

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061721\
 Data File : VL037208.D
 Acq On : 17 Jun 2021 19:20
 Operator : SY/AP
 Sample : M2742-05DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DUP

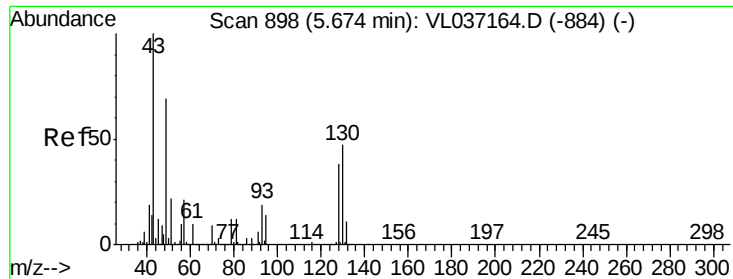
Quant Time: Jun 18 01:23:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1553212	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4317186	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3833954	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2830691	9.74	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.40%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	65453	0.242	ppbv 99
3) Chlorodifluoromethane	2.96	51	348644	1.154	ppbv # 67
4) Chloromethane	3.14	50	76025	0.755	ppbv 95
9) Propene	3.20	41	159842	1.655	ppbv 86
10) Heptane	8.13	43	6646	0.028	ppbv # 1
11) Trichlorofluoromethane	3.95	101	55061	0.191	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	5603	0.028	ppbv # 1
13) Ethanol	3.61	45	1350213	90.386	ppbv 47
15) Acetone	3.85	43	1196681	6.832	ppbv 99
16) 1,3-Butadiene	3.30	39	7537	0.073	ppbv # 11
19) Isopropyl Alcohol	3.98	45	501731	4.729	ppbv # 95
20) Methylene Chloride	4.35	84	1862840	17.765	ppbv 98
23) Vinyl Acetate	5.07	43	79422	0.316	ppbv # 85
25) Ethyl Acetate	5.69	43	1420628	3.747	ppbv # 79
26) Hexane	5.69	57	2011576	10.496	ppbv # 47
29) Chloroform	5.75	83	79913	0.270	ppbv 92
34) 2-Butanone	5.25	43	110077	0.656	ppbv 93
35) Carbon Tetrachloride	7.02	117	6395	0.022	ppbv 92
36) Benzene	6.89	78	39795	0.114	ppbv 92
39) 1,2-Dichloropropane	7.18	63	1044073	8.048	ppbv # 23
41) Tetrahydrofuran	5.69	42	721233	9.248	ppbv # 49
44) 2,2,4-Trimethylpentane	7.87	57	45038	0.077	ppbv # 42
52) Tetrachloroethene	11.22	164	5304	0.033	ppbv # 77
53) Toluene	9.81	91	115149	0.276	ppbv # 20
58) Ethyl Benzene	12.71	91	23572	0.045	ppbv 92
59) m/p-Xylene	12.99	91	9191	0.021	ppbv # 30
60) o-Xylene	13.70	91	10666	0.025	ppbv # 30
69) p-Isopropyltoluene	17.65	119	116067	0.192	ppbv 94
72) 4-Ethyltoluene	15.83	105	10234	0.021	ppbv # 34
73) 1,3,5-Trimethylbenzene	16.00	105	29936	0.064	ppbv # 77
74) 1,2,4-Trimethylbenzene	16.76	105	91034	0.189	ppbv # 67
76) 1,4-Dichlorobenzene	17.14	146	9651	0.033	ppbv # 1

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL037208.D

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IA2DUP

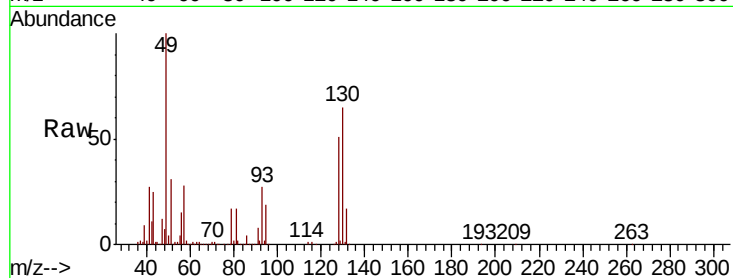
Tot Ion: 49 Resp: 1553212

Ion Ratio Lower Upper

49 100

128 53.6 29.3 88.0

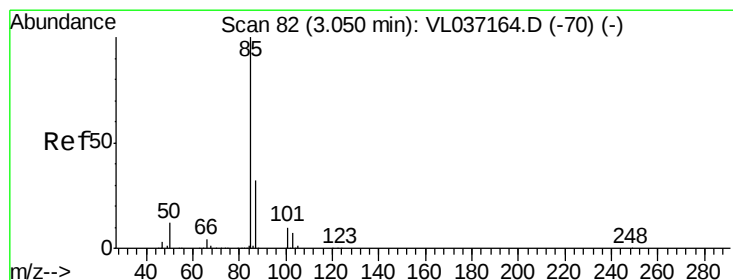
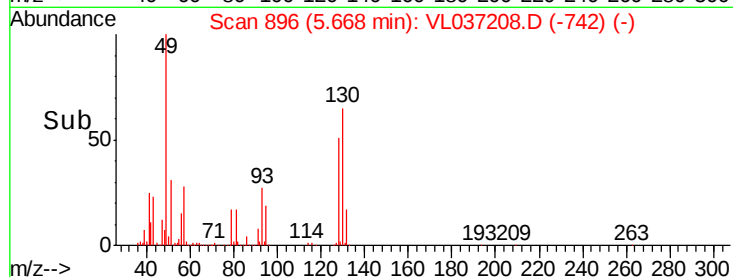
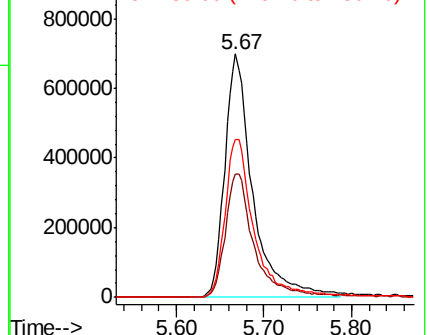
130 69.0 35.9 107.8



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: 0.242 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL037208.D

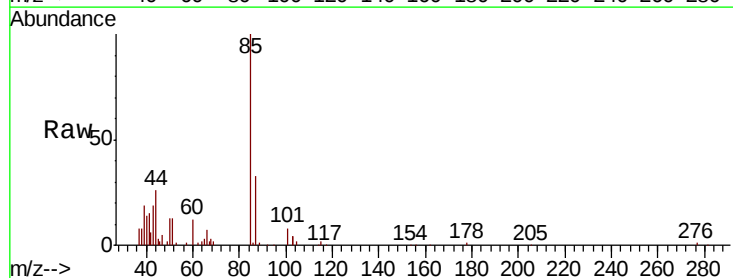
Acq: 17 Jun 2021 19:20

Tgt Ion: 85 Resp: 65453

Ion Ratio Lower Upper

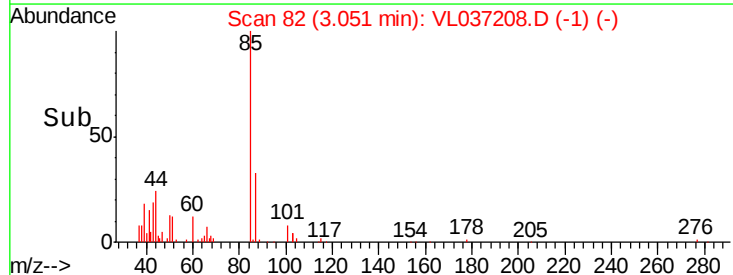
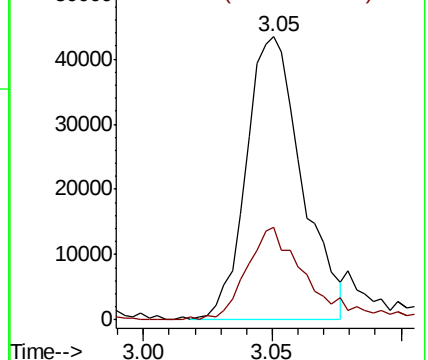
85 100

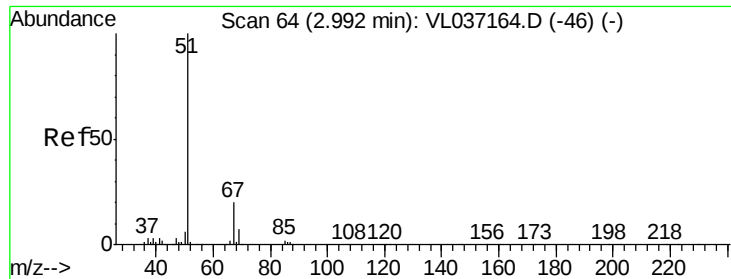
87 31.5 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.154 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.03 min

Lab File: VL037208.D

Acq: 17 Jun 2021 19:20

Instrument :

MSVOA_L

ClientSampleId :

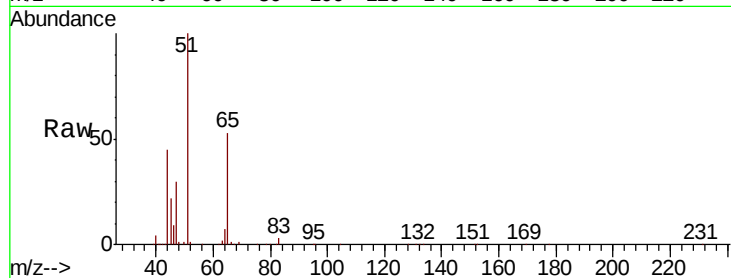
IA2DUP

Tot Ion: 51 Resp: 348644

Ion Ratio Lower Upper

51 100

67 4.5 15.8 23.6#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.96

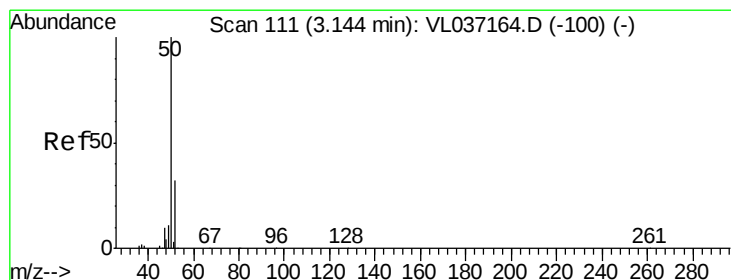
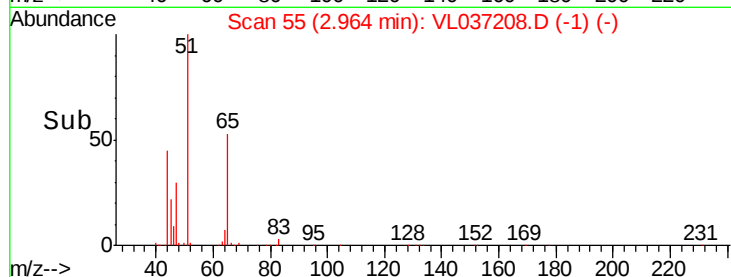
150000

100000

50000

0

Time-->



#4

Chloromethane

Concen: 0.755 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL037208.D

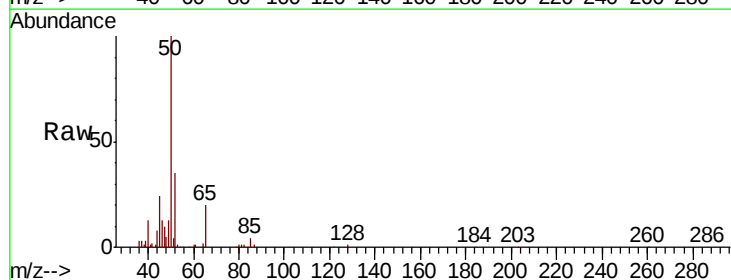
Acq: 17 Jun 2021 19:20

Tgt Ion: 50 Resp: 76025

Ion Ratio Lower Upper

50 100

52 34.9 25.8 38.8



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.14

50000

40000

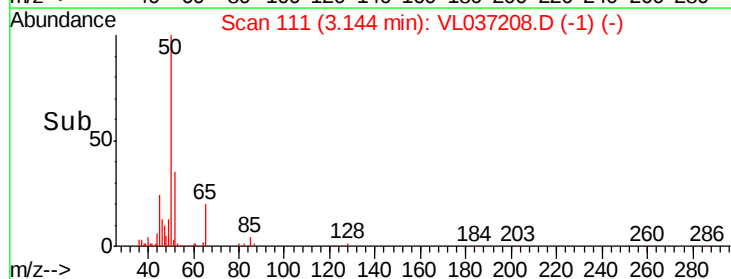
30000

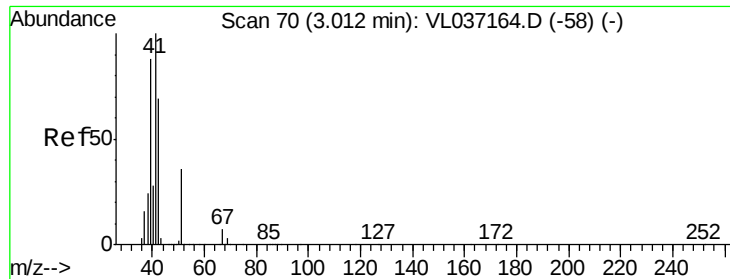
20000

10000

0

Time-->





#9

Propene

Concen: 1.655 ppbv

RT: 3.20 min Scan# 130

Delta R.T. 0.19 min

Lab File: VL037208.D

Acq: 17 Jun 2021 19:20

Instrument :

