

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032921\
 Data File : VL036550.D
 Acq On : 29 Mar 2021 22:20
 Operator : SY/AP
 Sample : M1759-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 30 06:43:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1569395	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3439841	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3344379	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2543285	9.54	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.40%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	37255	0.146	ppbv 92
3) Chlorodifluoromethane	2.98	51	55666	0.190	ppbv 93
4) Chloromethane	3.13	50	52299	0.505	ppbv # 79
9) Propene	3.00	41	17895	0.191	ppbv # 26
11) Trichlorofluoromethane	3.94	101	55699	0.214	ppbv # 73
12) 1,1,2-Trichlorotrifluoroet	4.47	101	13255	0.079	ppbv 100
13) Ethanol	3.62	45	14910140	1339.441	ppbv 96
15) Acetone	3.83	43	3087062	19.985	ppbv 99
16) 1,3-Butadiene	3.31	39	2536	0.024	ppbv # 44
17) tert-Butyl alcohol	4.31	59	65231	0.485	ppbv # 72
19) Isopropyl Alcohol	3.99	45	2918426	34.346	ppbv # 95
20) Methylene Chloride	4.33	84	59139	0.818	ppbv 97
21) Allyl Chloride	4.33	41	16196	0.132	ppbv # 18
23) Vinyl Acetate	5.05	43	306537	1.160	ppbv 98
25) Ethyl Acetate	5.66	43	756201	2.059	ppbv # 90
26) Hexane	5.67	57	118791	0.697	ppbv # 1
27) Carbon Disulfide	4.97	76	827640	4.930	ppbv # 60
28) Methyl tert-Butyl Ether	5.02	73	8688	0.043	ppbv # 52
29) Chloroform	5.74	83	63451	0.233	ppbv 91
34) 2-Butanone	5.23	43	272243	1.621	ppbv 97
35) Carbon Tetrachloride	7.00	117	17820	0.067	ppbv # 69
36) Benzene	6.87	78	88423	0.279	ppbv # 91
38) Trichloroethene	7.82	130	63347	0.513	ppbv 88
39) 1,2-Dichloropropane	7.16	63	950468	7.386	ppbv # 24
40) 1,4-Dioxane	7.82	88	796	0.027	ppbv # 1
41) Tetrahydrofuran	6.03	42	16885	0.218	ppbv # 41
43) Methyl Methacrylate	8.00	69	2331	0.022	ppbv # 1
51) 2-Hexanone	10.11	43	4703	0.038	ppbv # 1
53) Toluene	9.79	91	217420	0.644	ppbv 98
58) Ethyl Benzene	12.69	91	23208	0.048	ppbv 90
59) m/p-Xylene	12.98	91	19426	0.046	ppbv # 32
60) o-Xylene	13.67	91	42190	0.103	ppbv 72
61) Styrene	13.51	104	82406	0.399	ppbv 89
66) Benzyl Chloride	16.96	91	5519	0.104	ppbv # 50
67) sec-Butylbenzene	16.98	105	57586	0.085	ppbv 100
69) p-Isopropyltoluene	17.63	119	23544	0.045	ppbv # 46
74) 1,2,4-Trimethylbenzene	16.74	105	61469	0.137	ppbv # 68
75) 1,3-Dichlorobenzene	16.97	146	19721	0.078	ppbv # 22
76) 1,4-Dichlorobenzene	17.12	146	57499	0.229	ppbv # 18

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

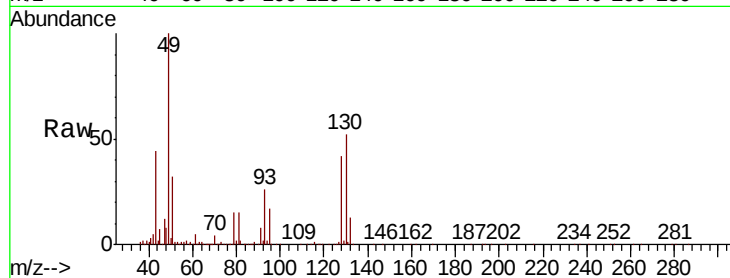
Tot Ion: 49 Resp: 1569395

Ion Ratio Lower Upper

49 100

128 44.6 23.5 70.6

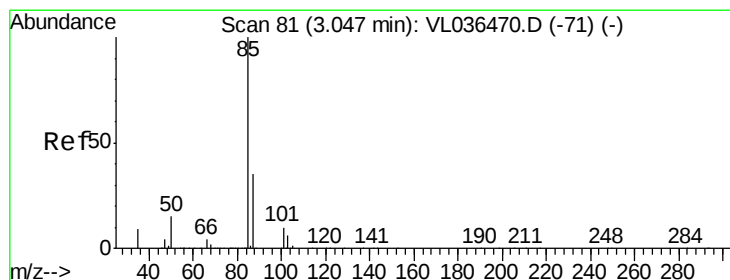
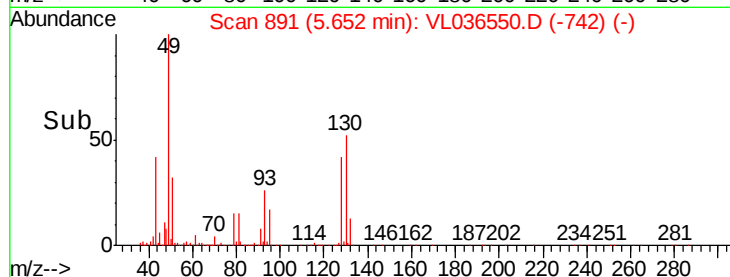
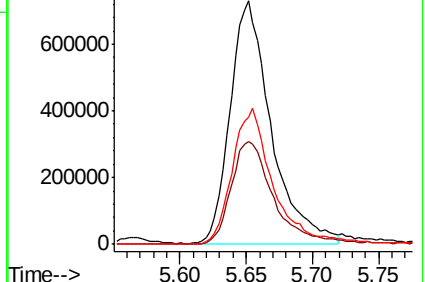
130 56.9 29.1 87.4



