

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081820\
 Data File : VL035462.D
 Acq On : 19 Aug 2020 9:42
 Operator : SY/AP
 Sample : L3730-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 20 02:46:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1088385	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	5079369	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	5079317	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3670586	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

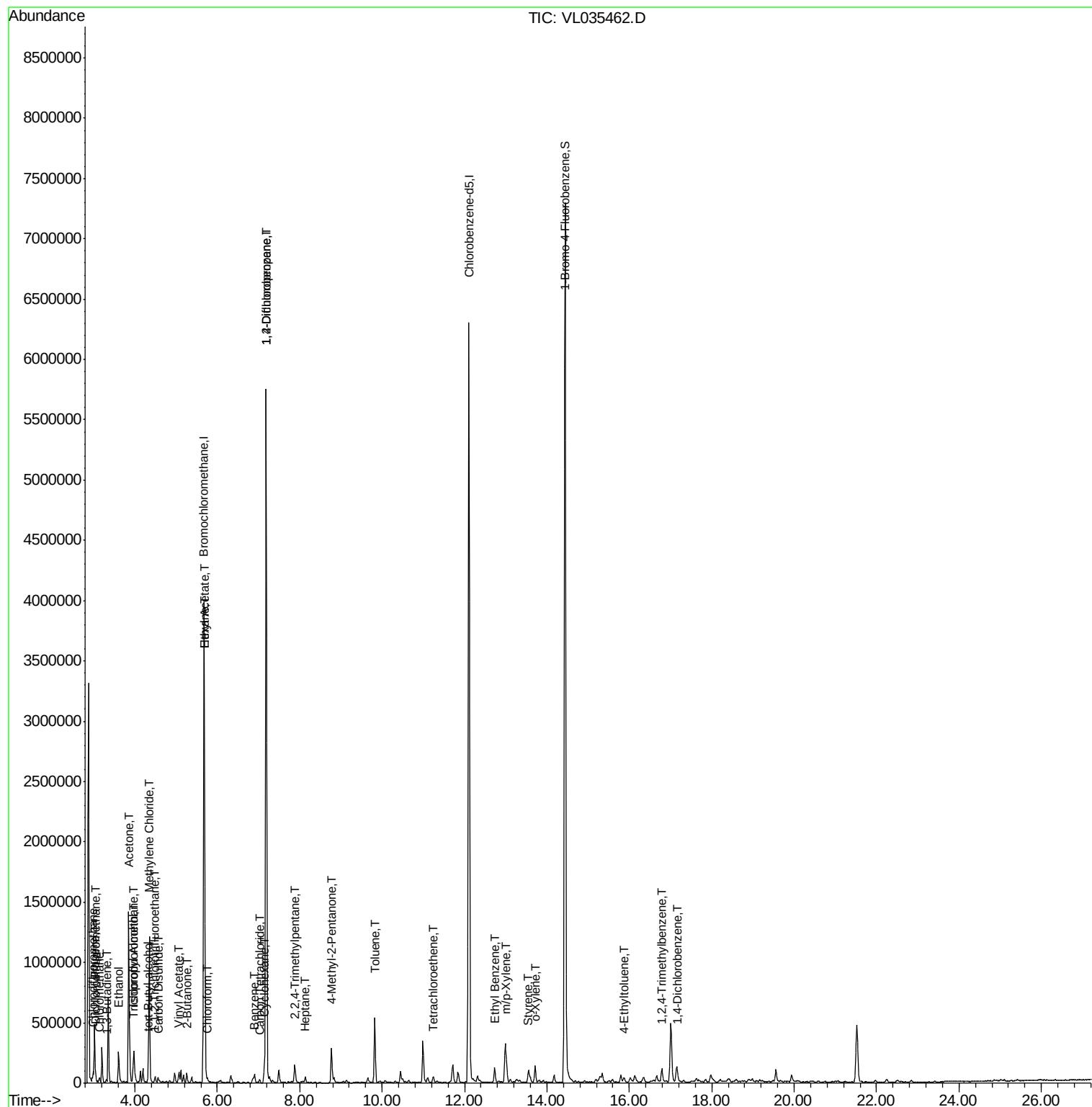
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	60214	0.298	ppbv	95
3) Chlorodifluoromethane	2.99	51	94736	0.694	ppbv	99
4) Chloromethane	3.14	50	37367	0.526	ppbv	95
9) Propene	3.02	41	76494	1.395	ppbv #	65
10) Heptane	8.13	43	18050	0.126	ppbv #	80
11) Trichlorofluoromethane	3.95	101	76744	0.242	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.49	101	16446	0.070	ppbv #	83
13) Ethanol	3.60	45	260570	12.966	ppbv	99
15) Acetone	3.85	43	1307194	10.435	ppbv #	82
16) 1,3-Butadiene	3.30	39	5583	0.110	ppbv #	35
17) tert-Butyl alcohol	4.31	59	9709	0.060	ppbv #	71
19) Isopropyl Alcohol	3.97	45	266169	3.083	ppbv #	1
20) Methylene Chloride	4.35	84	533628	5.280	ppbv #	65
23) Vinyl Acetate	5.07	43	54826	0.306	ppbv #	69
25) Ethyl Acetate	5.69	43	269832	1.107	ppbv #	71
26) Hexane	5.69	57	467883	3.401	ppbv #	30
27) Carbon Disulfide	4.56	76	9619	0.048	ppbv #	66
29) Chloroform	5.76	83	14376	0.052	ppbv	91
30) Cyclohexane	7.14	84	53247	0.349	ppbv #	56
34) 2-Butanone	5.26	43	78053	0.460	ppbv #	70
35) Carbon Tetrachloride	7.03	117	16677	0.062	ppbv	96
36) Benzene	6.90	78	55203	0.148	ppbv #	86
39) 1,2-Dichloropropane	7.19	63	875405	7.125	ppbv #	23
44) 2,2,4-Trimethylpentane	7.88	57	142186	0.292	ppbv	92
50) 4-Methyl-2-Pentanone	8.77	43	197345	0.811	ppbv #	82
52) Tetrachloroethene	11.25	164	12472	0.055	ppbv #	61
53) Toluene	9.82	91	440038	0.916	ppbv	97
58) Ethyl Benzene	12.73	91	118701	0.194	ppbv	95
59) m/p-Xylene	13.02	91	80689	0.156	ppbv #	33
60) o-Xylene	13.72	91	110344	0.219	ppbv	89
61) Styrene	13.55	104	73188	0.180	ppbv #	88
72) 4-Ethyltoluene	15.86	105	24574	0.037	ppbv #	87
74) 1,2,4-Trimethylbenzene	16.80	105	33813	0.051	ppbv #	68
76) 1,4-Dichlorobenzene	17.17	146	42564	0.084	ppbv	96

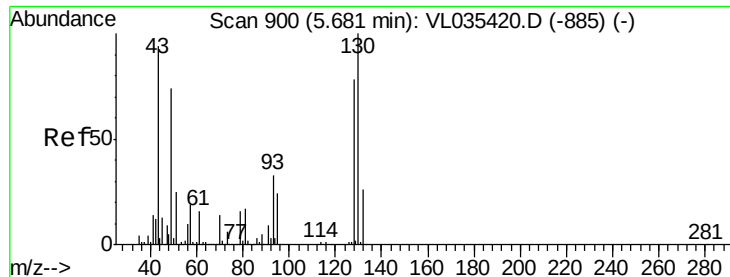
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081820\
Data File : VL035462.D
Acq On : 19 Aug 2020 9:42
Operator : SY/AP
Sample : L3730-04
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Aug 20 02:46:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

ClientSampled :

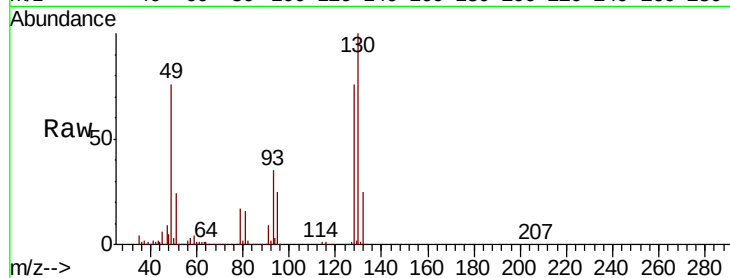
Tot Ion: 49 Resp: 1088385

Ion Ratio Lower Upper

49 100

128 104.6 20.9 62.7#

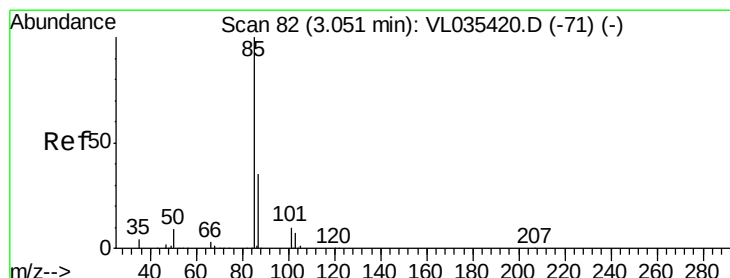
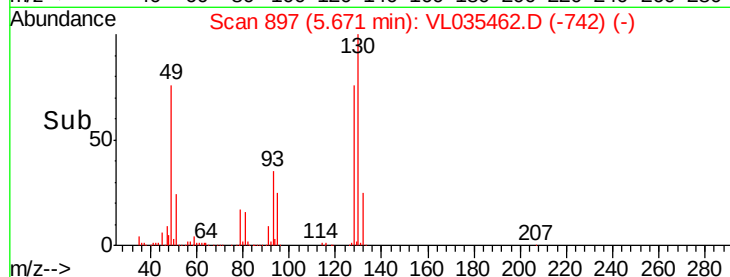
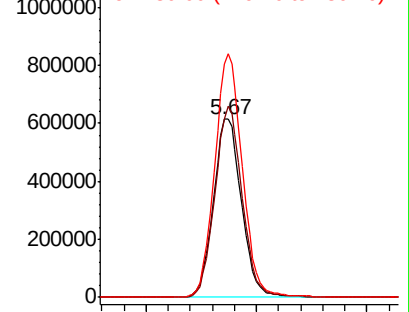
130 134.8 26.7 80.1#



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.298 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL035462.D

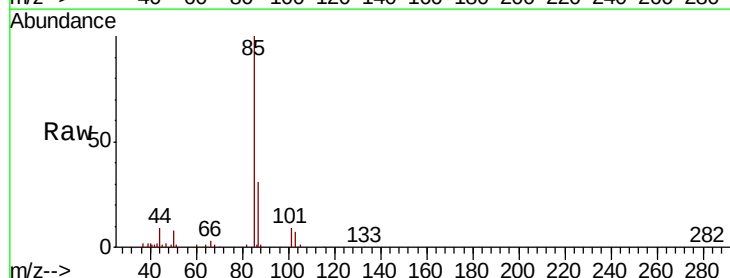
Acq: 19 Aug 2020 9:42

Tgt Ion: 85 Resp: 60214

Ion Ratio Lower Upper

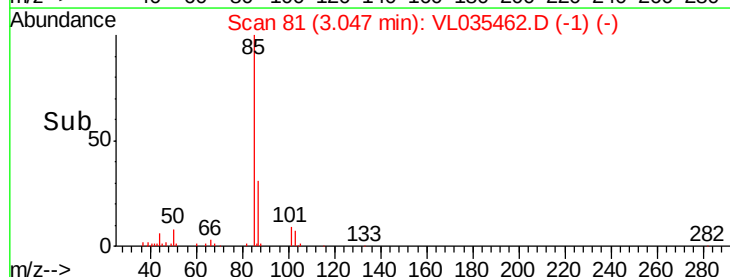
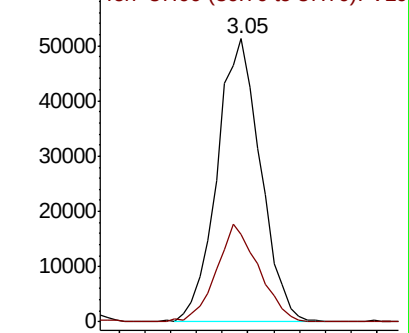
85 100

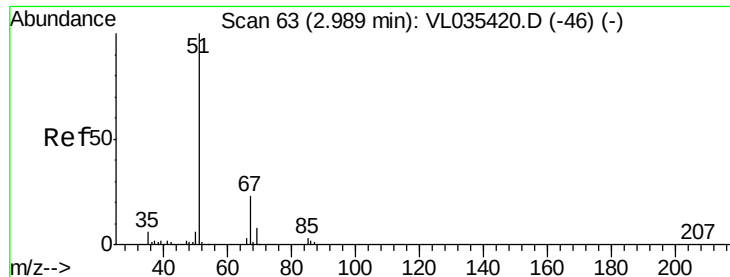
87 31.0 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.694 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

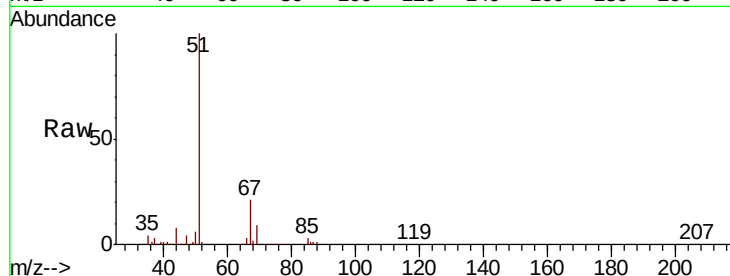
ClientSampleId :

