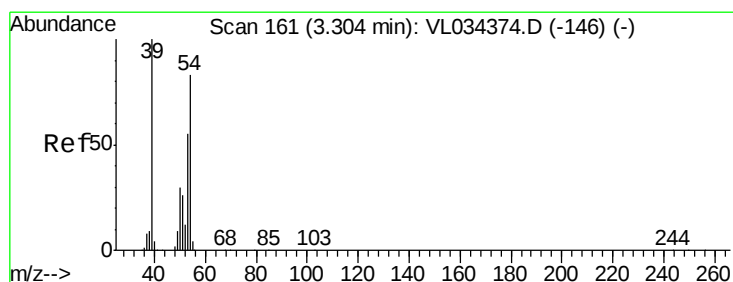
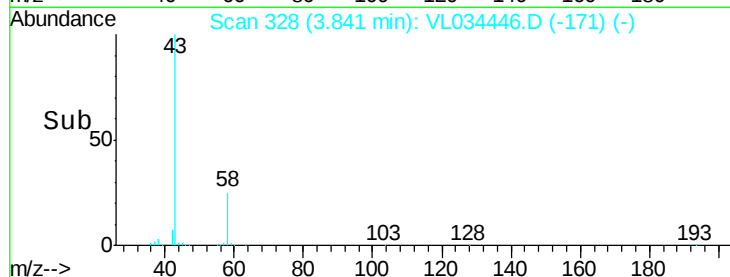
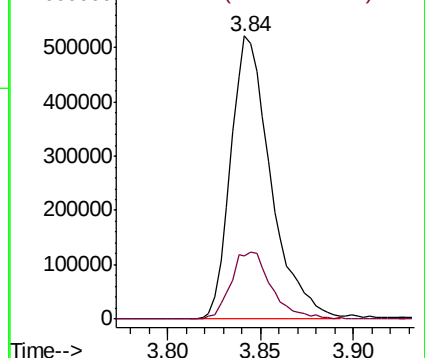
43 100

58 24.4 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: 0.270 ppbv

RT: 3.29 min Scan# 157

Delta R.T. -0.01 min

Lab File: VL034446.D

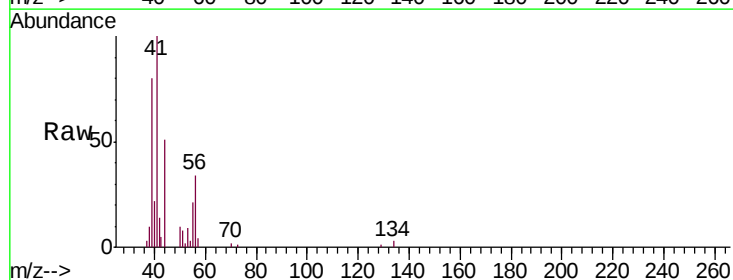
Acq: 3 Dec 2019 3:54

Tgt Ion: 39 Resp: 12659

Ion Ratio Lower Upper

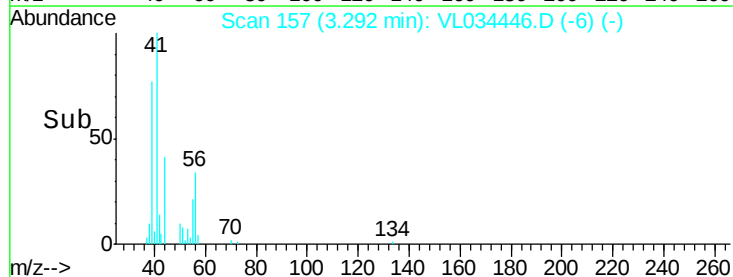
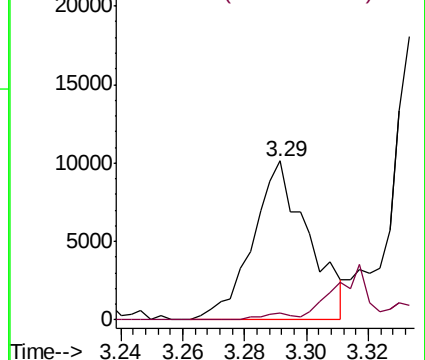
39 100

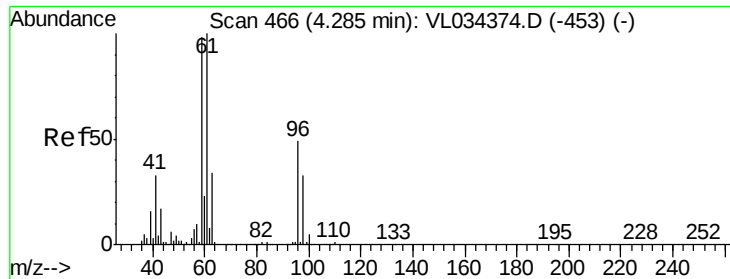
54 0.0 64.7 97.1#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0



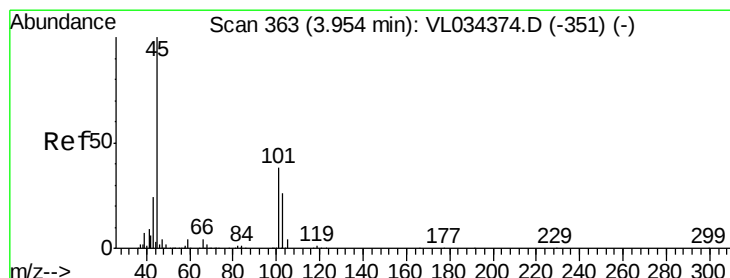
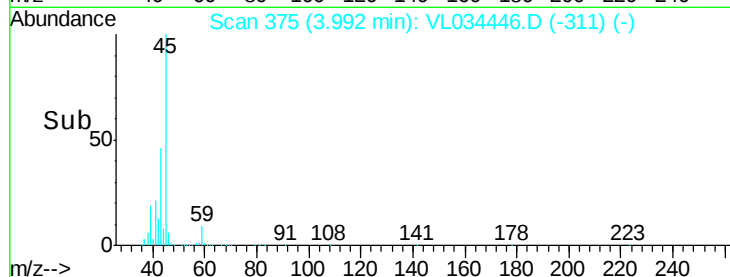
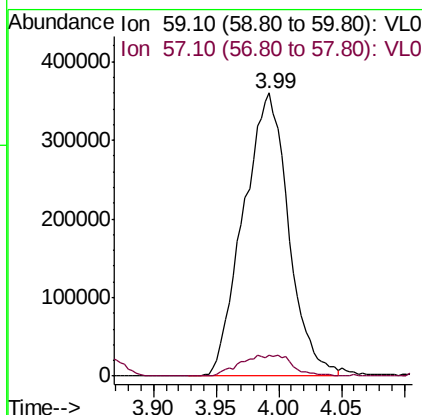
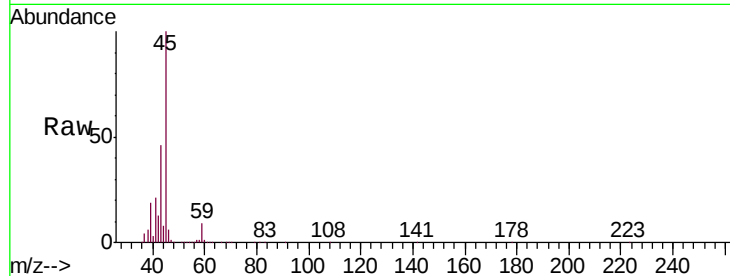


#17

tert-Butyl alcohol
Concen: 10.030 ppbv
RT: 3.99 min Scan# 375
Delta R.T. -0.29 min
Lab File: VL034446.D
Acq: 3 Dec 2019 3:54