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: 0.146 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.01 min

Lab File: VL036550.D

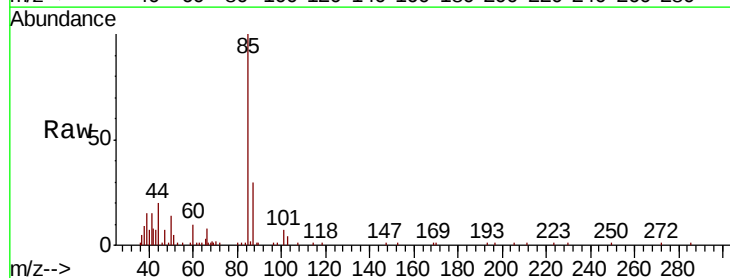
Acq: 29 Mar 2021 22:20

Tgt Ion: 85 Resp: 37255

Ion Ratio Lower Upper

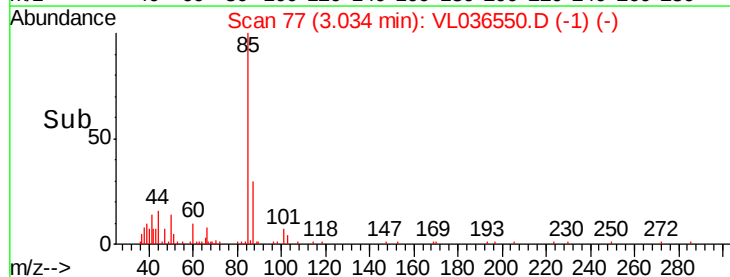
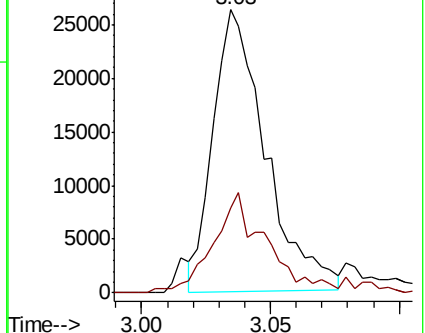
85 100

87 30.0 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.190 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.01 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

Instrument :

MSVOA_L

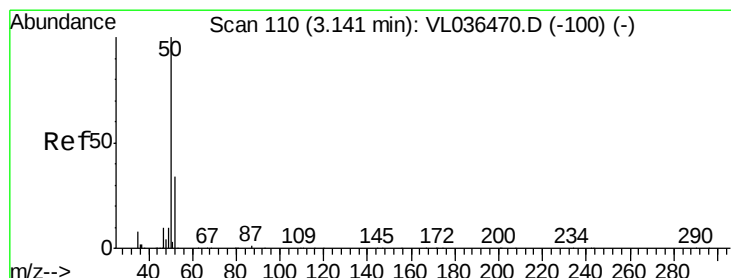
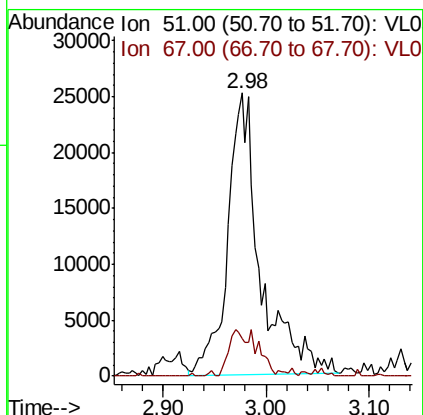
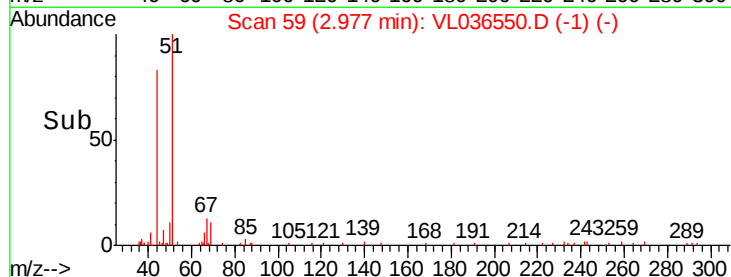
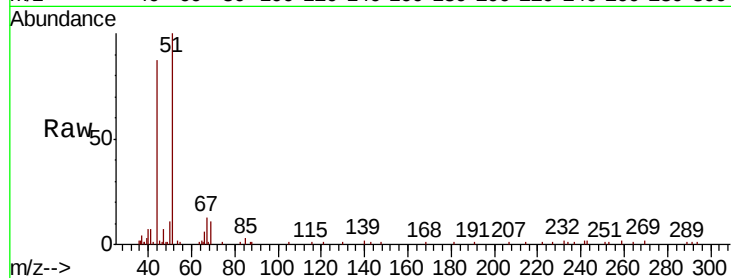
ClientSampled :