Tot Ion: 51 Resp: 94736

Ion Ratio Lower Upper

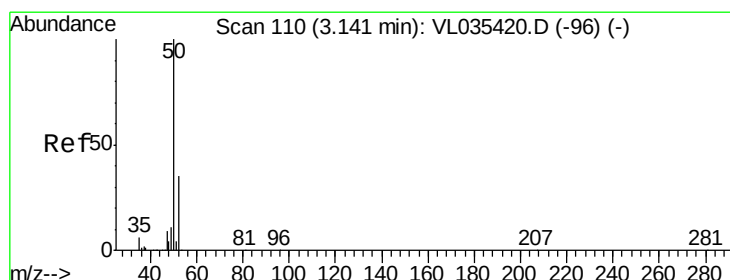
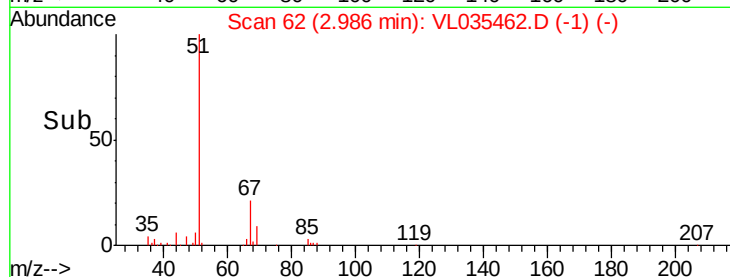
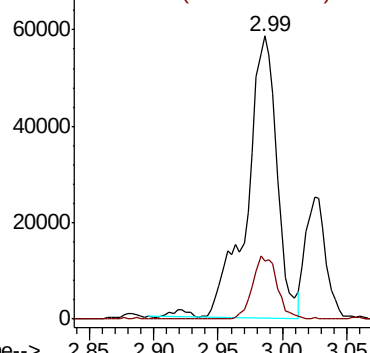
51 100

67 18.3 15.0 22.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.526 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL035462.D

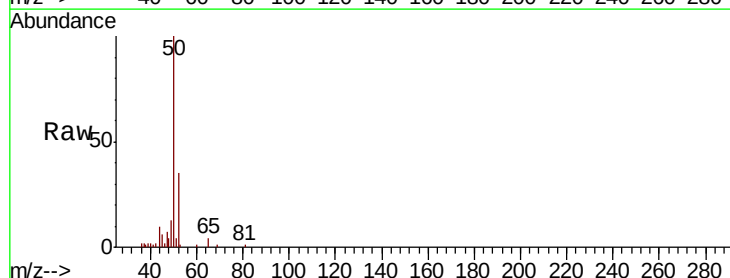
Acq: 19 Aug 2020 9:42

Tgt Ion: 50 Resp: 37367

Ion Ratio Lower Upper

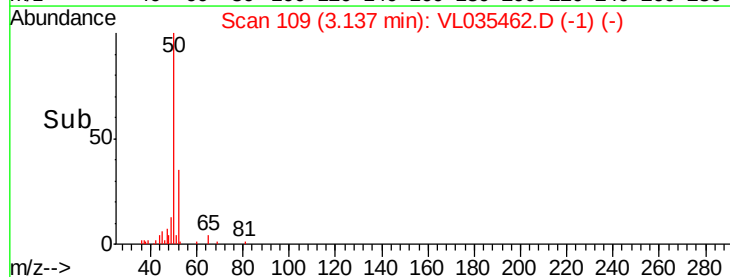
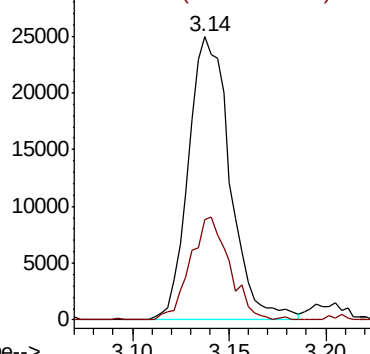
50 100

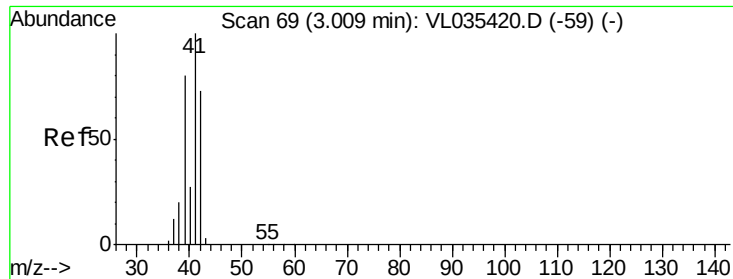
52 35.2 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 1.395 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

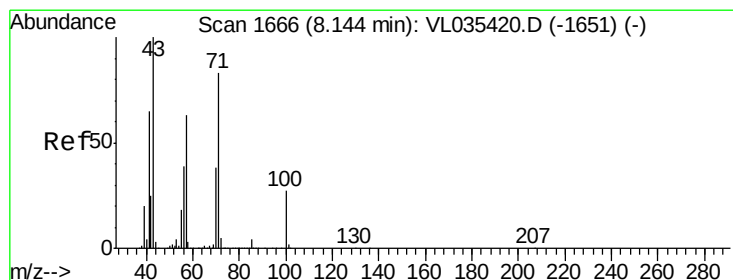
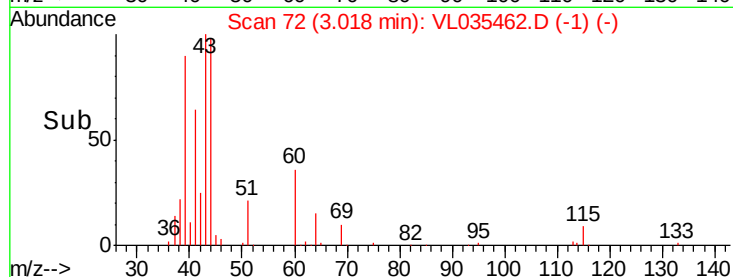
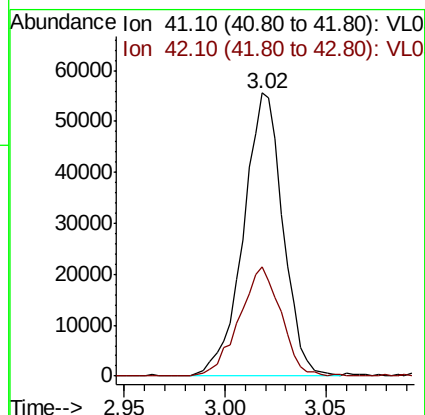
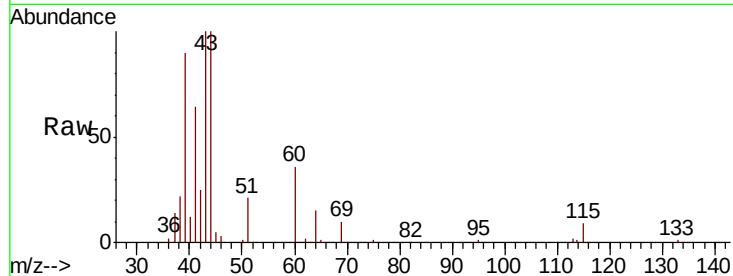
ClientSampleId :

Tot Ion: 41 Resp: 76494

Ion Ratio Lower Upper

41 100

42 40.7 55.5 83.3#



#10

Heptane

Concen: 0.126 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VL035462.D

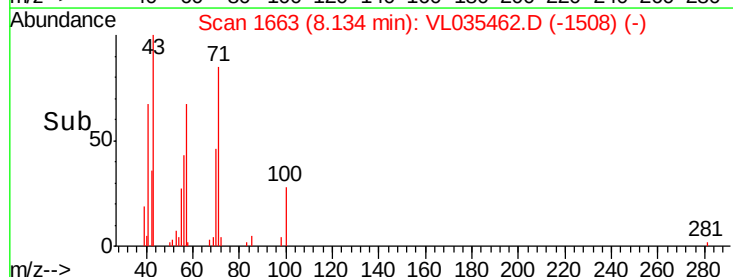
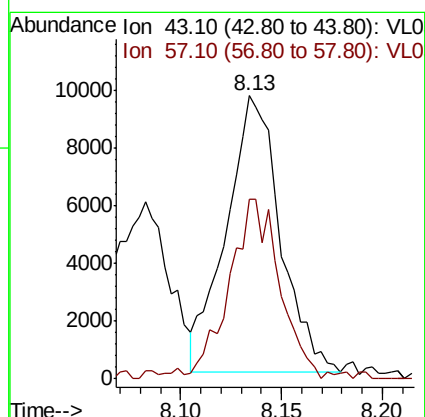
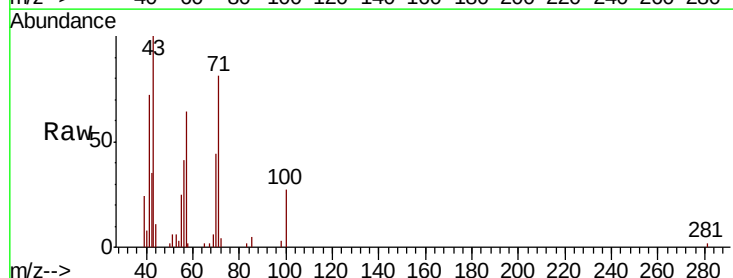
Acq: 19 Aug 2020 9:42

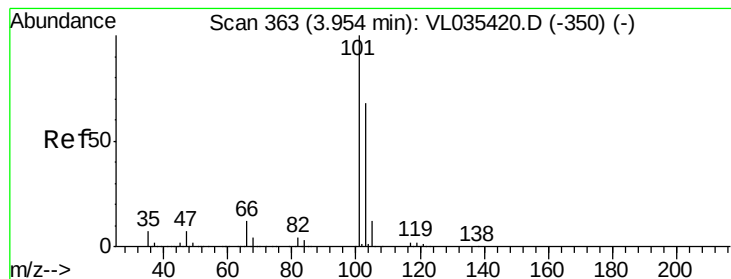
Tgt Ion: 43 Resp: 18050

Ion Ratio Lower Upper

43 100

57 63.5 39.8 59.6#





#11

Trichlorofluoromethane

Concen: 0.242 ppbv

RT: 3.95 min Scan# 362

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

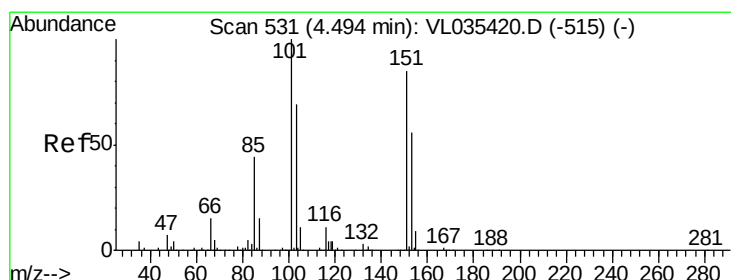
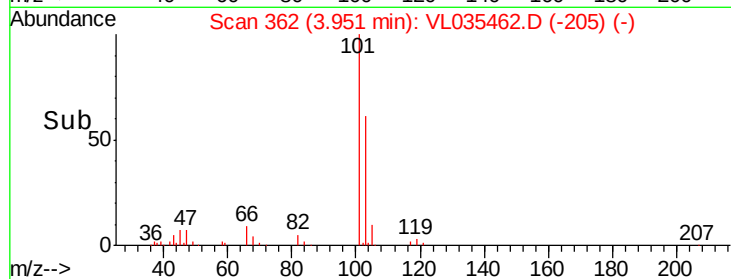
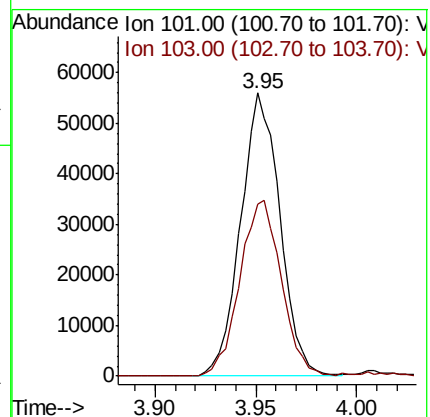
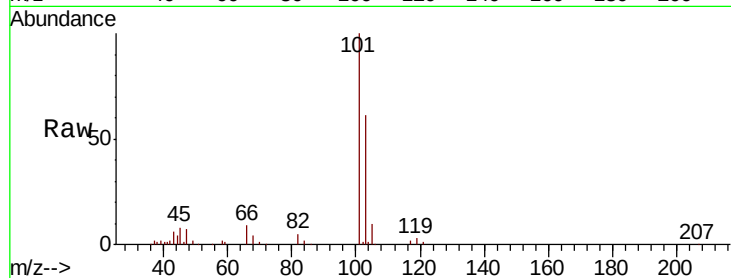
ClientSampleId :