MSVOA_L

ClientSampleId :

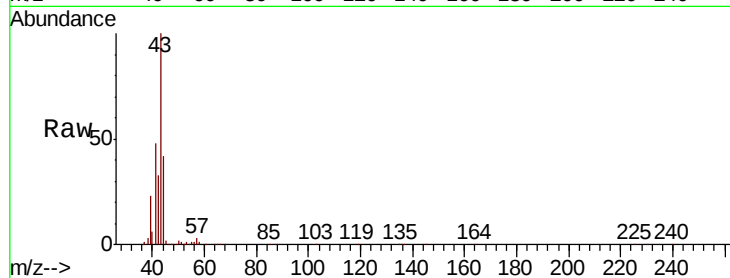
IA2DUP

Tot Ion: 41 Resp: 159842

Ion Ratio Lower Upper

41 100

42 79.4 54.5 81.7



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

120000

100000

80000

60000

40000

20000

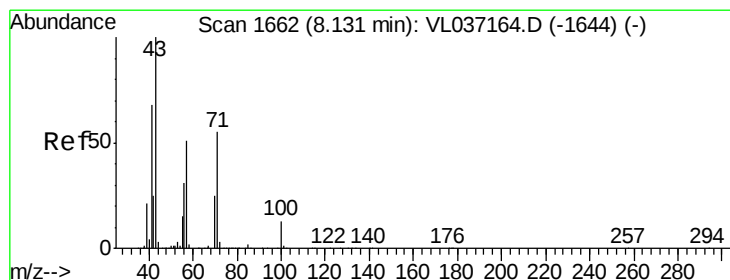
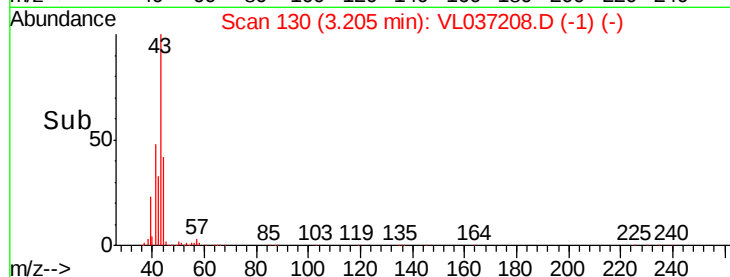
0

3.15

3.20

3.25

Time-->



#10

Heptane

Concen: 0.028 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VL037208.D

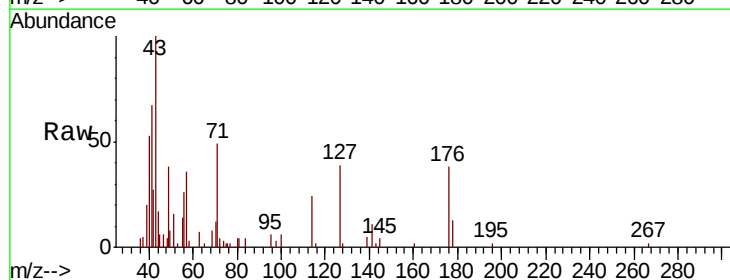
Acq: 17 Jun 2021 19:20

Tgt Ion: 43 Resp: 6646

Ion Ratio Lower Upper

43 100

57 145.9 40.6 61.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

10000

8000

6000

4000

2000

0

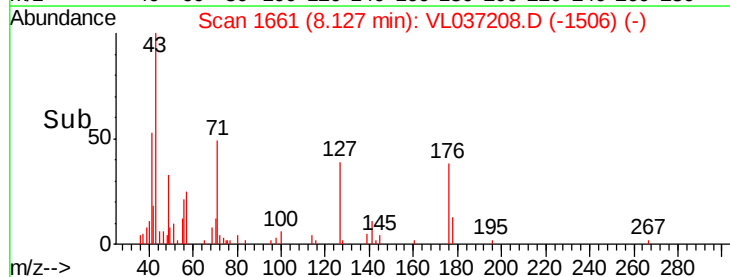
8.11

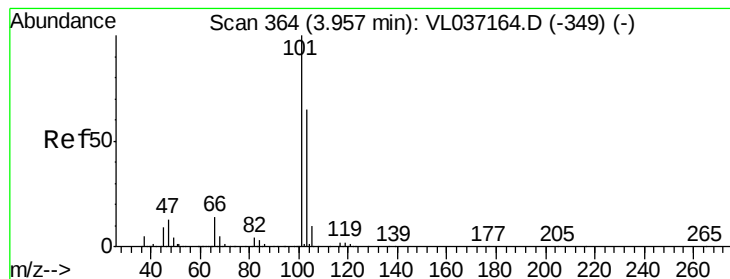
8.12

8.13

8.14

Time-->





#11

Trichlorofluoromethane

Concen: 0.191 ppbv

RT: 3.95 min Scan# 362

Delta R.T. -0.01 min

Lab File: VL037208.D

Acq: 17 Jun 2021 19:20

Instrument :

MSVOA_L

ClientSampleId :

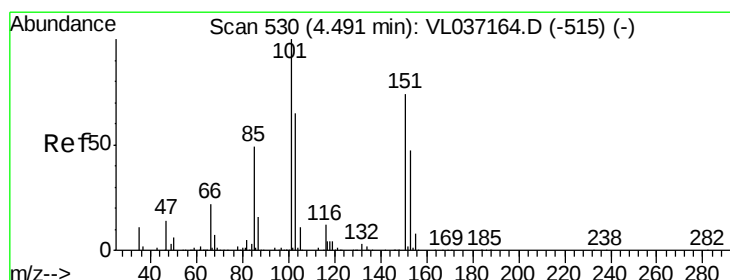
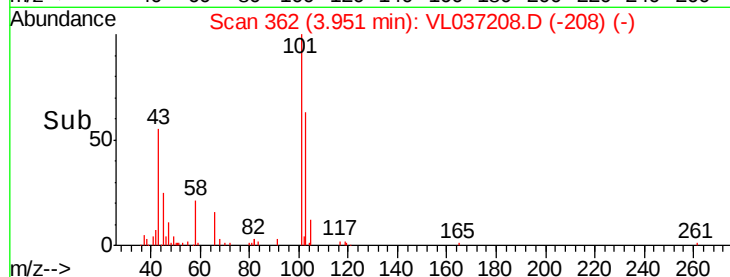
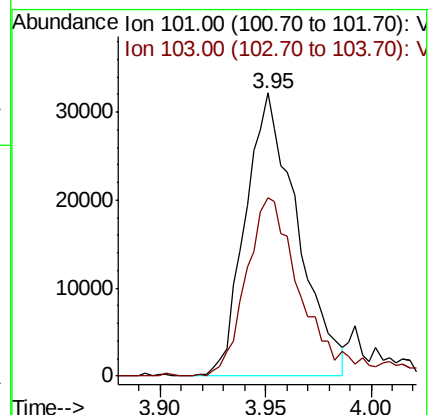
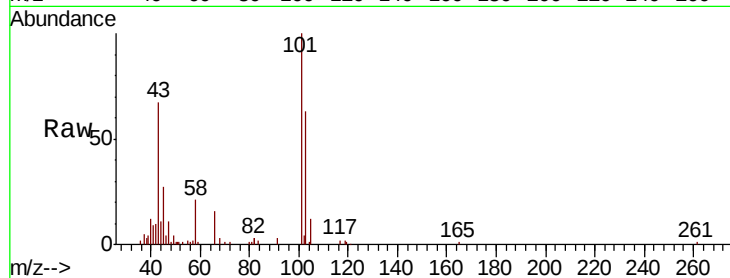
IA2DUP

Tot Ion:101 Resp: 55061

Ion Ratio Lower Upper

101 100

103 62.9 52.2 78.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.028 ppbv

RT: 4.49 min Scan# 530

Delta R.T. 0.00 min

Lab File: VL037208.D

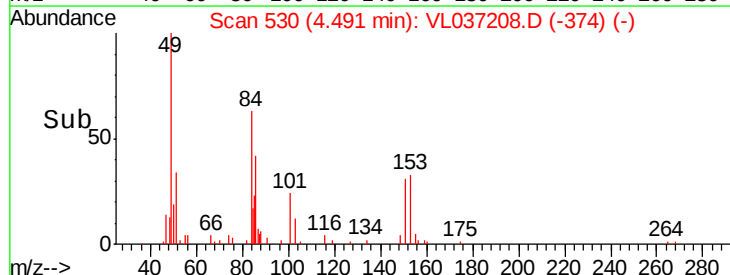
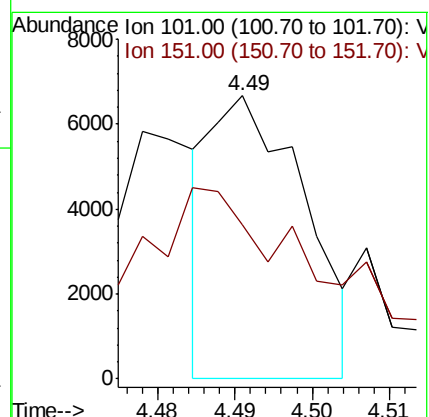
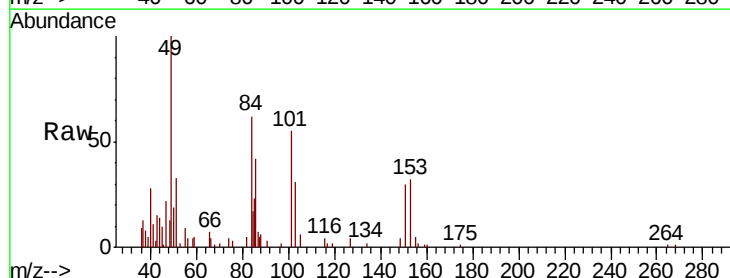
Acq: 17 Jun 2021 19:20

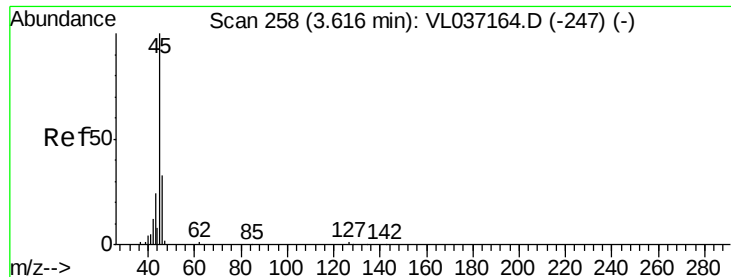
Tgt Ion:101 Resp: 5603

Ion Ratio Lower Upper

101 100

151 167.7 59.1 88.7#

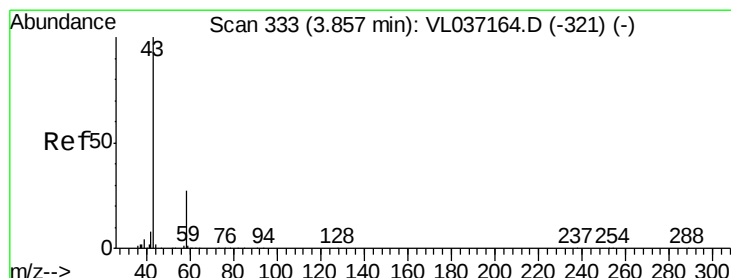
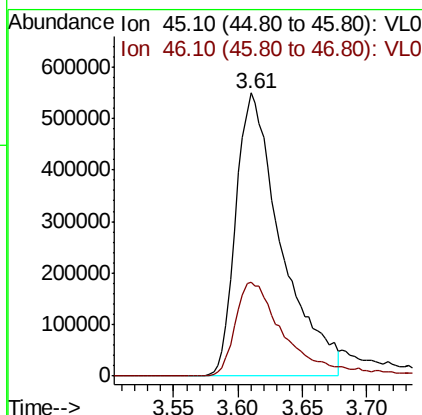
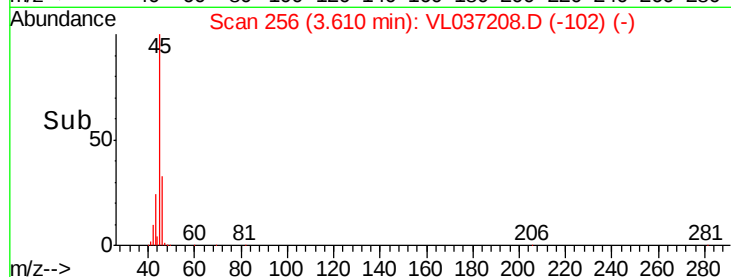
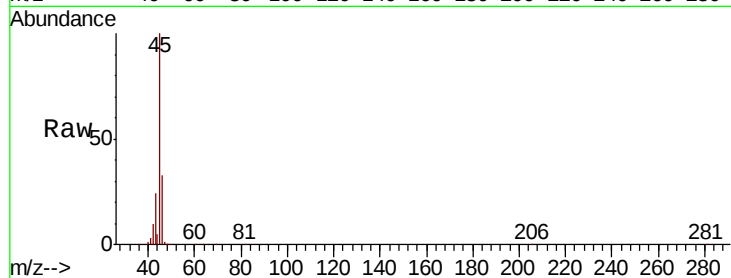




