

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036286.D
 Acq On : 29 Jan 2021 00:33
 Operator : SY/AP
 Sample : M1245-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 29 02:29:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1419113	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3282386	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2963142	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2426156	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

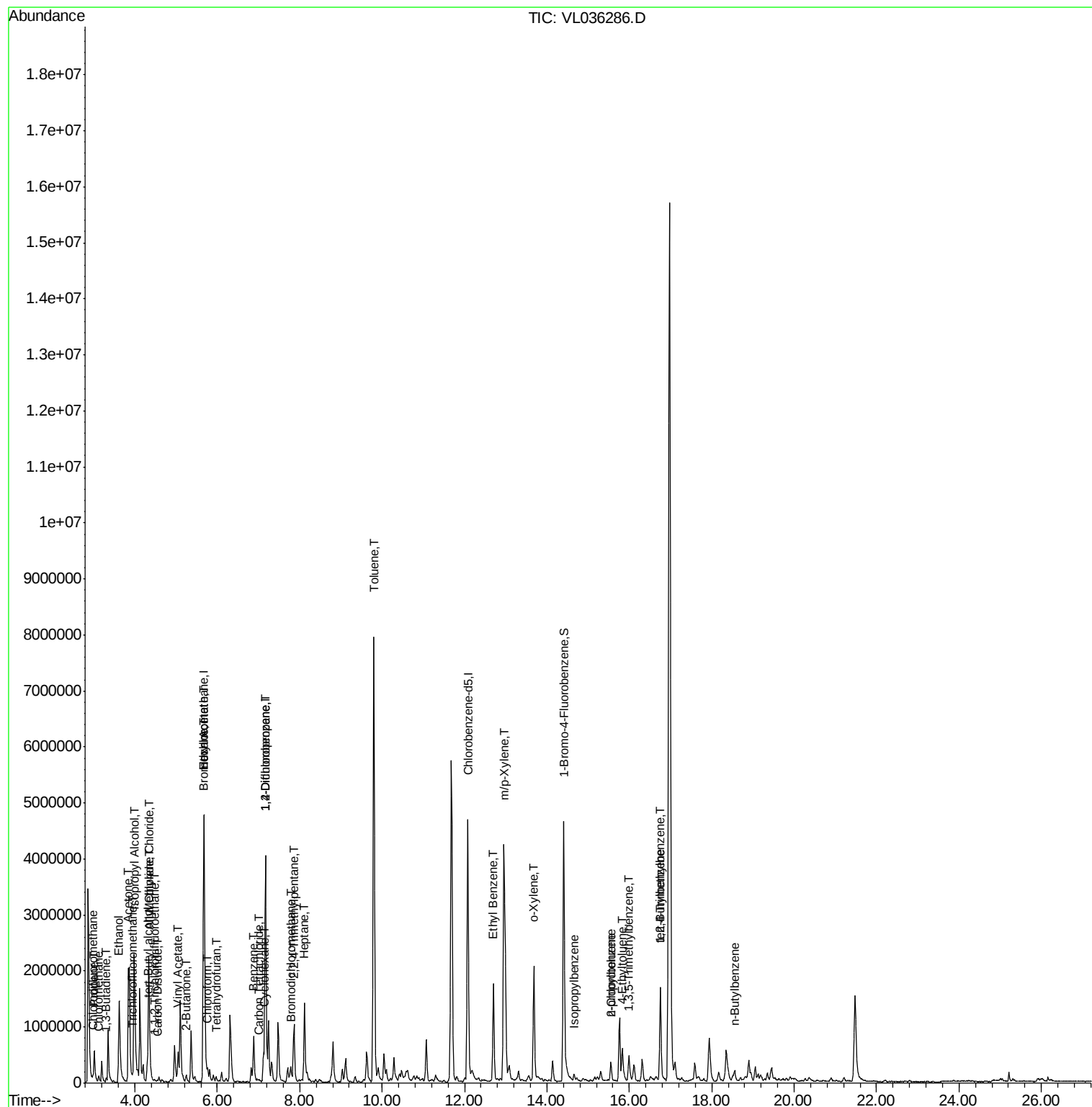
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	170750	0.980	ppbv #	90
4) Chloromethane	3.13	50	50493	0.586	ppbv	89
9) Propene	3.01	41	164549	1.983	ppbv #	73
10) Heptane	8.11	43	671058	3.257	ppbv	97
11) Trichlorofluoromethane	3.94	101	50655	0.262	ppbv	84
12) 1,1,2-Trichlorotrifluoroet	4.48	101	6148	0.052	ppbv #	44
13) Ethanol	3.62	45	2227327	170.909	ppbv	84
15) Acetone	3.84	43	3171636	18.249	ppbv	90
16) 1,3-Butadiene	3.30	39	34887	0.412	ppbv #	29
17) tert-Butyl alcohol	4.31	59	362025	2.524	ppbv	96
19) Isopropyl Alcohol	3.98	45	3604736	34.403	ppbv #	97
20) Methylene Chloride	4.34	84	790788	14.256	ppbv	98
21) Allyl Chloride	4.35	41	84558	0.894	ppbv #	51
23) Vinyl Acetate	5.05	43	174489	0.829	ppbv #	1
25) Ethyl Acetate	5.68	43	1296385	3.715	ppbv #	79
26) Hexane	5.68	57	1712738	11.790	ppbv #	38
27) Carbon Disulfide	4.54	76	13770	0.119	ppbv #	1
29) Chloroform	5.75	83	6472	0.031	ppbv	89
30) Cyclohexane	7.13	84	89011	0.802	ppbv #	1
34) 2-Butanone	5.24	43	66957	0.277	ppbv #	56
35) Carbon Tetrachloride	7.01	117	11027	0.053	ppbv #	70
36) Benzene	6.88	78	735672	2.446	ppbv	95
39) 1,2-Dichloropropane	7.17	63	941714	7.712	ppbv #	21
41) Tetrahydrofuran	5.97	42	8423	0.060	ppbv #	42
42) Bromodichloromethane	7.78	83	15389	0.068	ppbv #	31
44) 2,2,4-Trimethylpentane	7.86	57	882914	1.598	ppbv #	86
53) Toluene	9.80	91	6755602	20.080	ppbv	97
58) Ethyl Benzene	12.70	91	1627559	3.701	ppbv	96
59) m/p-Xylene	12.96	91	4825862	12.773	ppbv	96
60) o-Xylene	13.68	91	1677641	4.606	ppbv	100
62) Isopropylbenzene	14.66	105	74346	0.137	ppbv	92
64) n-propylbenzene	15.55	120	63382	0.476	ppbv #	56
65) tert-Butylbenzene	16.75	119	142525	0.311	ppbv #	63
70) n-Butylbenzene	18.55	91	38282	0.067	ppbv #	63
71) 2-Chlorotoluene	15.56	91	362712	0.852	ppbv #	46
72) 4-Ethyltoluene	15.84	105	517620	1.259	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	333860	0.852	ppbv	95
74) 1,2,4-Trimethylbenzene	16.76	105	1346286	3.350	ppbv #	68

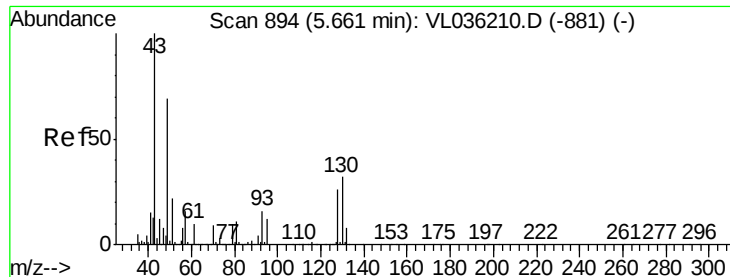
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL012821\
Data File : VL036286.D
Acq On : 29 Jan 2021 00:33
Operator : SY/AP
Sample : M1245-04
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jan 29 02:29:24 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

Instrument :

MSVOA_L

ClientSampled :

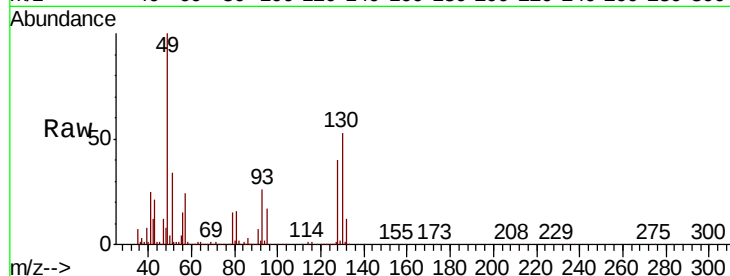
Tot Ion: 49 Resp: 1419113

Ion Ratio Lower Upper

49 100

128 42.2 20.1 60.2

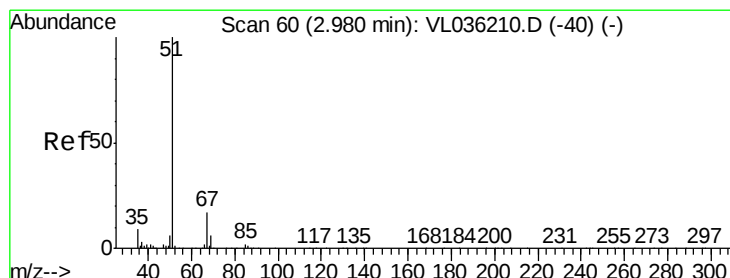
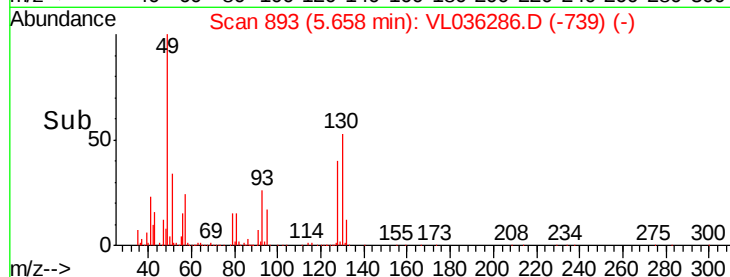
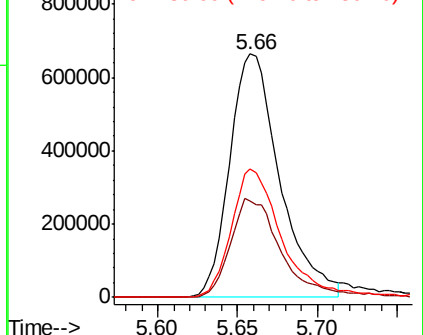
130 54.4 25.3 75.9



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



#3

Chlorodifluoromethane

Concen: 0.980 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.00 min

Lab File: VL036286.D

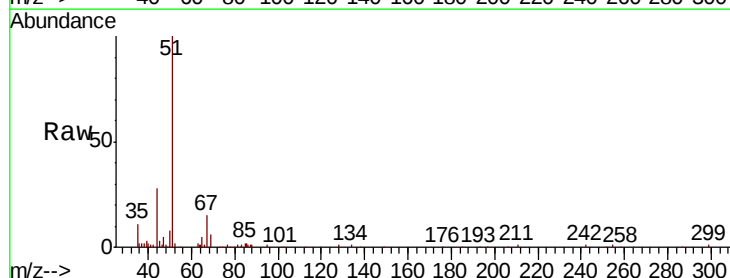
Acq: 29 Jan 2021 00:33

Tgt Ion: 51 Resp: 170750

Ion Ratio Lower Upper

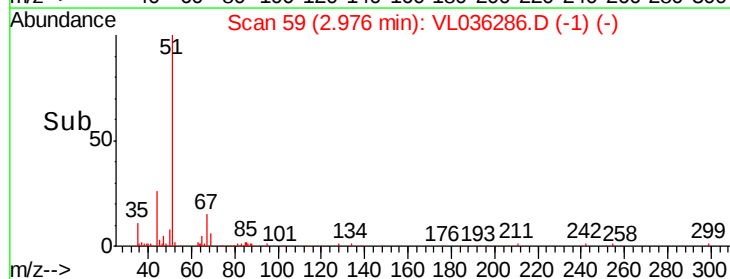
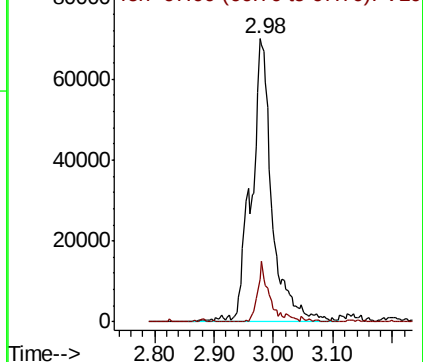
51 100

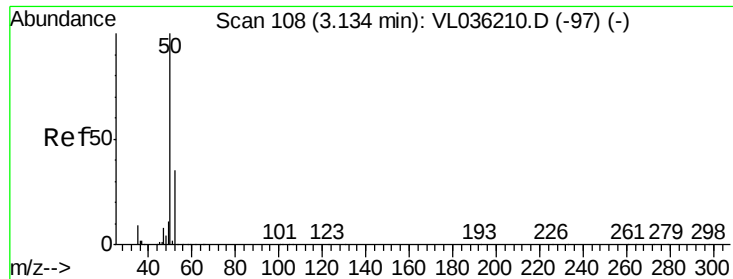
67 13.0 14.0 21.0#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

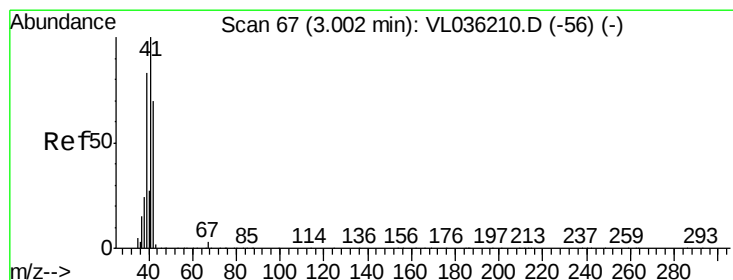
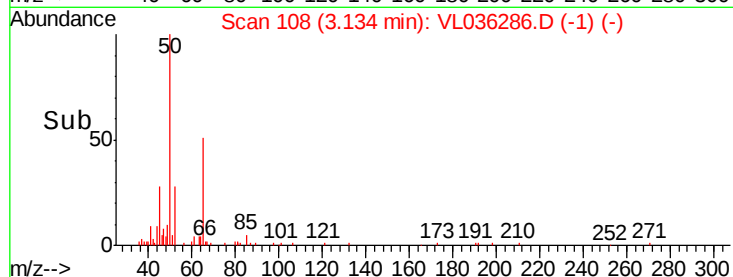
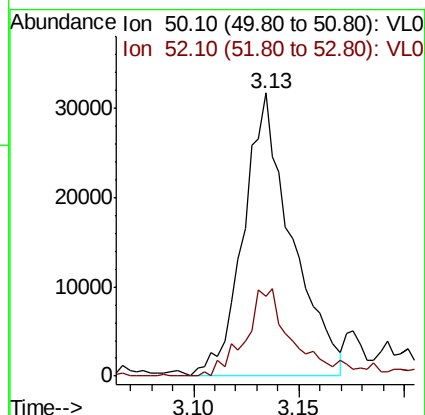
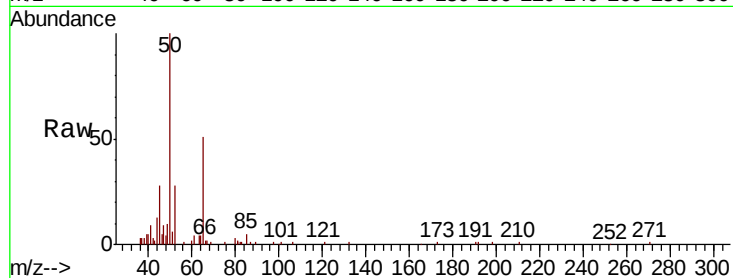