Tot Ion:101 Resp: 76744

Ion Ratio Lower Upper

101 100

103 60.8 52.6 78.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.070 ppbv

RT: 4.49 min Scan# 531

Delta R.T. 0.01 min

Lab File: VL035462.D

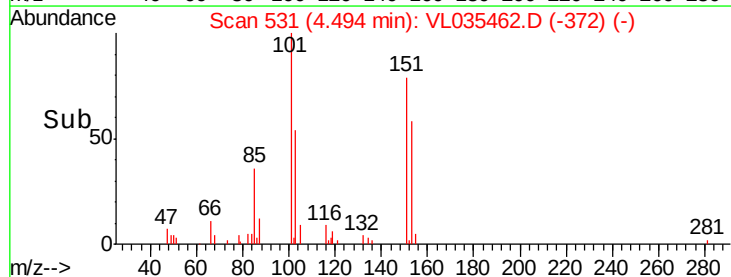
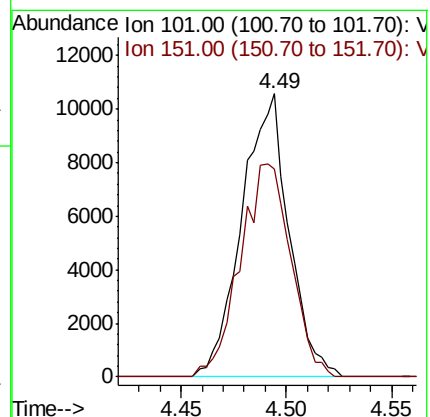
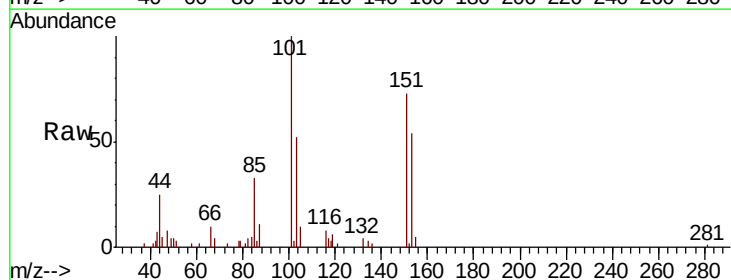
Acq: 19 Aug 2020 9:42

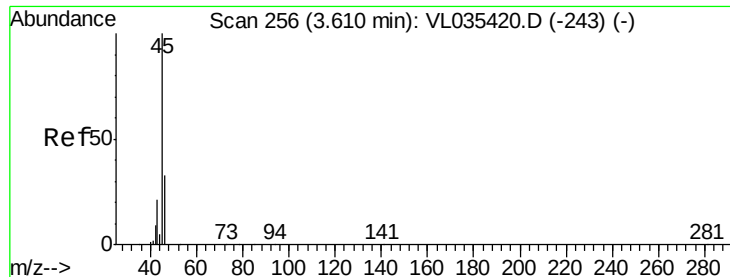
Tgt Ion:101 Resp: 16446

Ion Ratio Lower Upper

101 100

151 80.5 53.6 80.4#





#13

Ethanol

Concen: 12.966 ppbv

RT: 3.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

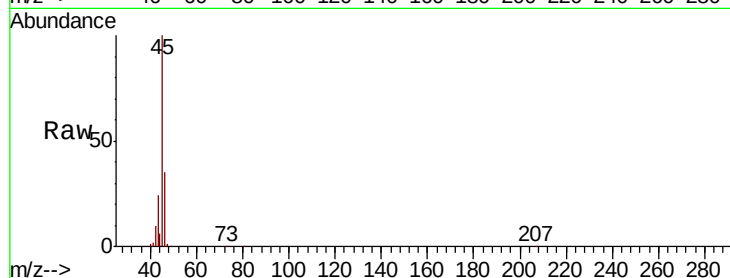
ClientSampleId :

Tot Ion: 45 Resp: 260570

Ion Ratio Lower Upper

45 100

46 36.2 14.2 56.6



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

3.60

150000

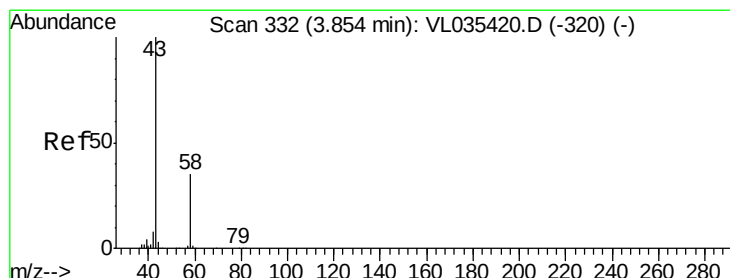
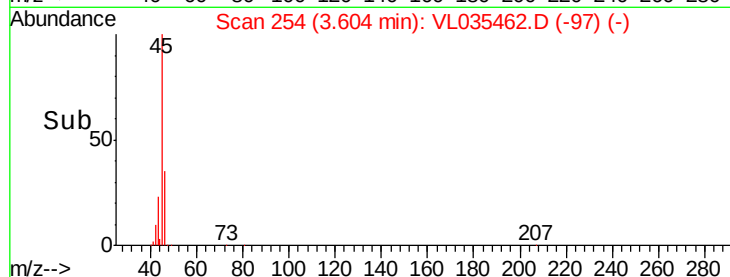
100000

50000

0

3.55 3.60 3.65

Time-->



#15

Acetone

Concen: 10.435 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.00 min

Lab File: VL035462.D

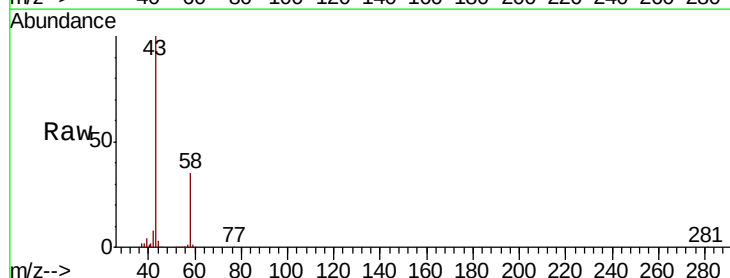
Acq: 19 Aug 2020 9:42

Tgt Ion: 43 Resp: 1307194

Ion Ratio Lower Upper

43 100

58 35.7 21.0 31.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.85

1000000

800000

600000

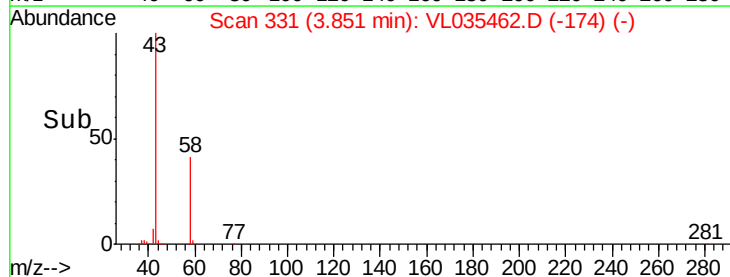
400000

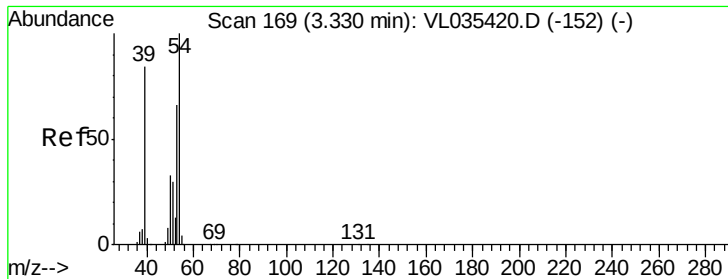
200000

0

3.80 3.85 3.90 3.95

Time-->





#16

1,3-Butadiene

Concen: 0.110 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.02 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

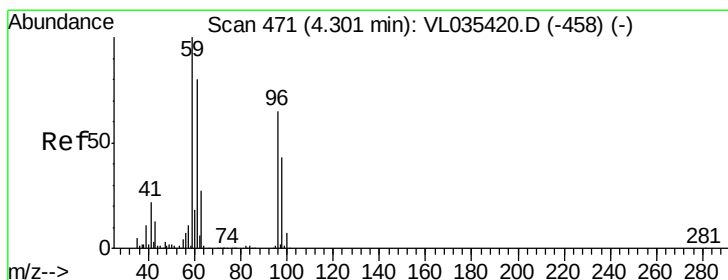
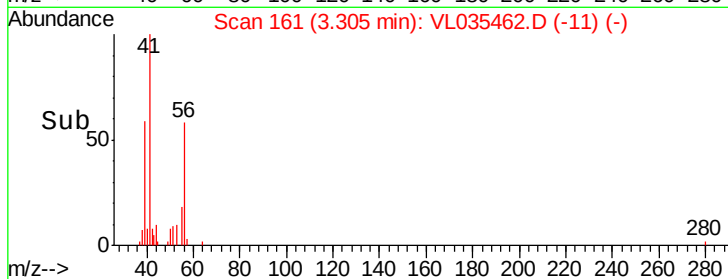
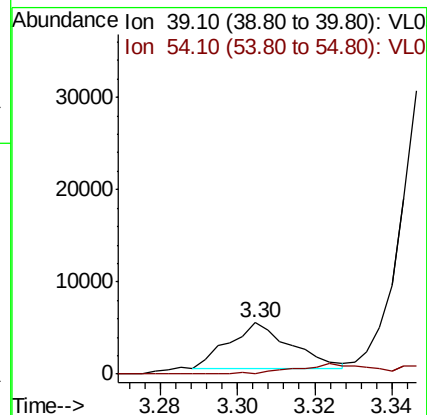
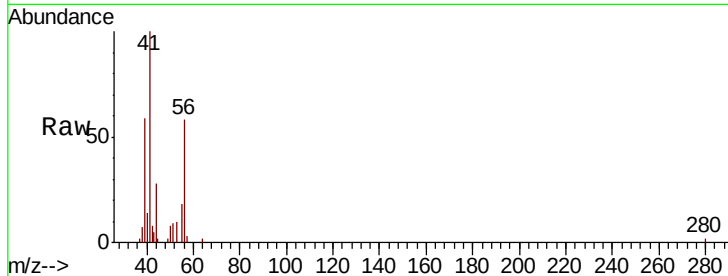
ClientSampleId :

Tot Ion: 39 Resp: 5583

Ion Ratio Lower Upper

39 100

54 23.0 64.4 96.6#



#17

tert-Butyl alcohol

Concen: 0.060 ppbv

RT: 4.31 min Scan# 474

Delta R.T. 0.02 min

Lab File: VL035462.D

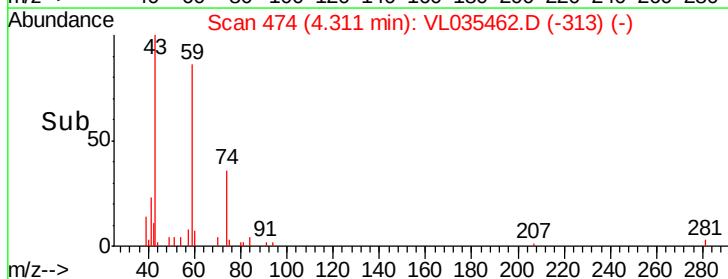
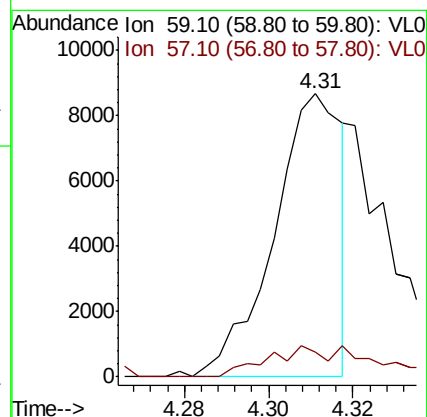
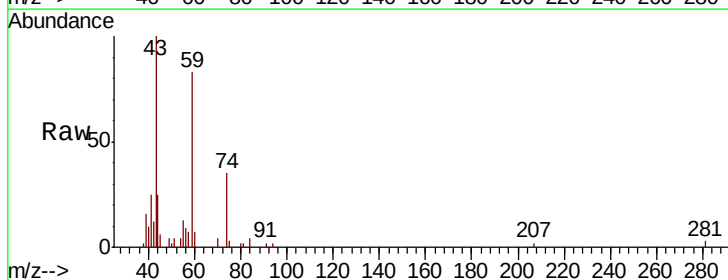
Acq: 19 Aug 2020 9:42

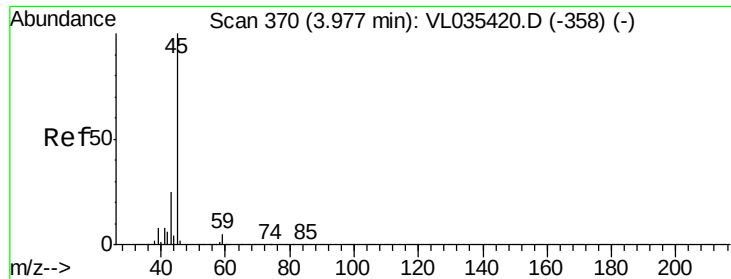
Tgt Ion: 59 Resp: 9709

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#





#19

Isopropyl Alcohol

Concen: 3.083 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

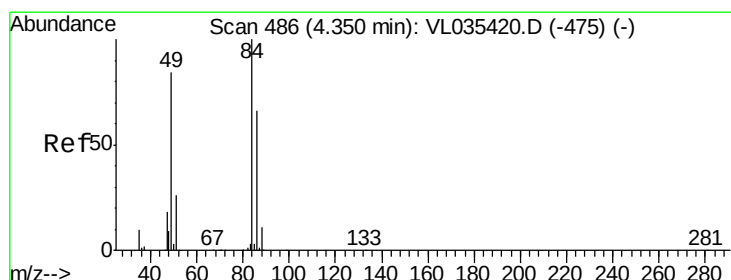
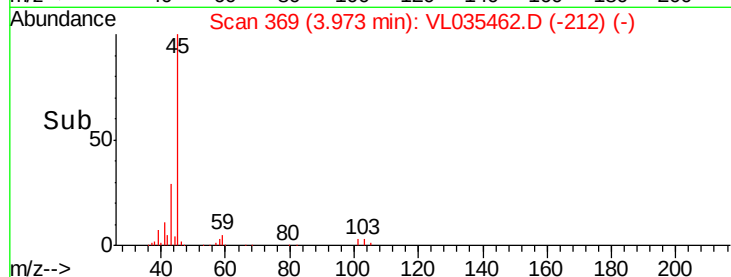
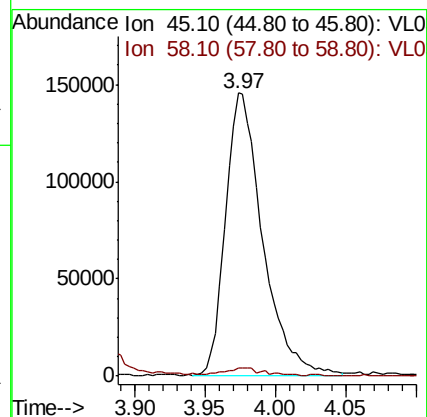
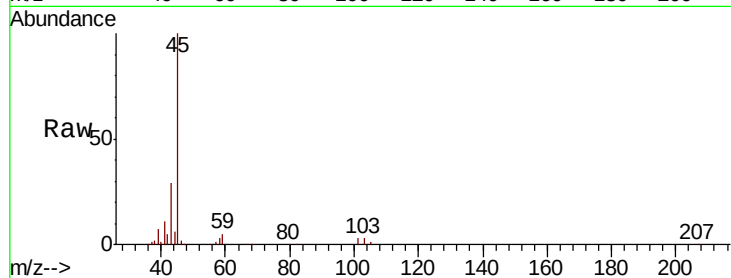
ClientSampleId :