Tot Ion: 51 Resp: 55666

Ion Ratio Lower Upper

51 100

67 15.3 14.7 22.1



#4

Chloromethane

Concen: 0.505 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.01 min

Lab File: VL036550.D

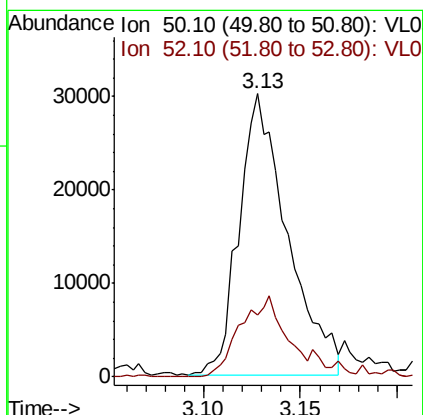
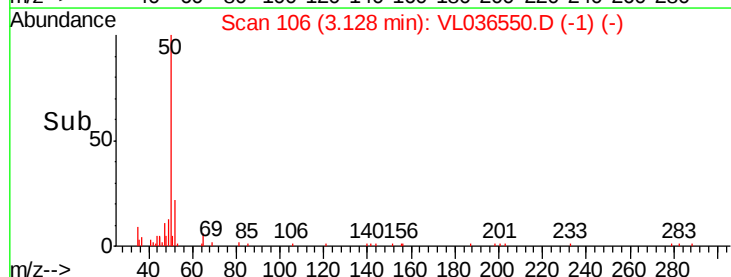
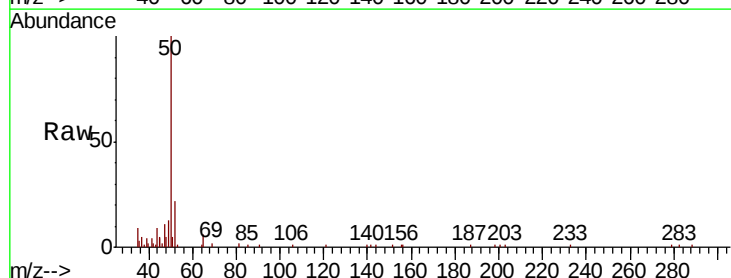
Acq: 29 Mar 2021 22:20

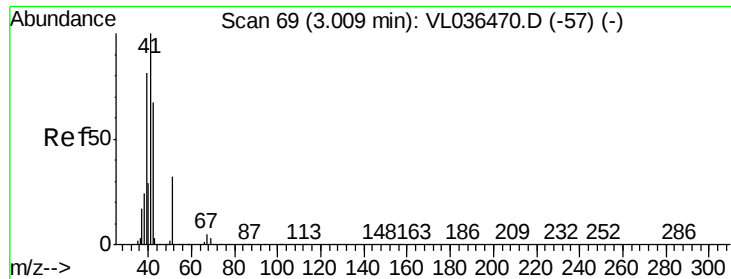
Tgt Ion: 50 Resp: 52299

Ion Ratio Lower Upper

50 100

52 21.9 27.0 40.6#





#9

Propene

Concen: 0.191 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

Instrument :

MSVOA_L

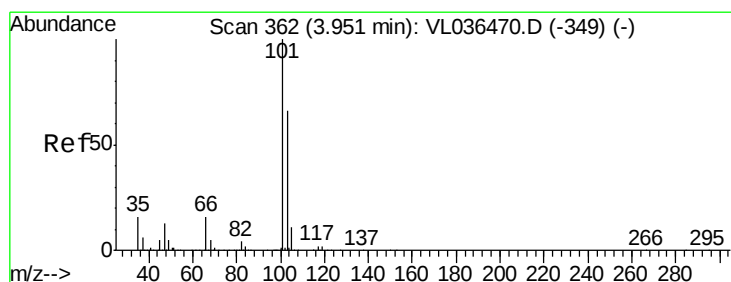
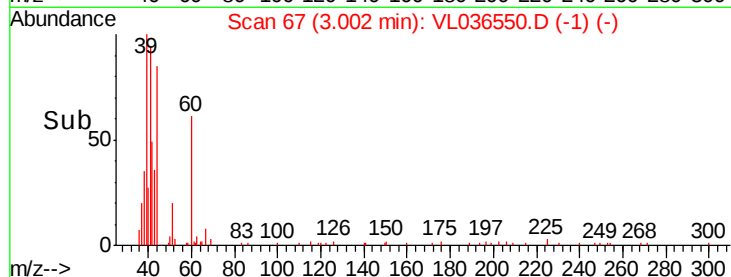
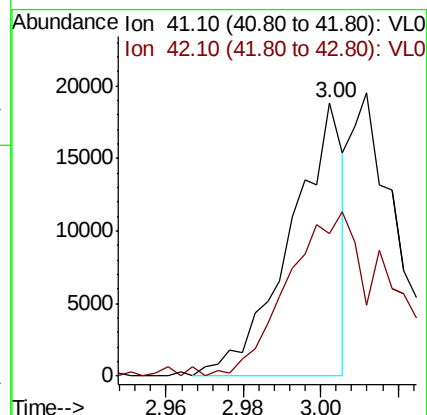
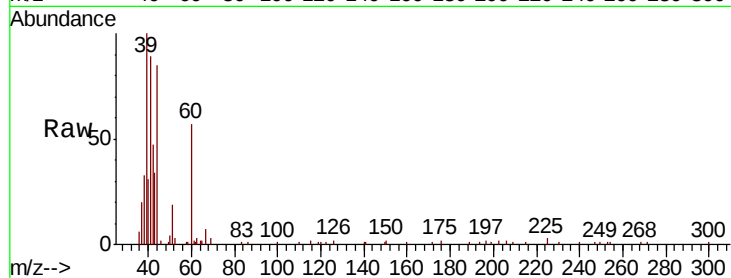
ClientSampleId :