Instrument :
MSVOA_L
ClientSampled :
IA-3A

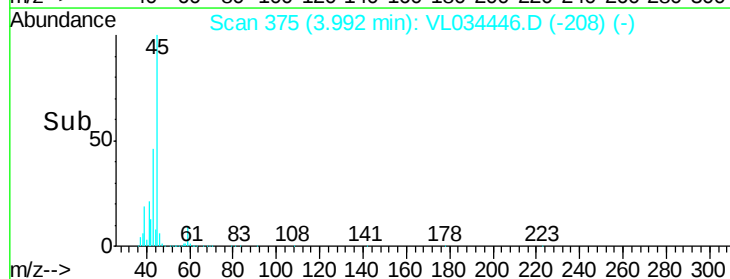
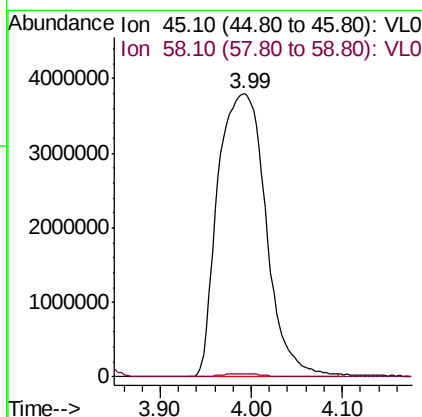
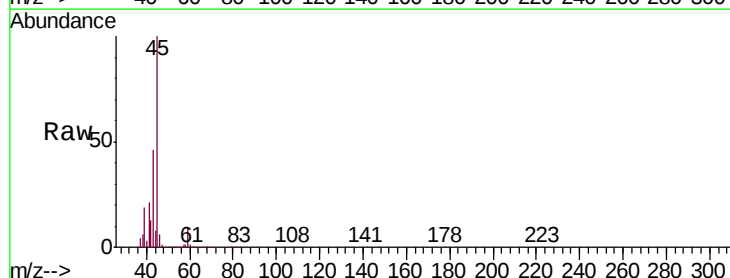
Tgt Ion: 59 Resp: 906109
Ion Ratio Lower Upper
59 100
57 8.8 8.8 13.2#

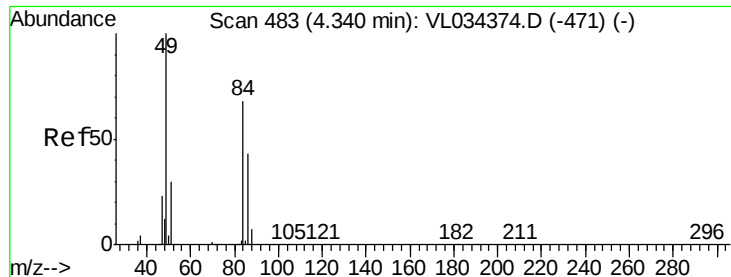


#19

Isopropyl Alcohol
Concen: 202.668 ppbv
RT: 3.99 min Scan# 375
Delta R.T. 0.04 min
Lab File: VL034446.D
Acq: 3 Dec 2019 3:54

Tgt Ion: 45 Resp: 13962093
Ion Ratio Lower Upper
45 100
58 1.1 1.3 1.9#

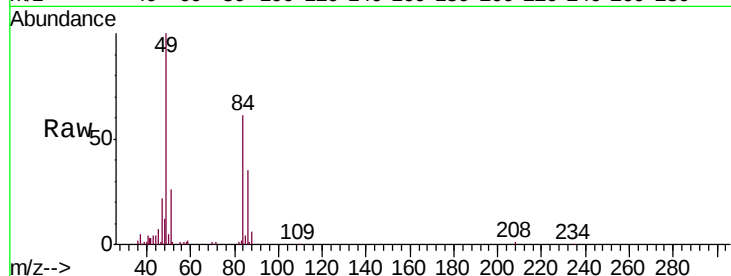




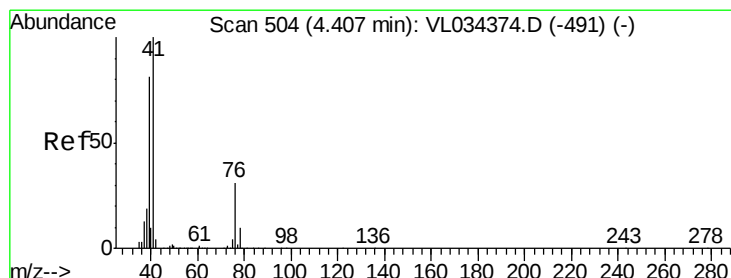
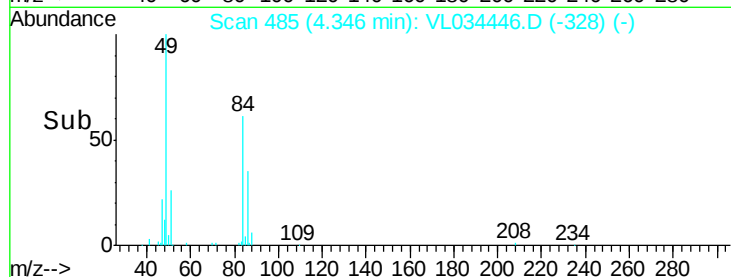
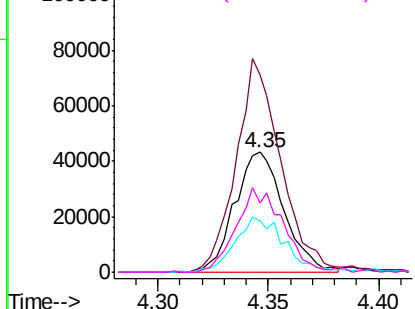
#20
Methylene Chloride
Concen: 1.767 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL034446.D
Acq: 3 Dec 2019 3:54

Instrument :
MSVOA_L
ClientSampleId :
IA-3A

Tgt Ion: 84 Resp: 67352
Ion Ratio Lower Upper
84 100
49 164.0 116.8 175.2
51 43.3 35.6 53.4
86 57.6 50.7 76.1

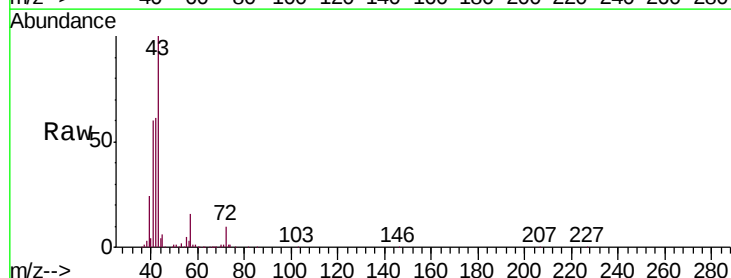


Abundance Ion 84.00 (83.70 to 84.70): VL0
120000
Ion 49.10 (48.80 to 49.80): VL0
100000
Ion 51.10 (50.80 to 51.80): VL0
80000
Ion 86.00 (85.70 to 86.70): VL0
60000
40000
20000
0

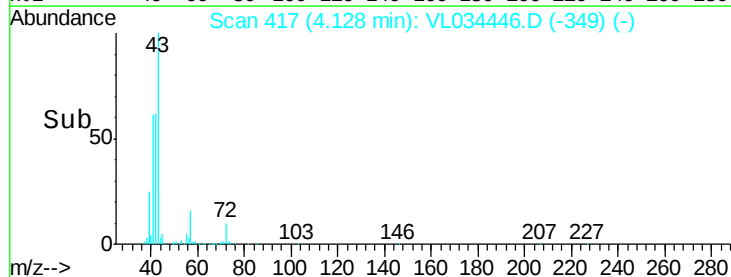
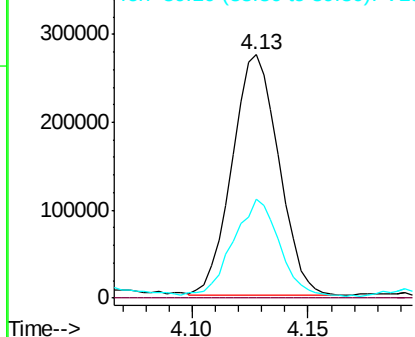


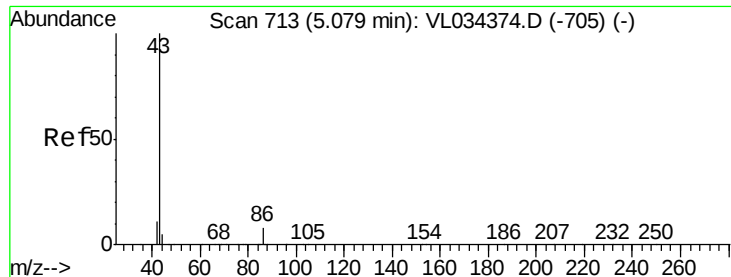
#21
Allyl Chloride
Concen: 5.959 ppbv
RT: 4.13 min Scan# 417
Delta R.T. -0.28 min
Lab File: VL034446.D
Acq: 3 Dec 2019 3:54

Tgt Ion: 41 Resp: 383752
Ion Ratio Lower Upper
41 100
76 0.1 24.2 36.2#
39 39.5 66.9 100.3#



Abundance Ion 41.10 (40.80 to 41.80): VL0
300000
Ion 76.10 (75.80 to 76.80): VL0
200000
Ion 39.10 (38.80 to 39.80): VL0
100000
0





#23

Vinyl Acetate

Concen: 0.079 ppbv

RT: 5.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Instrument :

MSVOA_L

ClientSampleId :