Tot Ion: 45 Resp: 266169

Ion Ratio Lower Upper

45 100

58 175.7 1.0 1.6#



#20

Methylene Chloride

Concen: 5.280 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Tgt Ion: 84 Resp: 533628

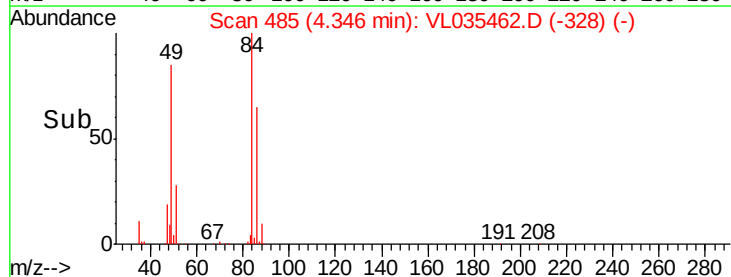
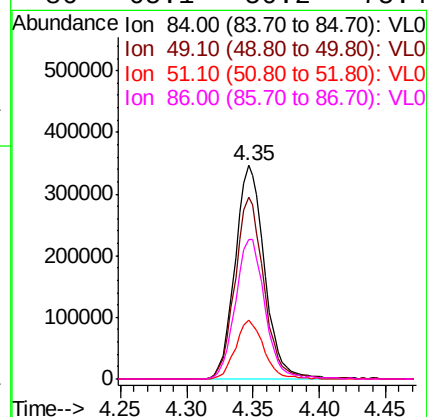
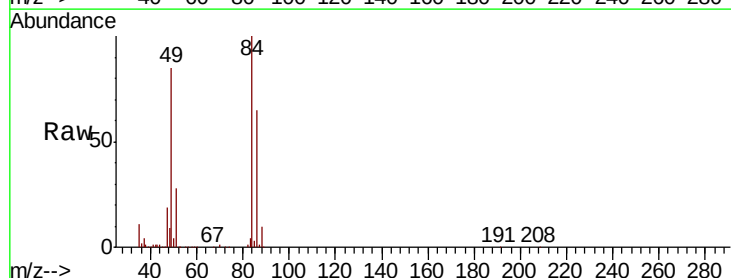
Ion Ratio Lower Upper

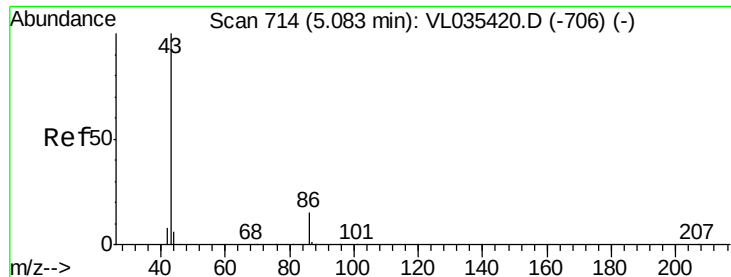
84 100

49 84.8 118.6 177.8#

51 27.6 36.4 54.6#

86 65.1 50.2 75.4





#23

Vinyl Acetate

Concen: 0.306 ppbv

RT: 5.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 54826

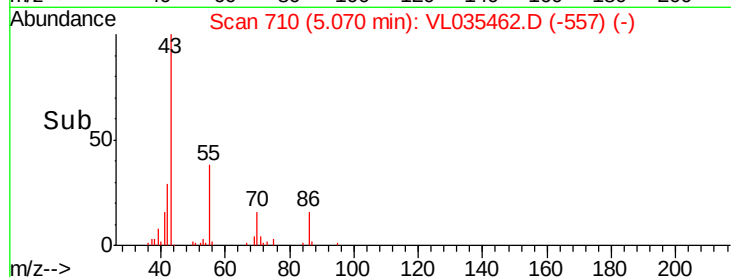
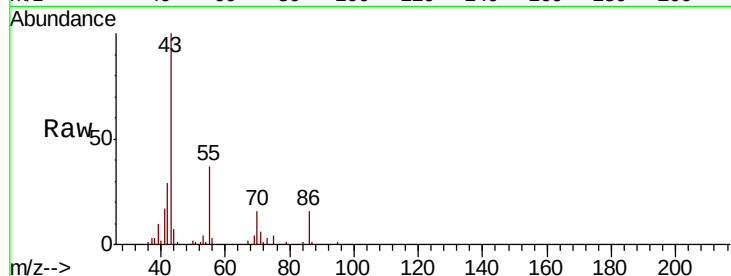
Ion Ratio Lower Upper

43 100

86 15.7 6.5 9.7#

42 28.7 8.3 12.5#

44 1.6 4.0 6.0#

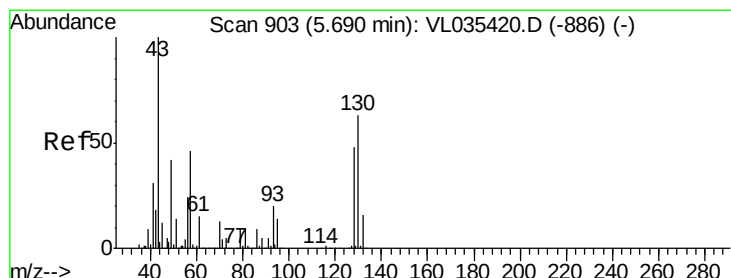
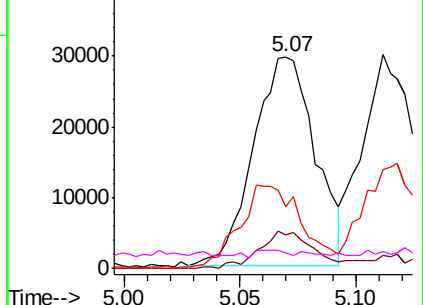


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 1.107 ppbv

RT: 5.69 min Scan# 904

Delta R.T. 0.01 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Tgt Ion: 43 Resp: 269832

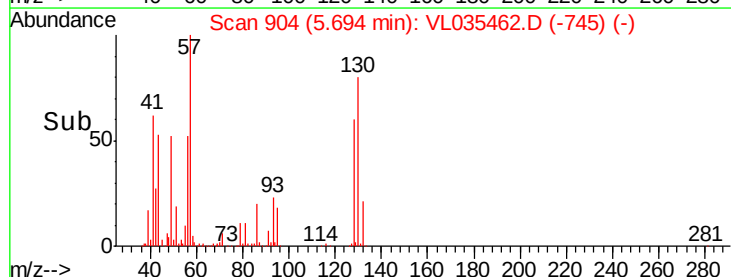
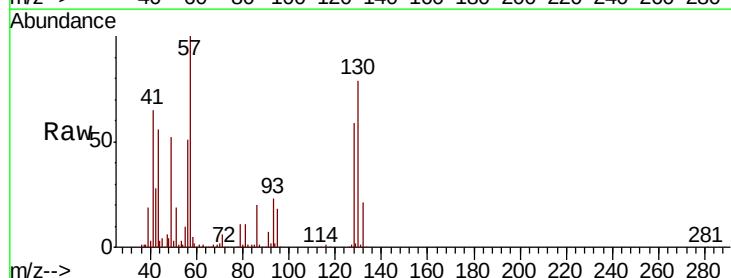
Ion Ratio Lower Upper

43 100

45 30.9 8.3 12.5#

61 4.0 7.6 11.4#

70 3.7 6.0 9.0#

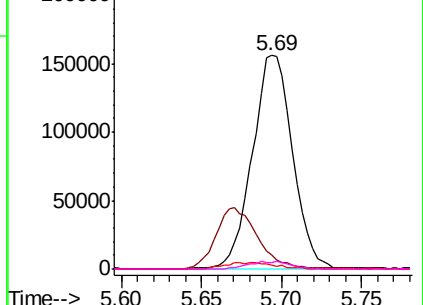


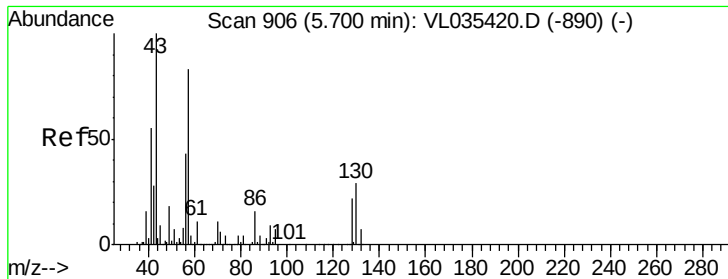
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 3.401 ppbv

RT: 5.69 min Scan# 904

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 467883

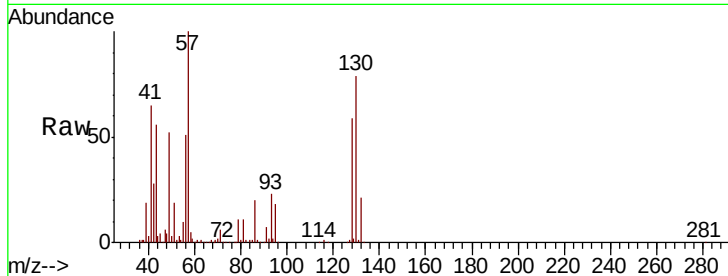
Ion Ratio Lower Upper

57 100

41 65.3 75.5 113.3#

43 58.4 181.7 272.5#

56 51.2 42.4 63.6

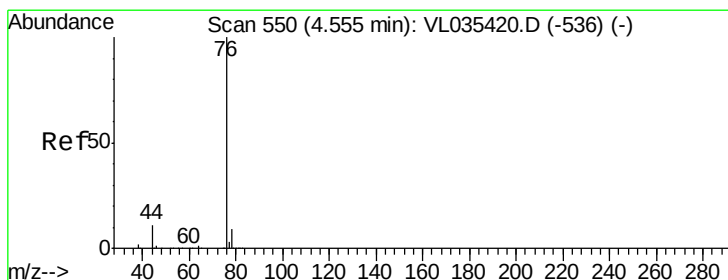
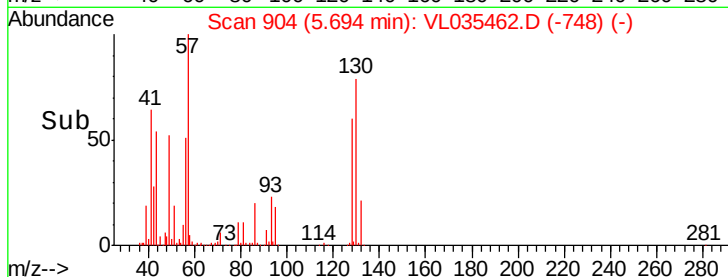
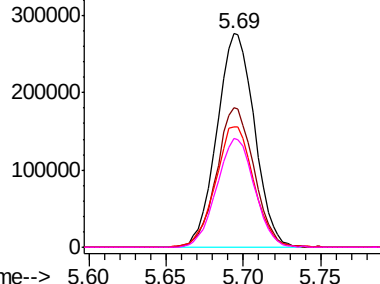


Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 4.56 min Scan# 550

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

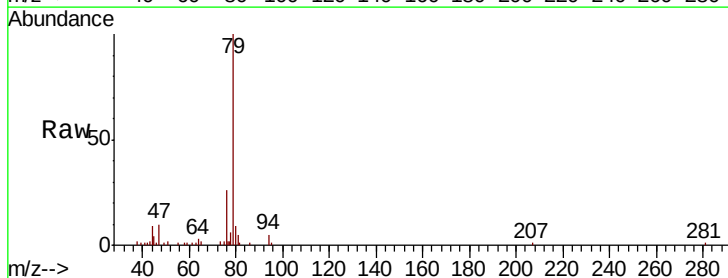
Tgt Ion: 76 Resp: 9619

Ion Ratio Lower Upper

76 100

44 35.0 16.8 25.2#

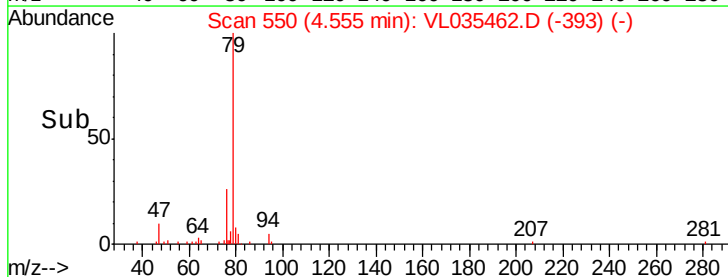
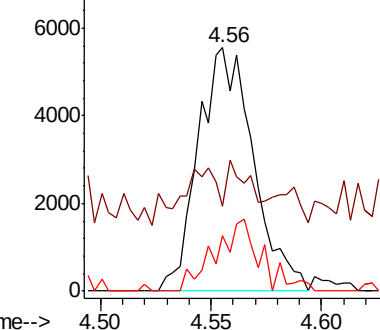
78 24.7 7.3 10.9#