#4
Chloromethane
Concen: 0.586 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.00 min
Lab File: VL036286.D
Acq: 29 Jan 2021 00:33

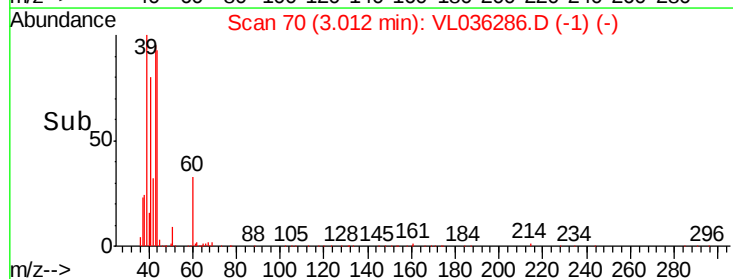
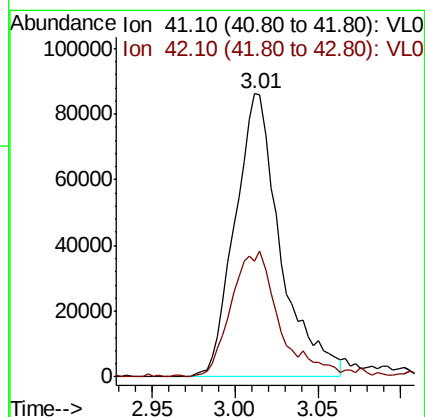
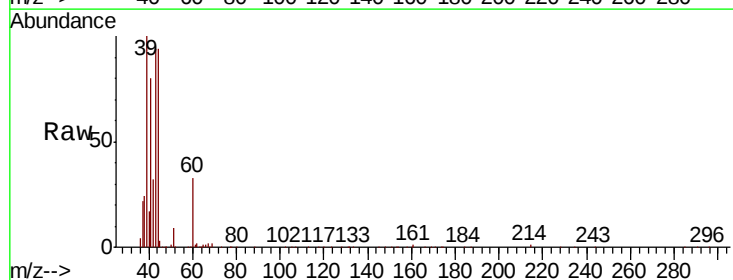
Instrument :
MSVOA_L
ClientSampleId :

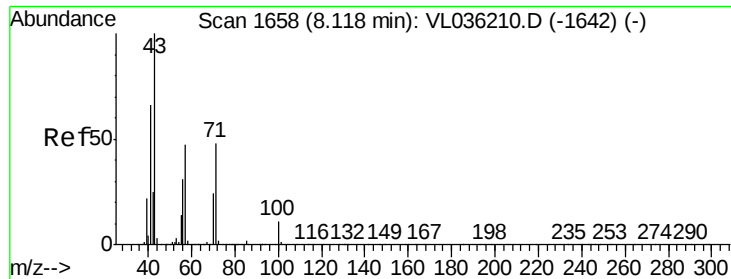
Tot Ion: 50 Resp: 50493
Ion Ratio Lower Upper
50 100
52 28.4 27.8 41.8



#9
Propene
Concen: 1.983 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.01 min
Lab File: VL036286.D
Acq: 29 Jan 2021 00:33

Tgt Ion: 41 Resp: 164549
Ion Ratio Lower Upper
41 100
42 49.4 57.1 85.7#

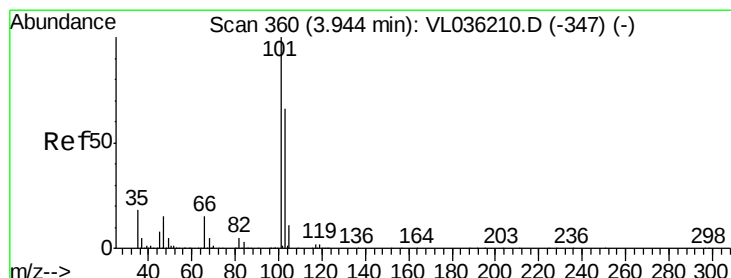
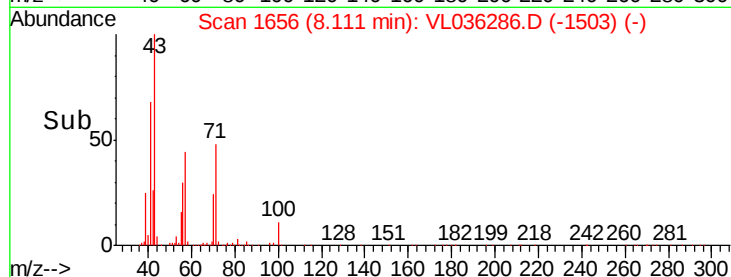
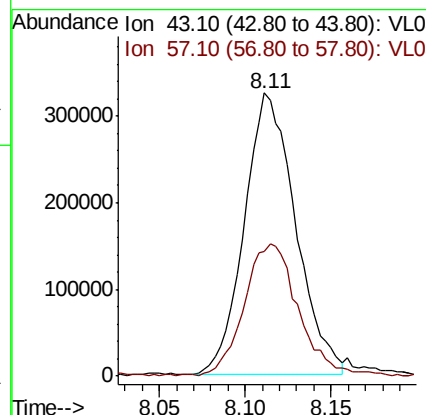
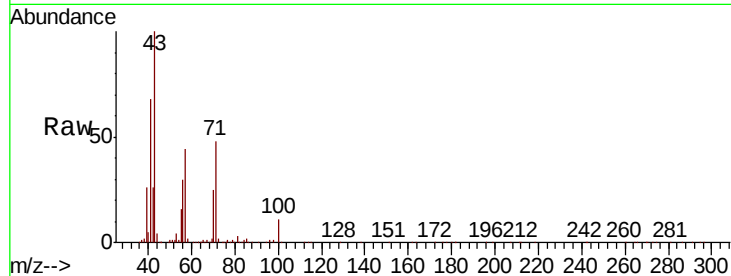




#10
Heptane
Concen: 3.257 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VL036286.D
Acq: 29 Jan 2021 00:33

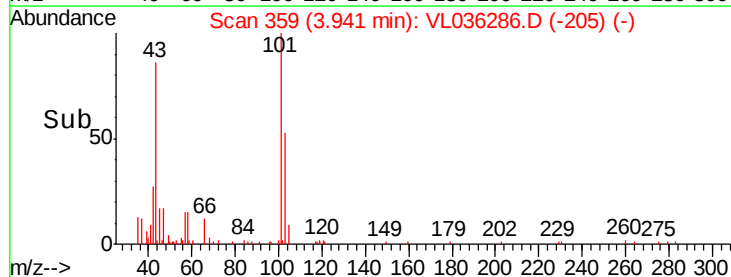
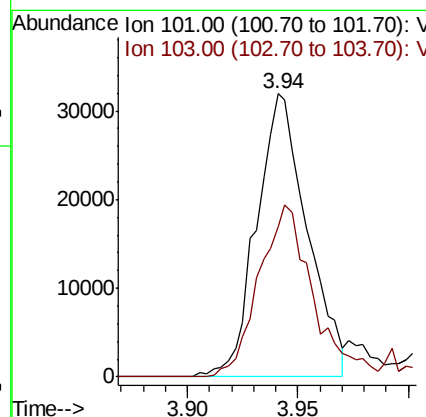
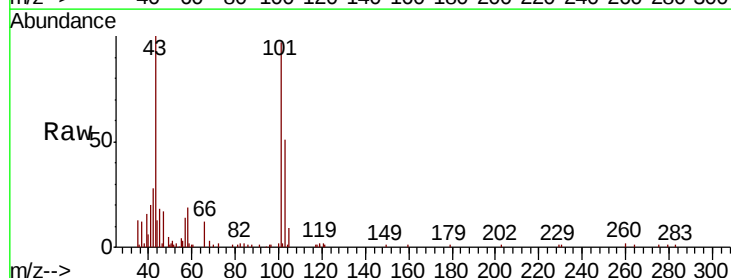
Instrument :
MSVOA_L
ClientSampled :

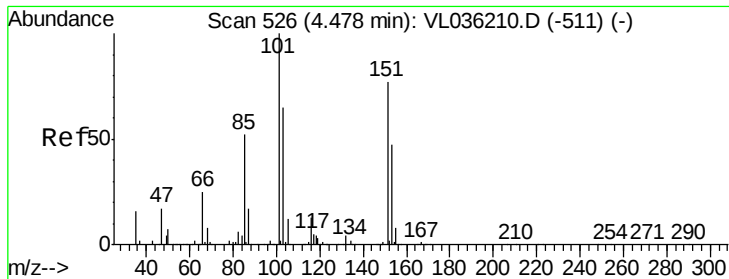
Tot Ion: 43 Resp: 671058
Ion Ratio Lower Upper
43 100
57 49.6 38.1 57.1



#11
Trichlorofluoromethane
Concen: 0.262 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.00 min
Lab File: VL036286.D
Acq: 29 Jan 2021 00:33

Tgt Ion:101 Resp: 50655
Ion Ratio Lower Upper
101 100
103 52.9 52.6 78.8





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.052 ppbv

RT: 4.48 min Scan# 526

Delta R.T. -0.00 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

Instrument :

MSVOA_L

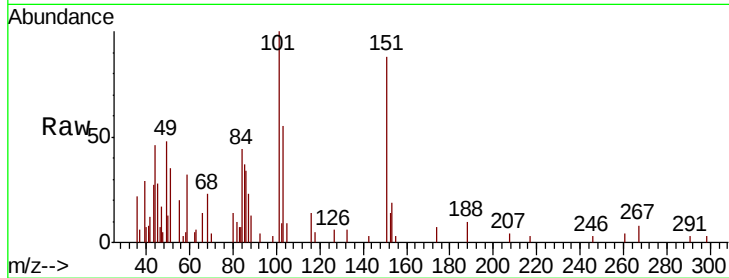
ClientSampleId :

Tot Ion:101 Resp: 6148

Ion Ratio Lower Upper

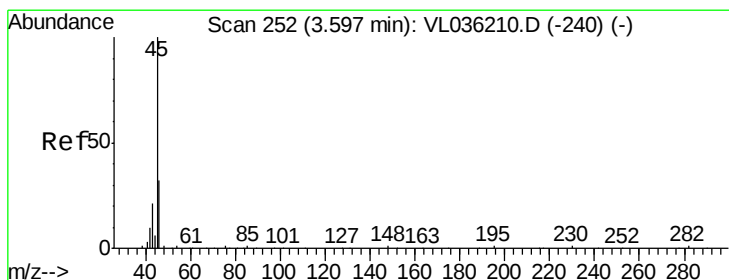
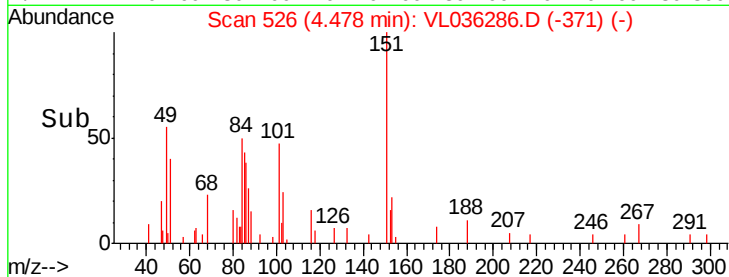
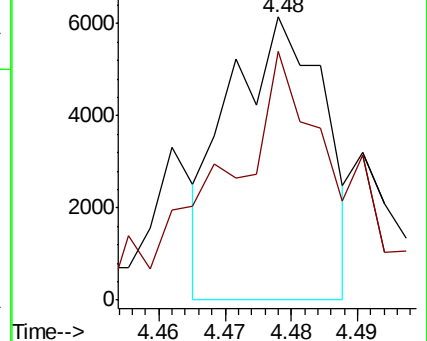
101 100

151 122.4 59.8 89.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 170.909 ppbv

RT: 3.62 min Scan# 259

Delta R.T. 0.02 min

Lab File: VL036286.D

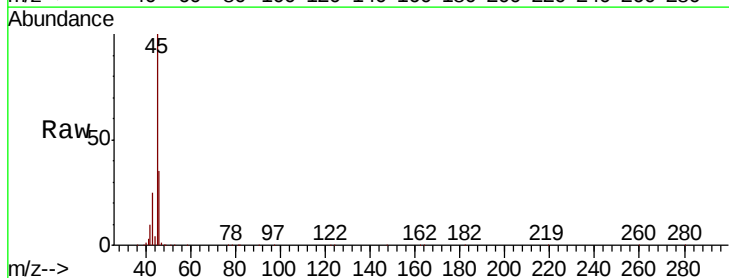
Acq: 29 Jan 2021 00:33

Tgt Ion: 45 Resp: 2227327

Ion Ratio Lower Upper

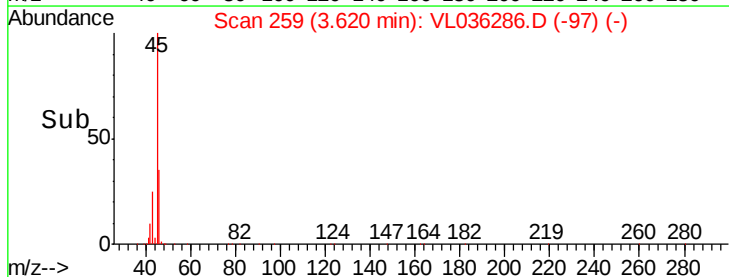
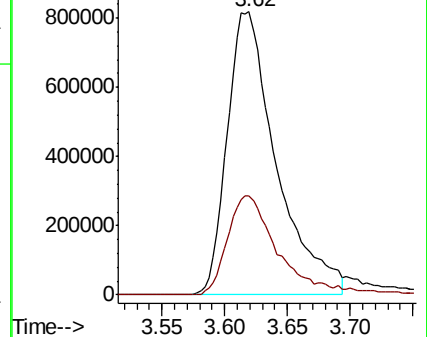
45 100

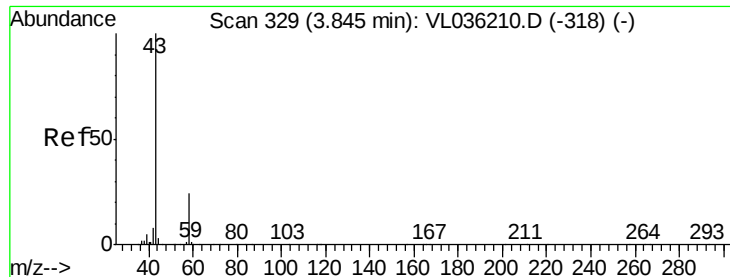
46 37.5 19.2 77.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 18.249 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

Instrument :