IA-3A

Tgt Ion: 43 Resp: 11071

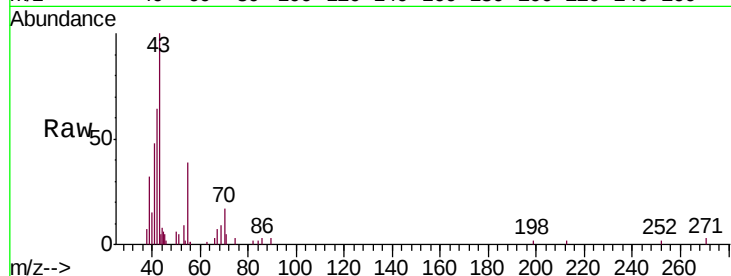
Ion Ratio Lower Upper

43 100

86 0.0 5.8 8.6#

42 67.7 8.9 13.3#

44 4.1 4.0 6.0

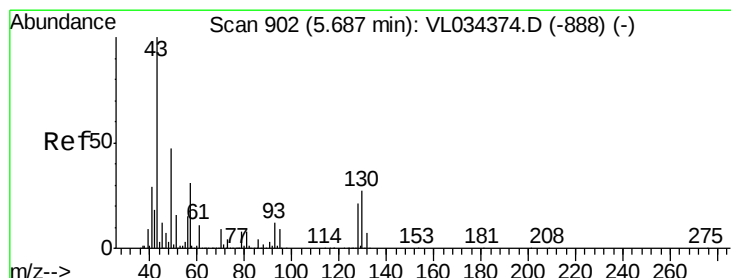
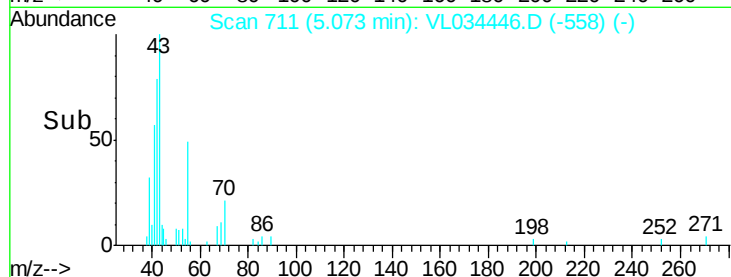
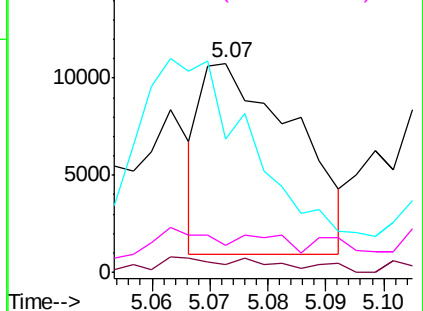


Abundance Ion 43.10 (42.80 to 43.80): VL0

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



#25

Ethyl Acetate

Concen: 0.299 ppbv

RT: 5.70 min Scan# 905

Delta R.T. 0.01 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Tgt Ion: 43 Resp: 57418

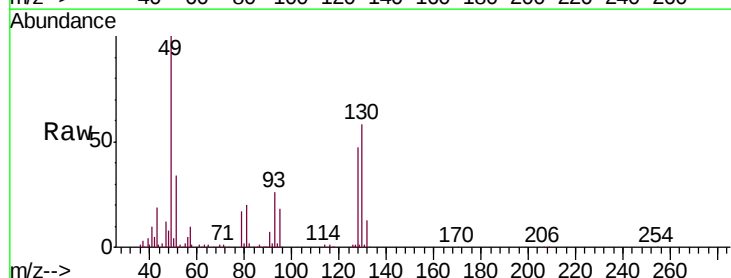
Ion Ratio Lower Upper

43 100

45 14.0 8.2 12.4#

61 10.2 7.5 11.3

70 8.5 5.7 8.5

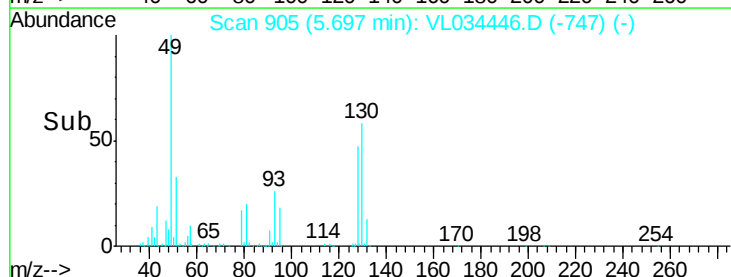
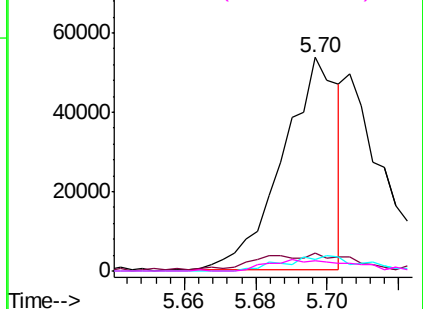


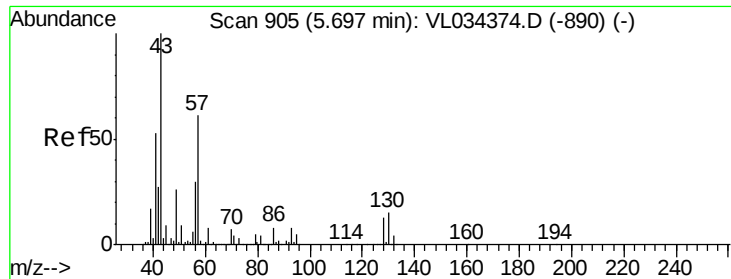
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 0.779 ppbv

RT: 5.71 min Scan# 908

Delta R.T. 0.01 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Instrument :

MSVOA_L

ClientSampleId :

IA-3A

Tgt Ion: 57 Resp: 64203

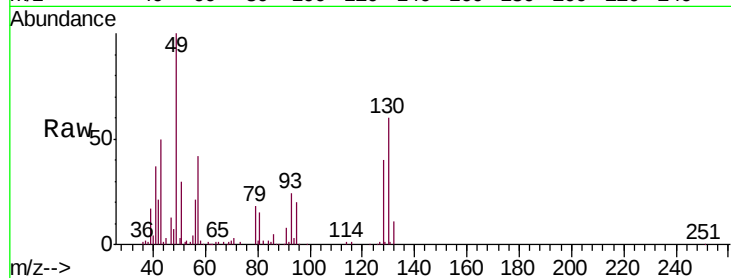
Ion Ratio Lower Upper

57 100

41 103.2 75.0 112.4

43 153.0 186.6 279.8#

56 56.5 41.5 62.3

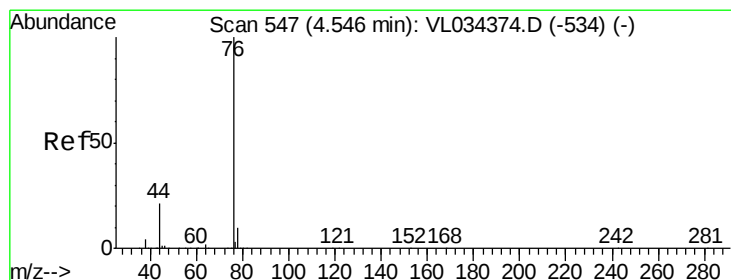
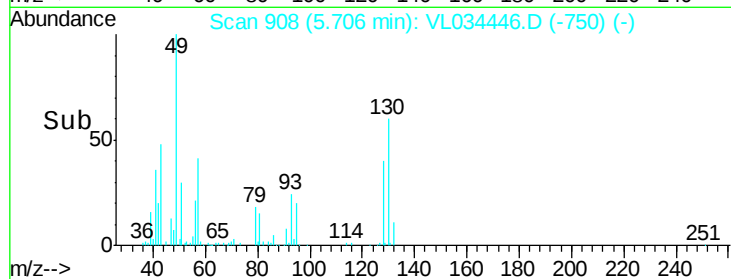
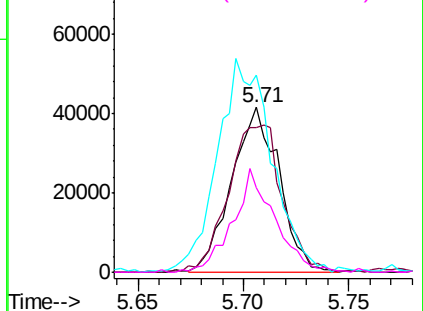


Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 0.048 ppbv

RT: 4.55 min Scan# 548

Delta R.T. 0.00 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

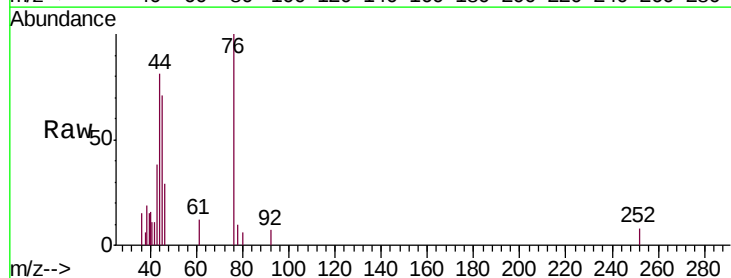
Tgt Ion: 76 Resp: 4284

Ion Ratio Lower Upper

76 100

44 0.0 17.0 25.4#

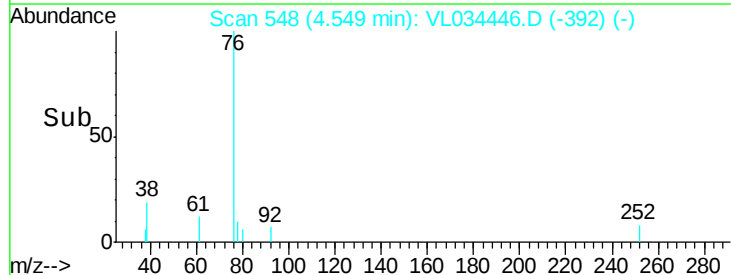
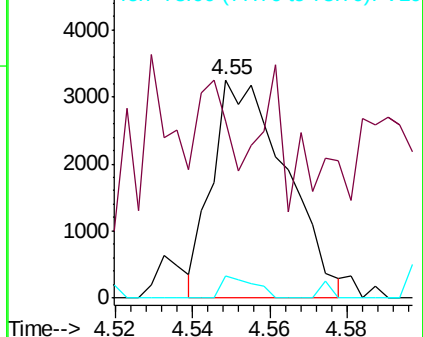
78 4.5 7.6 11.4#

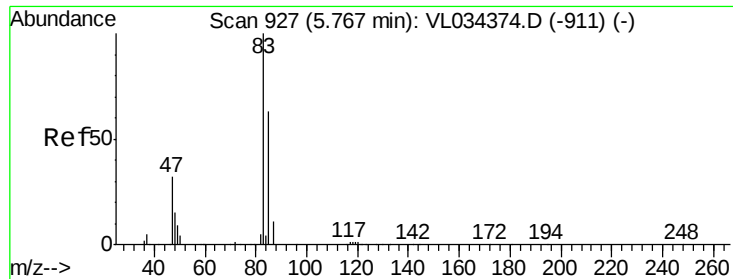


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





#29

Chloroform

Concen: 0.060 ppbv

RT: 5.77 min Scan# 929

Delta R.T. 0.01 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Instrument :

MSVOA_L

ClientSampleId :

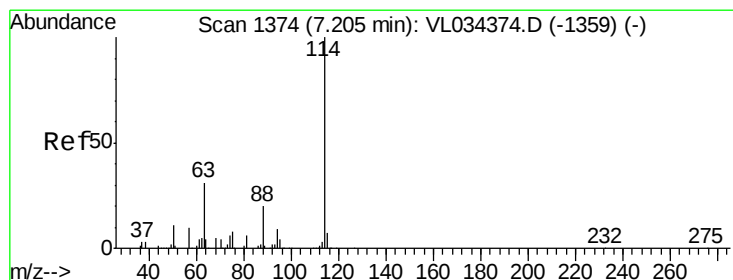
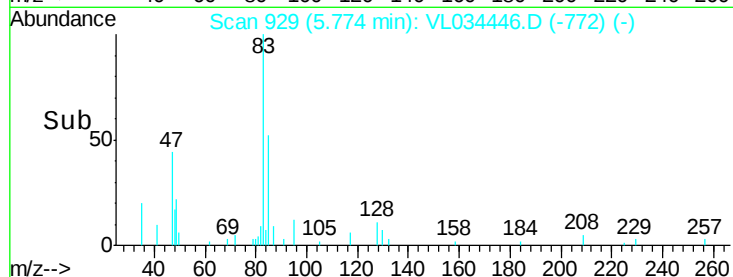
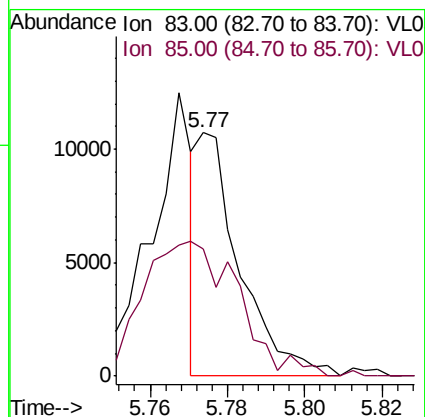
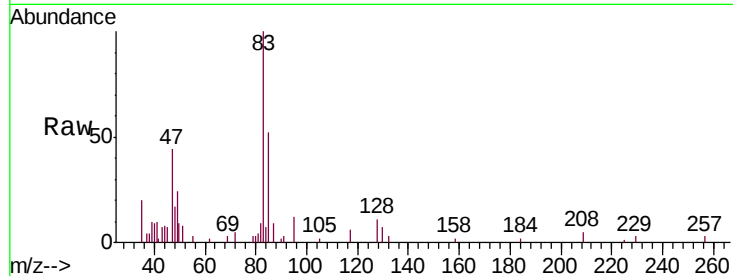
IA-3A

Tgt Ion: 83 Resp: 7990

Ion Ratio Lower Upper

83 100

85 52.3 50.4 75.6



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.21 min Scan# 1375

Delta R.T. 0.00 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

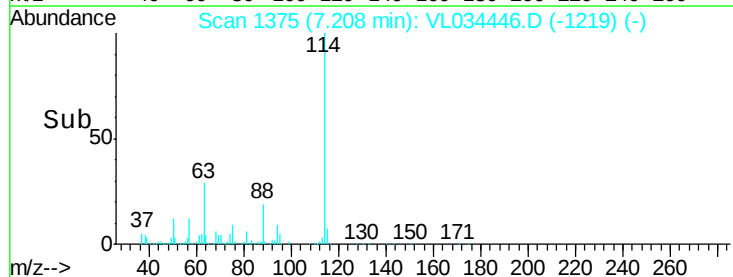
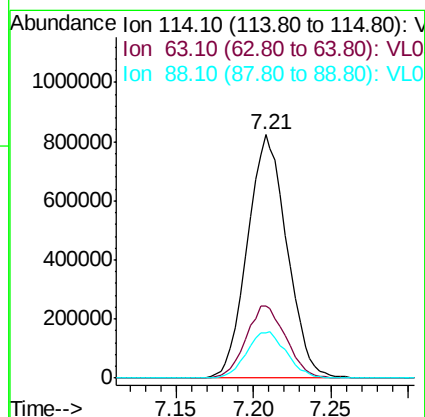
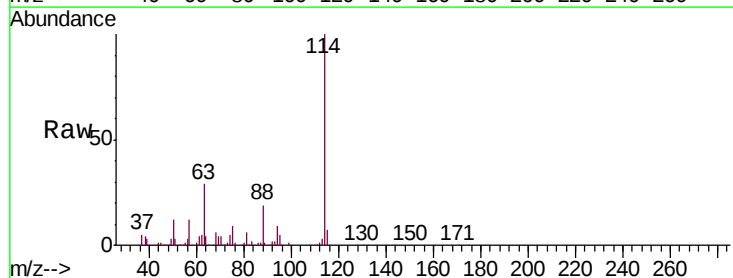
Tgt Ion: 114 Resp: 1462989

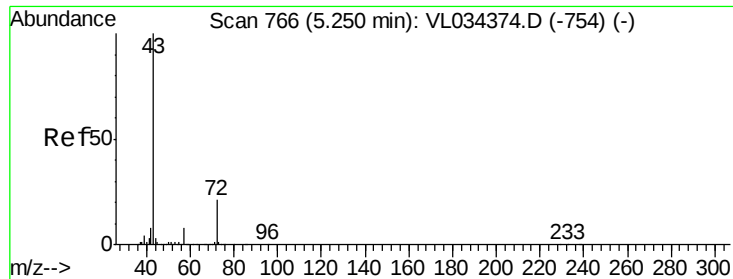
Ion Ratio Lower Upper

114 100

63 30.1 24.2 36.4

88 19.4 15.9 23.9





#34

2-Butanone

Concen: 0.968 ppbv

RT: 5.26 min Scan# 770

Delta R.T. 0.01 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Instrument :

MSVOA_L

ClientSampleId :