#13
Ethanol
Concen: 90.386 ppbv
RT: 3.61 min Scan# 256
Delta R.T. -0.01 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

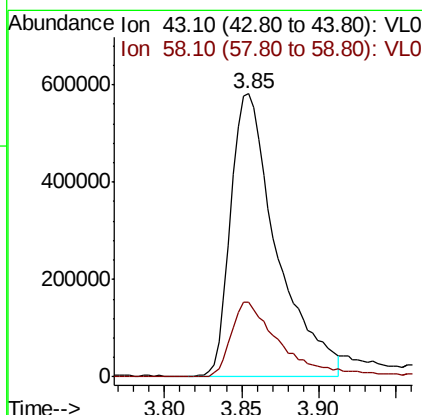
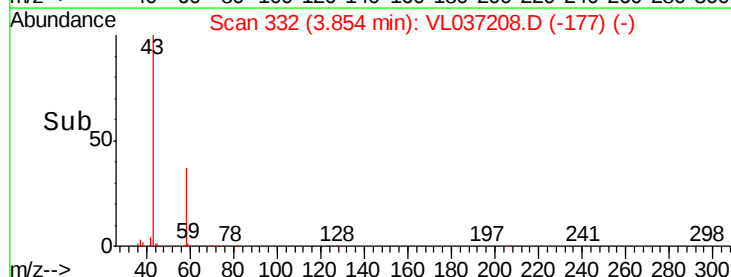
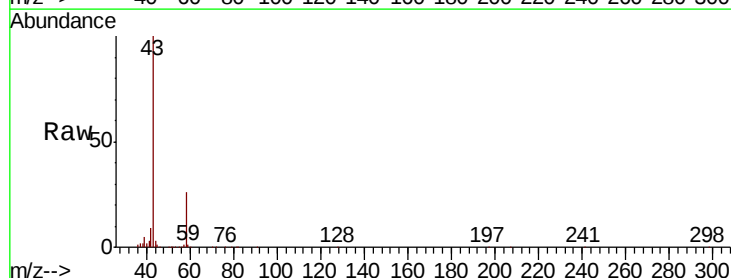
Instrument :
MSVOA_L
ClientSampleId :
IA2DUP

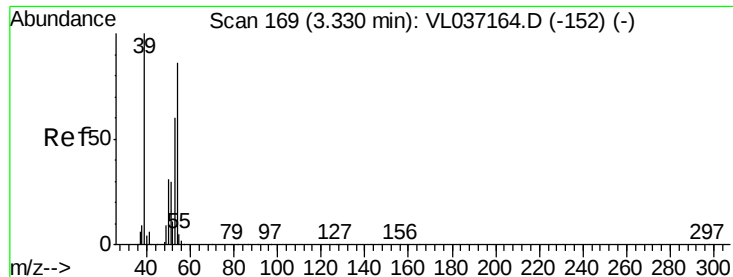
Tot Ion: 45 Resp: 1350213
Ion Ratio Lower Upper
45 100
46 37.5 34.2 137.0



#15
Acetone
Concen: 6.832 ppbv
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

Tgt Ion: 43 Resp: 1196681
Ion Ratio Lower Upper
43 100
58 29.0 23.7 35.5

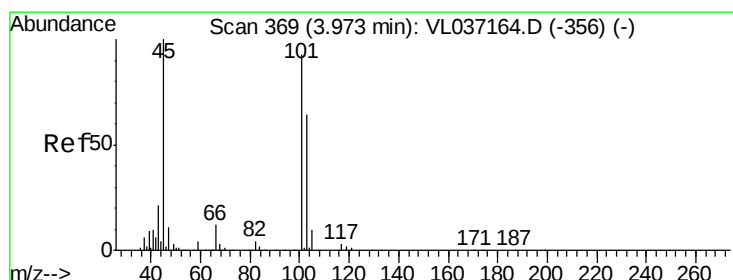
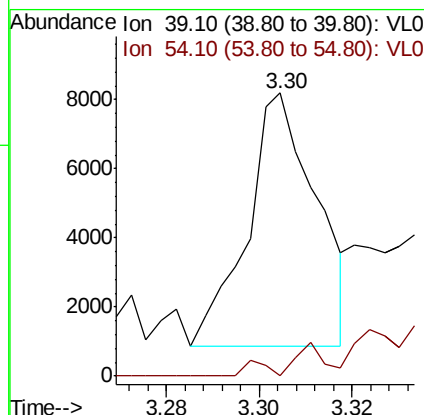
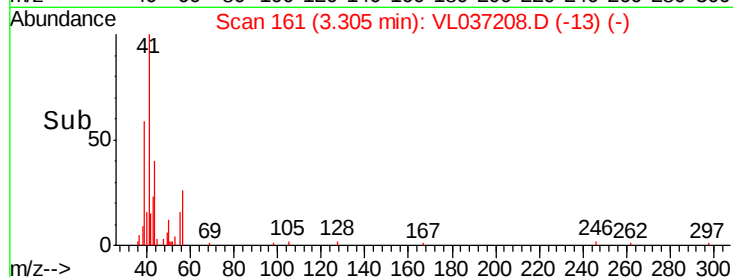
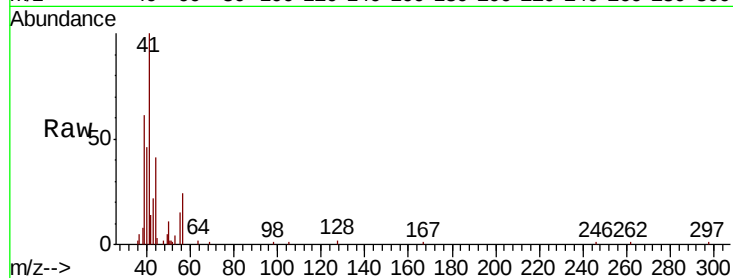




#16
1,3-Butadiene
Concen: 0.073 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.03 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

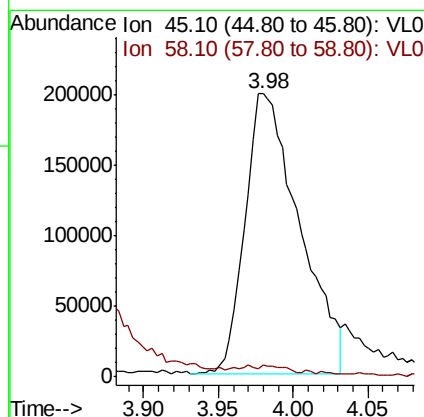
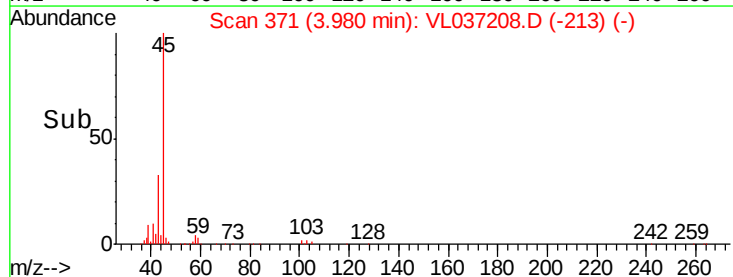
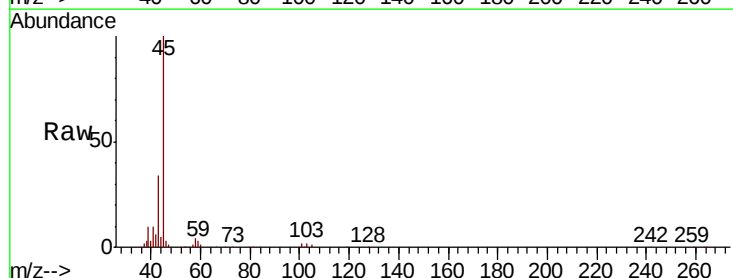
Instrument :
MSVOA_L
ClientSampleId :
IA2DUP

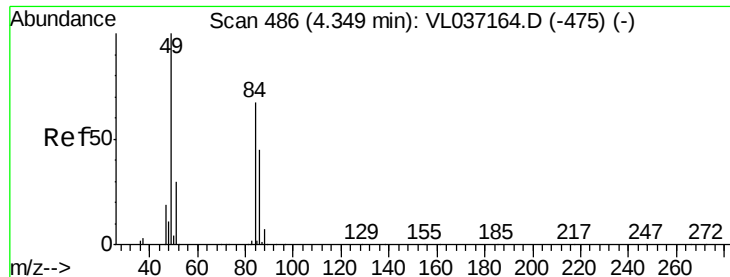
Tot Ion: 39 Resp: 7537
Ion Ratio Lower Upper
39 100
54 0.0 61.2 91.8#



#19
Isopropyl Alcohol
Concen: 4.729 ppbv
RT: 3.98 min Scan# 371
Delta R.T. 0.01 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

Tgt Ion: 45 Resp: 501731
Ion Ratio Lower Upper
45 100
58 4.7 2.4 3.6#



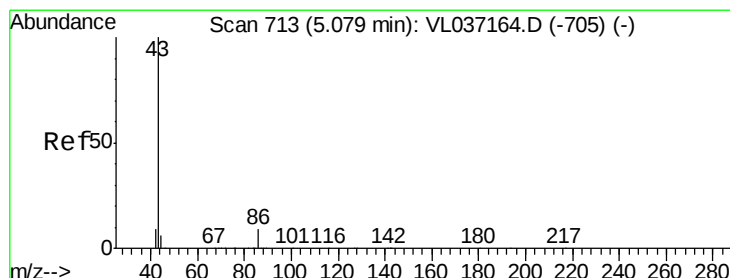
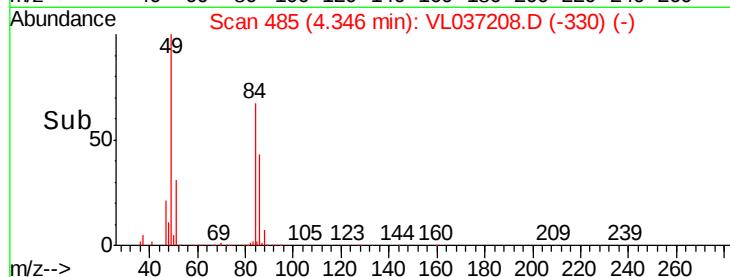
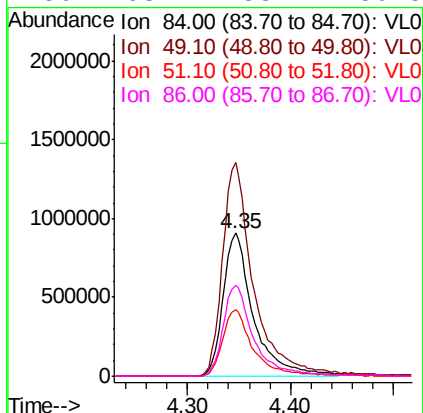
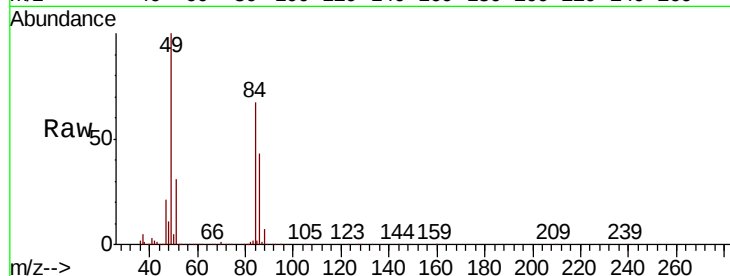


#20
Methvlene Chloride
Concen: 17.765 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