MSVOA_L

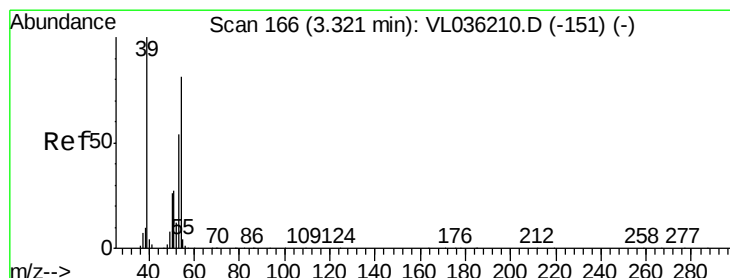
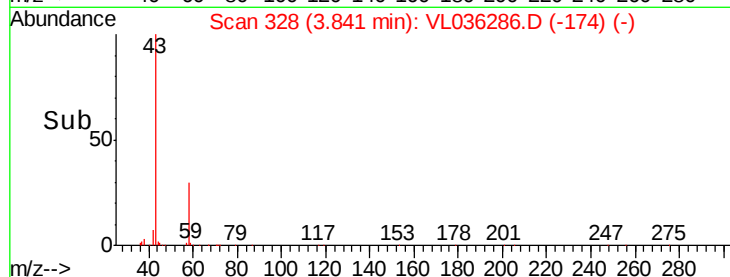
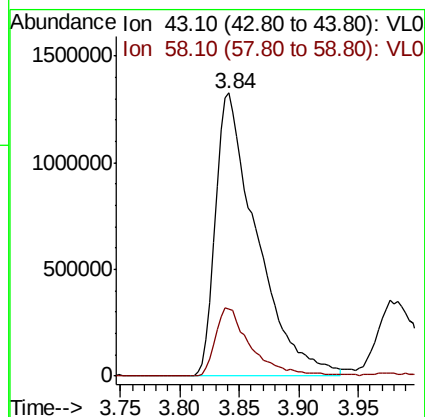
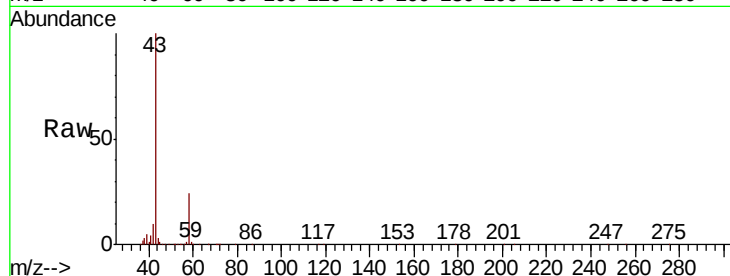
ClientSampleId :

Tot Ion: 43 Resp: 3171636

Ion Ratio Lower Upper

43 100

58 21.2 20.9 31.3



#16

1,3-Butadiene

Concen: 0.412 ppbv

RT: 3.30 min Scan# 159

Delta R.T. -0.02 min

Lab File: VL036286.D

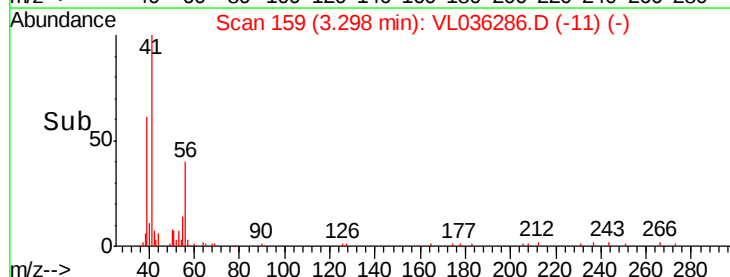
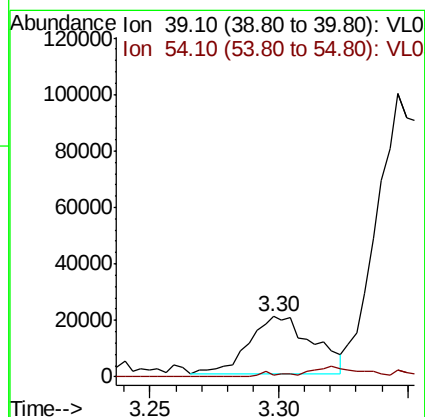
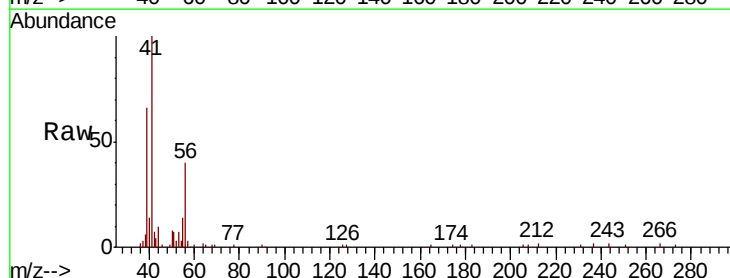
Acq: 29 Jan 2021 00:33

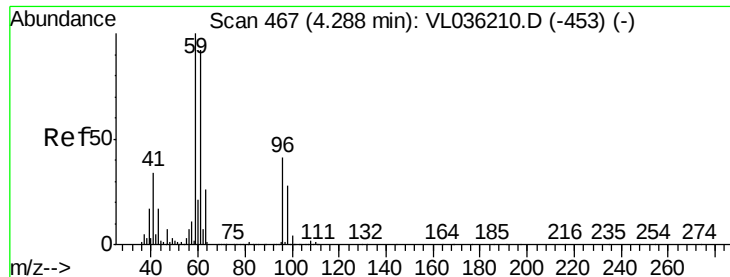
Tgt Ion: 39 Resp: 34887

Ion Ratio Lower Upper

39 100

54 16.5 62.5 93.7#



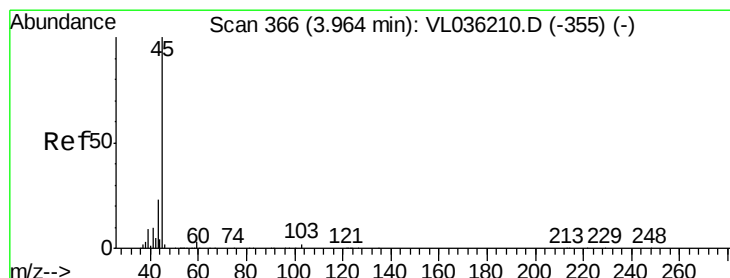
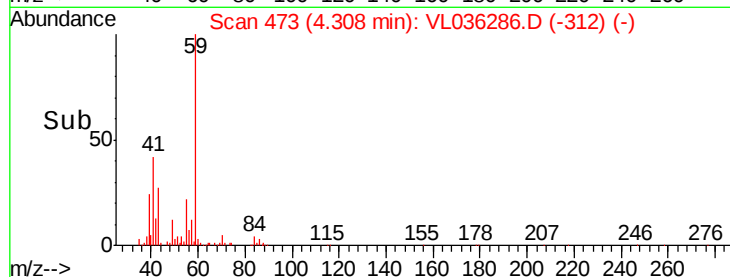
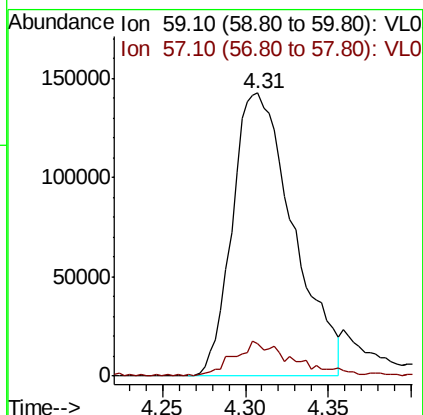
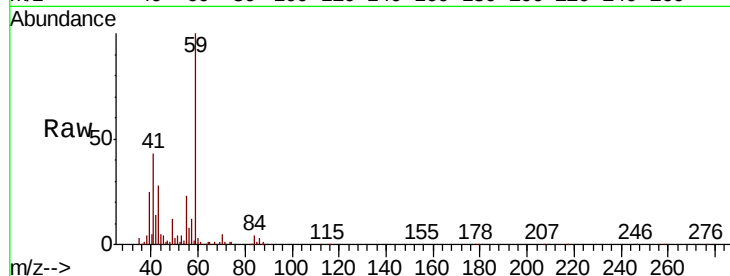


#17

tert-Butyl alcohol
Concen: 2.524 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.02 min
Lab File: VL036286.D
Acq: 29 Jan 2021 00:33

Instrument :
MSVOA_L
ClientSampleId :

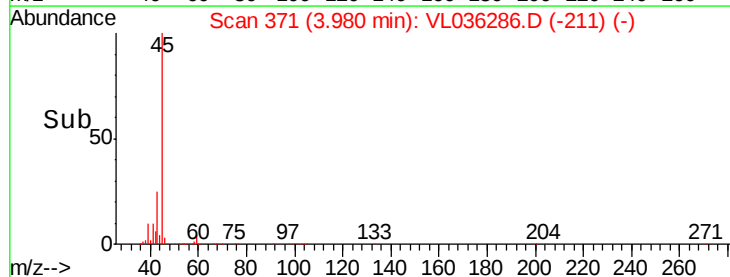
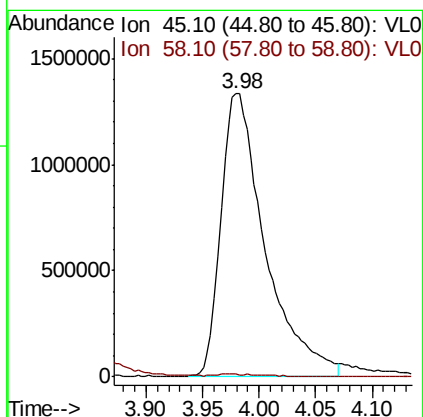
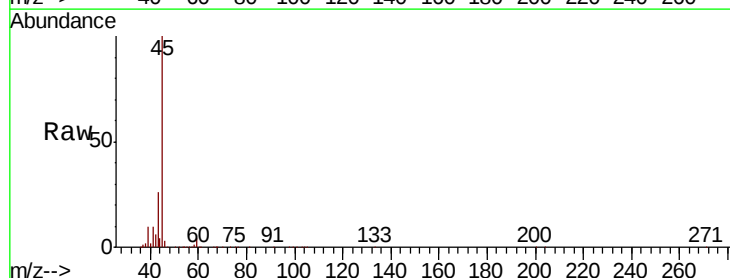
Tot Ion: 59 Resp: 362025
Ion Ratio Lower Upper
59 100
57 13.0 9.2 13.8

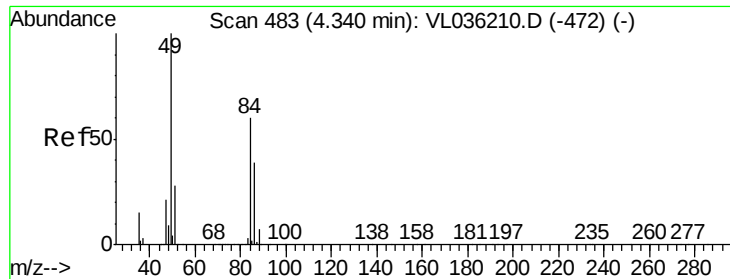


#19

Isopropyl Alcohol
Concen: 34.403 ppbv
RT: 3.98 min Scan# 371
Delta R.T. 0.02 min
Lab File: VL036286.D
Acq: 29 Jan 2021 00:33

Tgt Ion: 45 Resp: 3604736
Ion Ratio Lower Upper
45 100
58 1.3 1.9 2.9#

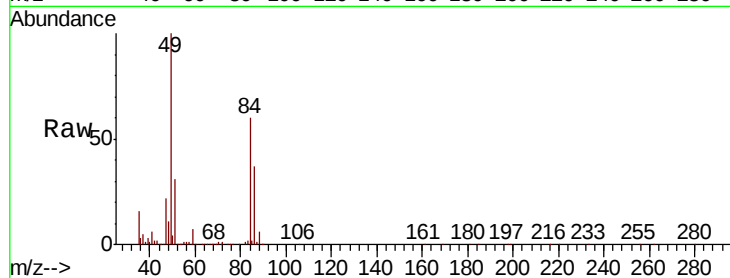




#20
Methvlene Chloride
Concen: 14.256 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL036286.D
Acq: 29 Jan 2021 00:33

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:	84	Resp:	790788
Ion	Ratio	Lower	Upper
84	100		
49	166.9	134.1	201.1
51	50.7	37.4	56.0
86	61.9	52.6	78.8



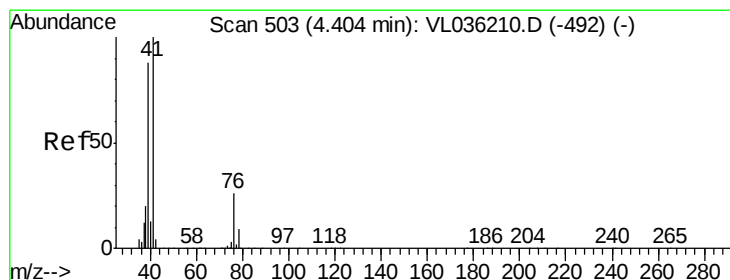
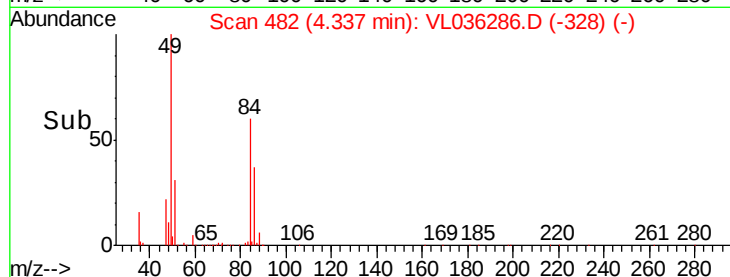
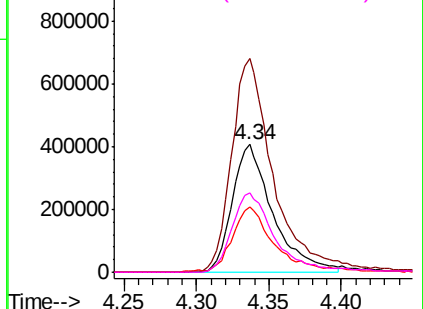
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

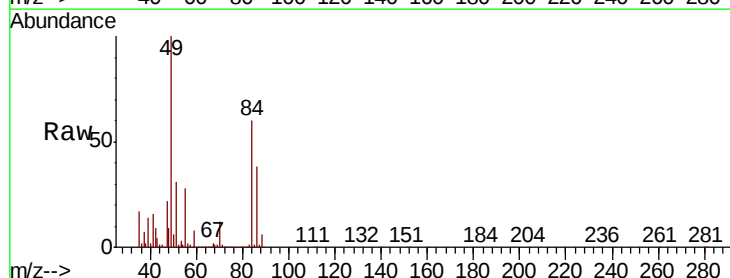
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#21
Allyl Chloride
Concen: 0.894 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.05 min
Lab File: VL036286.D
Acq: 29 Jan 2021 00:33

Tgt Ion:	41	Resp:	84558
Ion	Ratio	Lower	Upper
41	100		
76	0.0	20.5	30.7#
39	128.8	67.8	101.8#

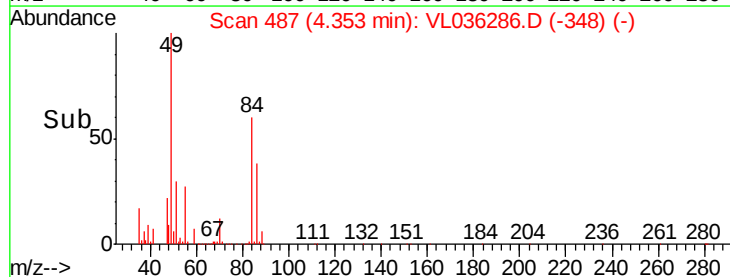
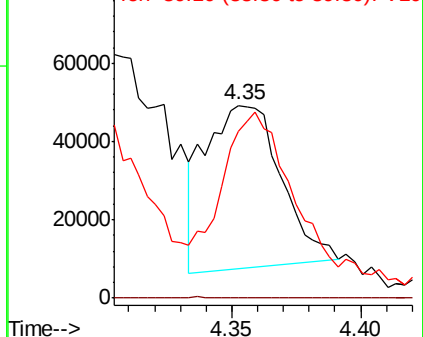