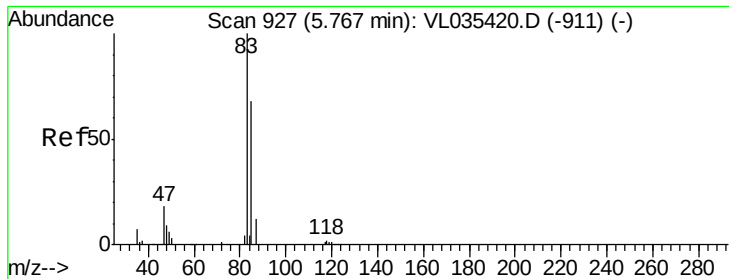


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

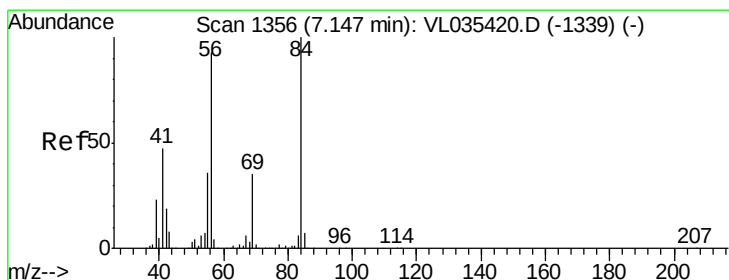
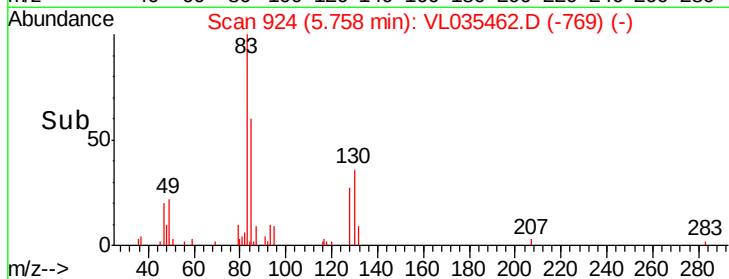
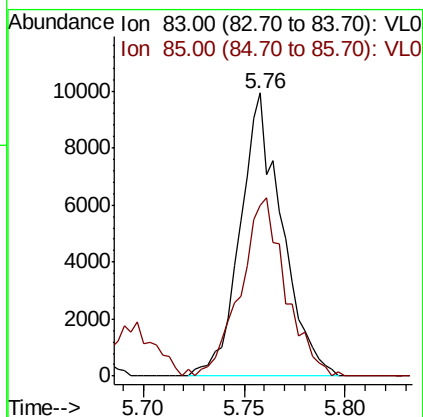
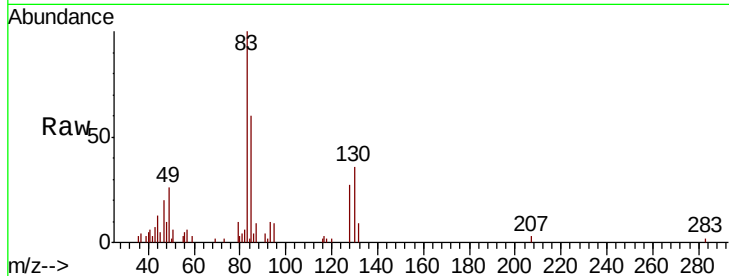




#29
Chloroform
Concen: 0.052 ppbv
RT: 5.76 min Scan# 924
Delta R.T. -0.00 min
Lab File: VL035462.D
Acq: 19 Aug 2020 9:42

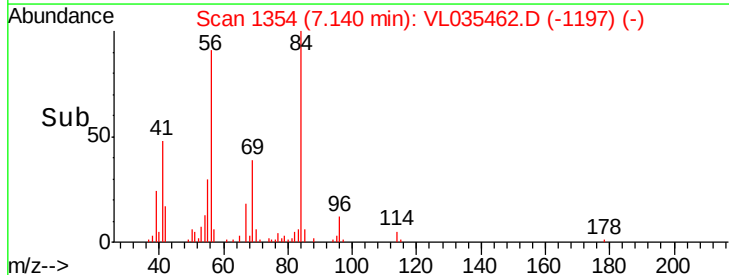
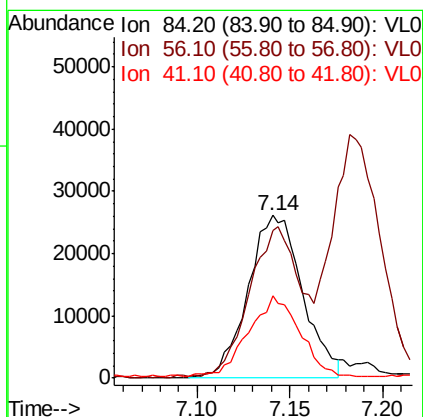
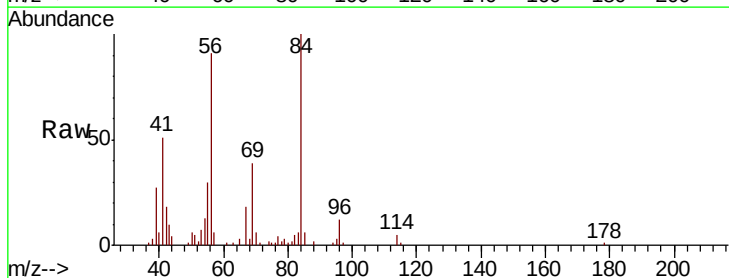
Instrument :
MSVOA_L
ClientSampled :

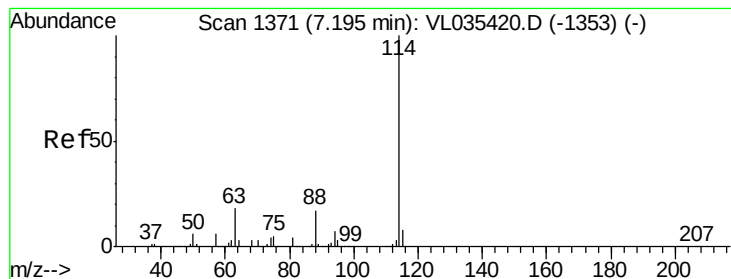
Tot Ion: 83 Resp: 14376
Ion Ratio Lower Upper
83 100
85 58.5 52.7 79.1



#30
Cyclohexane
Concen: 0.349 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL035462.D
Acq: 19 Aug 2020 9:42

Tgt Ion: 84 Resp: 53247
Ion Ratio Lower Upper
84 100
56 89.3 114.9 172.3#
41 47.9 72.3 108.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

ClientSampleId :

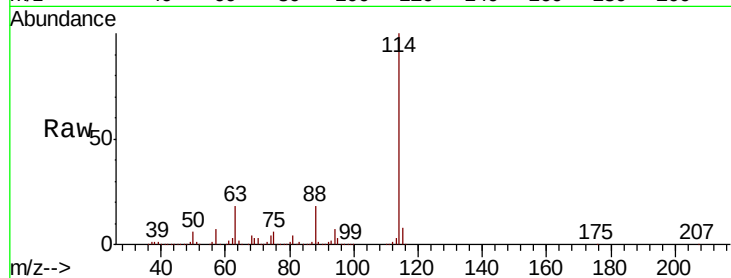
Tot Ion:114 Resp: 5079369

Ion Ratio Lower Upper

114 100

63 17.3 23.1 34.7#

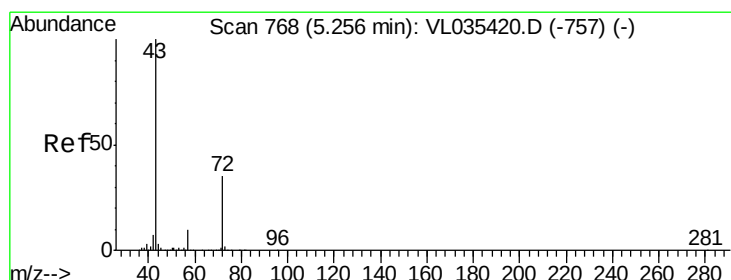
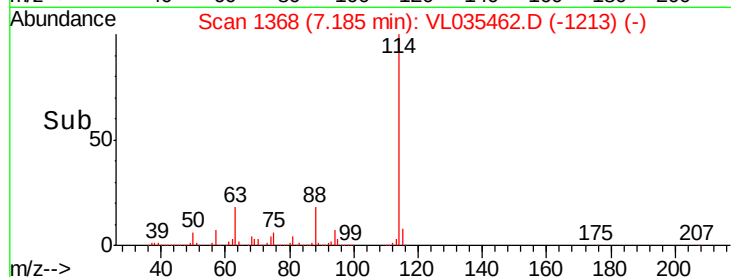
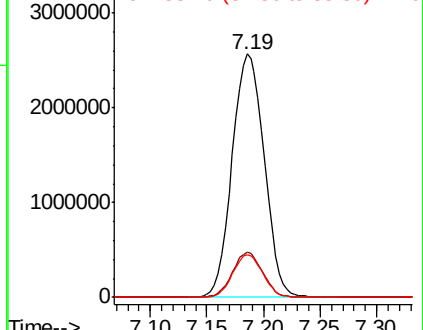
88 16.5 15.9 23.9



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.460 ppbv

RT: 5.26 min Scan# 770

Delta R.T. 0.01 min

Lab File: VL035462.D

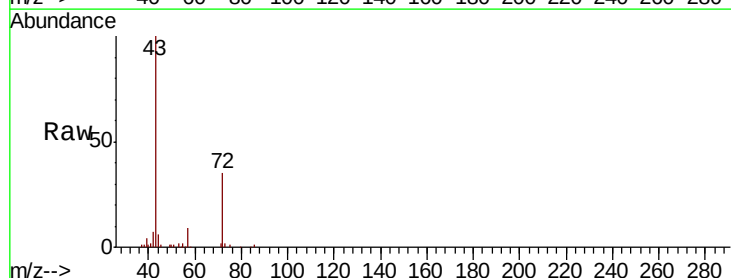
Acq: 19 Aug 2020 9:42

Tgt Ion: 43 Resp: 78053

Ion Ratio Lower Upper

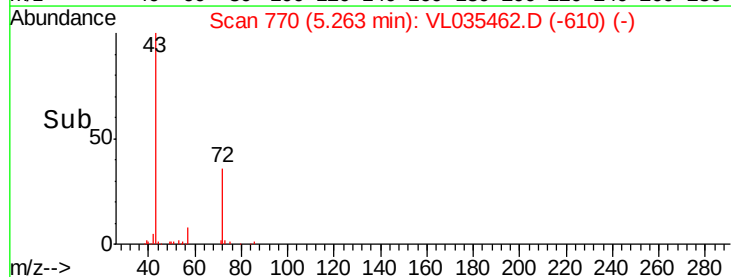
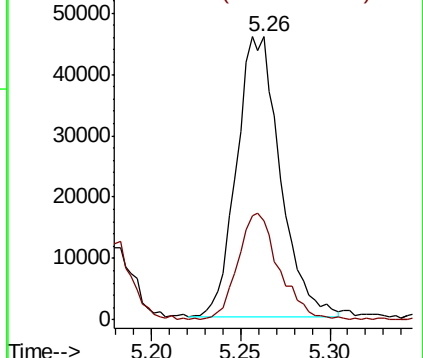
43 100

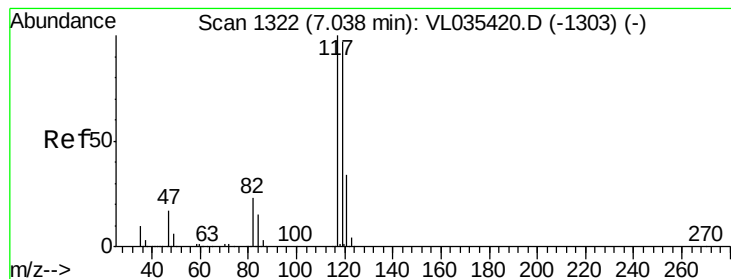
72 36.2 17.6 26.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.062 ppbv

RT: 7.03 min Scan# 1319

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

ClientSampleId :