Tot Ion: 41 Resp: 17895

Ion Ratio Lower Upper

41 100

42 132.5 57.0 85.4#



#11

Trichlorofluoromethane

Concen: 0.214 ppbv

RT: 3.94 min Scan# 358

Delta R.T. -0.01 min

Lab File: VL036550.D

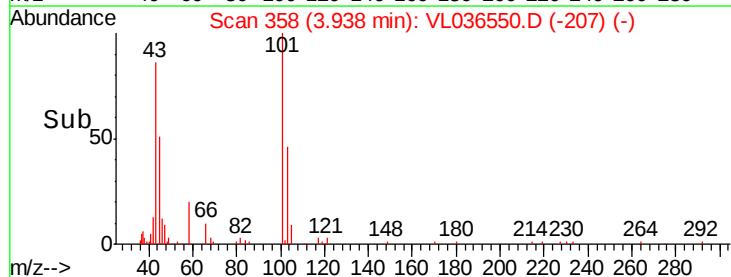
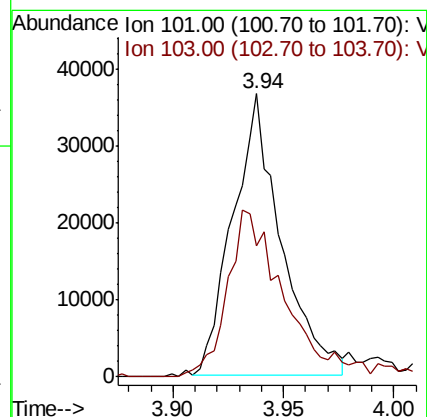
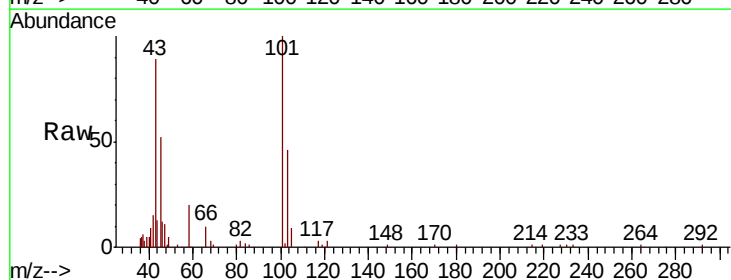
Acq: 29 Mar 2021 22:20

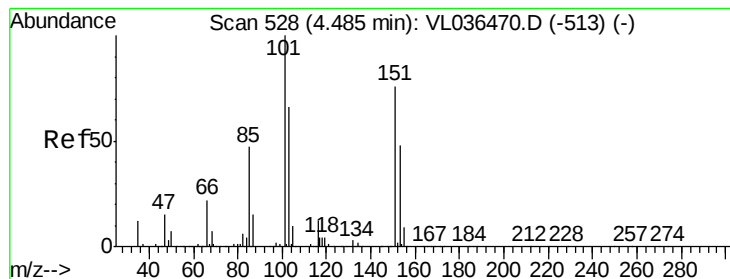
Tgt Ion: 101 Resp: 55699

Ion Ratio Lower Upper

101 100

103 44.0 52.5 78.7#





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.079 ppbv

RT: 4.47 min Scan# 524

Delta R.T. -0.01 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

Instrument :

MSVOA_L

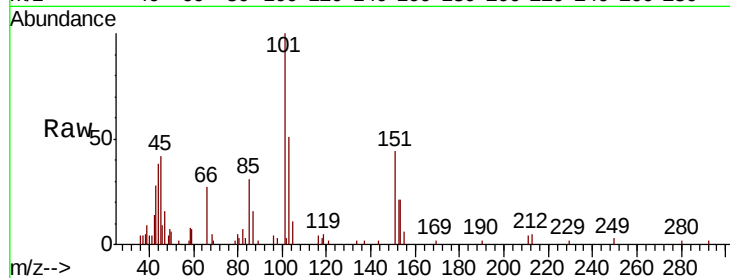
ClientSampleId :

Tot Ion:101 Resp: 13255

Ion Ratio Lower Upper

101 100

151 76.1 60.9 91.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

4.47

10000

8000

6000

4000

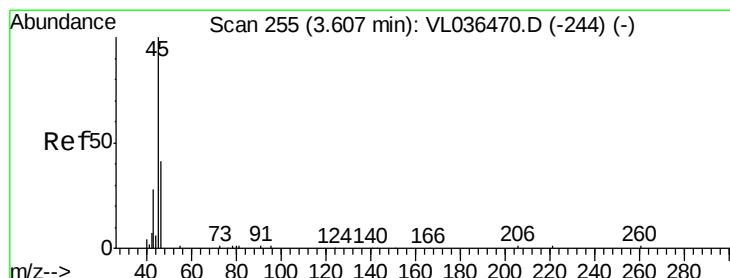
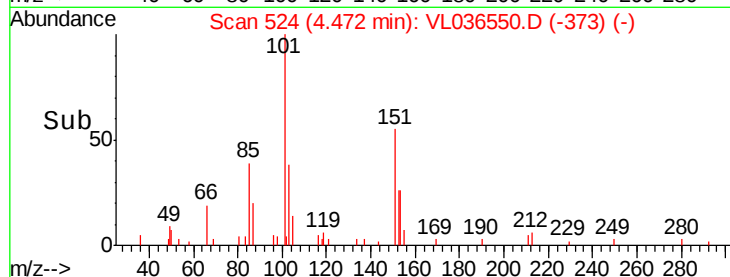
2000