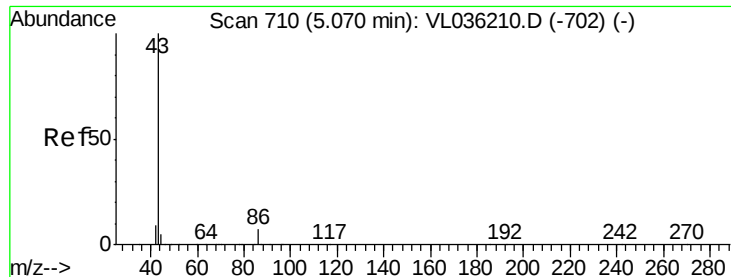
Abundance

Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 0.829 ppbv

RT: 5.05 min Scan# 704

Delta R.T. -0.02 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 174489

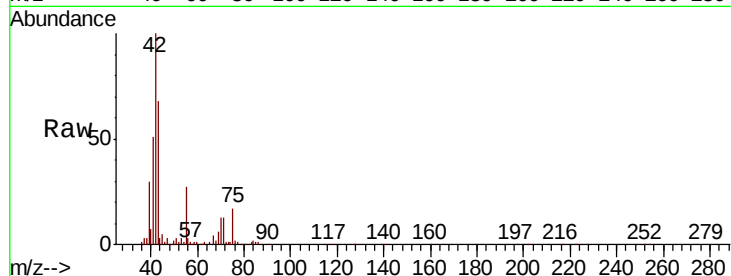
Ion Ratio Lower Upper

43 100

86 1.8 4.9 7.3#

42 148.9 7.8 11.6#

44 1.1 3.7 5.5#

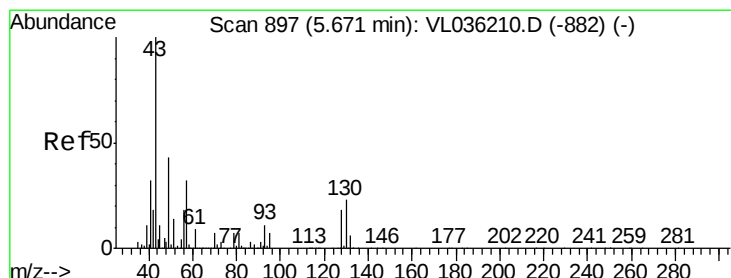
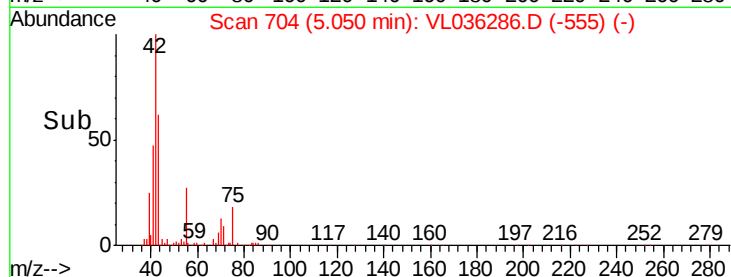
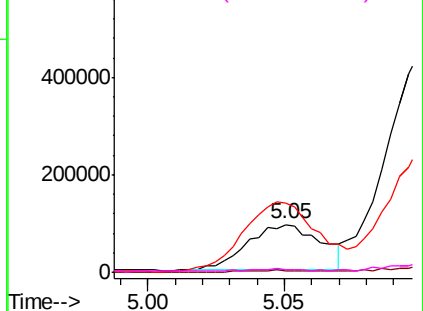


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 3.715 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.01 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

Tgt Ion: 43 Resp: 1296385

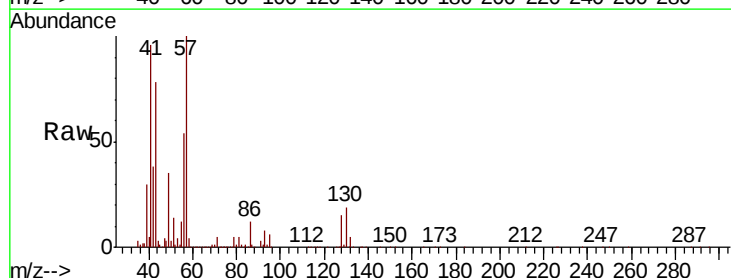
Ion Ratio Lower Upper

43 100

45 1.5 8.3 12.5#

61 0.8 7.4 11.2#

70 1.7 5.5 8.3#

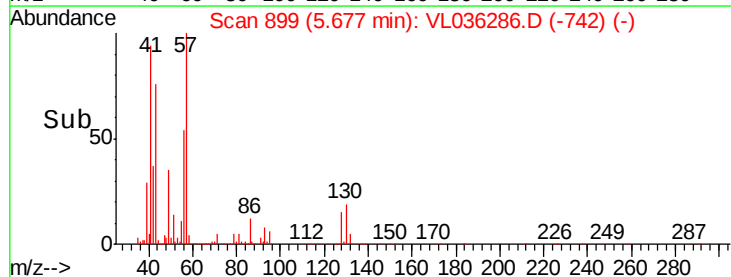
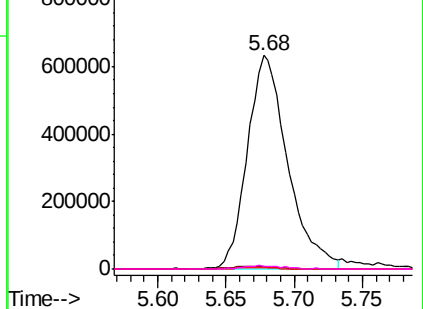


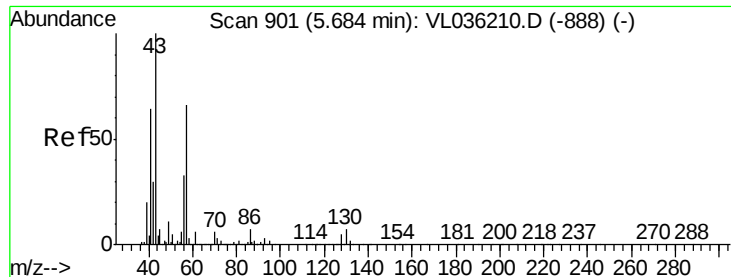
Abundance Ion 43.10 (42.80 to 43.80): VL0

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



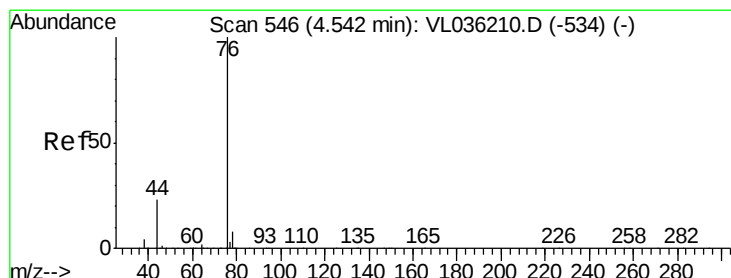
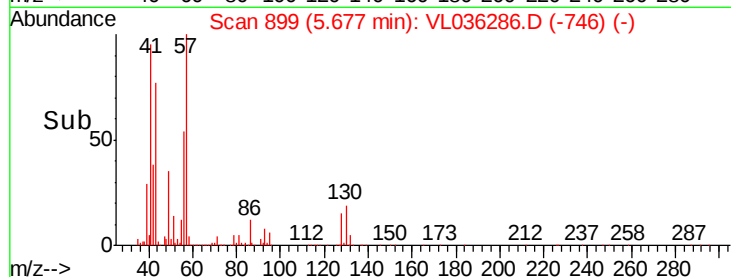
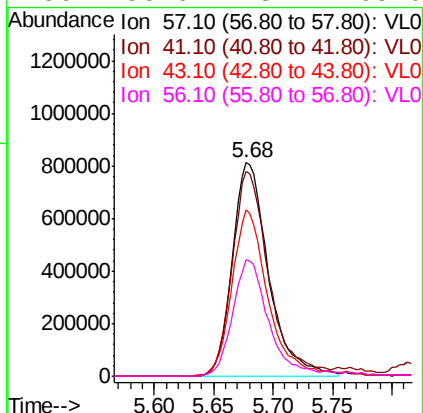
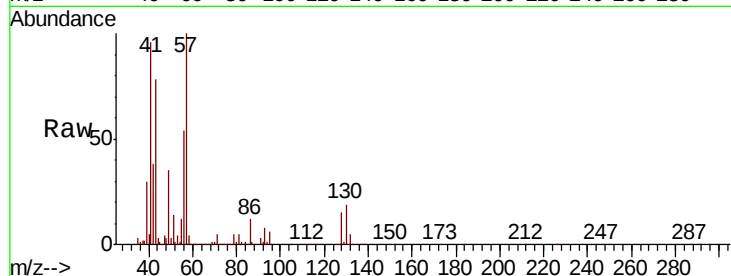


#26
Hexane
Concen: 11.790 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL036286.D
Acq: 29 Jan 2021 00:33

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 1712738

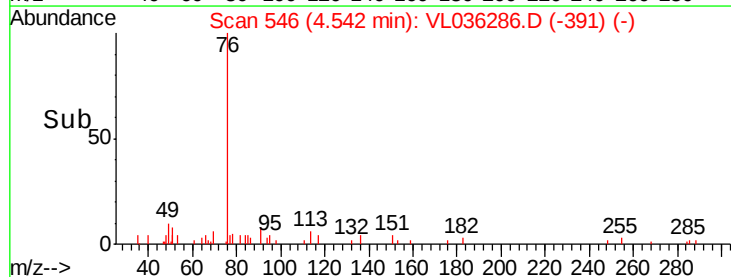
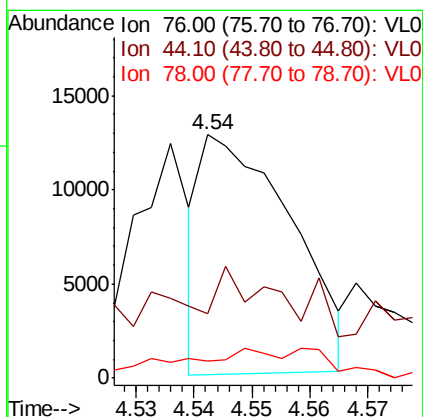
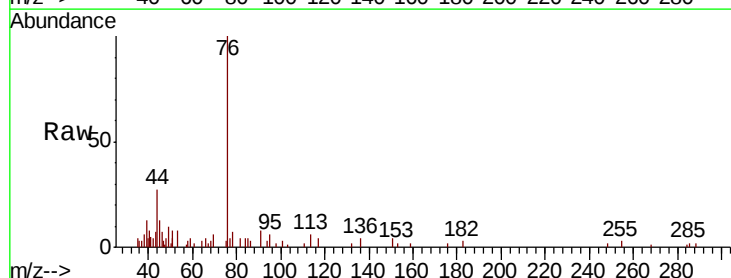
Ion	Ratio	Lower	Upper
57	100		
41	101.3	83.0	124.6
43	78.6	202.4	303.6#
56	56.6	43.4	65.0

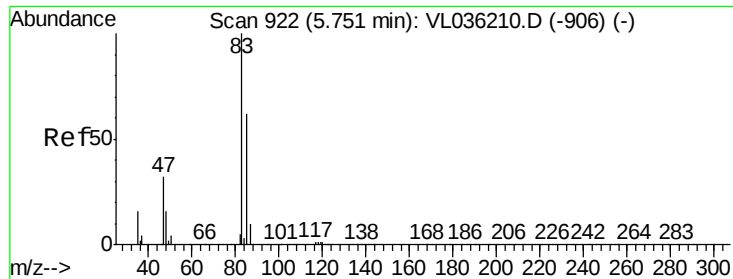


#27
Carbon Disulfide
Concen: 0.119 ppbv
RT: 4.54 min Scan# 546
Delta R.T. -0.00 min
Lab File: VL036286.D
Acq: 29 Jan 2021 00:33

Tgt Ion: 76 Resp: 13770

Ion	Ratio	Lower	Upper
76	100		
44	91.7	19.0	28.6#
78	0.0	8.0	12.0#





#29

Chloroform

Concen: 0.031 ppbv

RT: 5.75 min Scan# 921

Delta R.T. -0.00 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

Instrument :

MSVOA_L

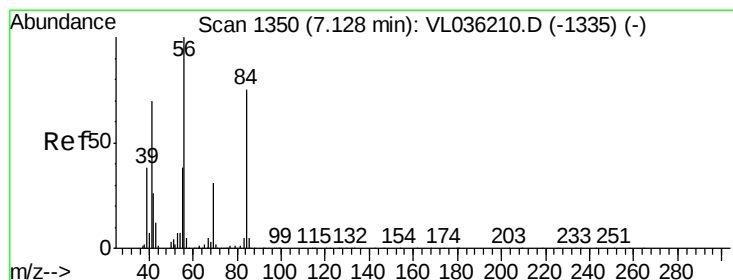
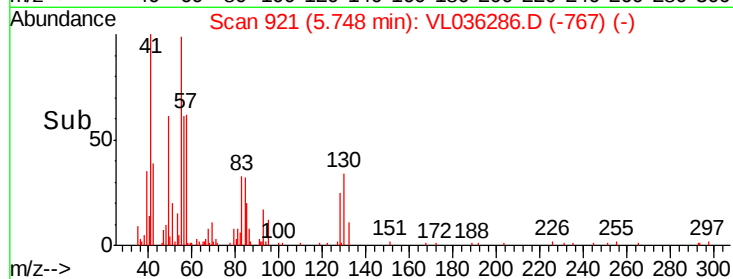
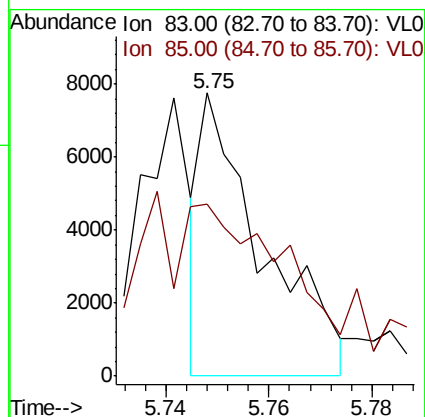
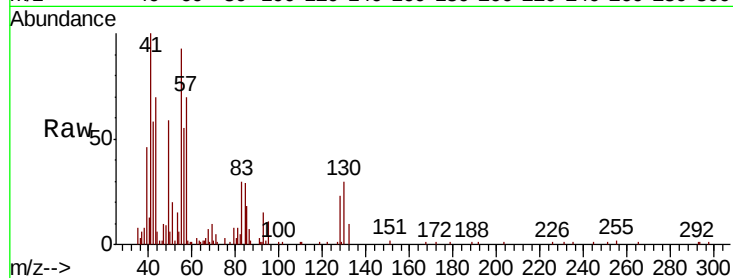
ClientSampleId :