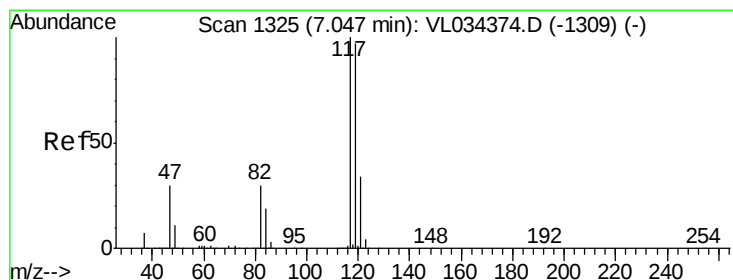
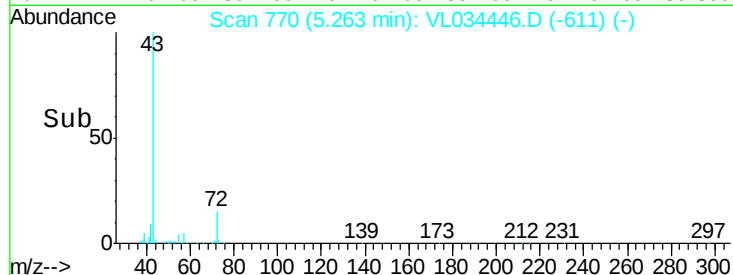
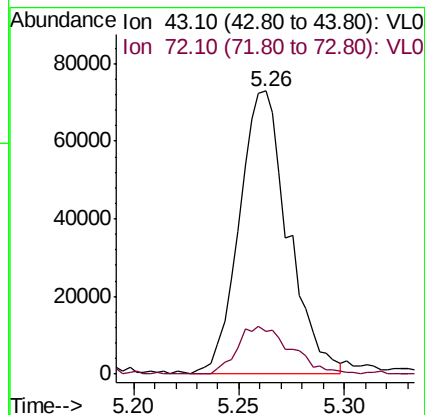
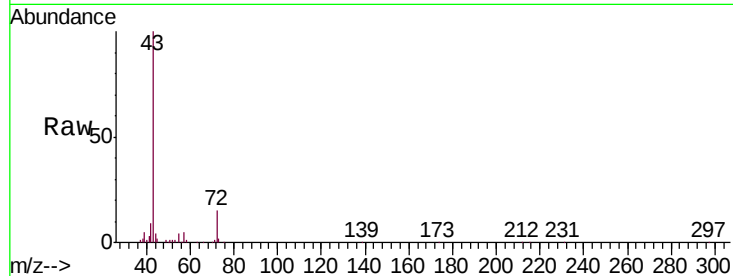
IA-3A

Tgt Ion: 43 Resp: 116607

Ion Ratio Lower Upper

43 100

72 19.1 17.0 25.6



#35

Carbon Tetrachloride

Concen: 0.033 ppbv

RT: 7.05 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

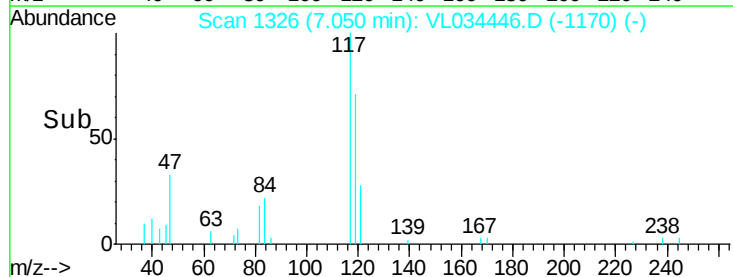
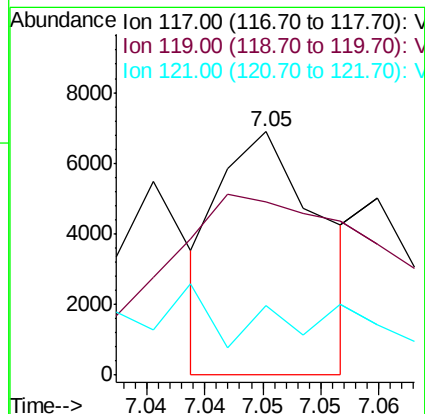
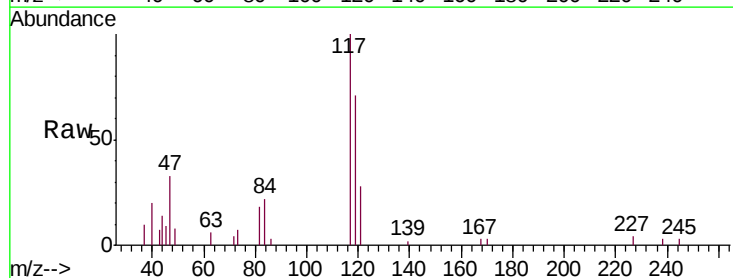
Tgt Ion: 117 Resp: 4186

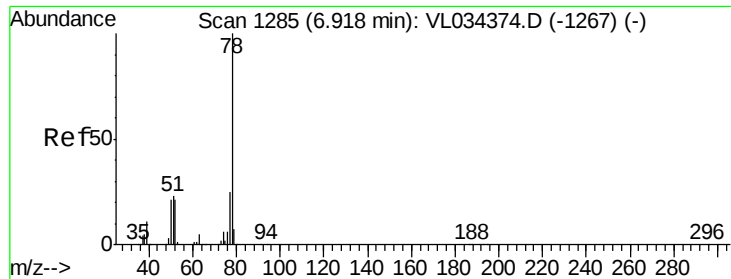
Ion Ratio Lower Upper

117 100

119 31.0 77.3 115.9#

121 0.0 27.4 41.2#





#36

Benzene

Concen: 0.253 ppbv

RT: 6.92 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Instrument :

MSVOA_L

ClientSampleId :

IA-3A

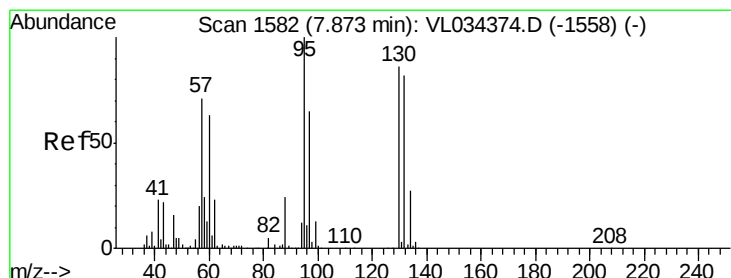
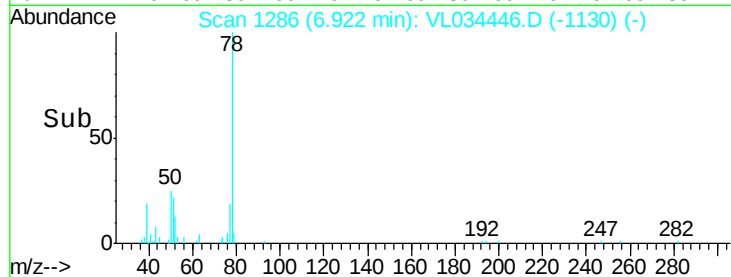
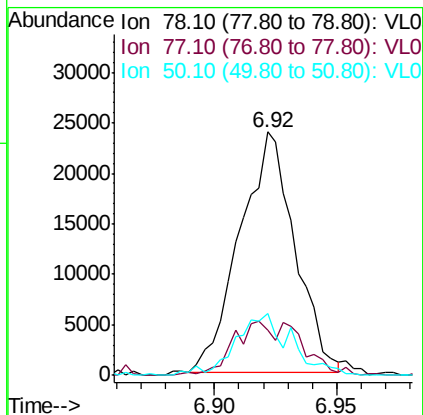
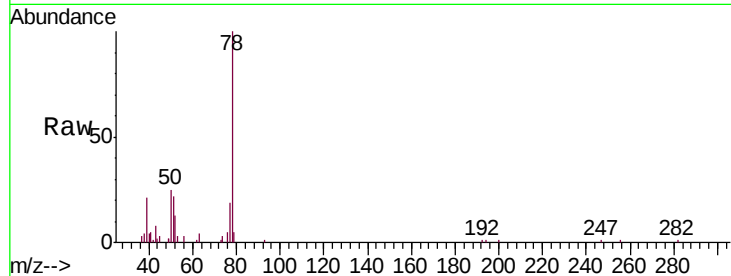
Tgt Ion: 78 Resp: 37043

Ion Ratio Lower Upper

78 100

77 17.7 20.2 30.4#

50 24.4 17.1 25.7



#38

Trichloroethene

Concen: 0.597 ppbv

RT: 7.88 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Tgt Ion: 130 Resp: 35817