0

Time-->

4.45

4.50



#13

Ethanol

Concen: 1339.441 ppbv

RT: 3.62 min Scan# 259

Delta R.T. 0.01 min

Lab File: VL036550.D

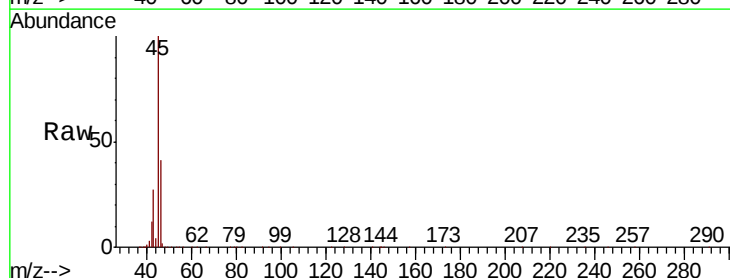
Acq: 29 Mar 2021 22:20

Tgt Ion: 45 Resp:14910140

Ion Ratio Lower Upper

45 100

46 39.0 16.6 66.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

3.62

4000000

3000000

2000000

1000000

0

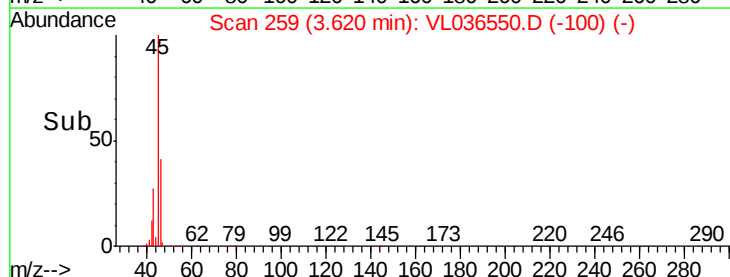
Time-->

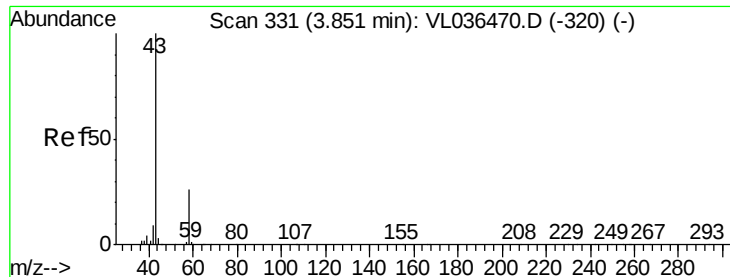
3.50

3.60

3.70

3.80





#15

Acetone

Concen: 19.985 ppbv

RT: 3.83 min Scan# 325

Delta R.T. -0.02 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

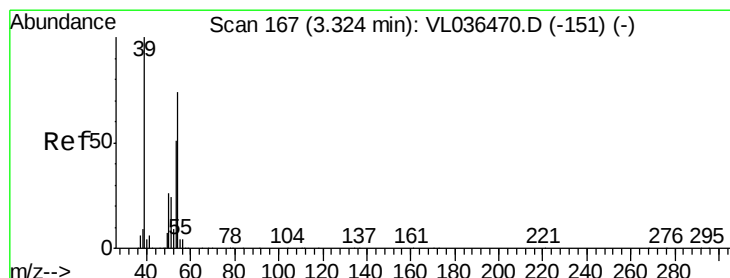
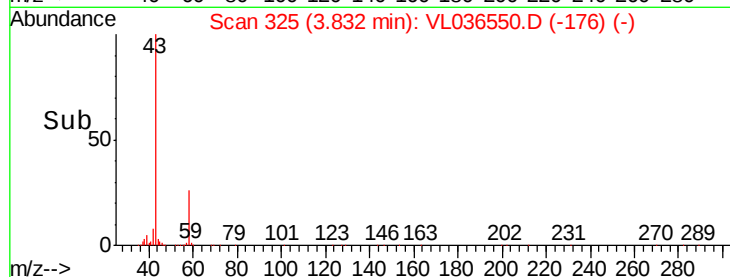
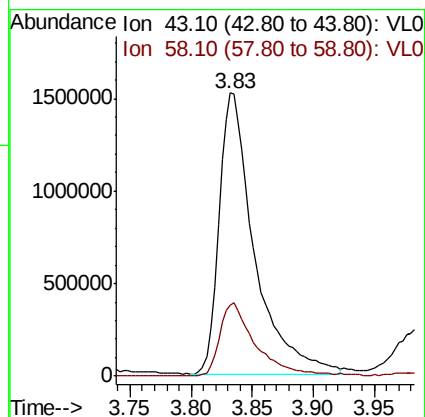
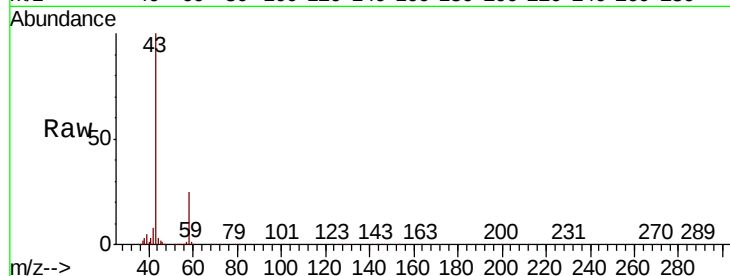
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 3087062