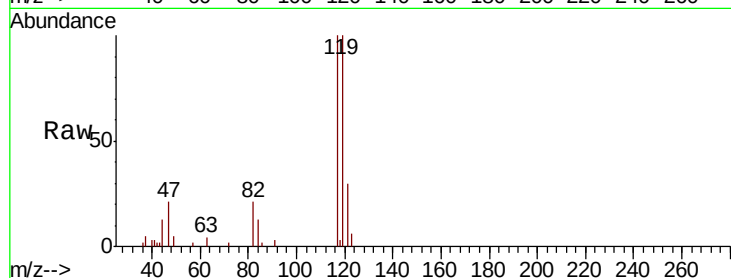
Tot Ion:117 Resp: 16677

Ion Ratio Lower Upper

117 100

119 99.7 76.1 114.1

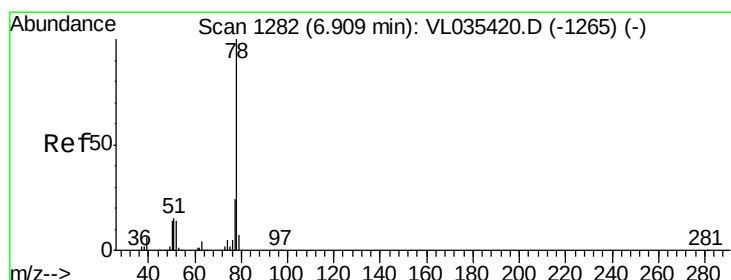
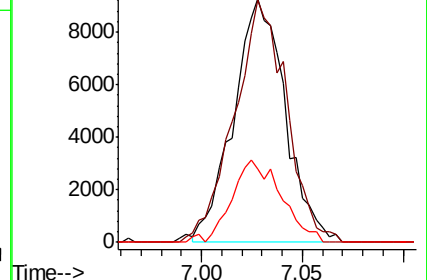
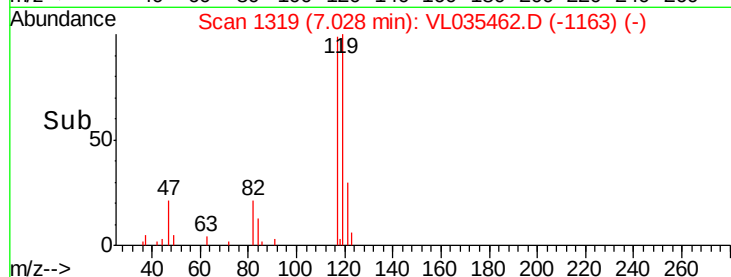
121 30.0 25.5 38.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.148 ppbv

RT: 6.90 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

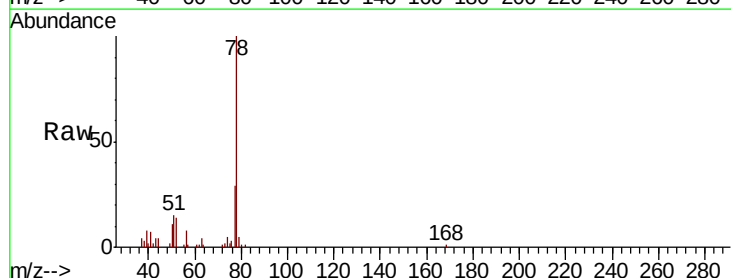
Tgt Ion: 78 Resp: 55203

Ion Ratio Lower Upper

78 100

77 28.5 19.6 29.4

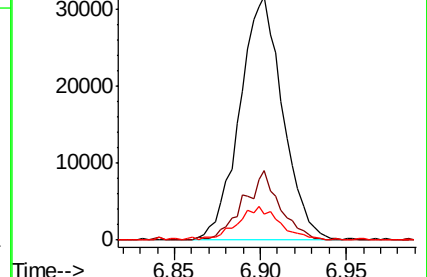
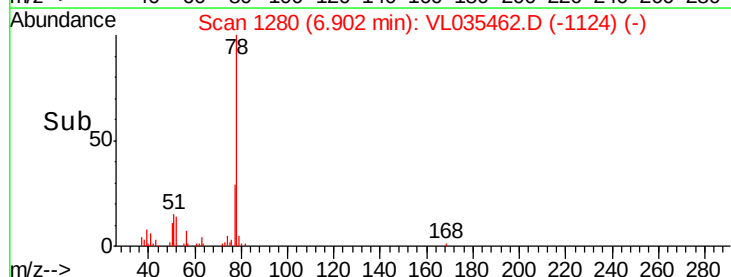
50 10.9 16.3 24.5#

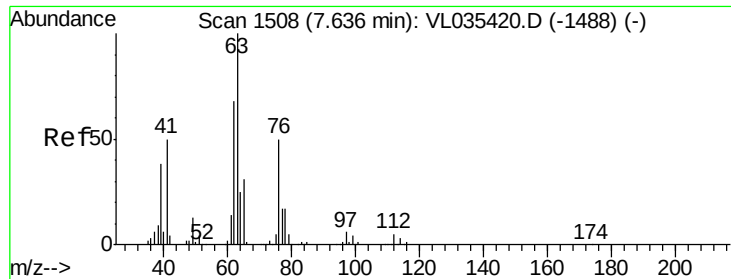


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

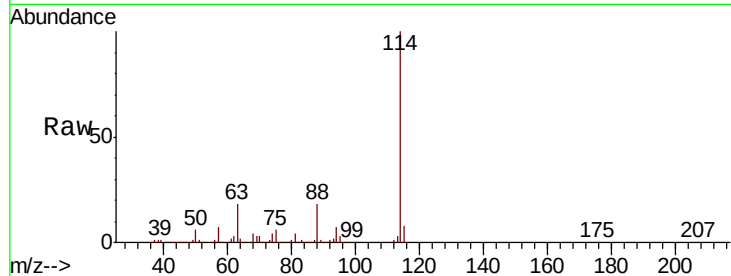




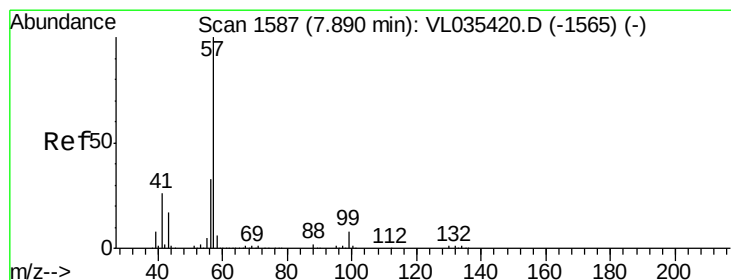
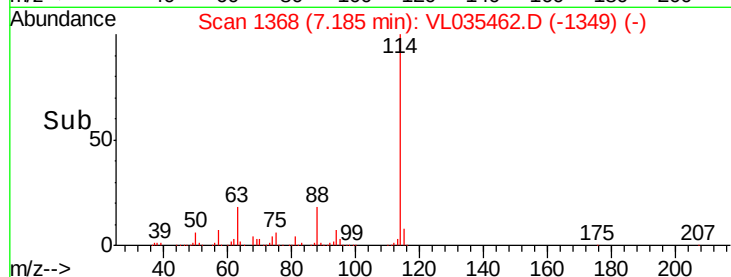
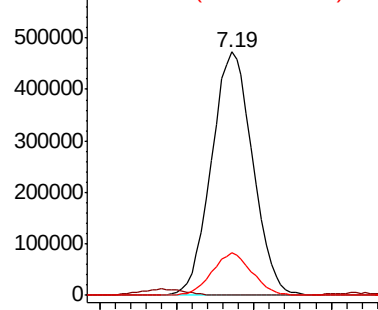
#39
 1,2-Dichloropropane
 Concen: 7.125 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.44 min
 Lab File: VL035462.D
 Acq: 19 Aug 2020 9:42

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.1	91.7#
62	17.4	55.3	82.9#

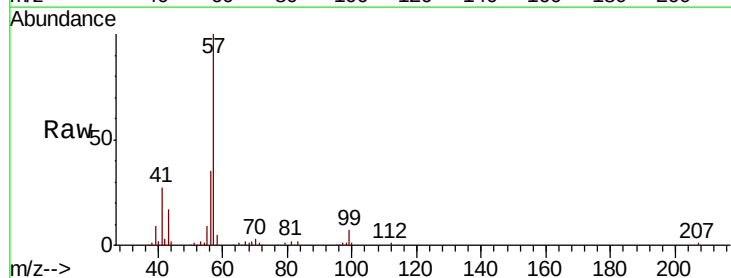


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

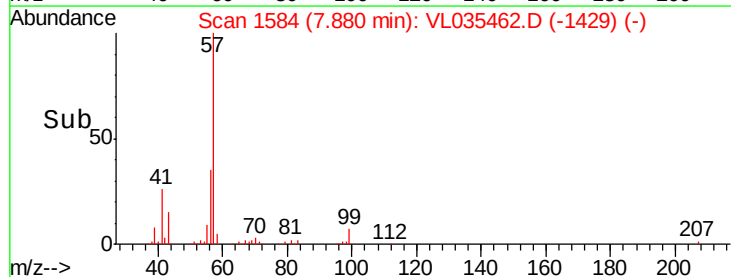
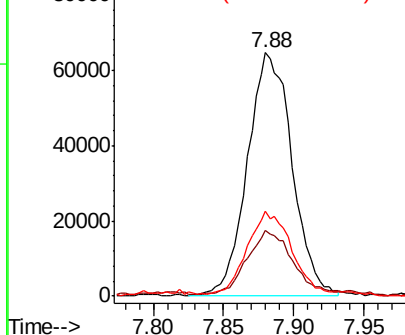


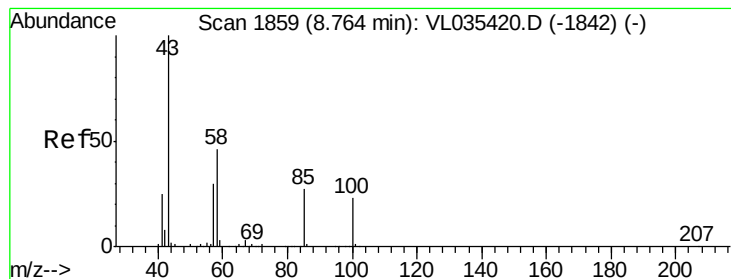
#44
 2,2,4-Trimethylpentane
 Concen: 0.292 ppbv
 RT: 7.88 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VL035462.D
 Acq: 19 Aug 2020 9:42

Tgt Ion	Ratio	Lower	Upper
57	100		
41	30.0	27.2	40.8
56	36.5	25.4	38.0



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





#50

4-Methyl-2-Pentanone

Concen: 0.811 ppbv

RT: 8.77 min Scan# 1861

Delta R.T. 0.02 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

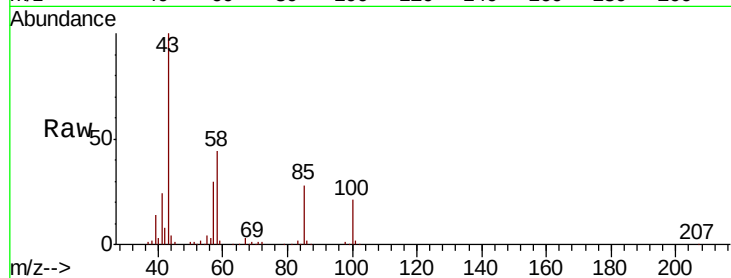
ClientSampleId :

Tot Ion: 43 Resp: 197345

Ion Ratio Lower Upper

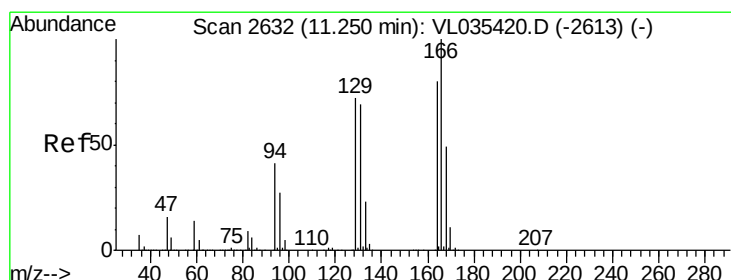
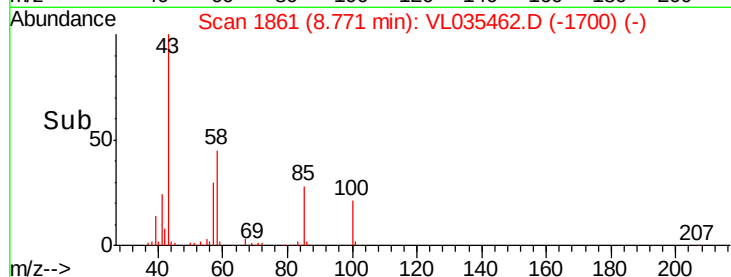
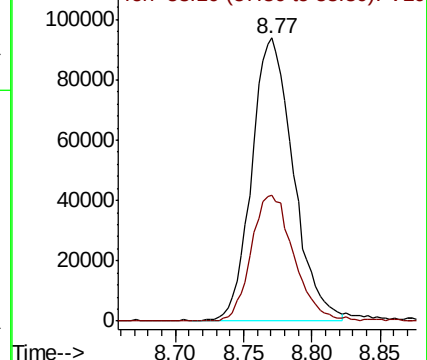
43 100

58 46.6 28.7 43.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#52

Tetrachloroethene

Concen: 0.055 ppbv

RT: 11.25 min Scan# 2631

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Tgt Ion: 164 Resp: 12472

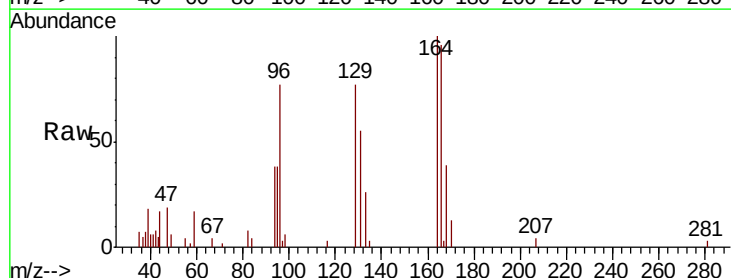
Ion Ratio Lower Upper

164 100

166 96.3 103.4 155.0#

129 76.5 90.2 135.4#

131 54.6 91.7 137.5#

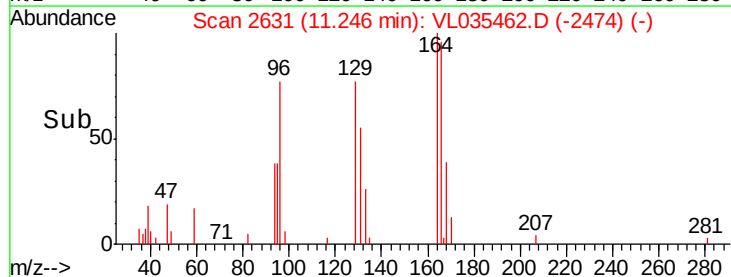
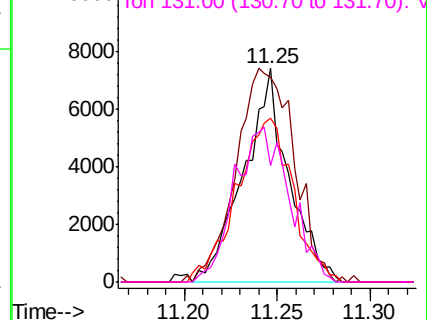