Instrument :
MSVOA_L
ClientSampleId :
IA2DUP

Tot Ion: 84 Resp: 1862840

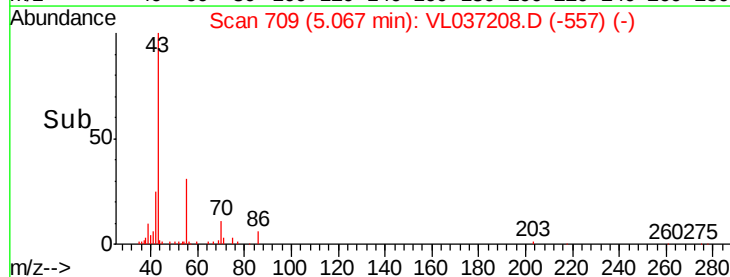
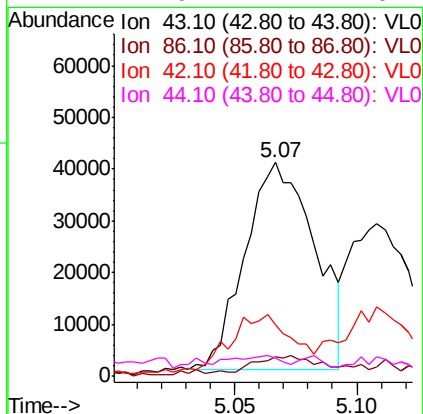
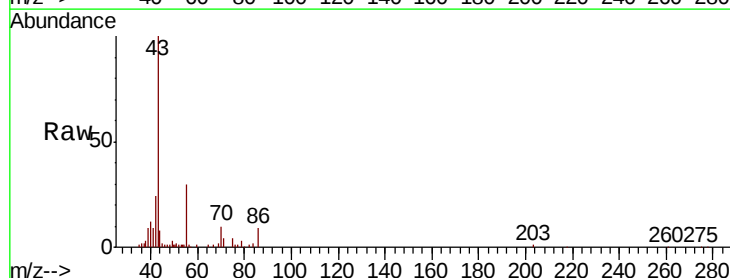
Ion	Ratio	Lower	Upper
84	100		
49	149.4	119.7	179.5
51	46.5	36.1	54.1
86	63.7	53.7	80.5

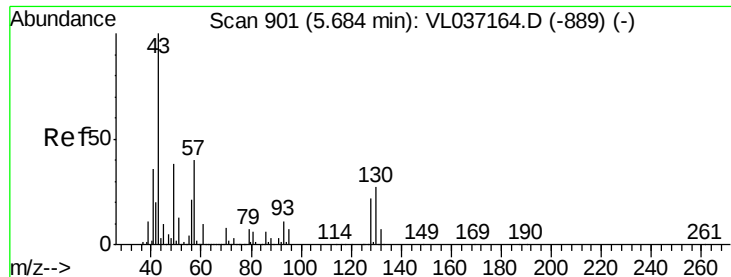


#23
Vinyl Acetate
Concen: 0.316 ppbv
RT: 5.07 min Scan# 709
Delta R.T. -0.01 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

Tgt Ion: 43 Resp: 79422

Ion	Ratio	Lower	Upper
43	100		
86	8.2	5.8	8.8
42	20.9	8.2	12.2#
44	2.9	4.2	6.4#



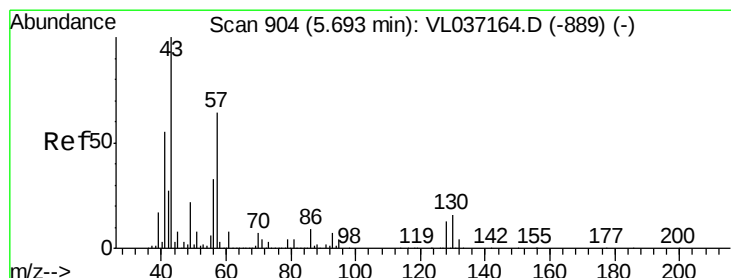
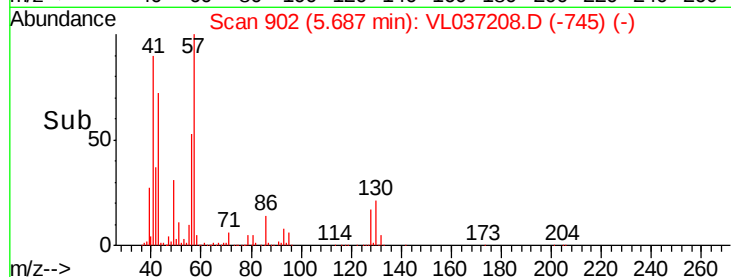
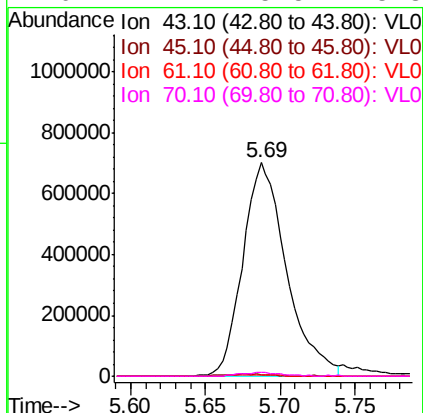
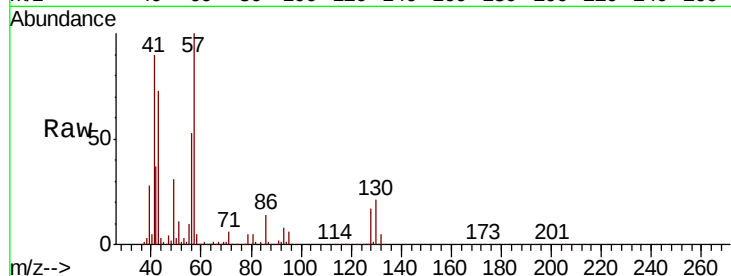


#25
Ethyl Acetate
Concen: 3.747 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

Instrument :
MSVOA_L
ClientSampleId :
IA2DUP

Tot Ion: 43 Resp: 1420628

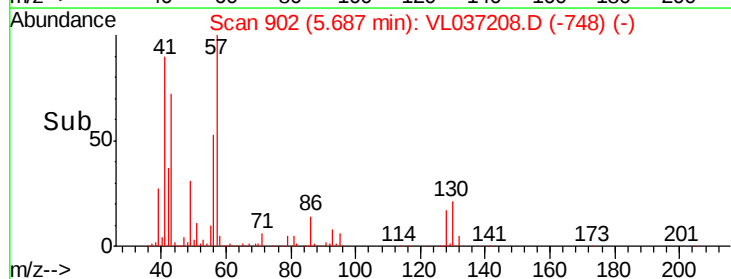
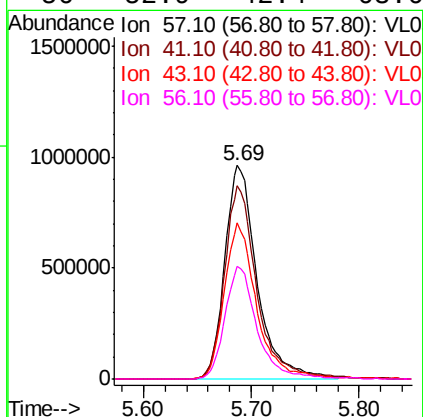
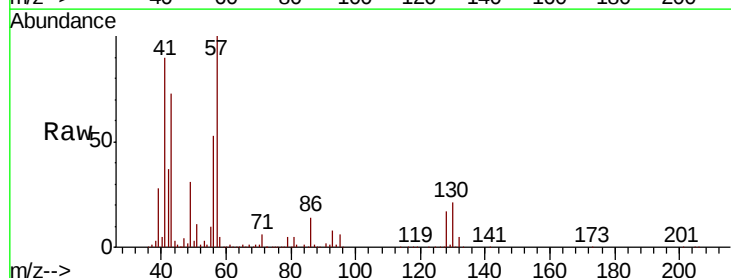
Ion	Ratio	Lower	Upper
43	100		
45	1.5	8.0	12.0#
61	0.9	8.1	12.1#
70	2.1	5.5	8.3#

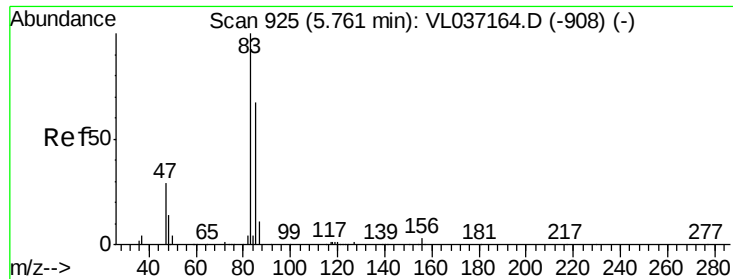


#26
Hexane
Concen: 10.496 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

Tgt Ion: 57 Resp: 2011576

Ion	Ratio	Lower	Upper
57	100		
41	91.1	73.5	110.3
43	73.9	170.7	256.1#
56	52.9	42.4	63.6





#29

Chloroform

Concen: 0.270 ppbv

RT: 5.75 min Scan# 923

Delta R.T. -0.01 min

Lab File: VL037208.D

Acq: 17 Jun 2021 19:20

Instrument :

MSVOA_L

ClientSampleId :

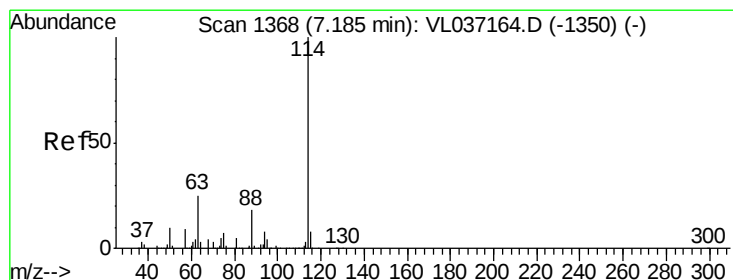
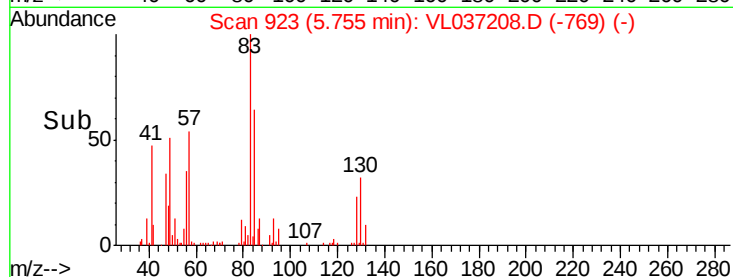
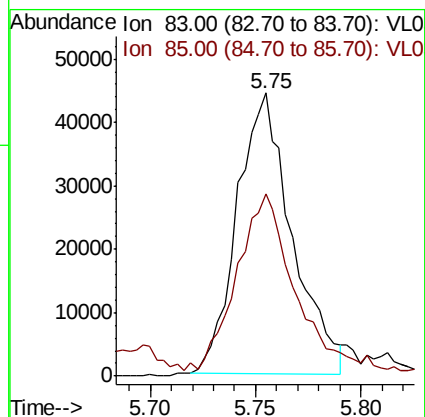
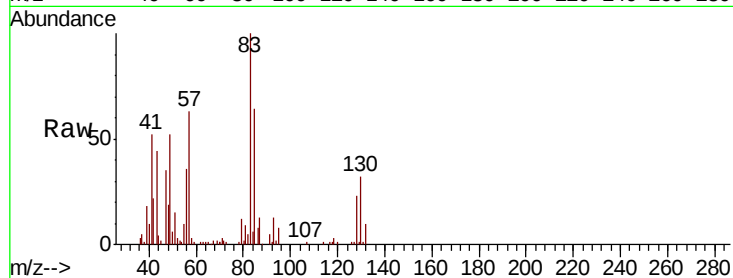
IA2DUP

Tot Ion: 83 Resp: 79913

Ion Ratio Lower Upper

83 100

85 60.4 53.6 80.4



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VL037208.D

Acq: 17 Jun 2021 19:20

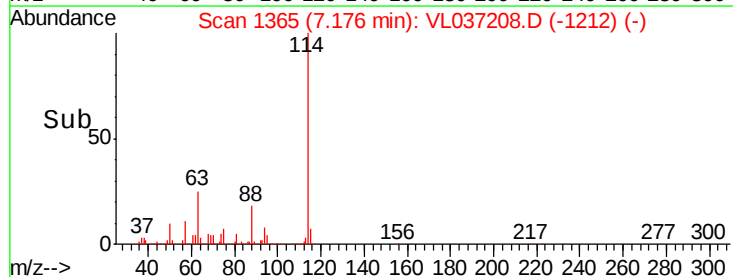
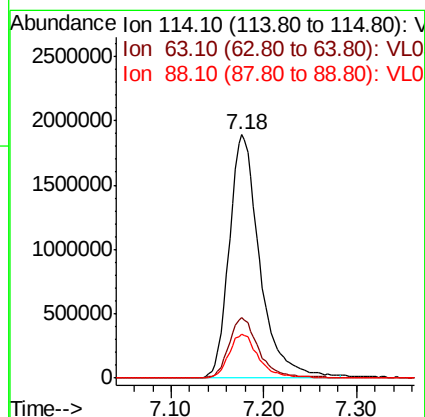
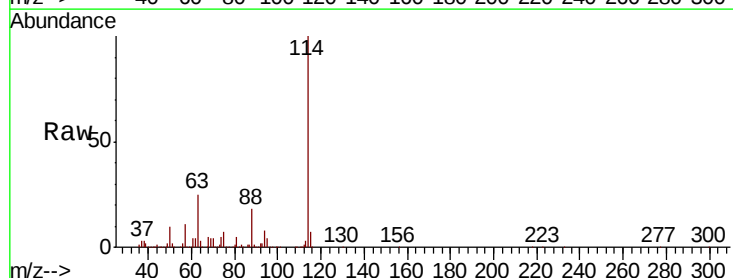
Tgt Ion: 114 Resp: 4317186