Ion Ratio Lower Upper

43 100

58 27.0 21.2 31.8



#16

1,3-Butadiene

Concen: 0.024 ppbv

RT: 3.31 min Scan# 163

Delta R.T. -0.01 min

Lab File: VL036550.D

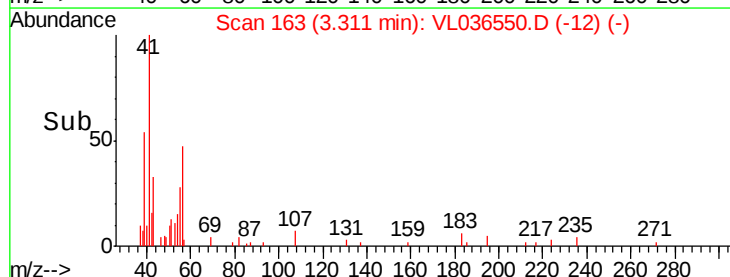
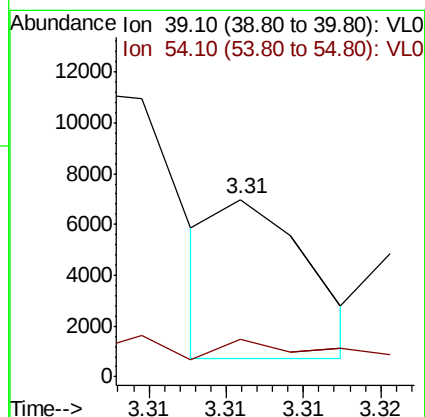
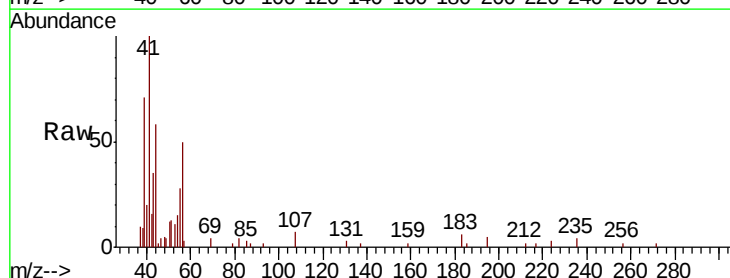
Acq: 29 Mar 2021 22:20

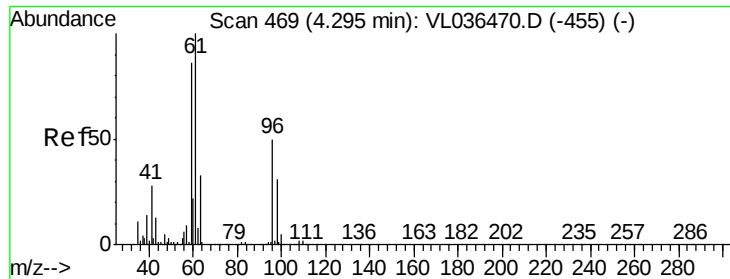
Tgt Ion: 39 Resp: 2536

Ion Ratio Lower Upper

39 100

54 120.6 58.8 88.2#



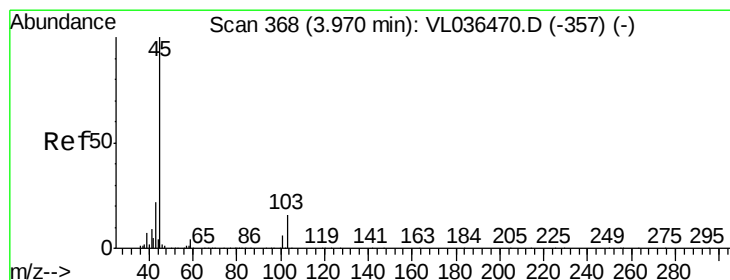
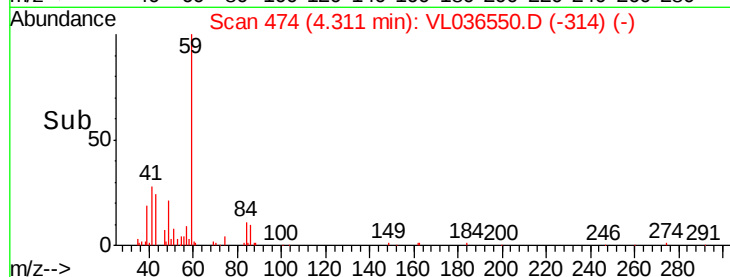
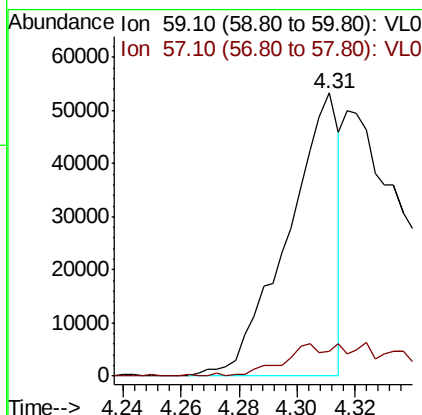
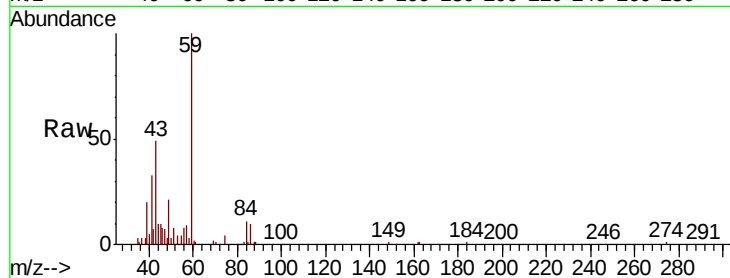


#17

tert-Butyl alcohol
Concen: 0.485 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.02 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

Instrument :
MSVOA_L
ClientSampleId :