Tot Ion: 83 Resp: 6472

Ion Ratio Lower Upper

83 100

85 52.9 49.3 73.9



#30

Cyclohexane

Concen: 0.802 ppbv

RT: 7.13 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

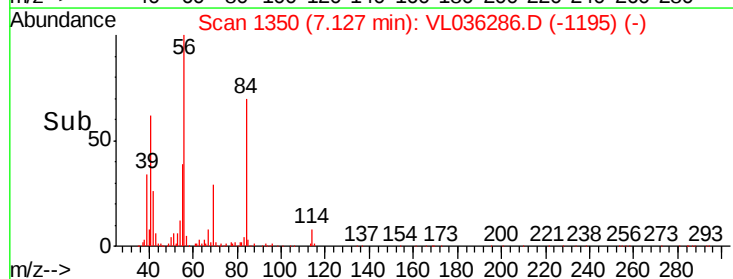
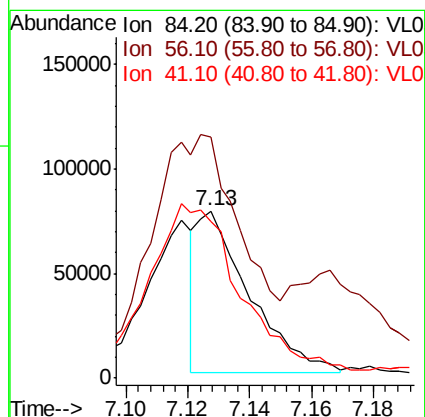
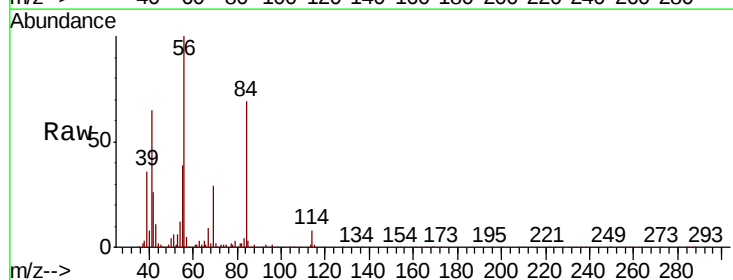
Tgt Ion: 84 Resp: 89011

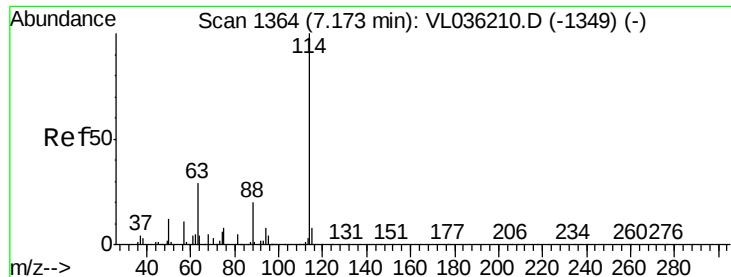
Ion Ratio Lower Upper

84 100

56 392.4 119.4 179.0#

41 0.0 79.4 119.0#

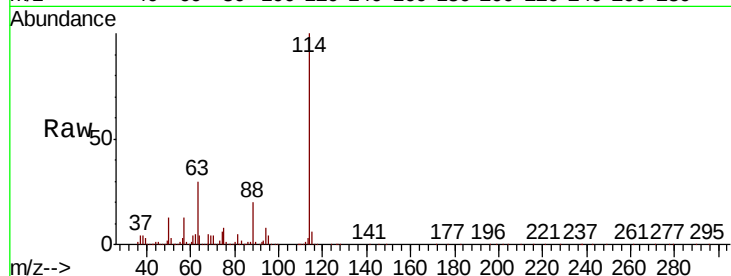




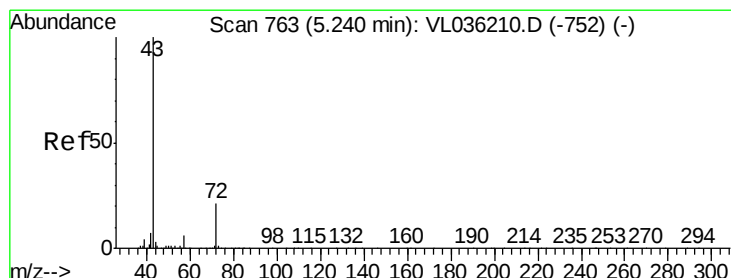
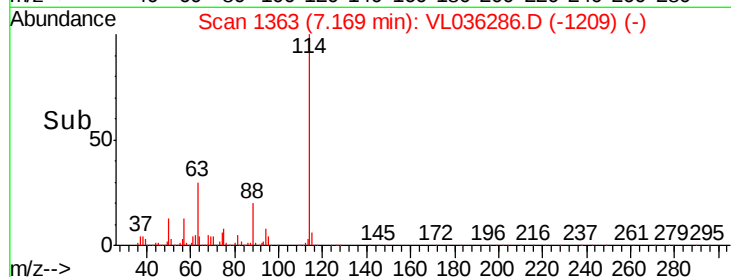
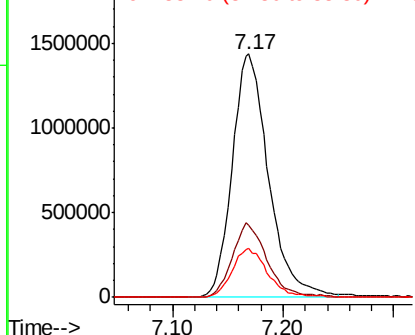
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VL036286.D
 Acq: 29 Jan 2021 00:33

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3282386
 Ion Ratio Lower Upper
 114 100
 63 29.6 24.7 37.1
 88 19.9 16.6 24.8

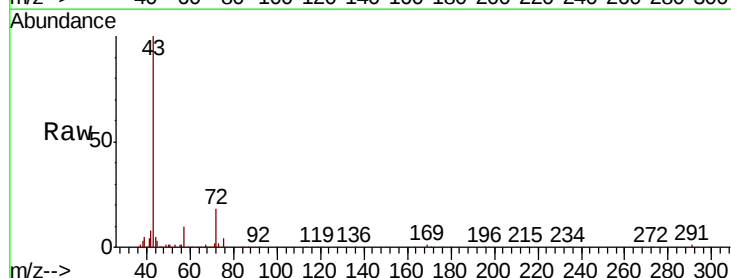


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

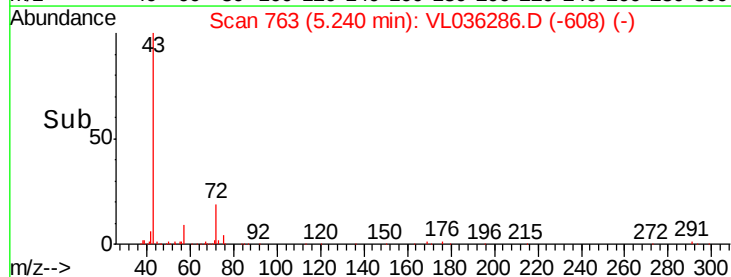
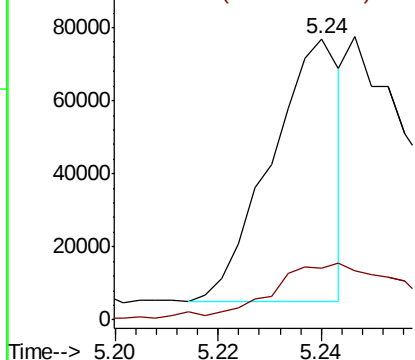


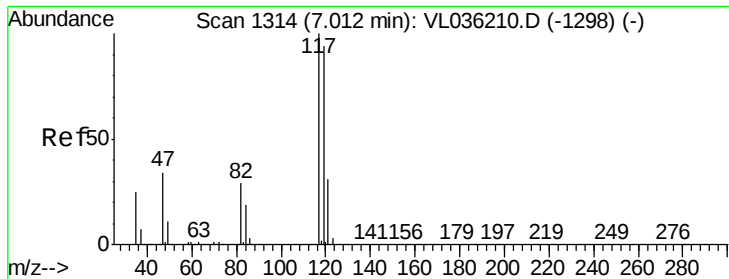
#34
 2-Butanone
 Concen: 0.277 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: VL036286.D
 Acq: 29 Jan 2021 00:33

Tgt Ion: 43 Resp: 66957
 Ion Ratio Lower Upper
 43 100
 72 0.0 16.1 24.1#



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





#35

Carbon Tetrachloride

Concen: 0.053 ppbv

RT: 7.01 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

Instrument :

MSVOA_L

ClientSampleId :

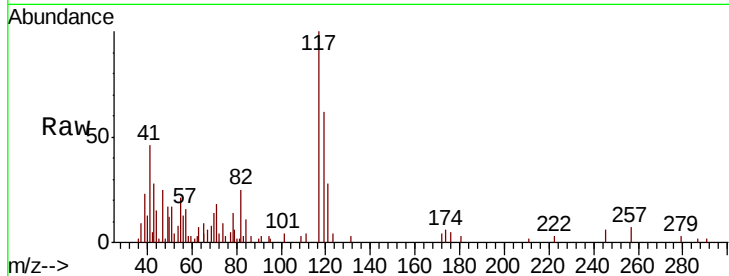
Tot Ion:117 Resp: 11027

Ion Ratio Lower Upper

117 100

119 54.8 74.9 112.3#

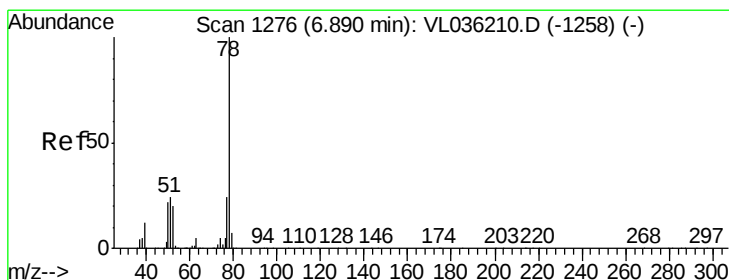
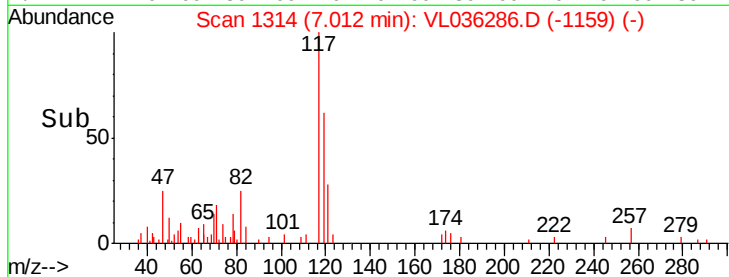
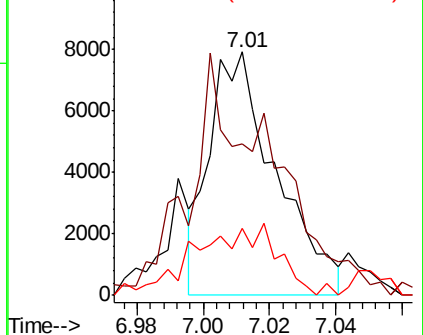
121 31.3 25.0 37.6



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: 2.446 ppbv

RT: 6.88 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

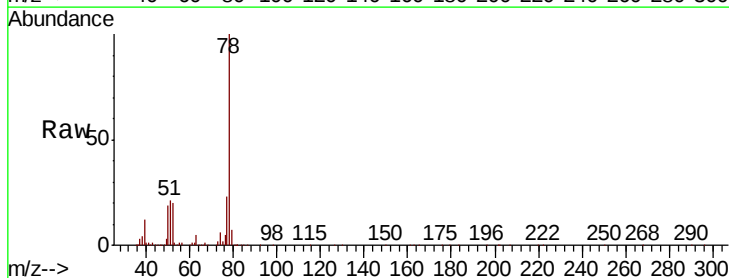
Tgt Ion: 78 Resp: 735672

Ion Ratio Lower Upper

78 100

77 22.4 19.4 29.0

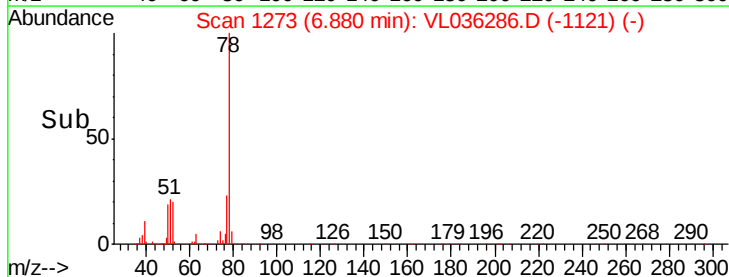
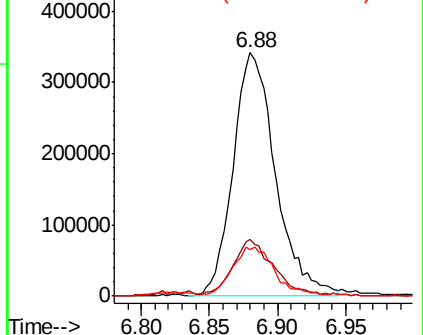
50 18.6 17.4 26.2

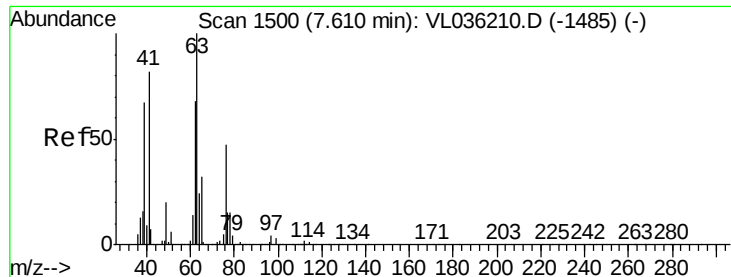


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

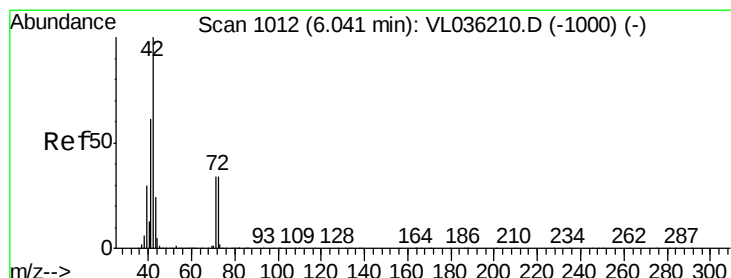
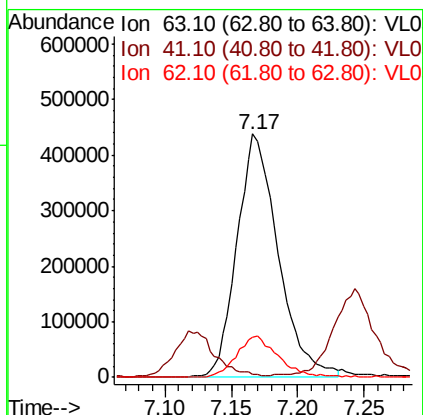
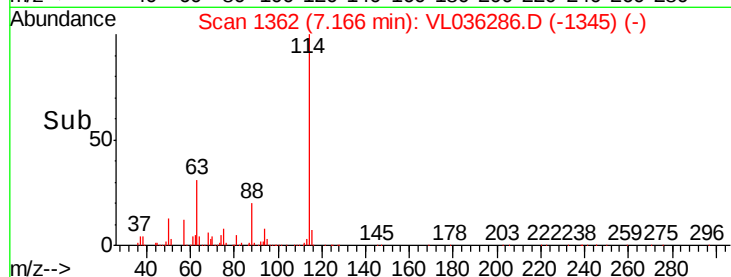
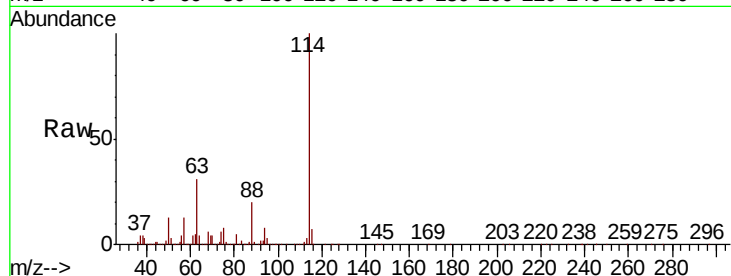




#39
 1,2-Dichloropropane
 Concen: 7.712 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.44 min
 Lab File: VL036286.D
 Acq: 29 Jan 2021 00:33