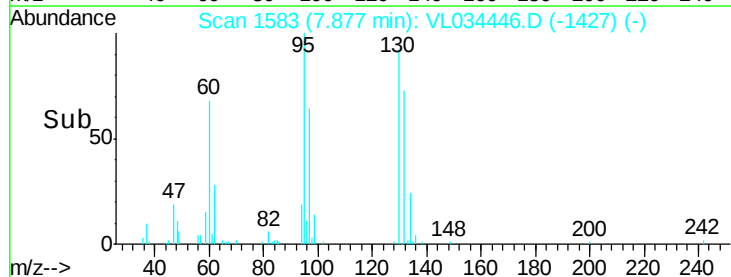
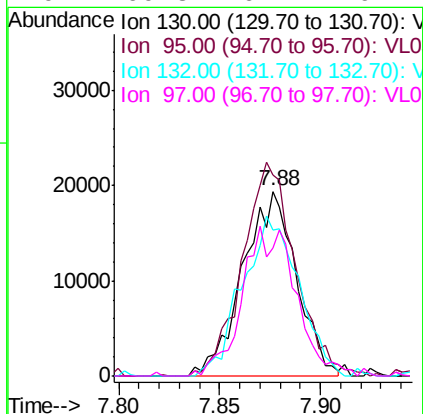
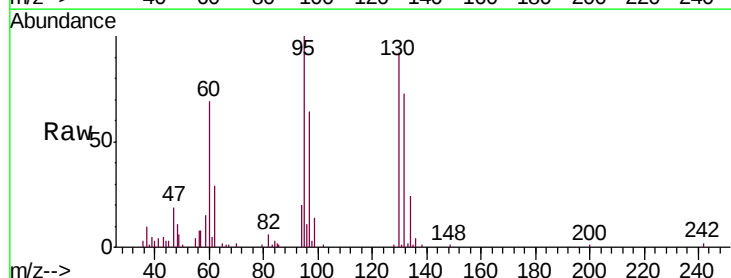
Ion Ratio Lower Upper

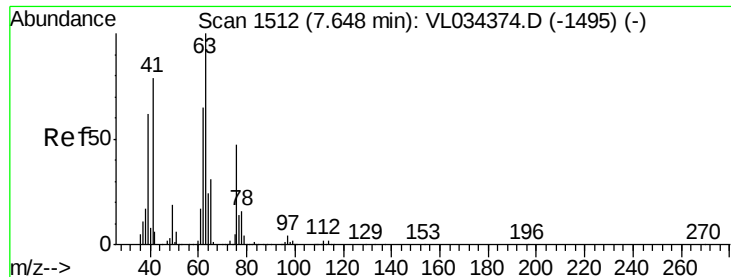
130 100

95 109.0 93.4 140.0

132 79.4 76.4 114.6

97 69.3 61.1 91.7





#39

1,2-Dichloropropane

Concen: 7.714 ppbv

RT: 7.20 min Scan# 1374

Delta R.T. -0.44 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Instrument :

MSVOA_L

ClientSampleId :

IA-3A

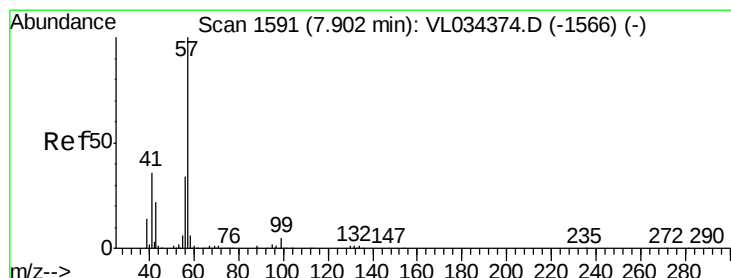
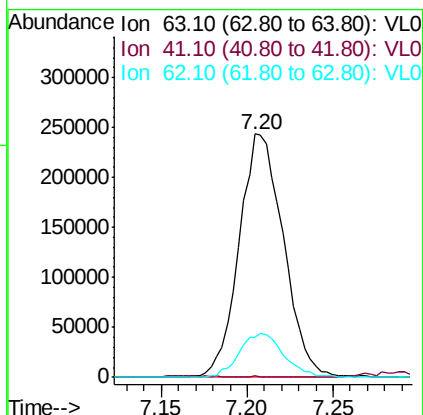
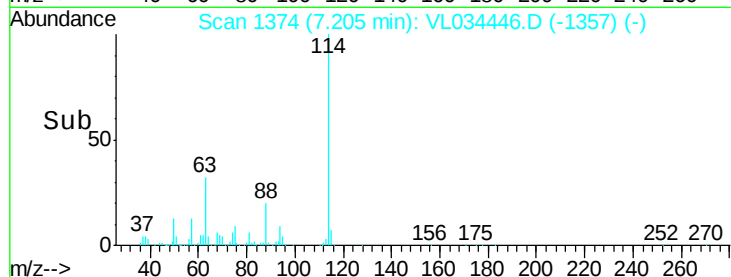
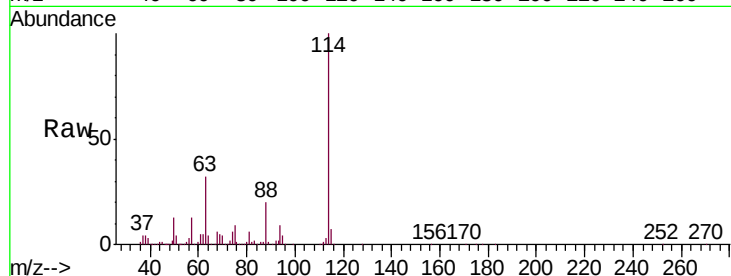
Tgt Ion: 63 Resp: 434639

Ion Ratio Lower Upper

63 100

41 0.0 63.1 94.7#

62 16.2 52.3 78.5#



#44

2,2,4-Trimethylpentane

Concen: 0.134 ppbv

RT: 7.91 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

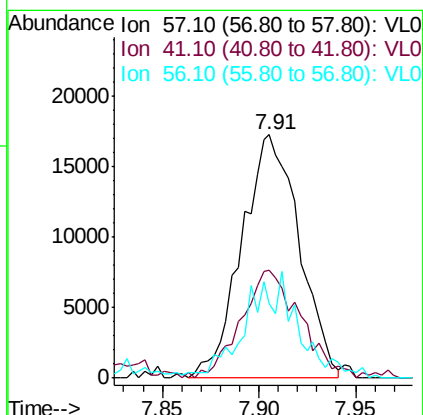
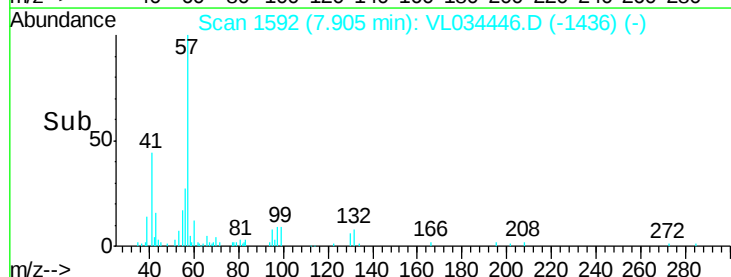
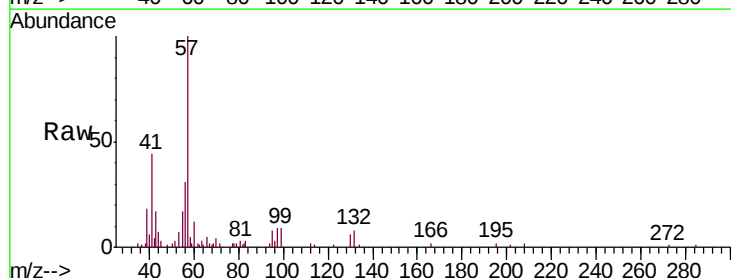
Tgt Ion: 57 Resp: 35708

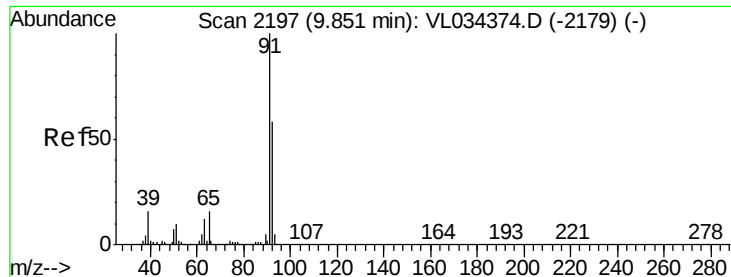
Ion Ratio Lower Upper

57 100

41 46.9 28.6 42.8#

56 39.3 25.3 37.9#





#53

Toluene

Concen: 1.039 ppbv

RT: 9.85 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Instrument :

MSVOA_L

ClientSampleId :