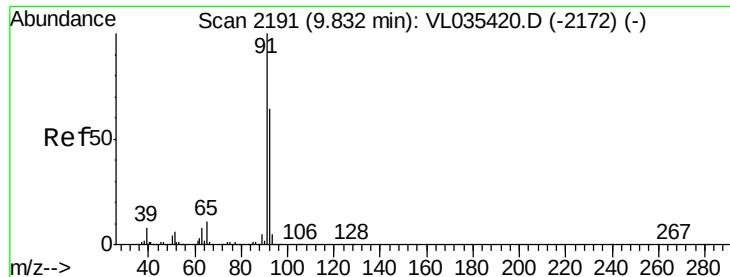
Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.916 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

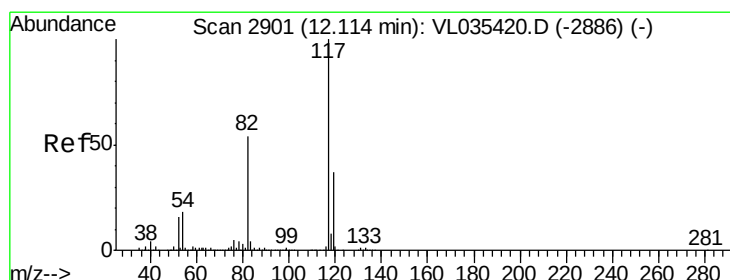
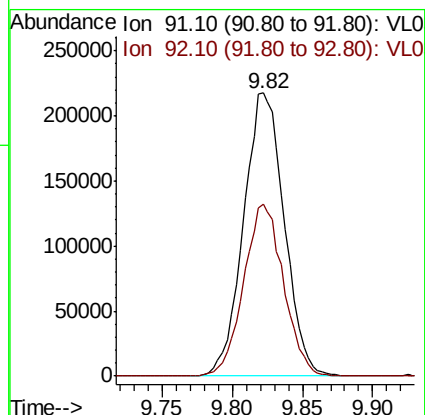
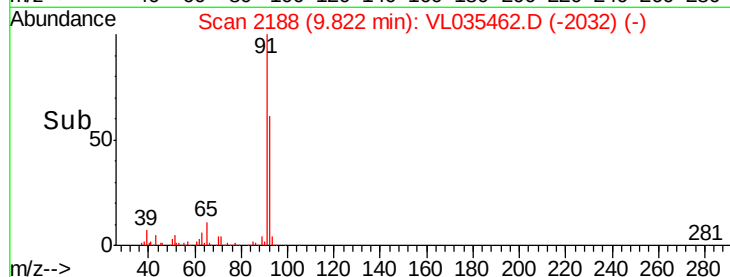
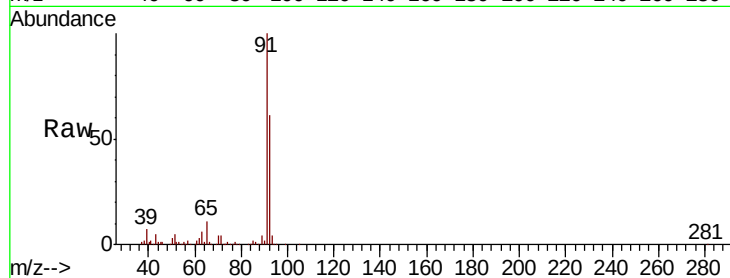
ClientSampleId :

Tot Ion: 91 Resp: 440038

Ion Ratio Lower Upper

91 100

92 59.4 49.1 73.7



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

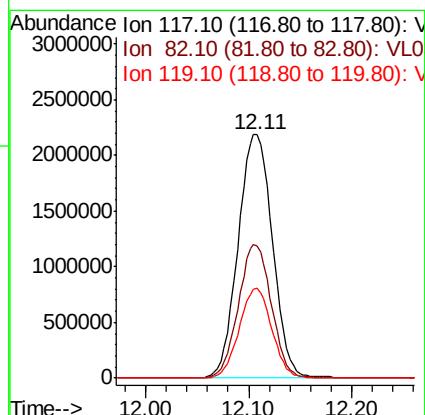
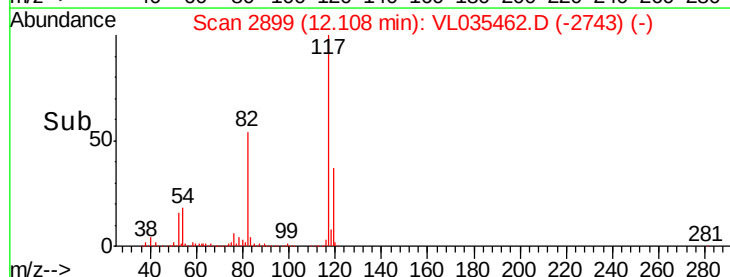
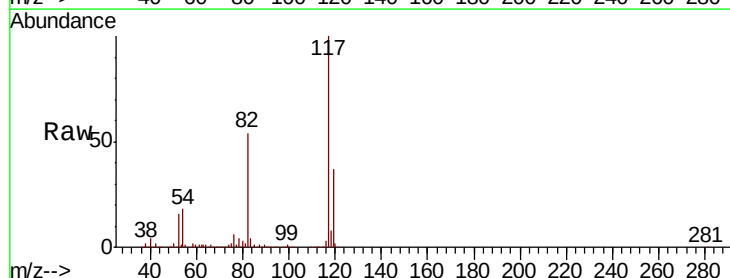
Tgt Ion: 117 Resp: 5079317

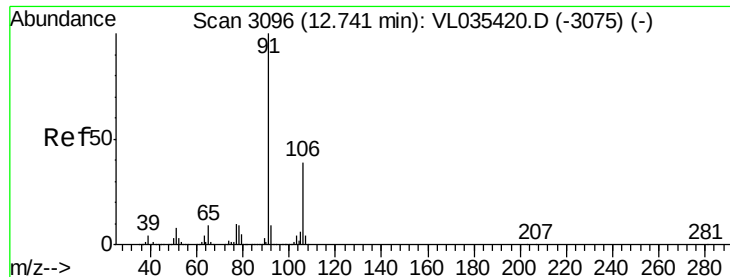
Ion Ratio Lower Upper

117 100

82 52.9 57.4 86.0#

119 35.1 28.4 42.6





#58

Ethyl Benzene

Concen: 0.194 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

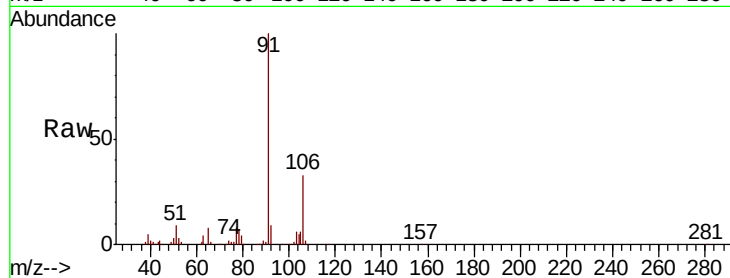
ClientSampled :

Tot Ion: 91 Resp: 118701

Ion Ratio Lower Upper

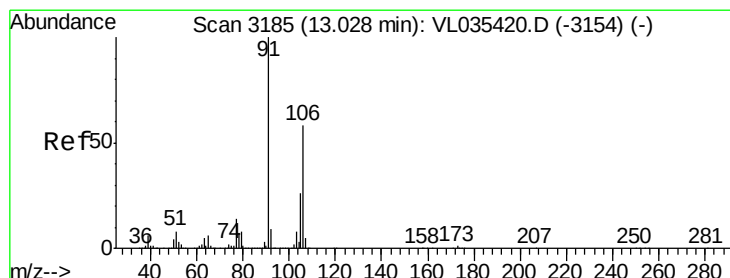
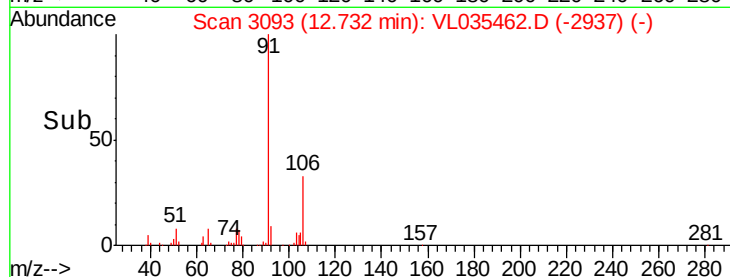
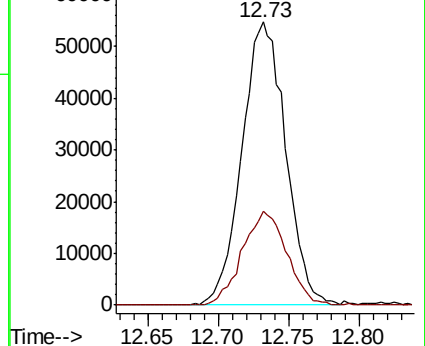
91 100

106 33.0 24.1 36.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.156 ppbv

RT: 13.02 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VL035462.D

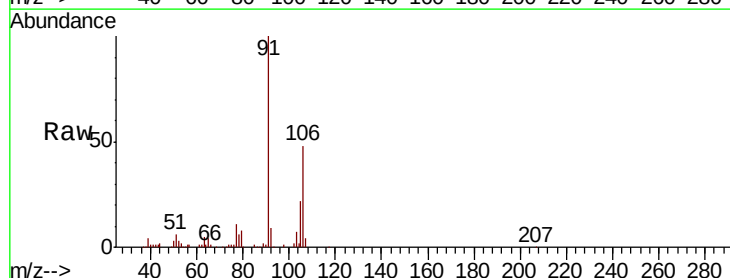
Acq: 19 Aug 2020 9:42

Tgt Ion: 91 Resp: 80689

Ion Ratio Lower Upper

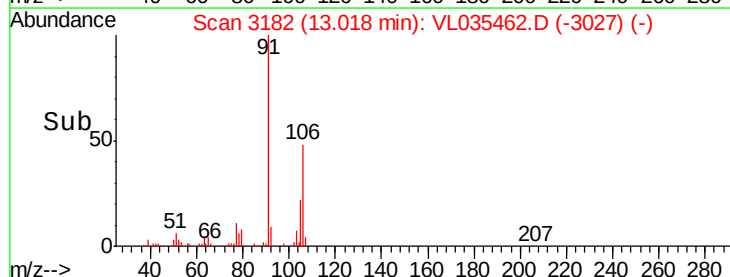
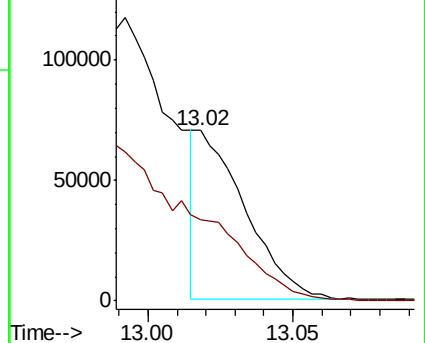
91 100

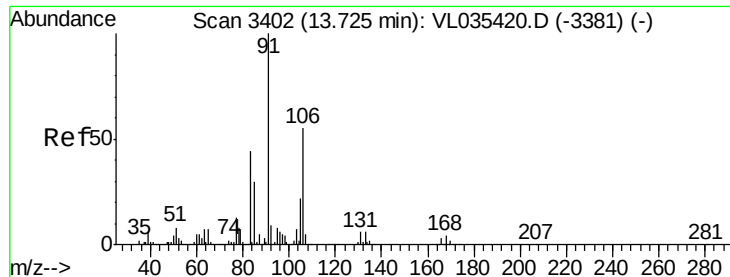
106 0.0 34.0 51.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#60

o-Xylene

Concen: 0.219 ppbv

RT: 13.72 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

Instrument :