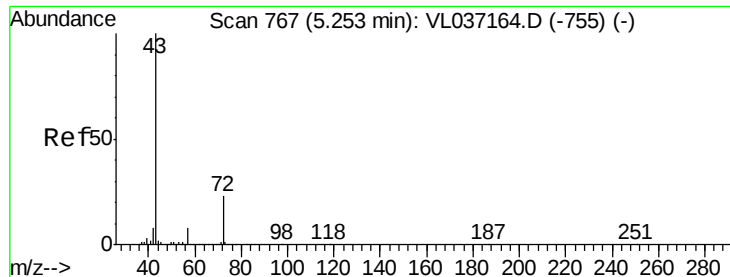
Ion Ratio Lower Upper

114 100

63 24.7 19.6 29.4

88 18.0 14.2 21.2

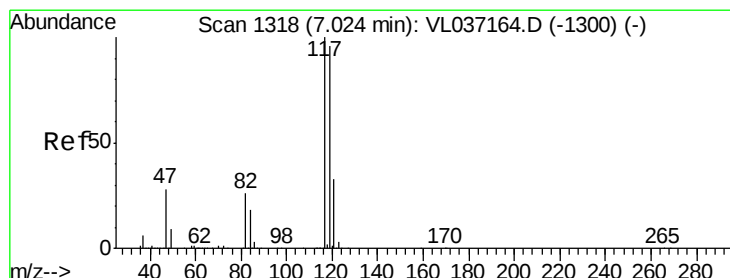
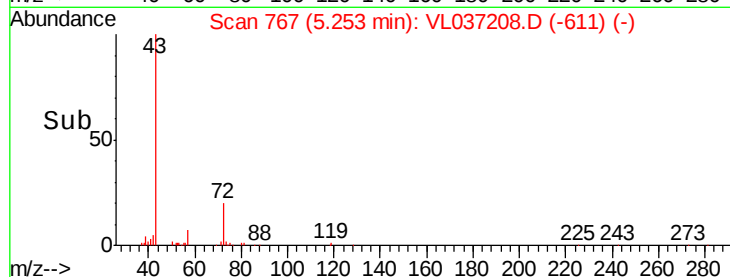
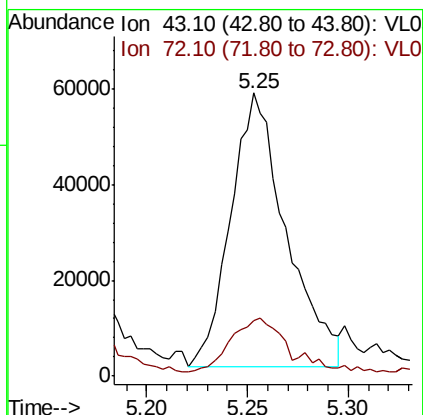
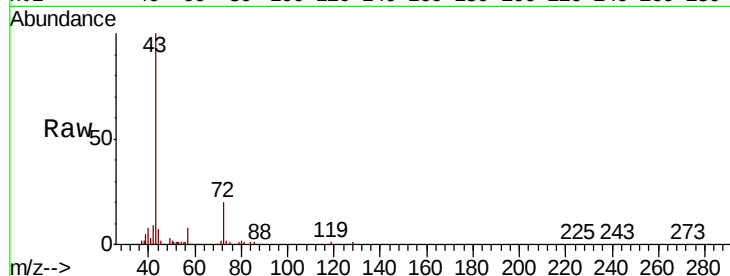




#34
2-Butanone
Concen: 0.656 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.00 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

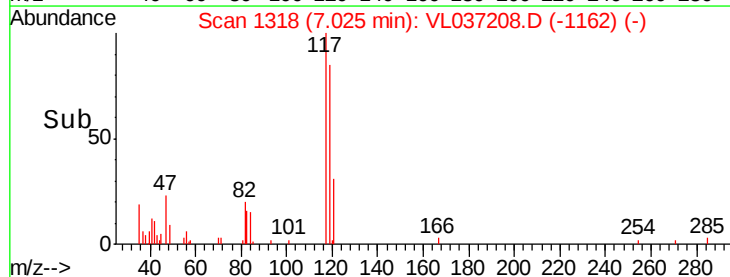
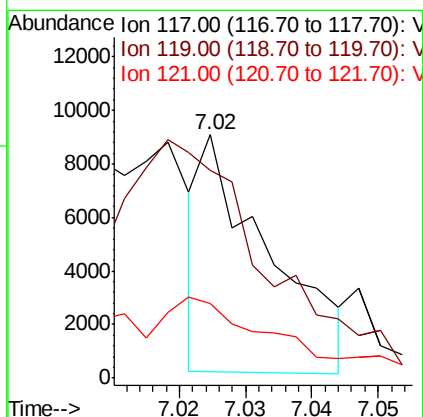
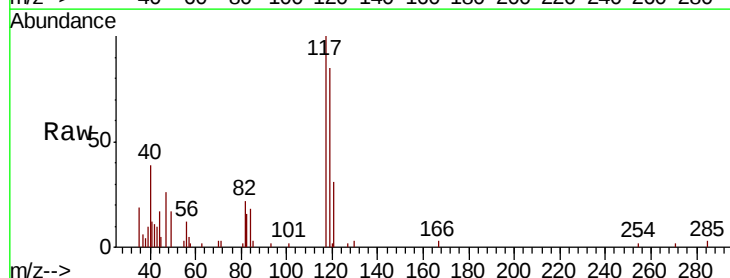
Instrument :
MSVOA_L
ClientSampled :
IA2DUP

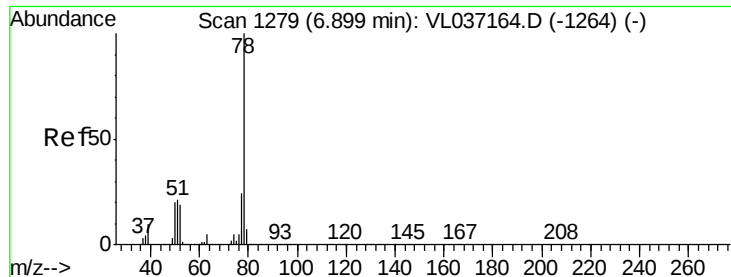
Tot Ion: 43 Resp: 110077
Ion Ratio Lower Upper
43 100
72 27.2 18.9 28.3



#35
Carbon Tetrachloride
Concen: 0.022 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

Tgt Ion: 117 Resp: 6395
Ion Ratio Lower Upper
117 100
119 85.9 76.6 114.8
121 31.9 26.4 39.6





#36

Benzene

Concen: 0.114 ppbv

RT: 6.89 min Scan# 1276

Delta R.T. -0.01 min

Lab File: VL037208.D

Acq: 17 Jun 2021 19:20

Instrument :

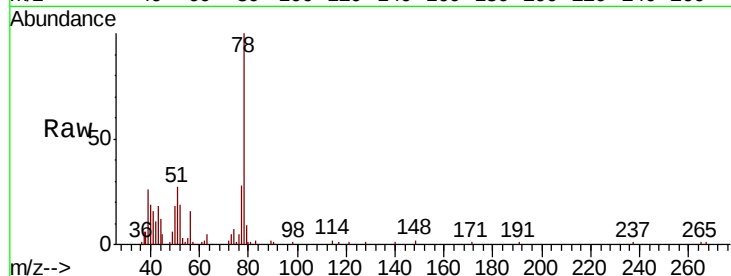
MSVOA_L

ClientSampleId :

IA2DUP

Tot Ion: 78 Resp: 39795

Ion	Ratio	Lower	Upper
78	100		
77	28.3	19.0	28.6
50	16.5	15.7	23.5

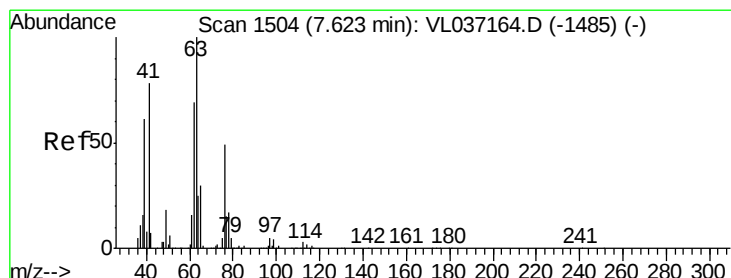
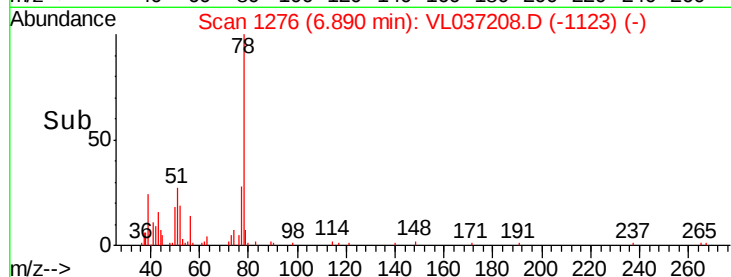
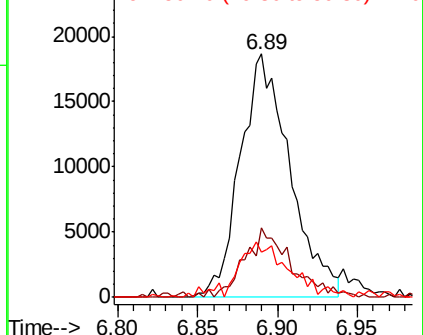


Abundance

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: 8.048 ppbv

RT: 7.18 min Scan# 1365

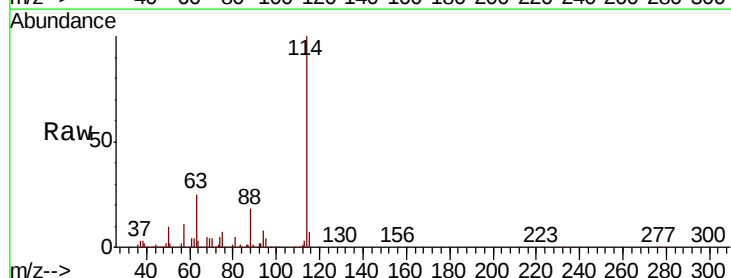
Delta R.T. -0.45 min

Lab File: VL037208.D

Acq: 17 Jun 2021 19:20

Tgt Ion: 63 Resp: 1044073

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.0	93.0#
62	17.3	54.9	82.3#

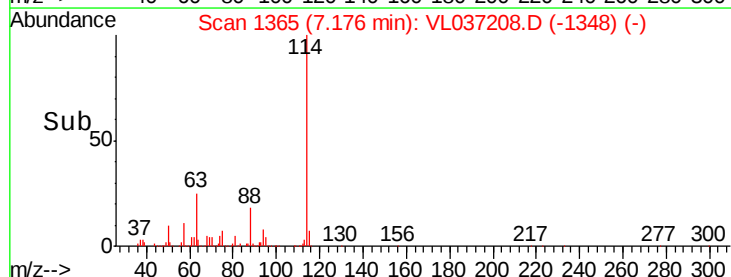
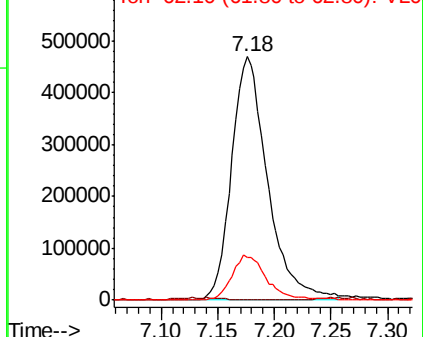