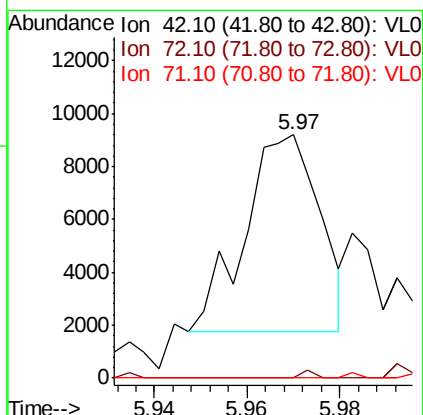
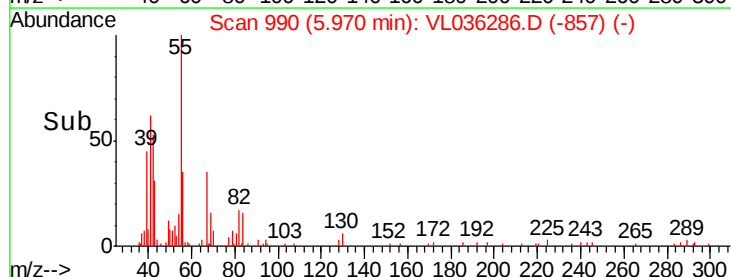
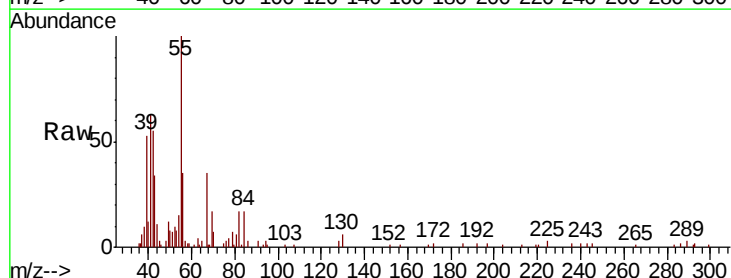
Instrument :
 MSVOA_L
 ClientSampleId :

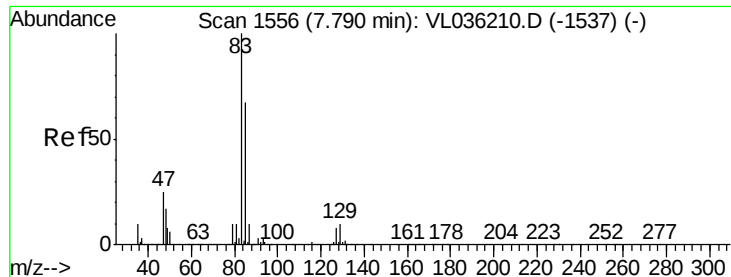
Tot Ion: 63 Resp: 941714
 Ion Ratio Lower Upper
 63 100
 41 0.0 66.1 99.1#
 62 16.3 54.8 82.2#



#41
 Tetrahydrofuran
 Concen: 0.060 ppbv
 RT: 5.97 min Scan# 990
 Delta R.T. -0.07 min
 Lab File: VL036286.D
 Acq: 29 Jan 2021 00:33

Tgt Ion: 42 Resp: 8423
 Ion Ratio Lower Upper
 42 100
 72 4.1 29.5 44.3#
 71 0.0 29.1 43.7#





#42

Bromodichloromethane

Concen: 0.068 ppbv

RT: 7.78 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

Instrument :

MSVOA_L

ClientSampleId :

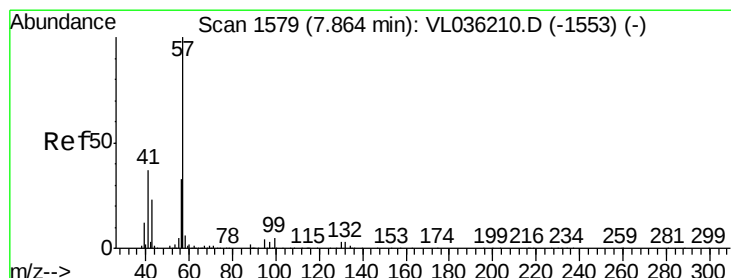
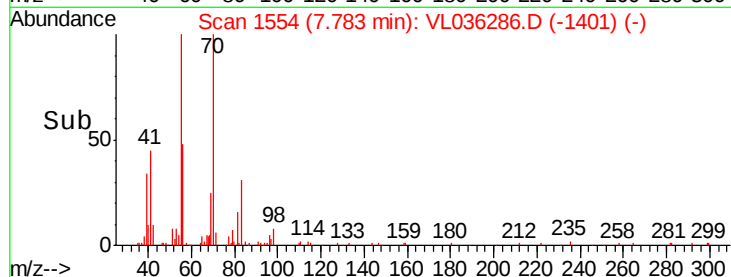
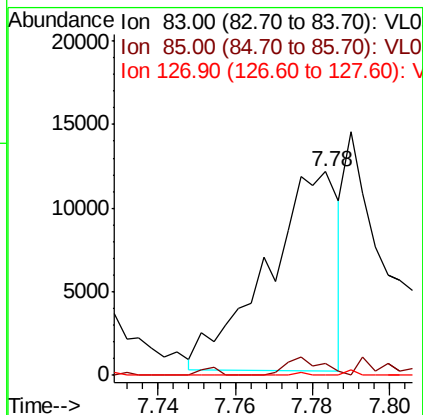
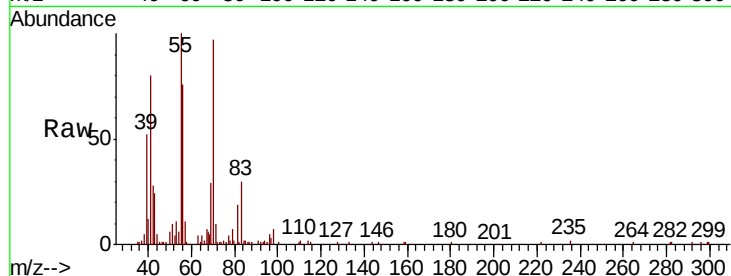
Tot Ion: 83 Resp: 15389

Ion Ratio Lower Upper

83 100

85 6.5 53.4 80.2#

127 1.9 6.2 9.2#



#44

2,2,4-Trimethylpentane

Concen: 1.598 ppbv

RT: 7.86 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

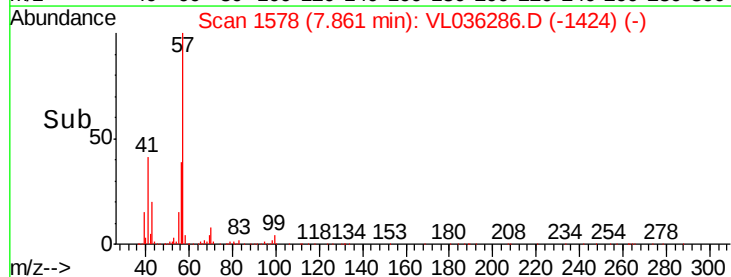
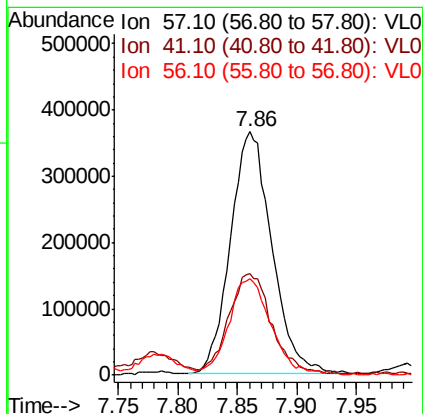
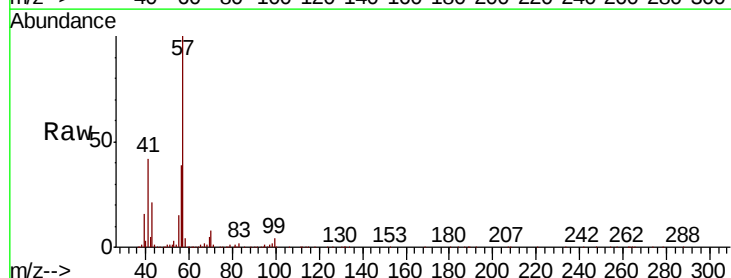
Tgt Ion: 57 Resp: 882914

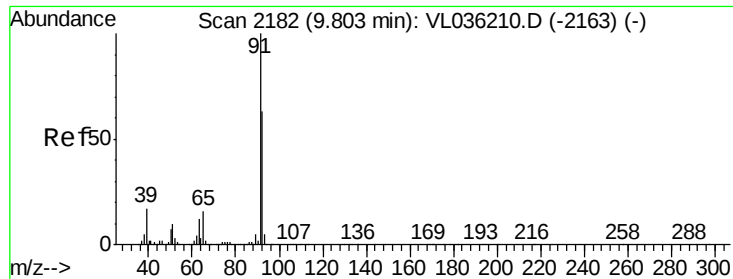
Ion Ratio Lower Upper

57 100

41 43.1 28.5 42.7#

56 40.3 25.5 38.3#





#53

Toluene

Concen: 20.080 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. -0.01 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

Instrument :

MSVOA_L

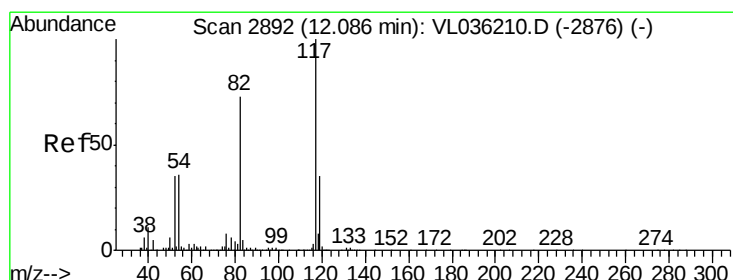
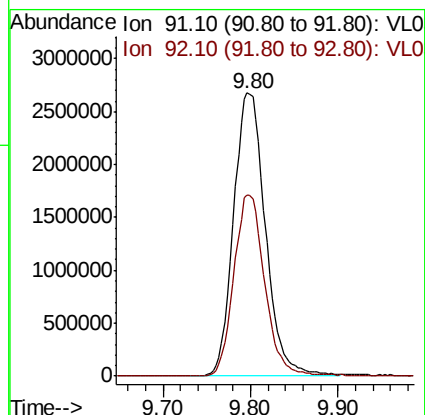
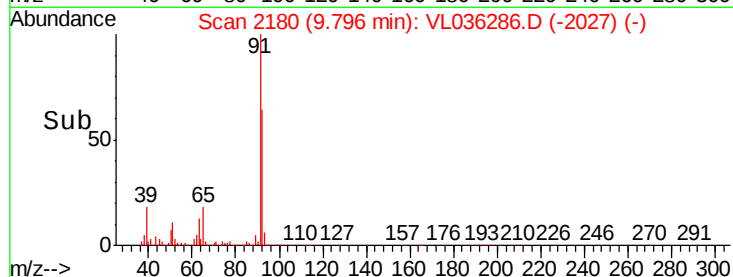
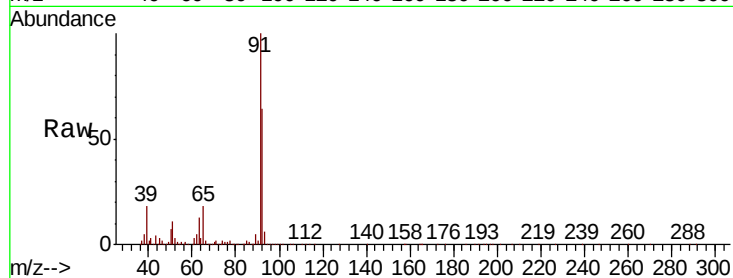
ClientSampleId :

Tot Ion: 91 Resp: 6755602

Ion Ratio Lower Upper

91 100

92 62.6 48.5 72.7



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2890

Delta R.T. -0.01 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

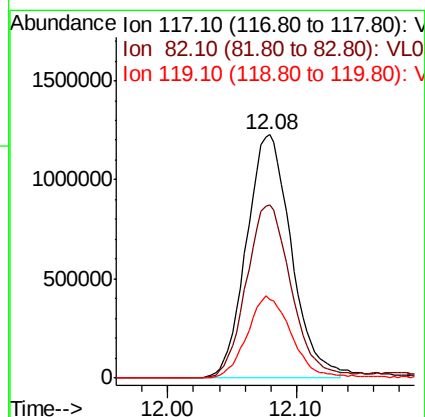
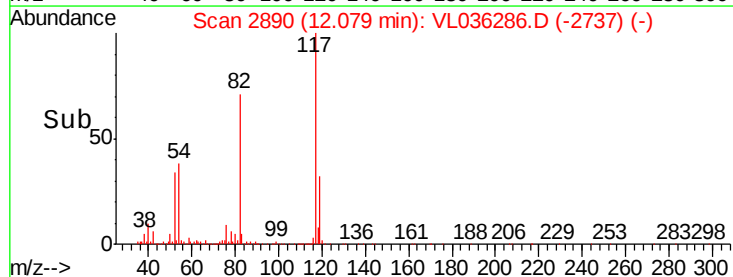
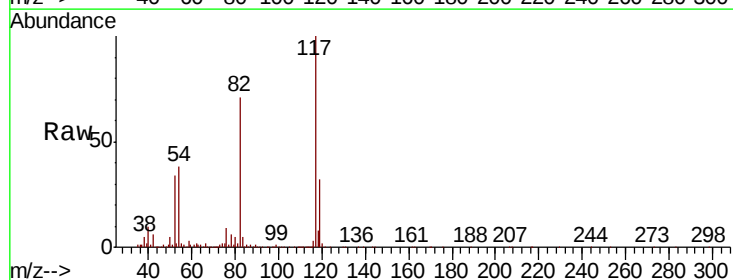
Tgt Ion: 117 Resp: 2963142

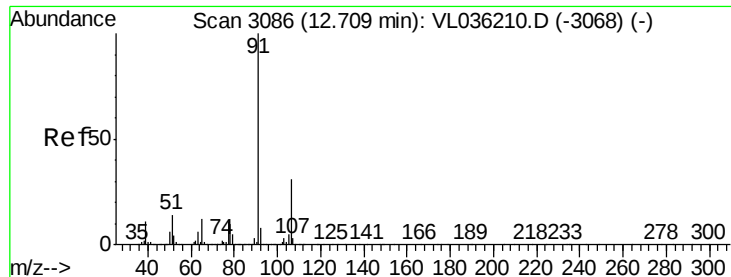
Ion Ratio Lower Upper

117 100

82 72.3 59.7 89.5

119 33.9 28.6 43.0





#58

Ethyl Benzene

Concen: 3.701 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. -0.01 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

Instrument :