MSVOA_L

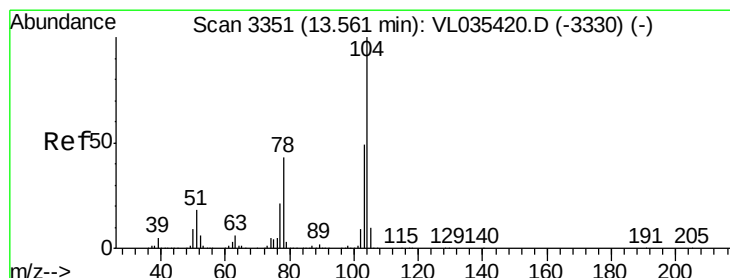
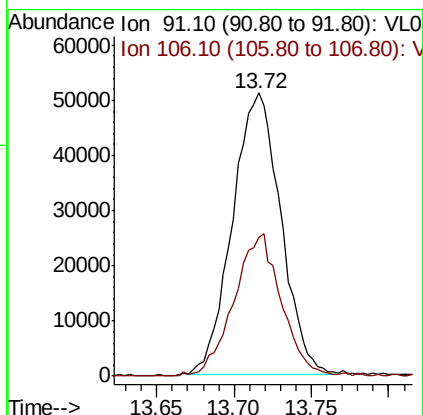
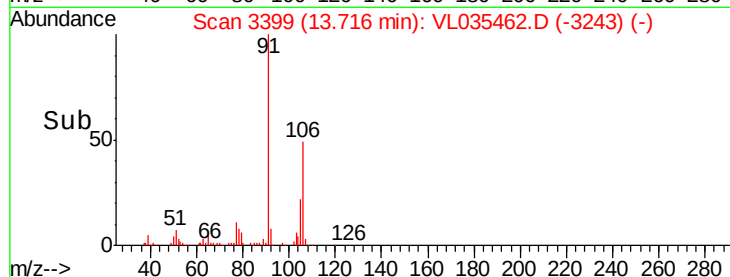
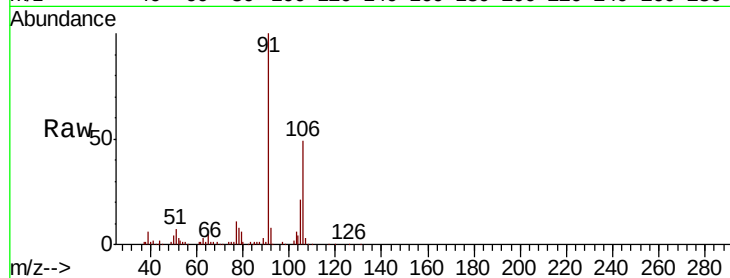
ClientSampled :

Tot Ion: 91 Resp: 110344

Ion Ratio Lower Upper

91 100

106 50.3 21.8 65.3



#61

Styrene

Concen: 0.180 ppbv

RT: 13.55 min Scan# 3348

Delta R.T. 0.00 min

Lab File: VL035462.D

Acq: 19 Aug 2020 9:42

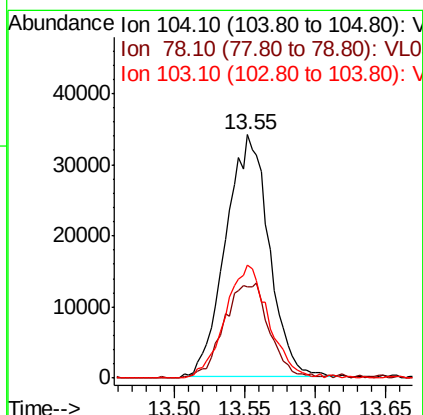
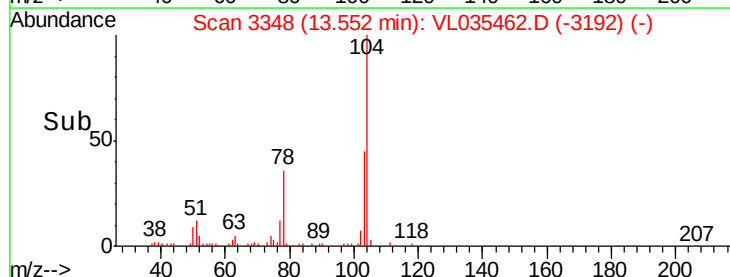
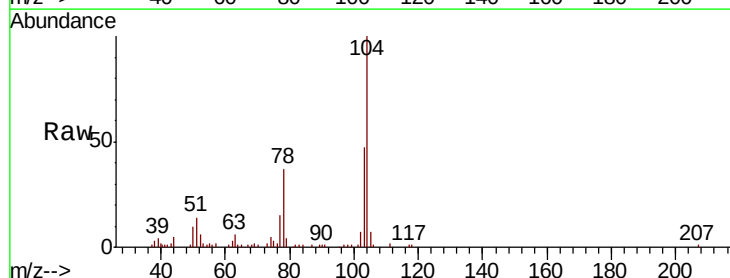
Tgt Ion: 104 Resp: 73188

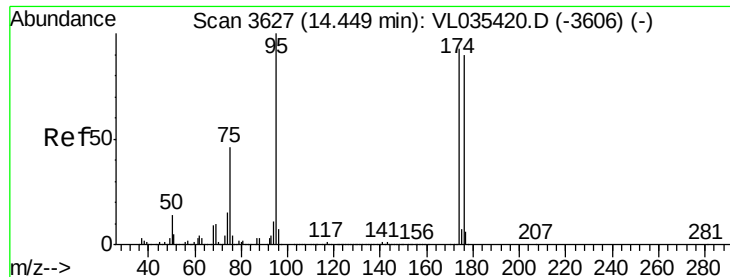
Ion Ratio Lower Upper

104 100

78 40.9 45.4 68.2#

103 47.1 37.8 56.8

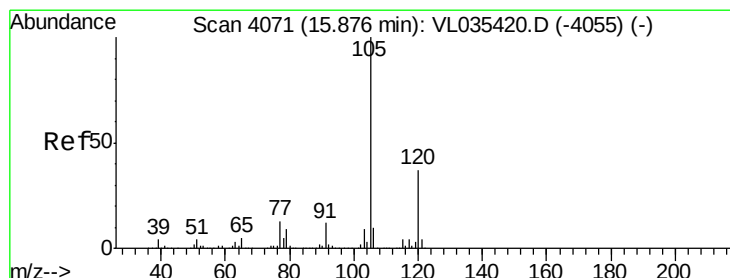
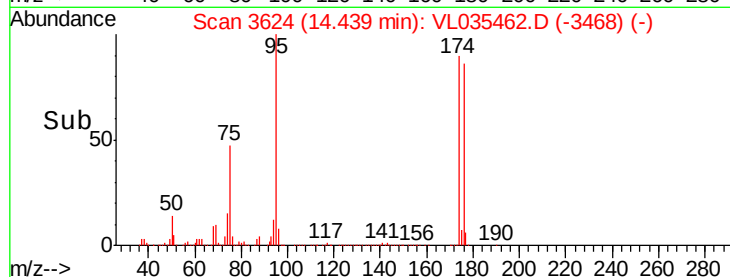
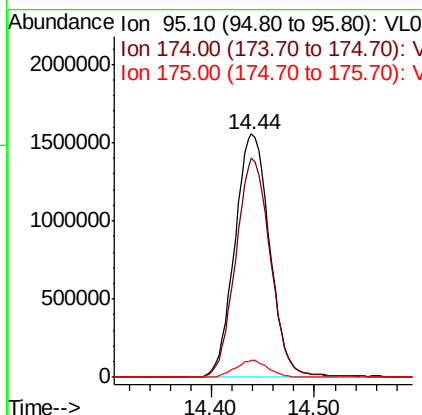
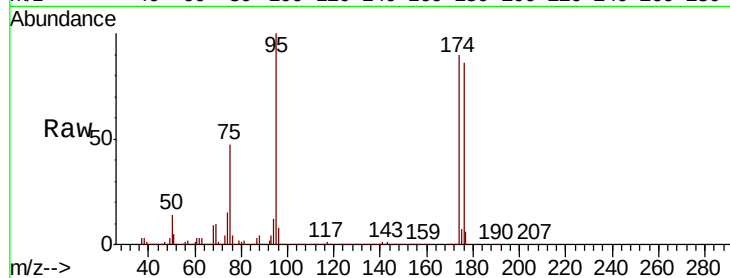




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.322 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VL035462.D
 Acq: 19 Aug 2020 9:42

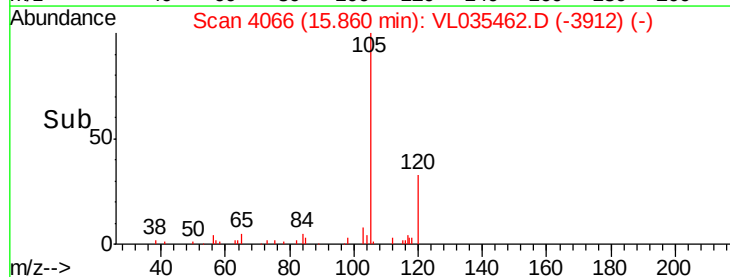
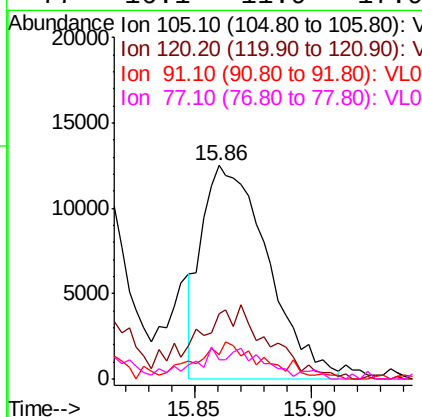
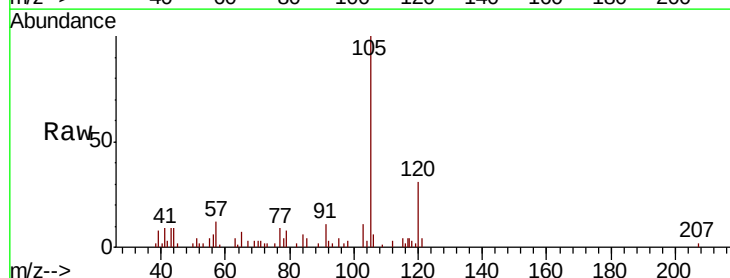
Instrument :
 MSVOA_L
 ClientSampleId :

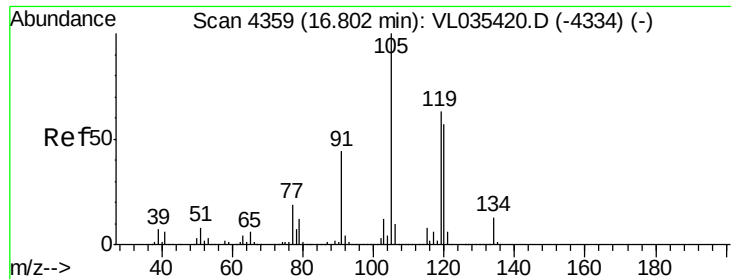
Tot Ion: 95 Resp: 3670586
 Ion Ratio Lower Upper
 95 100
 174 90.2 44.0 66.0#
 175 6.6 3.2 4.8#



#72
 4-Ethyltoluene
 Concen: 0.037 ppbv
 RT: 15.86 min Scan# 4066
 Delta R.T. -0.01 min
 Lab File: VL035462.D
 Acq: 19 Aug 2020 9:42

Tgt Ion: 105 Resp: 24574
 Ion Ratio Lower Upper
 105 100
 120 39.1 22.7 34.1#
 91 17.8 10.8 16.2#
 77 16.1 11.9 17.9

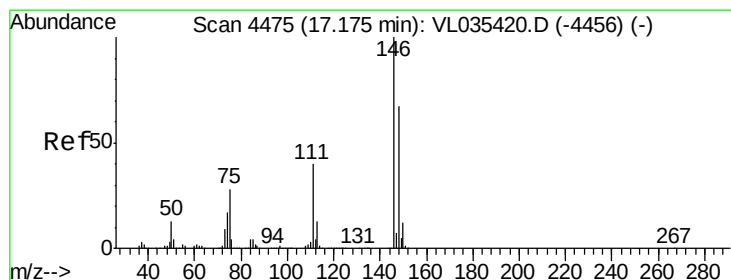
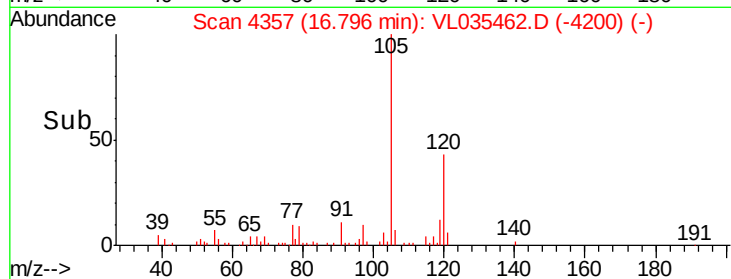
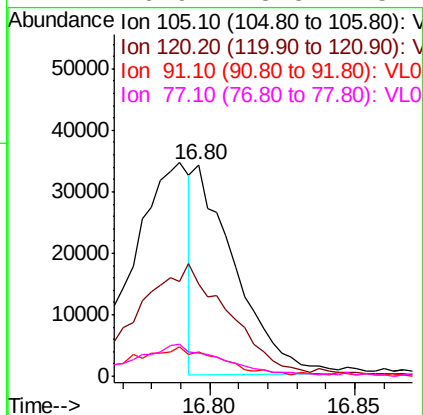
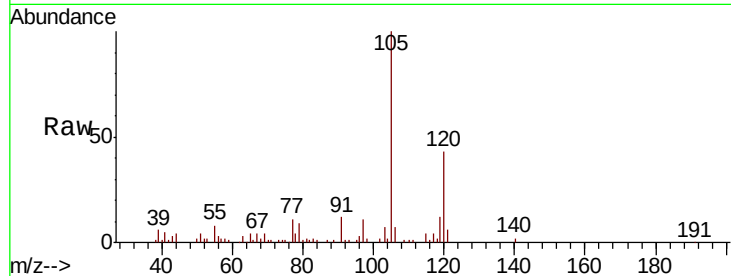




#74
 1,2,4-Trimethylbenzene
 Concen: 0.051 ppbv
 RT: 16.80 min Scan# 4357
 Delta R.T. 0.00 min
 Lab File: VL035462.D
 Acq: 19 Aug 2020 9:42

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
105	100		
120	42.7	37.8	56.8
91	10.3	40.0	60.0#
77	10.9	18.8	28.2#



#76
 1,4-Dichlorobenzene
 Concen: 0.084 ppbv
 RT: 17.17 min Scan# 4473
 Delta R.T. 0.00 min
 Lab File: VL035462.D
 Acq: 19 Aug 2020 9:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.5	24.8	74.4
148	65.7	32.1	96.3