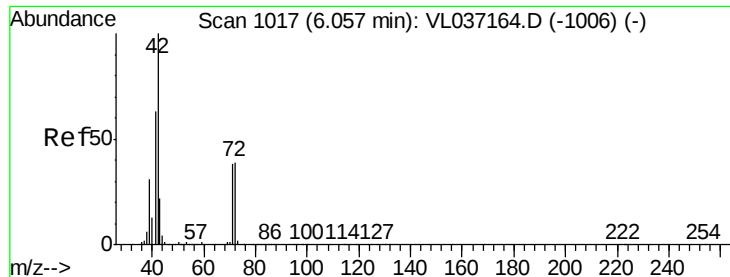
Abundance

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

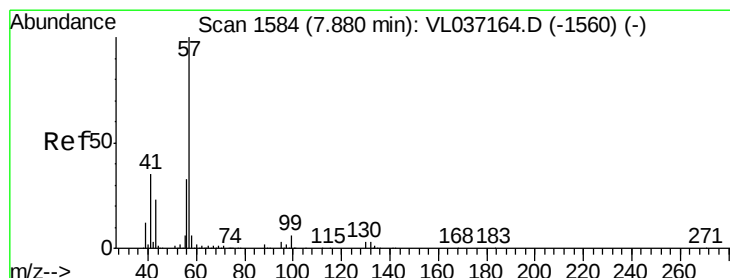
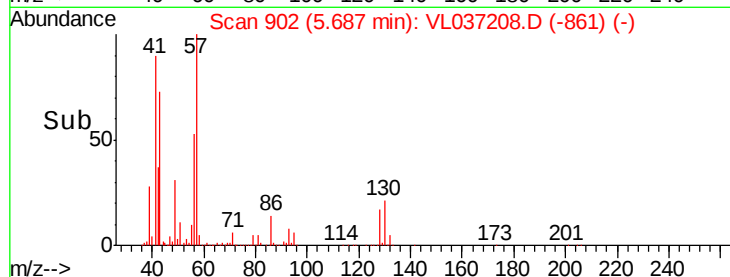
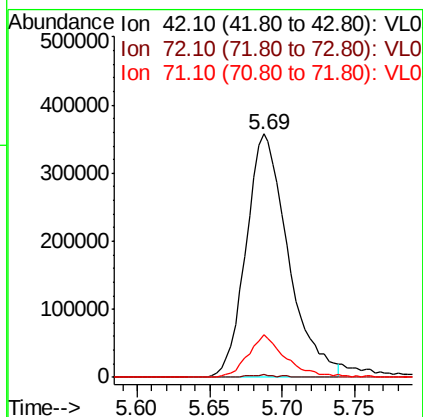
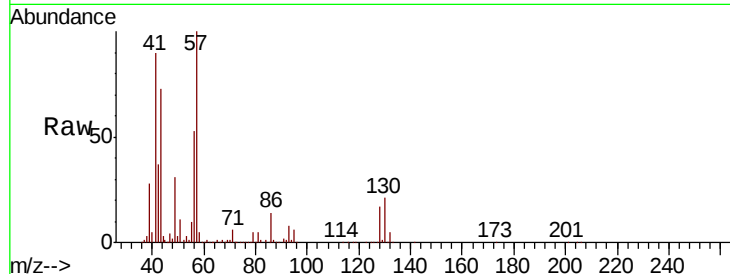




#41
Tetrahydrofuran
Concen: 9.248 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.37 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

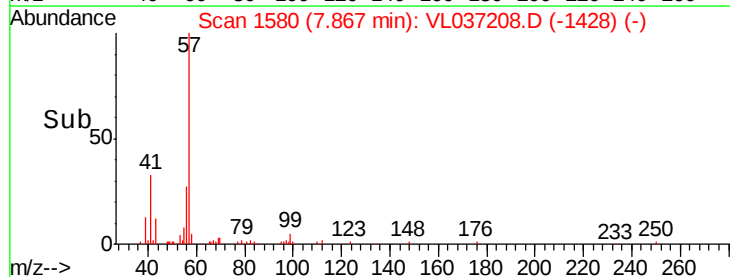
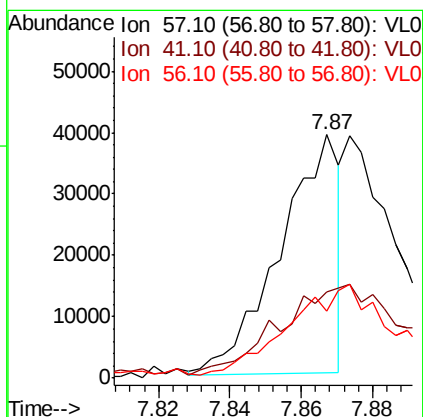
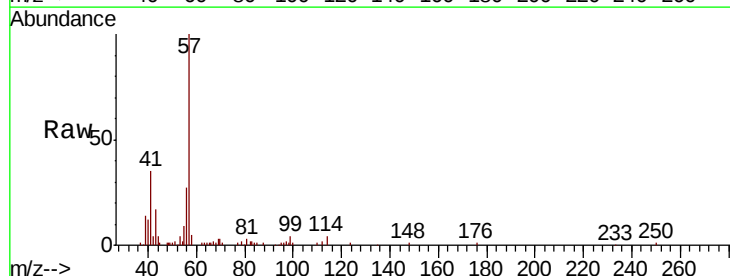
Instrument :
MSVOA_L
ClientSampleId :
IA2DUP

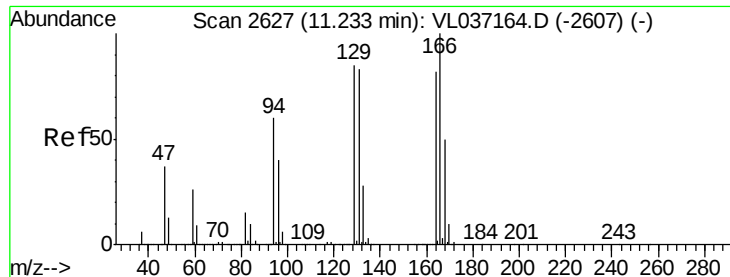
Tot Ion	Ratio	Lower	Upper
42	100		
72	1.1	33.0	49.4#
71	16.1	31.0	46.6#



#44
2,2,4-Trimethylpentane
Concen: 0.077 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

Tgt Ion	Ratio	Lower	Upper
57	100		
41	0.0	27.6	41.4#
56	0.0	25.3	37.9#





#52

Tetrachloroethene

Concen: 0.033 ppbv

RT: 11.22 min Scan# 2624

Delta R.T. -0.01 min

Lab File: VL037208.D

Acq: 17 Jun 2021 19:20

Instrument :

MSVOA_L

ClientSampleId :

IA2DUP

Tot Ion:164 Resp: 5304

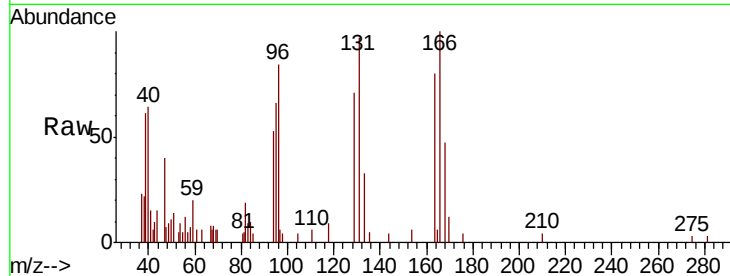
Ion Ratio Lower Upper

164 100

166 101.7 97.6 146.4

129 86.6 82.9 124.3

131 137.5 80.6 120.8#



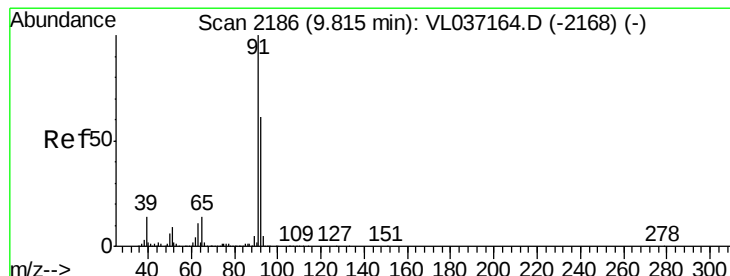
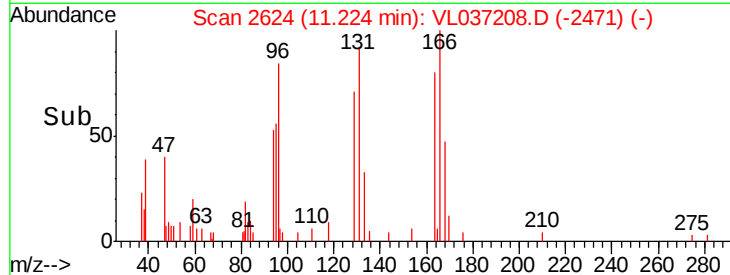
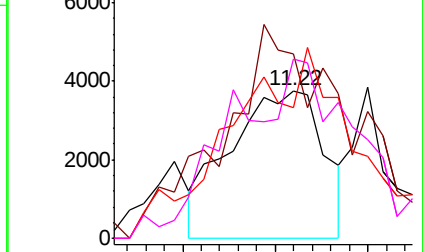
Abundance

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: 0.276 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL037208.D

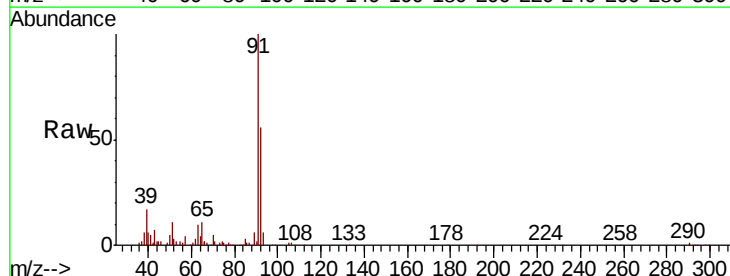
Acq: 17 Jun 2021 19:20

Tgt Ion: 91 Resp: 115149

Ion Ratio Lower Upper

91 100

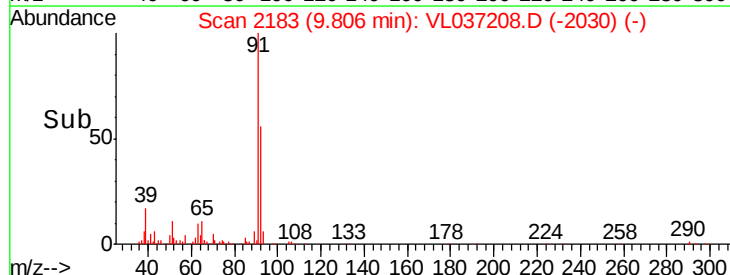
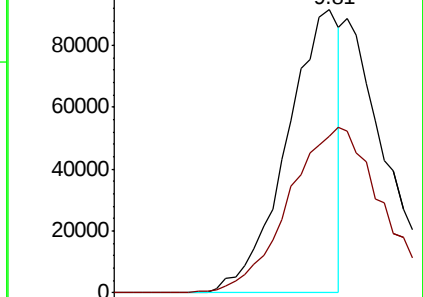
92 0.0 48.3 72.5#

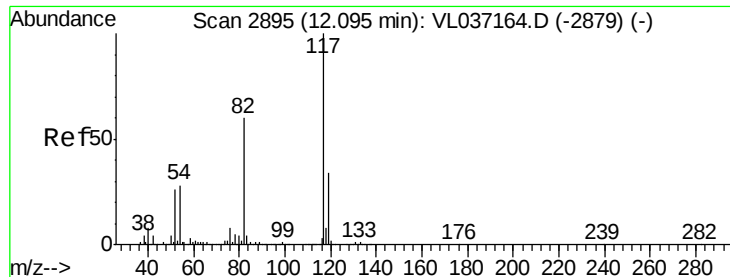


Abundance

Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

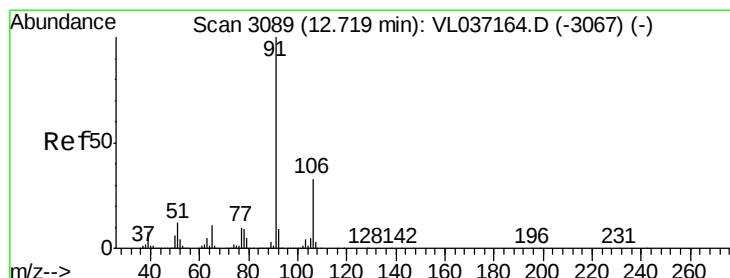
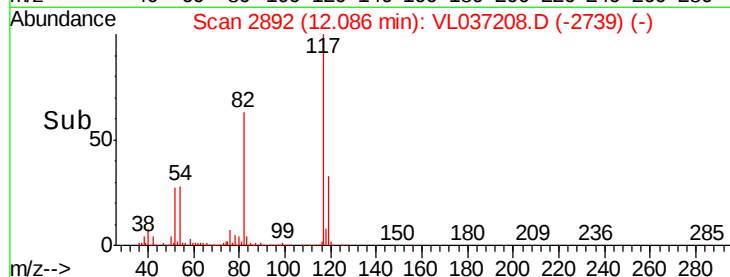
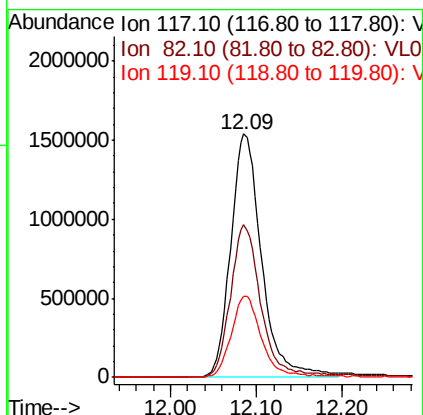
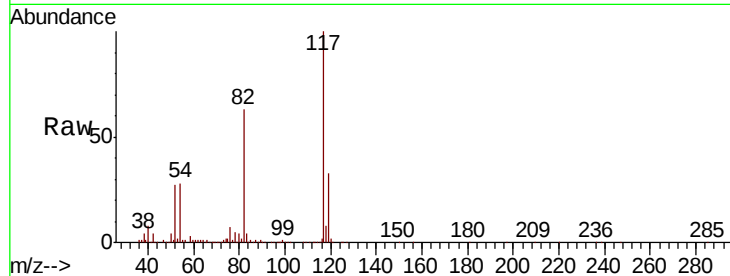