MSVOA_L

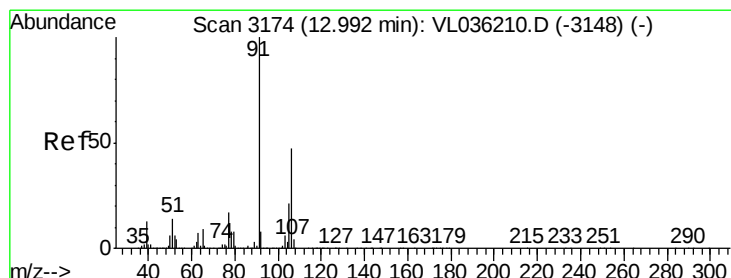
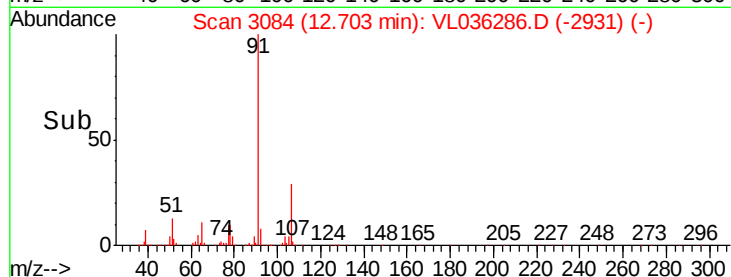
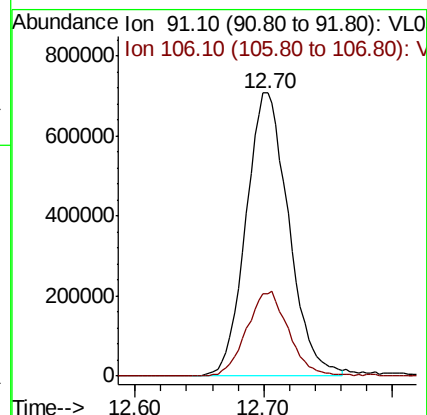
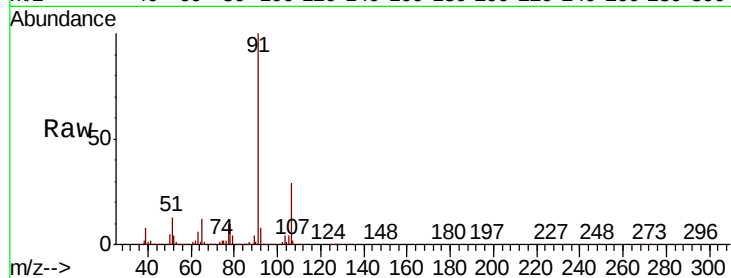
ClientSampleId :

Tot Ion: 91 Resp: 1627559

Ion Ratio Lower Upper

91 100

106 29.1 24.8 37.2



#59

m/p-Xylene

Concen: 12.773 ppbv

RT: 12.96 min Scan# 3163

Delta R.T. -0.04 min

Lab File: VL036286.D

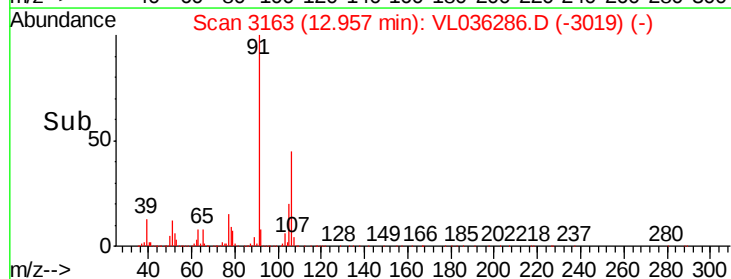
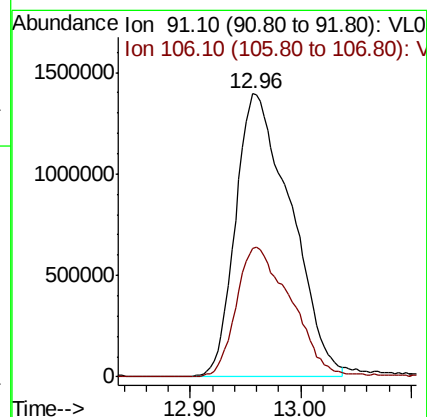
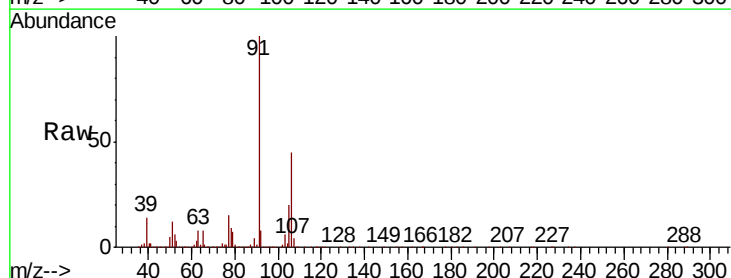
Acq: 29 Jan 2021 00:33

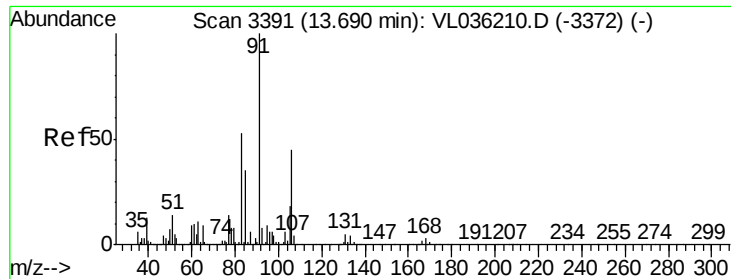
Tgt Ion: 91 Resp: 4825862

Ion Ratio Lower Upper

91 100

106 45.8 34.6 51.8

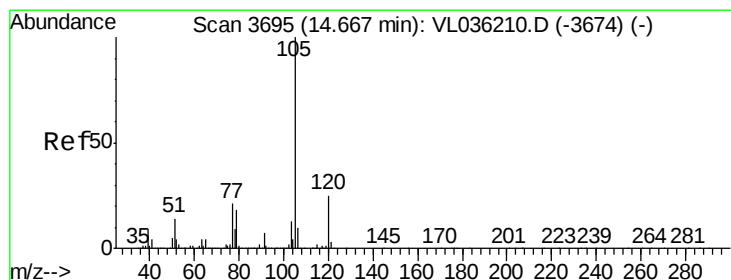
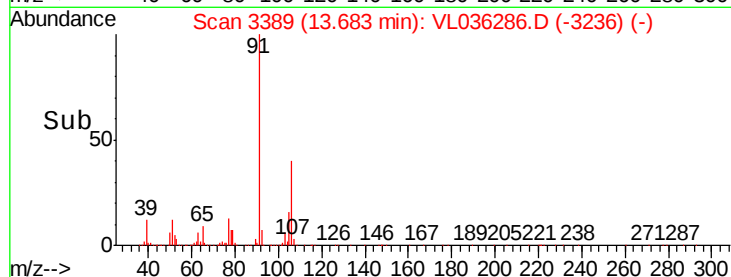
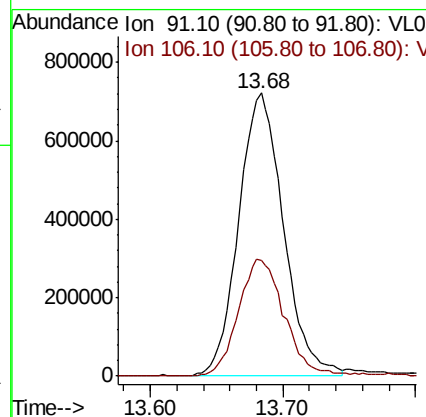
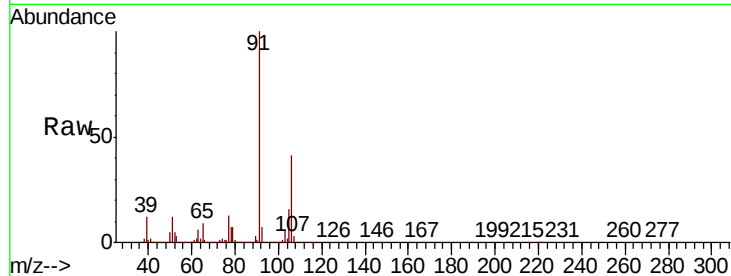




#60
o-Xylene
Concen: 4.606 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL036286.D
Acq: 29 Jan 2021 00:33

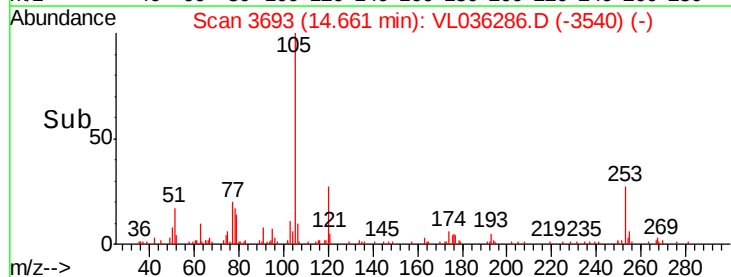
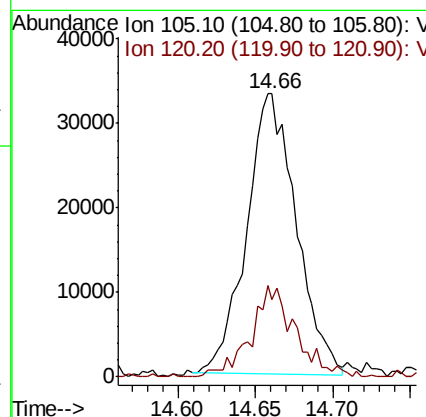
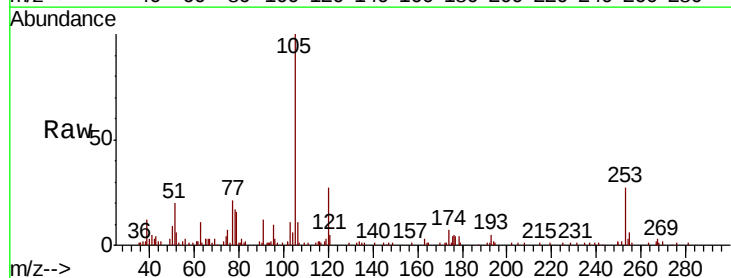
Instrument :
MSVOA_L
ClientSampled :

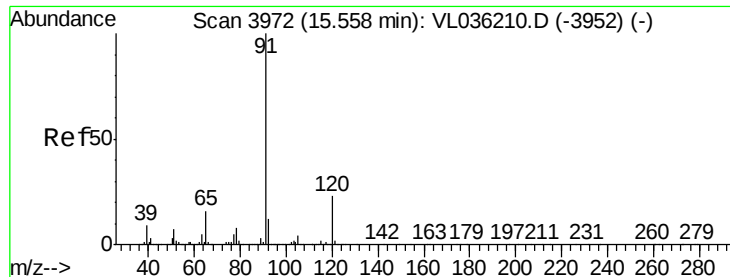
Tot Ion: 91 Resp: 1677641
Ion Ratio Lower Upper
91 100
106 44.1 21.9 65.8



#62
Isopropylbenzene
Concen: 0.137 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.01 min
Lab File: VL036286.D
Acq: 29 Jan 2021 00:33

Tgt Ion: 105 Resp: 74346
Ion Ratio Lower Upper
105 100
120 29.2 20.3 30.5





#64

n-propylbenzene

Concen: 0.476 ppbv

RT: 15.55 min Scan# 3970

Delta R.T. -0.01 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

Instrument :

MSVOA_L

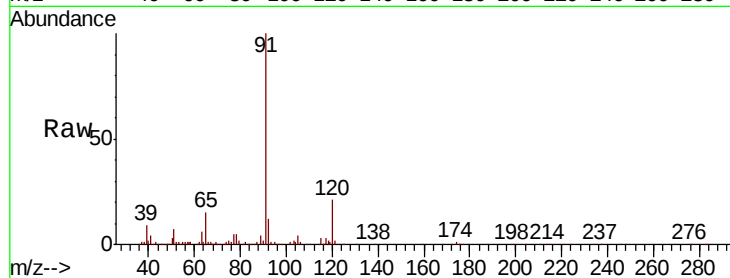
ClientSampleId :

Tot Ion:120 Resp: 63382

Ion Ratio Lower Upper

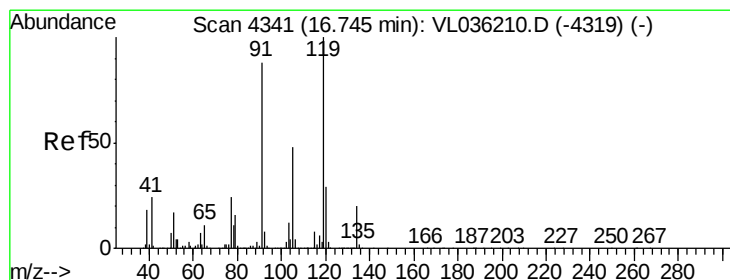
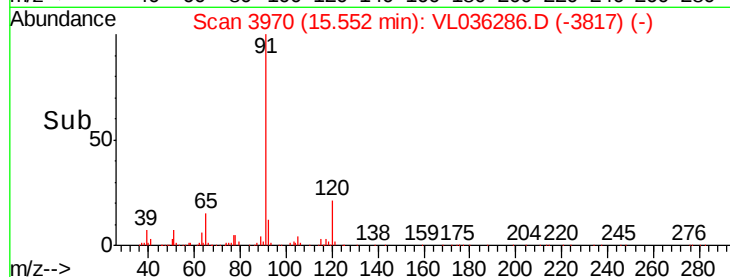
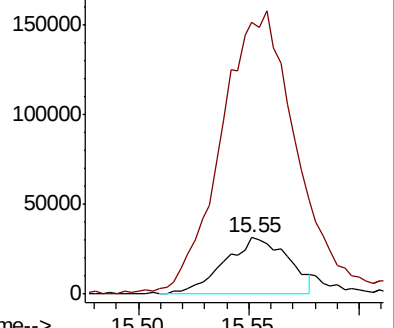
120 100

91 609.1 391.8 587.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.311 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. 0.01 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

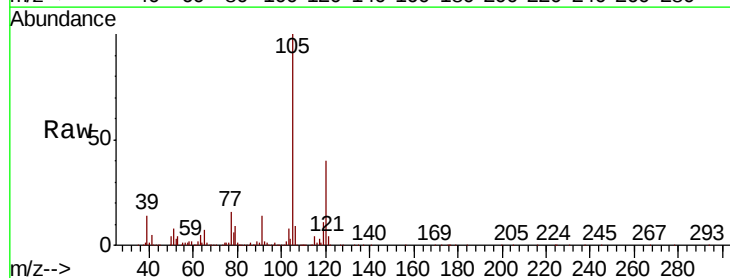
Tgt Ion:119 Resp: 142525

Ion Ratio Lower Upper

119 100

91 122.1 71.0 106.6#

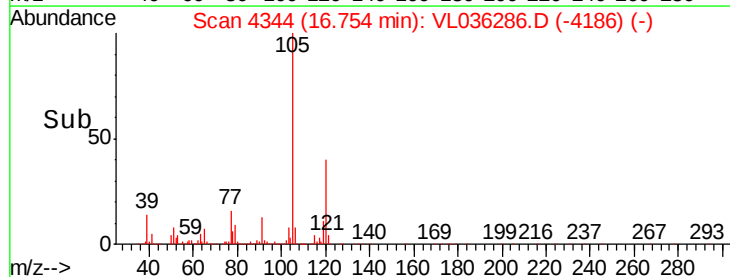
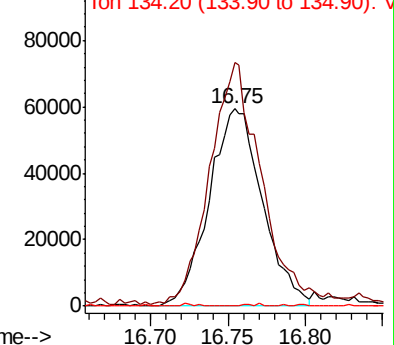
134 0.0 15.8 23.6#