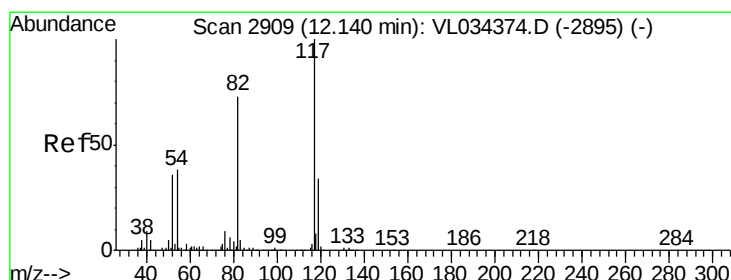
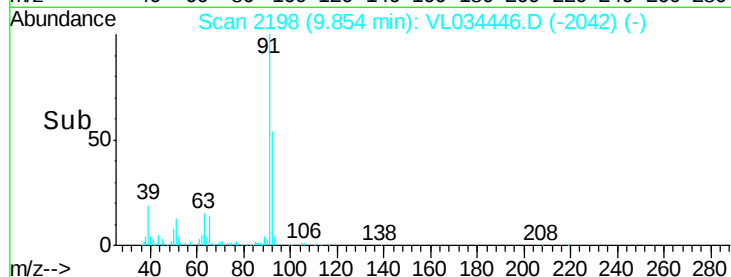
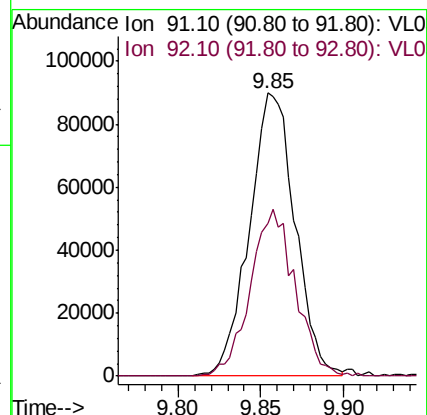
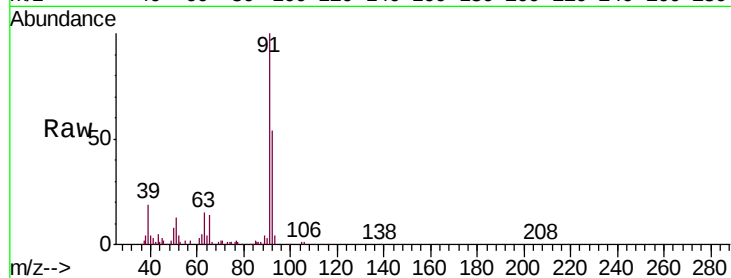
IA-3A

Tgt Ion: 91 Resp: 172546

Ion Ratio Lower Upper

91 100

92 58.1 47.9 71.9



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.15 min Scan# 2911

Delta R.T. 0.01 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

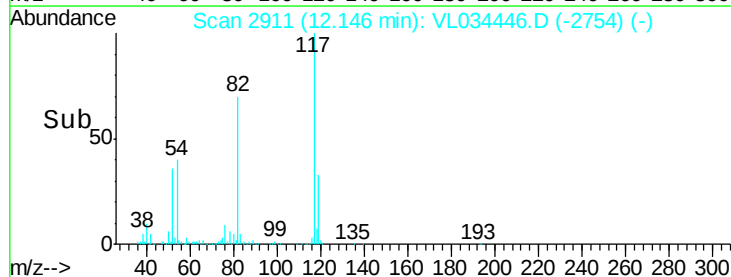
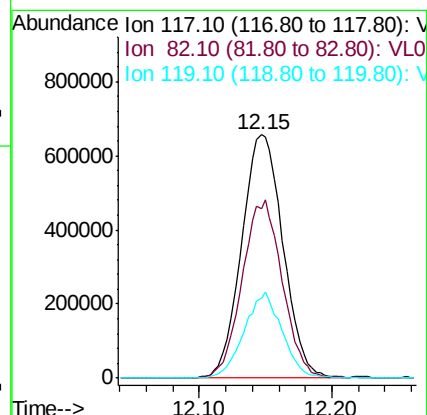
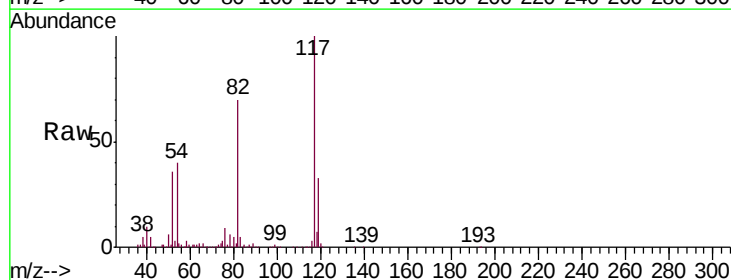
Tgt Ion: 117 Resp: 1422485

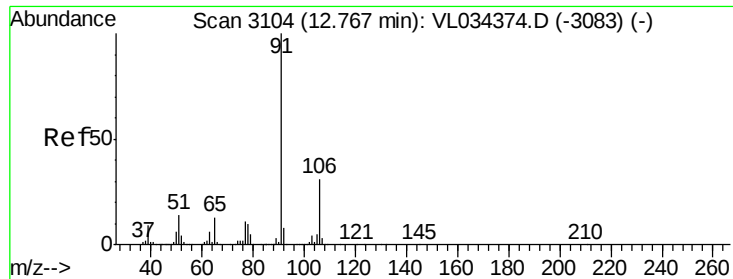
Ion Ratio Lower Upper

117 100

82 71.5 57.5 86.3

119 32.4 25.4 38.2





#58

Ethyl Benzene

Concen: 0.043 ppbv

RT: 12.77 min Scan# 3105

Delta R.T. 0.00 min

Lab File: VL034446.D

Acq: 3 Dec 2019 3:54

Instrument :

MSVOA_L

ClientSampleId :

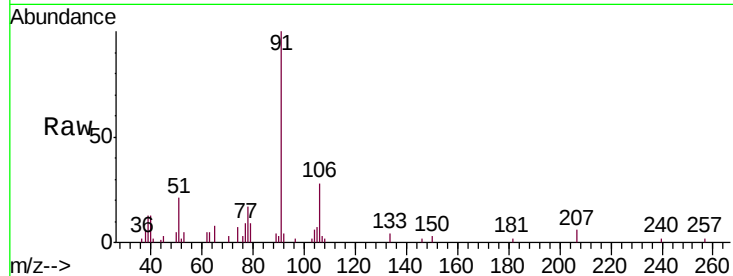
IA-3A

Tgt Ion: 91 Resp: 9551

Ion Ratio Lower Upper

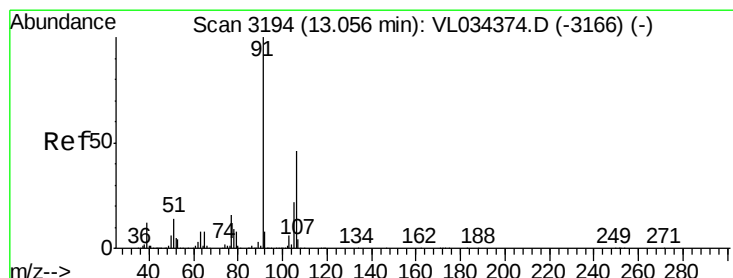
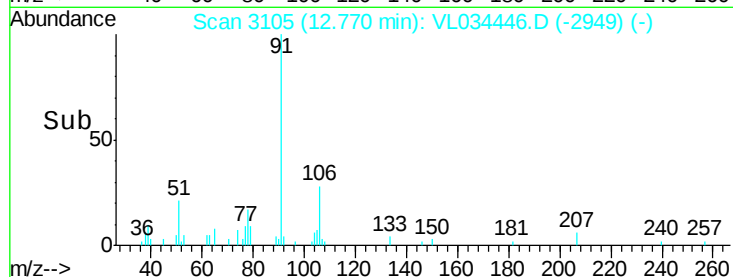
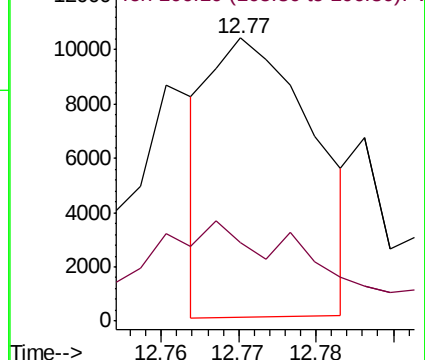
91 100