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

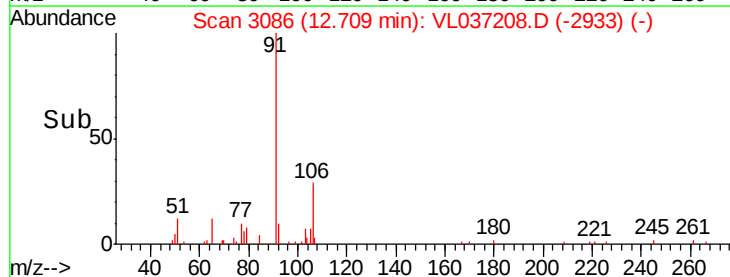
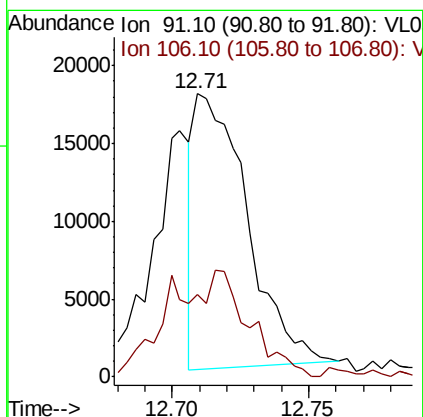
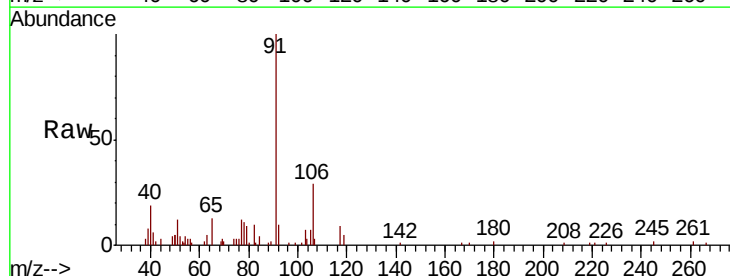
Instrument :
MSVOA_L
ClientSampleId :
IA2DUP

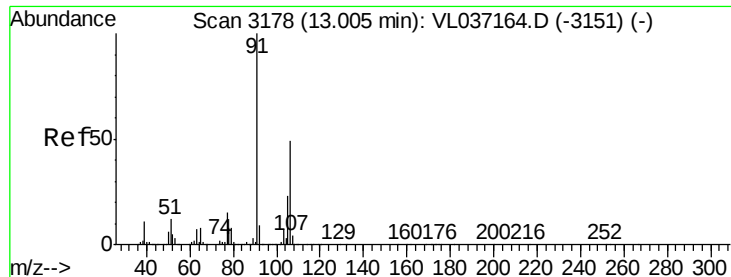
Tot Ion:117 Resp: 3833954
Ion Ratio Lower Upper
117 100
82 63.8 51.7 77.5
119 33.8 47.6 71.4#



#58
Ethyl Benzene
Concen: 0.045 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.01 min
Lab File: VL037208.D
Acq: 17 Jun 2021 19:20

Tgt Ion: 91 Resp: 23572
Ion Ratio Lower Upper
91 100
106 28.1 26.3 39.5





#59

m/p-Xylene

Concen: 0.021 ppbv

RT: 12.99 min Scan# 3174

Delta R.T. -0.01 min

Lab File: VL037208.D

Acq: 17 Jun 2021 19:20

Instrument :

MSVOA_L

ClientSampleId :

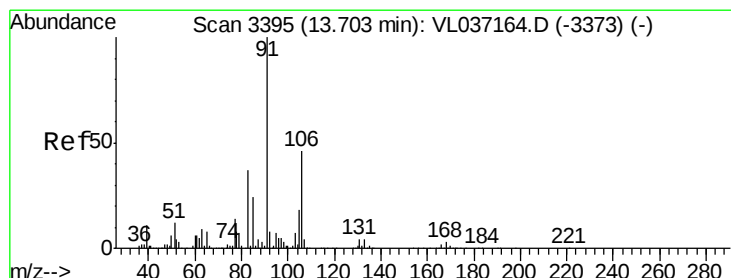
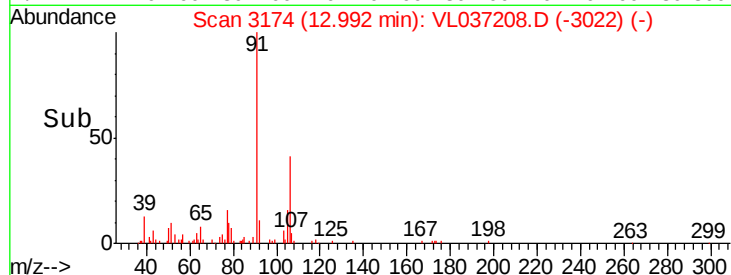
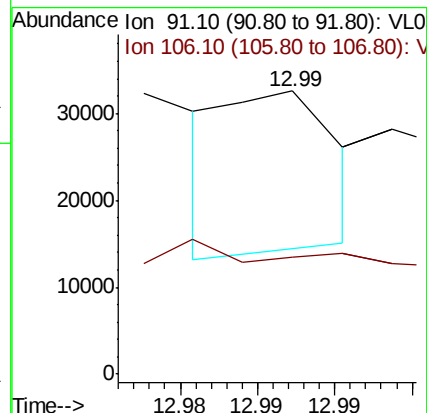
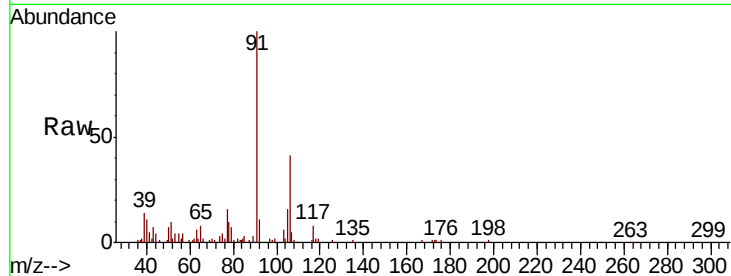
IA2DUP

Tot Ion: 91 Resp: 9191

Ion Ratio Lower Upper

91 100

106 0.0 37.0 55.4#



#60

o-Xylene

Concen: 0.025 ppbv

RT: 13.70 min Scan# 3393

Delta R.T. -0.01 min

Lab File: VL037208.D

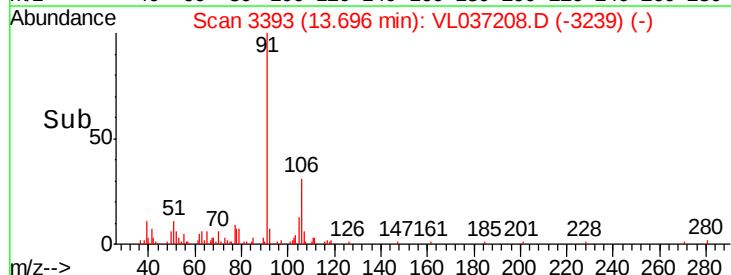
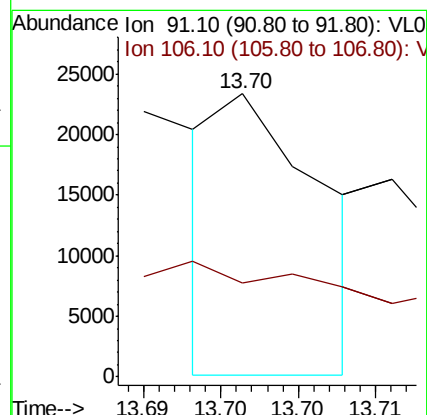
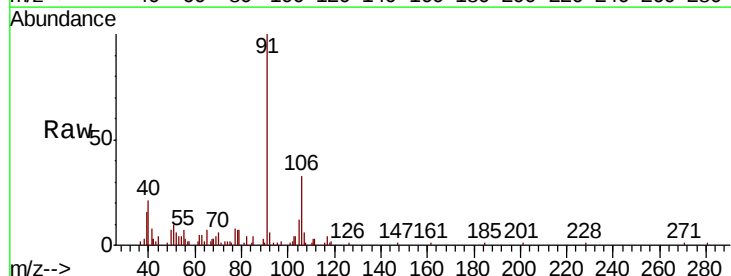
Acq: 17 Jun 2021 19:20

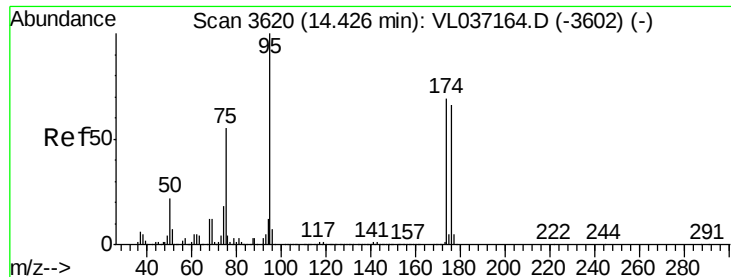
Tgt Ion: 91 Resp: 10666

Ion Ratio Lower Upper

91 100

106 0.0 23.0 69.0#

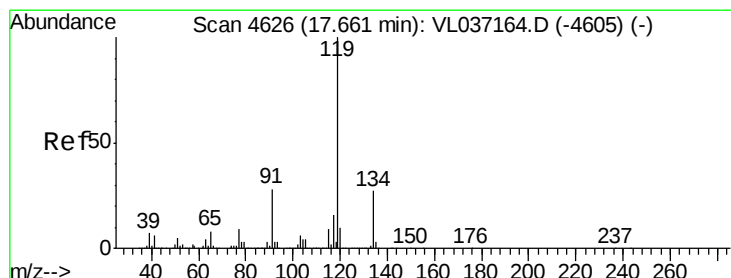
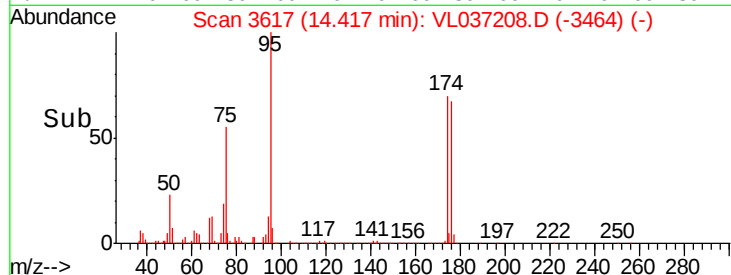
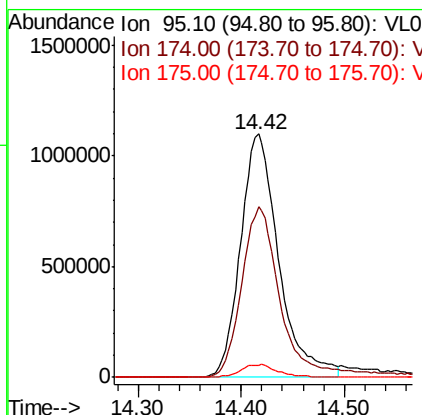
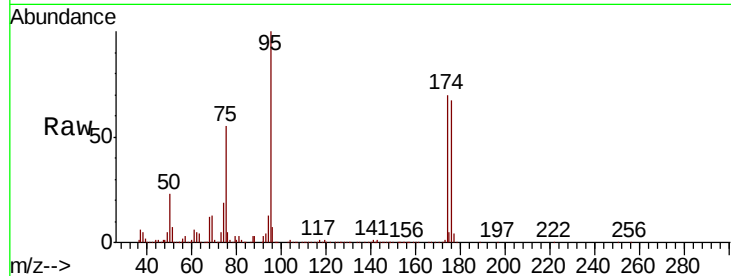




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.743 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL037208.D
 Acq: 17 Jun 2021 19:20