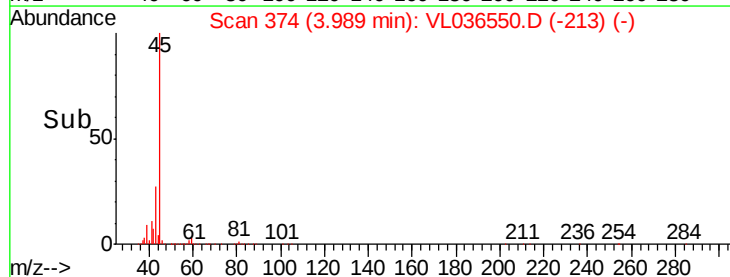
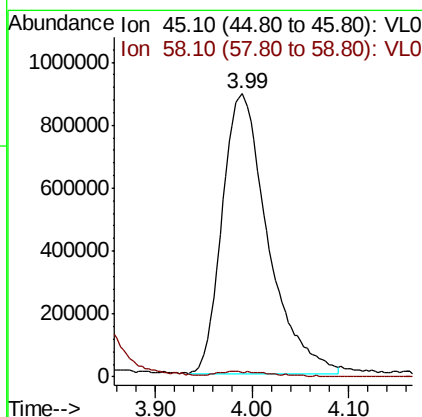
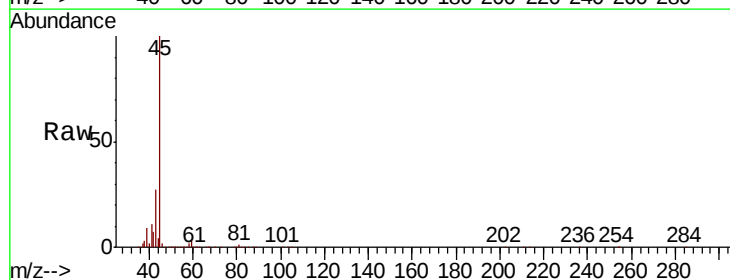
Tot Ion: 59 Resp: 65231
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

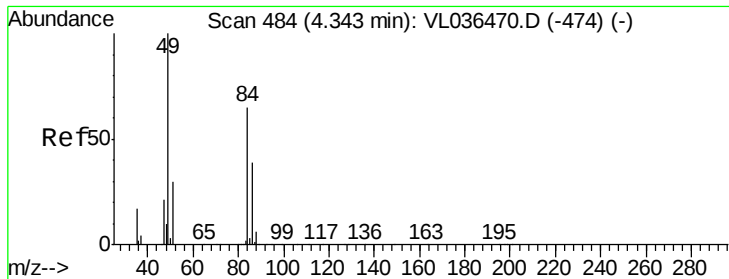


#19

Isopropyl Alcohol
Concen: 34.346 ppbv
RT: 3.99 min Scan# 374
Delta R.T. 0.02 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

Tgt Ion: 45 Resp: 2918426
Ion Ratio Lower Upper
45 100
58 2.1 2.9 4.3#

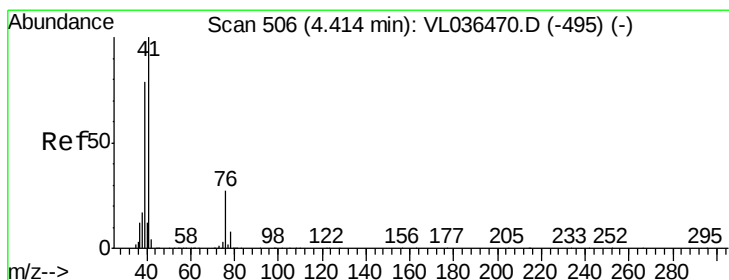
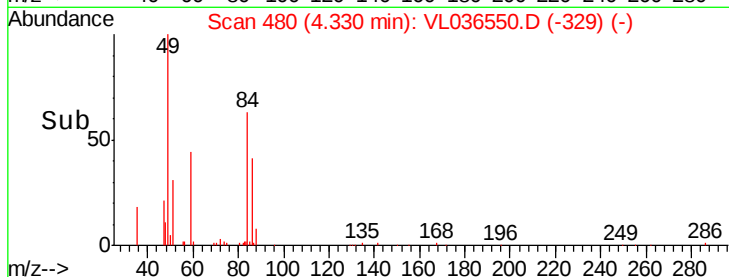
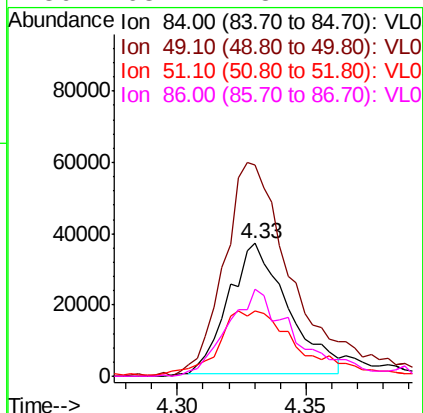
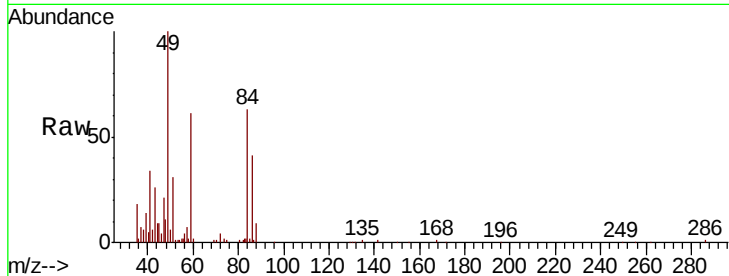




#20
Methylene Chloride
Concen: 0.818 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