106 26.3 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.058 ppbv

RT: 13.06 min Scan# 3196

Delta R.T. 0.01 min

Lab File: VL034446.D

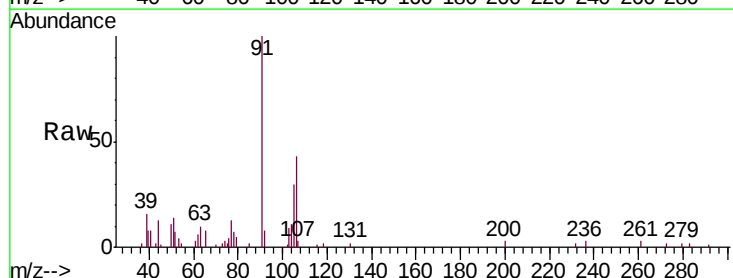
Acq: 3 Dec 2019 3:54

Tgt Ion: 91 Resp: 11008

Ion Ratio Lower Upper

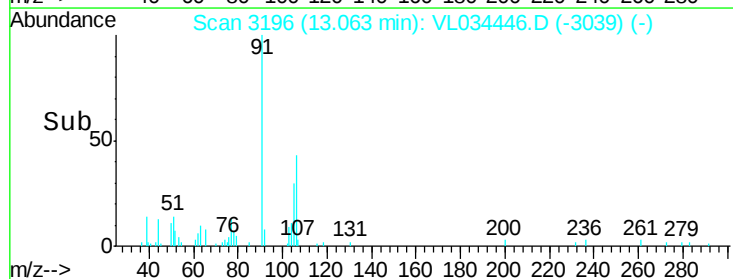
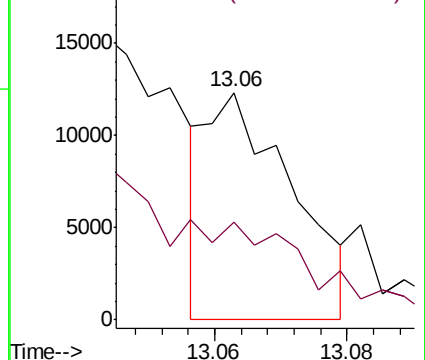
91 100

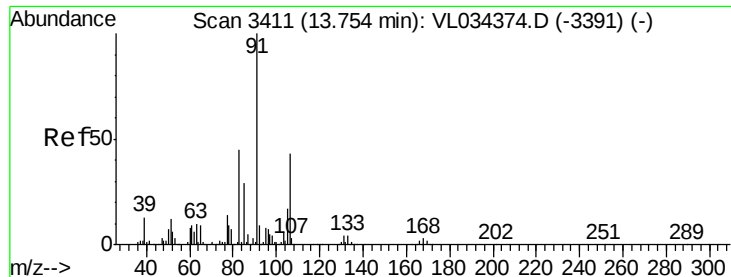
106 0.0 34.6 51.8#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

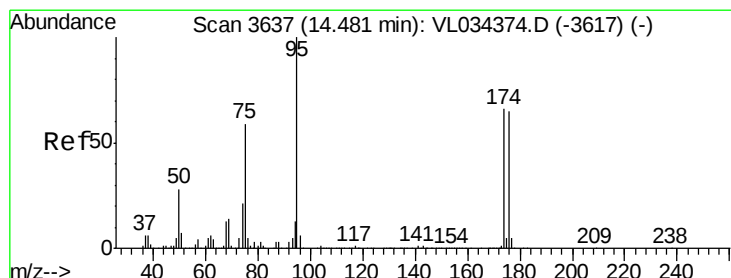
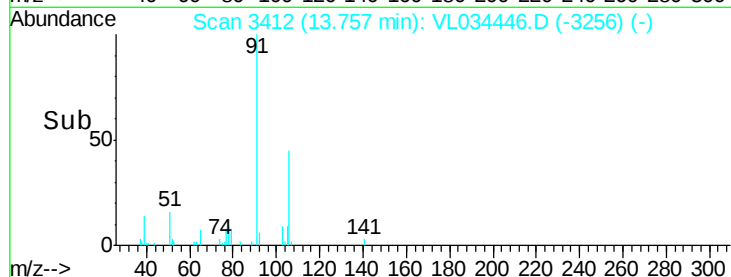
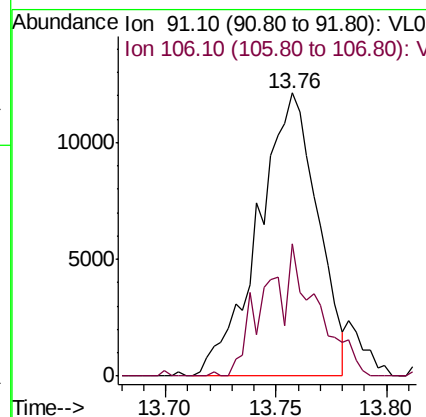
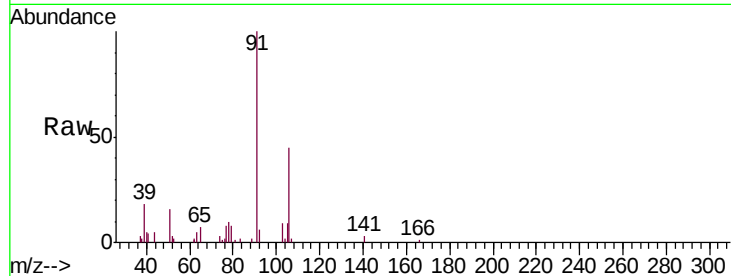




#60
o-Xylene
Concen: 0.119 ppbv
RT: 13.76 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VL034446.D
Acq: 3 Dec 2019 3:54

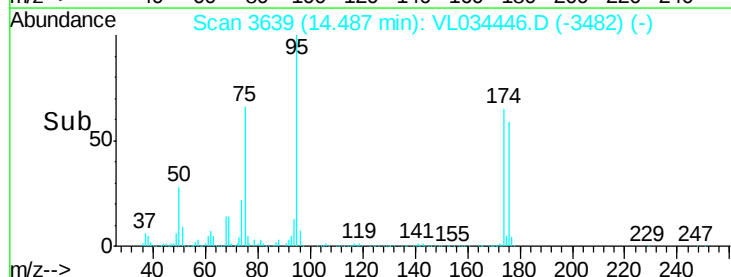
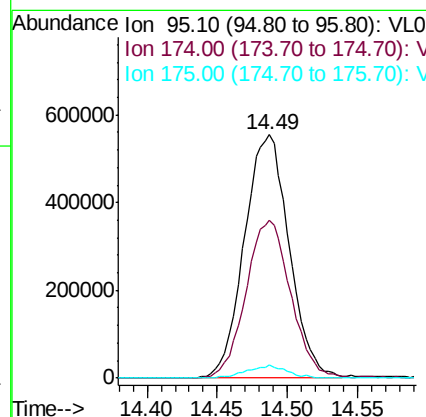
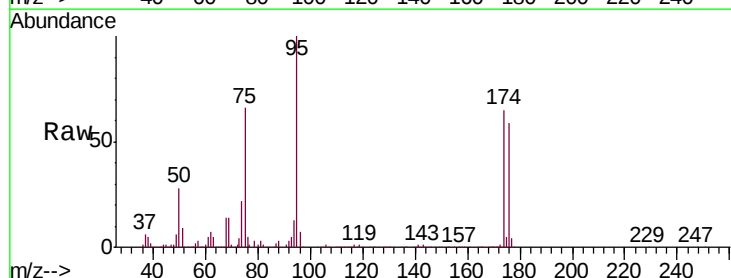
Instrument :
MSVOA_L
ClientSampled :
IA-3A

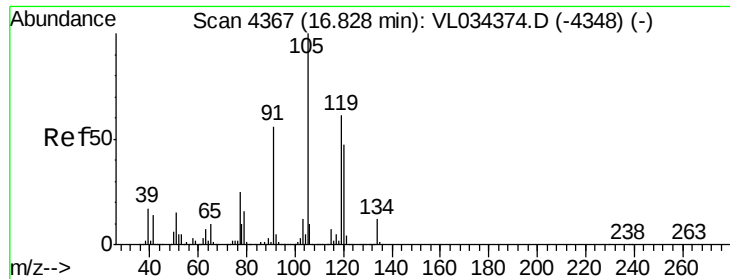
Tgt Ion: 91 Resp: 22520
Ion Ratio Lower Upper
91 100
106 41.1 21.3 64.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.275 ppbv
RT: 14.49 min Scan# 3639
Delta R.T. 0.01 min
Lab File: VL034446.D
Acq: 3 Dec 2019 3:54

Tgt Ion: 95 Resp: 1229631
Ion Ratio Lower Upper
95 100
174 65.4 52.2 78.2
175 4.8 3.8 5.8





#74
 1,2,4-Trimethylbenzene
 Concen: 0.082 ppbv
 RT: 16.83 min Scan# 4368
 Delta R.T. 0.00 min
 Lab File: VL034446.D
 Acq: 3 Dec 2019 3:54

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3A

Tgt Ion:	105	Resp:	18543
Ion Ratio	Lower	Upper	
105	100		
120	43.7	37.4	56.0
91	29.6	46.3	69.5#
77	13.3	20.6	30.8#