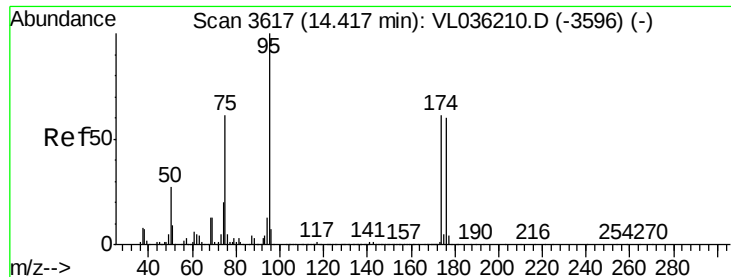


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

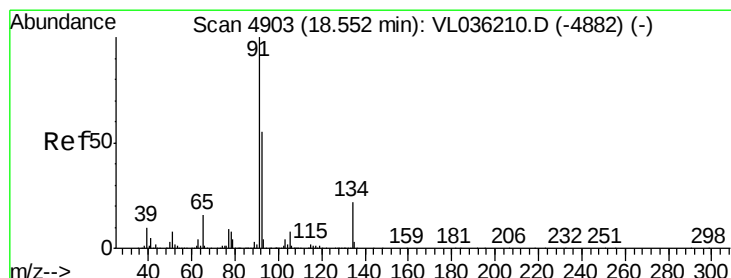
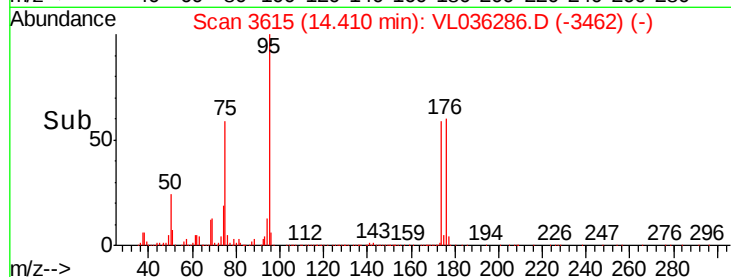
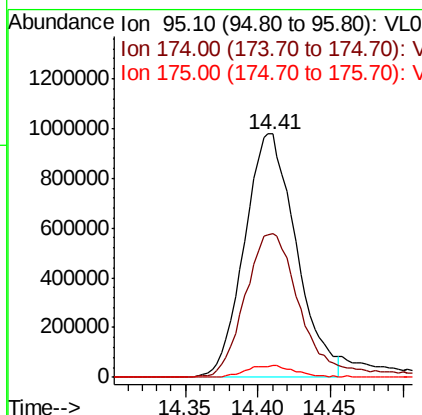
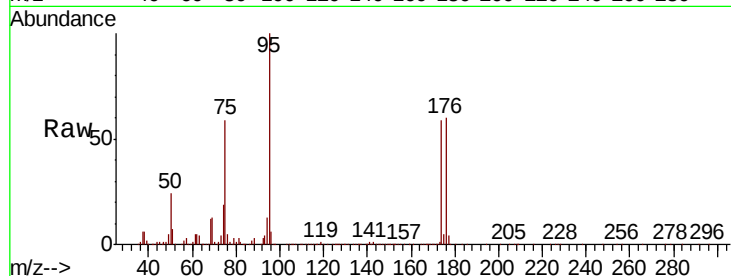




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.892 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. -0.01 min
 Lab File: VL036286.D
 Acq: 29 Jan 2021 00:33

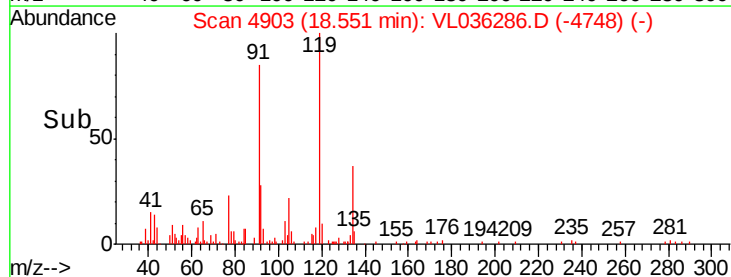
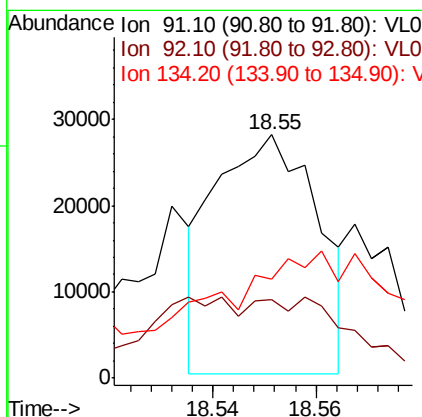
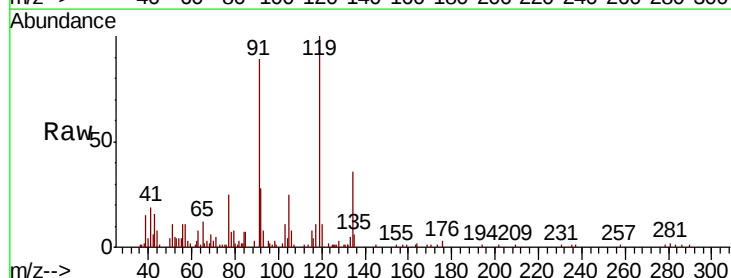
Instrument :
 MSVOA_L
 ClientSampleId :

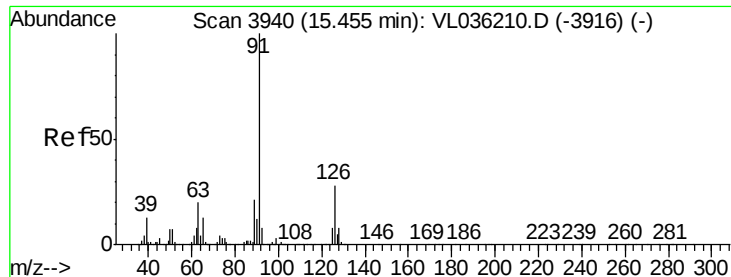
Tot Ion: 95 Resp: 2426156
 Ion Ratio Lower Upper
 95 100
 174 66.0 49.4 74.0
 175 5.0 3.8 5.8



#70
 n-Butylbenzene
 Concen: 0.067 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. -0.00 min
 Lab File: VL036286.D
 Acq: 29 Jan 2021 00:33

Tgt Ion: 91 Resp: 38282
 Ion Ratio Lower Upper
 91 100
 92 79.5 44.0 66.0#
 134 0.0 17.0 25.4#

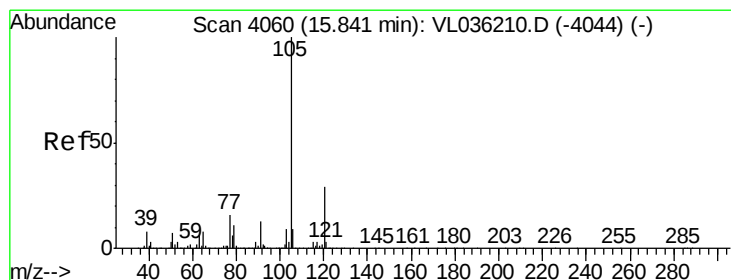
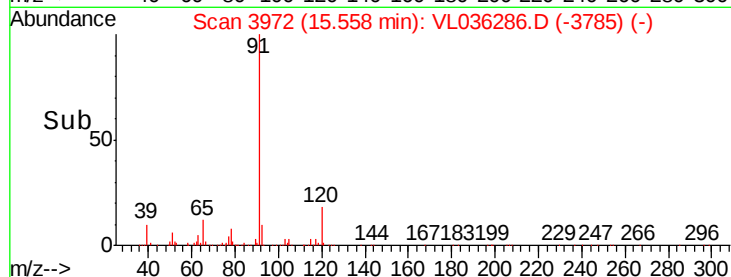
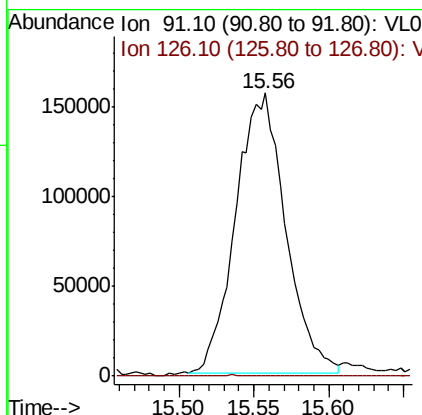
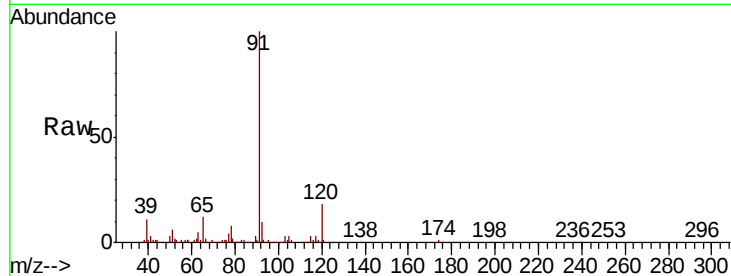




#71
 2-Chlorotoluene
 Concen: 0.852 ppbv
 RT: 15.56 min Scan# 3972
 Delta R.T. 0.10 min
 Lab File: VL036286.D
 Acq: 29 Jan 2021 00:33

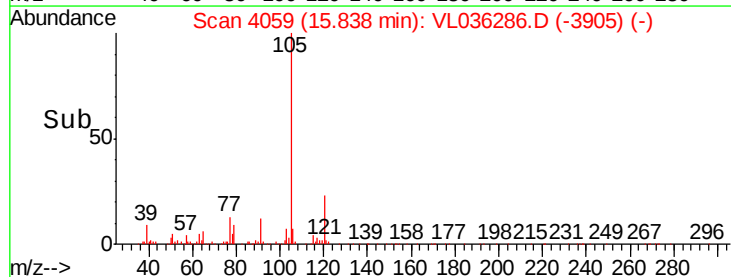
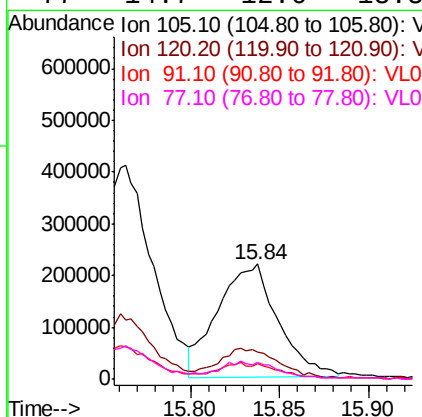
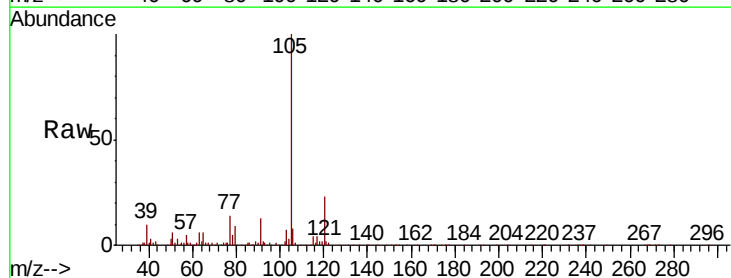
Instrument :
 MSVOA_L
 ClientSampleId :

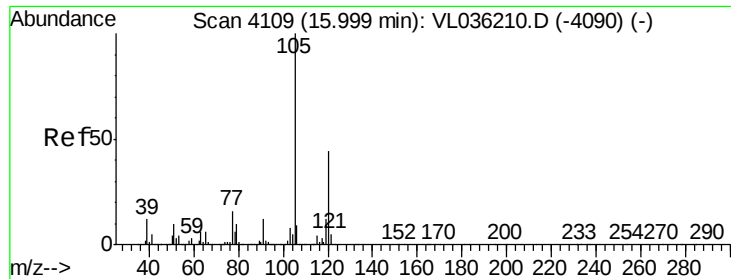
Tot Ion: 91 Resp: 362712
 Ion Ratio Lower Upper
 91 100
 126 0.0 11.5 45.9#



#72
 4-Ethyltoluene
 Concen: 1.259 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. -0.00 min
 Lab File: VL036286.D
 Acq: 29 Jan 2021 00:33

Tgt Ion: 105 Resp: 517620
 Ion Ratio Lower Upper
 105 100
 120 28.9 23.7 35.5
 91 15.1 11.9 17.9
 77 14.7 12.6 18.8





#73

1,3,5-Trimethylbenzene

Concen: 0.852 ppbv

RT: 15.99 min Scan# 4106

Delta R.T. -0.01 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

Instrument :

MSVOA_L

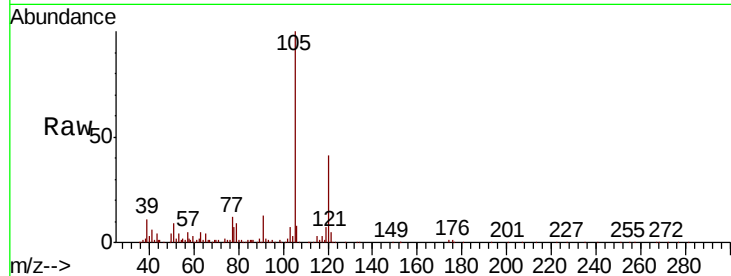
ClientSampleId :

Tot Ion:105 Resp: 333860

Ion Ratio Lower Upper

105 100

120 40.9 35.5 53.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.99

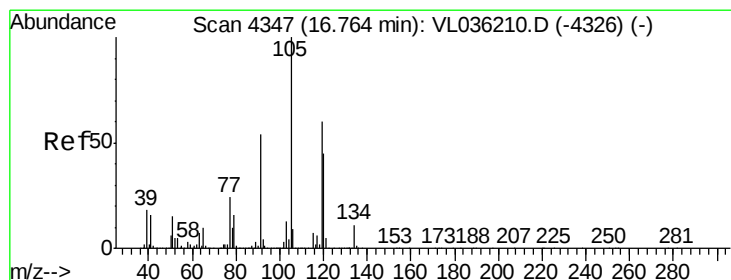
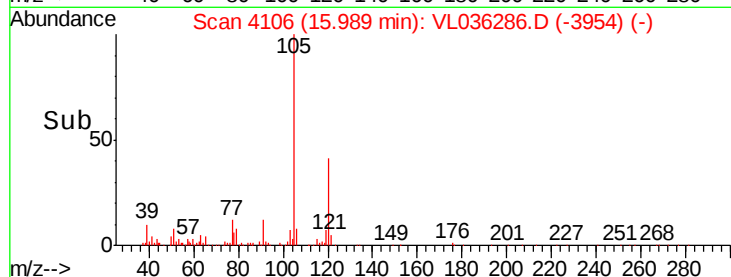
150000

100000

50000

0

Time--> 15.90 15.95 16.00 16.05



#74

1,2,4-Trimethylbenzene

Concen: 3.350 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. -0.01 min

Lab File: VL036286.D

Acq: 29 Jan 2021 00:33

Tgt Ion:105 Resp: 1346286

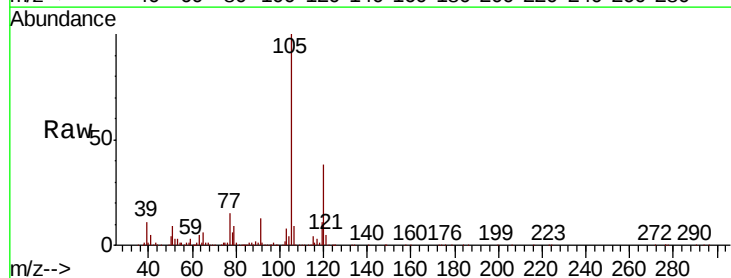
Ion Ratio Lower Upper

105 100

120 38.4 36.2 54.2

91 13.1 43.3 64.9#

77 15.1 19.1 28.7#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

800000

600000

400000

200000

0

Time--> 16.70 16.80