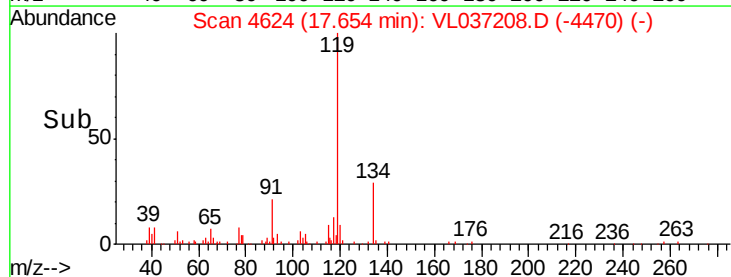
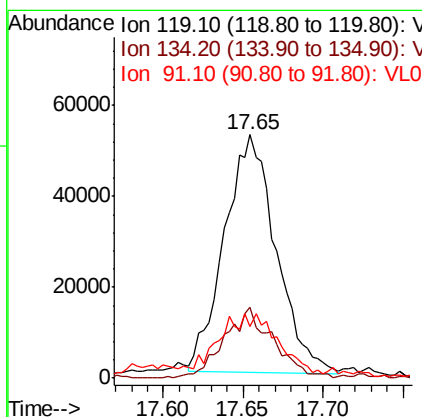
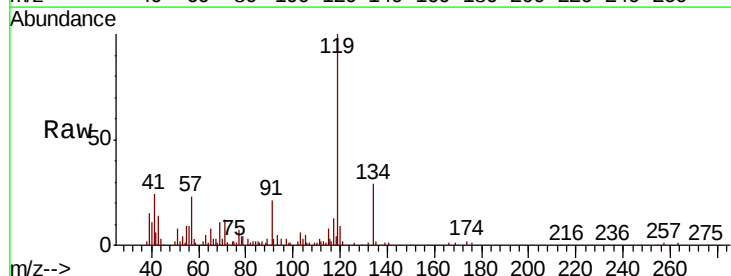
Instrument :
 MSVOA_L
 ClientSampleID :
 IA2DUP

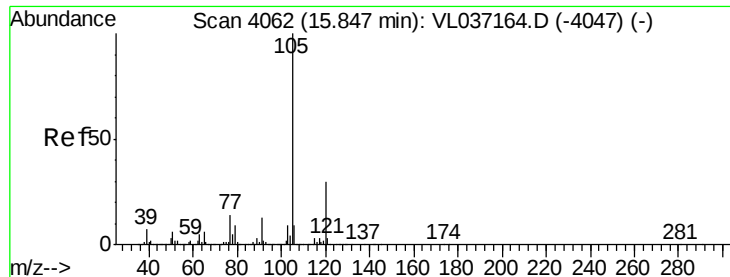
Tot Ion: 95 Resp: 2830691
 Ion Ratio Lower Upper
 95 100
 174 73.9 57.0 85.4
 175 5.6 4.4 6.6



#69
 p-Isopropyltoluene
 Concen: 0.192 ppbv
 RT: 17.65 min Scan# 4624
 Delta R.T. -0.01 min
 Lab File: VL037208.D
 Acq: 17 Jun 2021 19:20

Tgt Ion: 119 Resp: 116067
 Ion Ratio Lower Upper
 119 100
 134 28.0 20.9 31.3
 91 32.1 22.6 34.0





#72

4-Ethyltoluene

Concen: 0.021 ppbv

RT: 15.83 min Scan# 4058

Delta R.T. -0.01 min

Lab File: VL037208.D

Acq: 17 Jun 2021 19:20

Instrument :

MSVOA_L

ClientSampled :

IA2DUP

Tot Ion:105 Resp: 10234

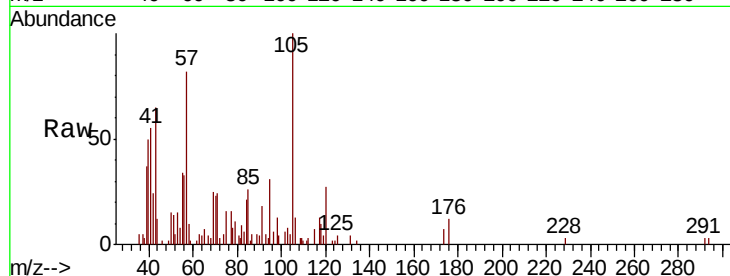
Ion Ratio Lower Upper

105 100

120 82.8 24.7 37.1#

91 0.0 10.2 15.4#

77 0.0 11.0 16.6#

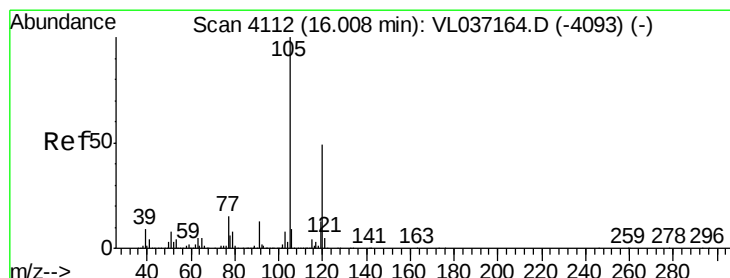
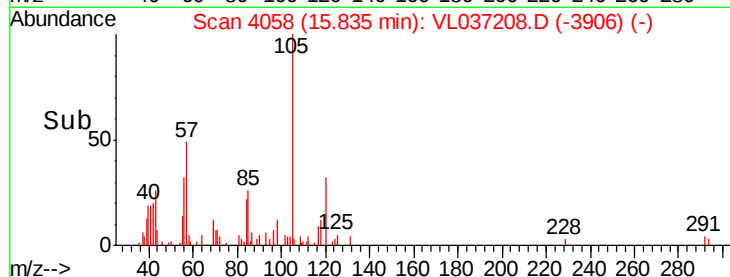
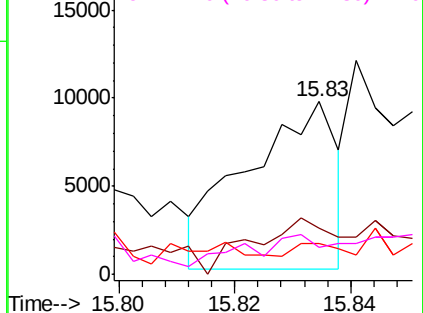


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 0.064 ppbv

RT: 16.00 min Scan# 4110

Delta R.T. -0.01 min

Lab File: VL037208.D

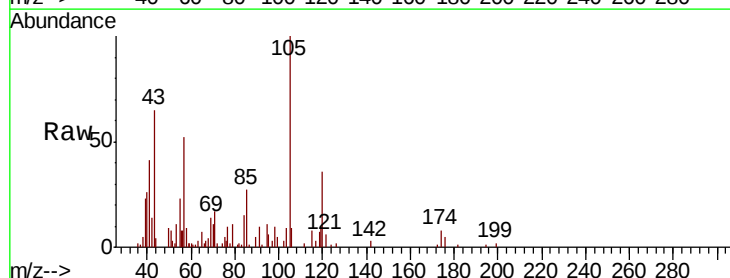
Acq: 17 Jun 2021 19:20

Tgt Ion:105 Resp: 29936

Ion Ratio Lower Upper

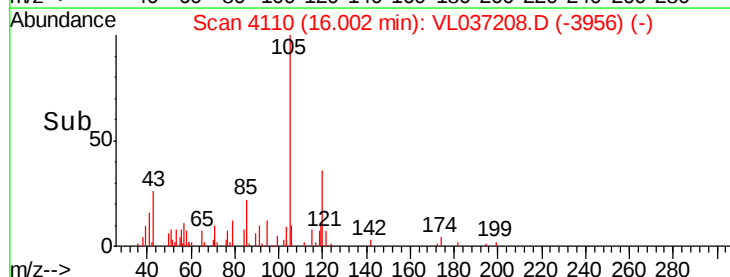
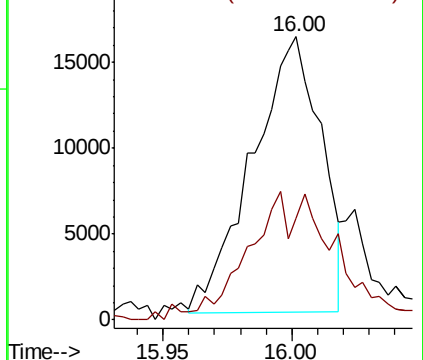
105 100

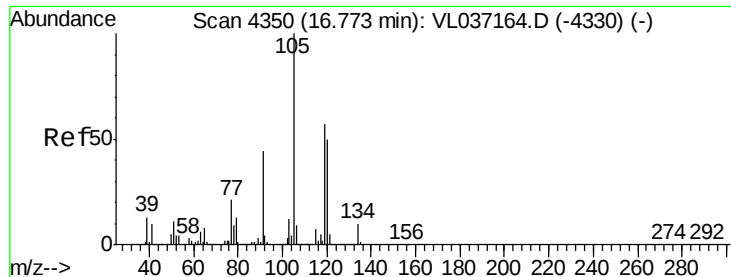
120 33.8 39.4 59.2#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 0.189 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. -0.01 min

Lab File: VL037208.D

Acq: 17 Jun 2021 19:20

Instrument :

MSVOA_L

ClientSampleId :

IA2DUP

Tot Ion:105 Resp: 91034

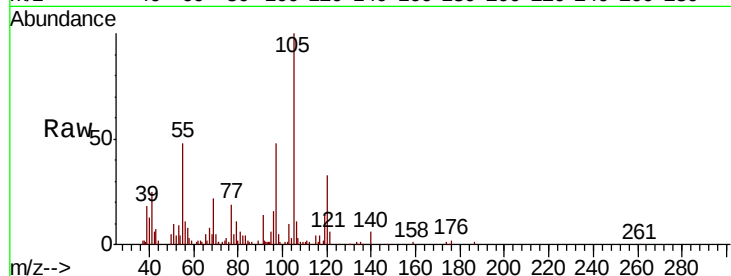
Ion Ratio Lower Upper

105 100

120 32.7 39.8 59.8#

91 12.2 37.0 55.4#

77 16.7 17.0 25.4#

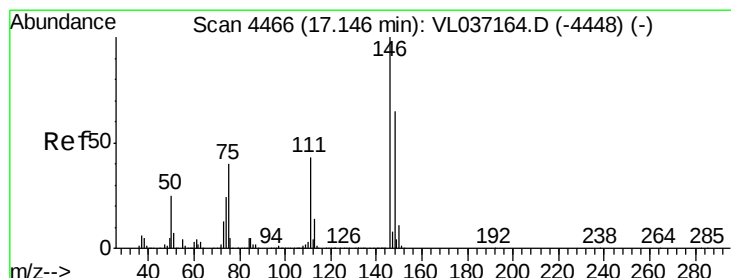
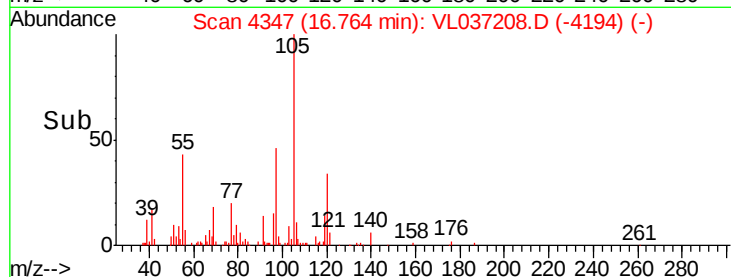
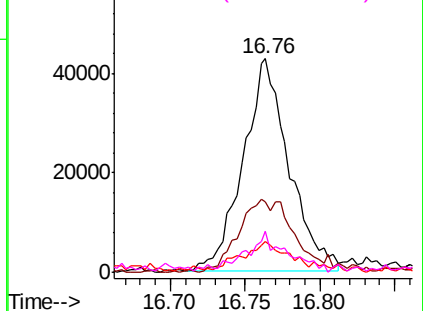


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#76

1,4-Dichlorobenzene

Concen: 0.033 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. -0.01 min

Lab File: VL037208.D

Acq: 17 Jun 2021 19:20

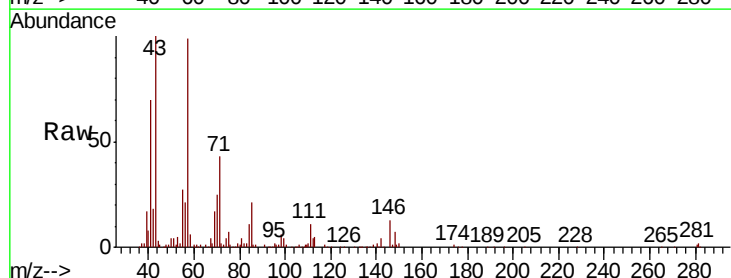
Tgt Ion:146 Resp: 9651

Ion Ratio Lower Upper

146 100

111 276.5 22.7 68.0#

148 193.5 33.7 101.1#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