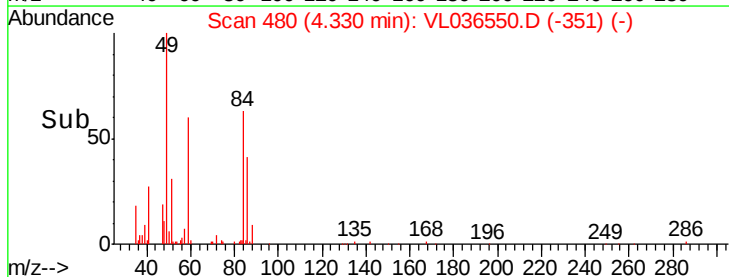
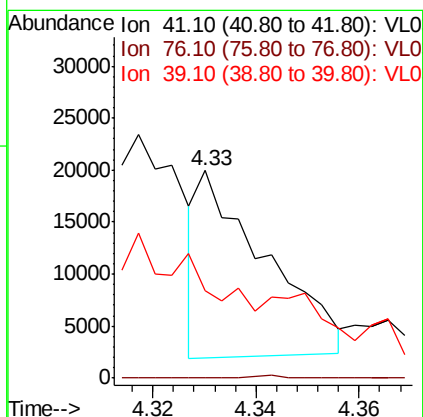
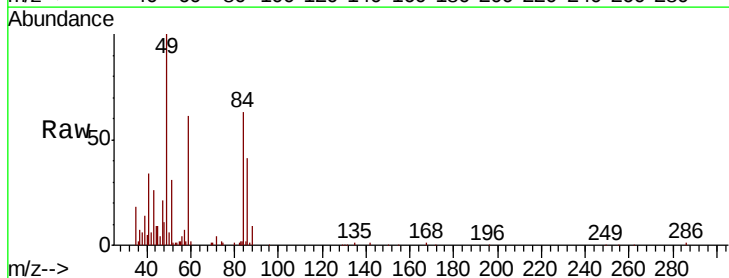
Instrument :
MSVOA_L
ClientSampleId :

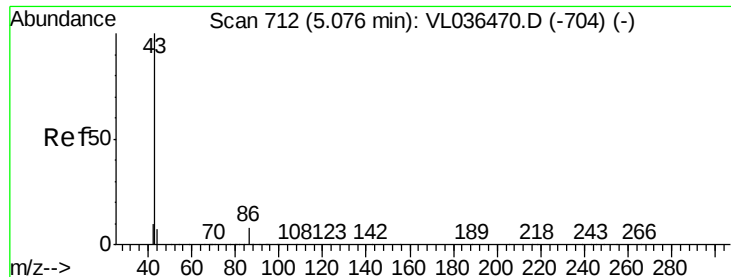
Tot Ion:	84	Resp:	59139
Ion	Ratio	Lower	Upper
84	100		
49	149.8	122.9	184.3
51	44.0	36.9	55.3
86	63.4	48.2	72.4



#21
Allyl Chloride
Concen: 0.132 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.08 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

Tgt Ion:	41	Resp:	16196
Ion	Ratio	Lower	Upper
41	100		
76	2.1	22.9	34.3#
39	0.0	67.3	100.9#

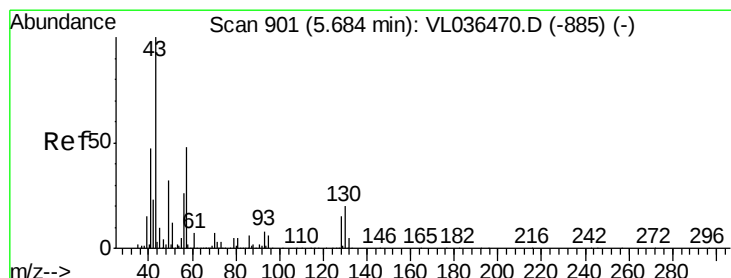
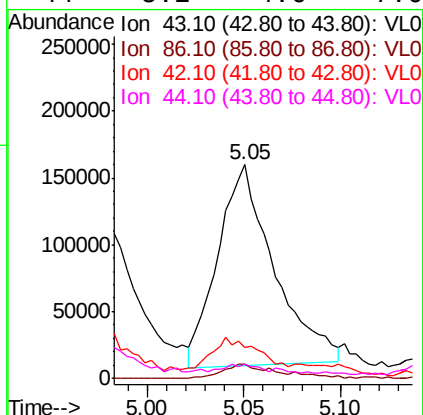
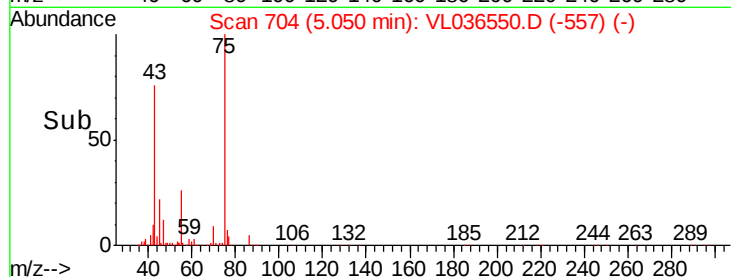
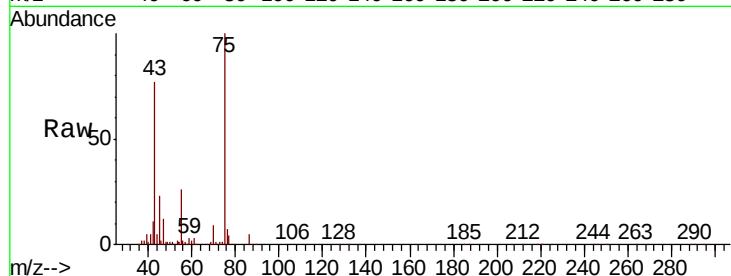




#23
 Vinyl Acetate
 Concen: 1.160 ppbv
 RT: 5.05 min Scan# 704
 Delta R.T. -0.03 min
 Lab File: VL036550.D
 Acq: 29 Mar 2021 22:20

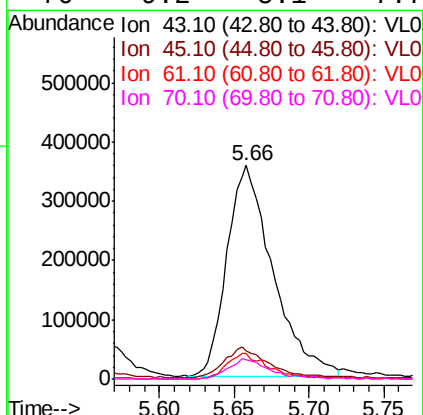
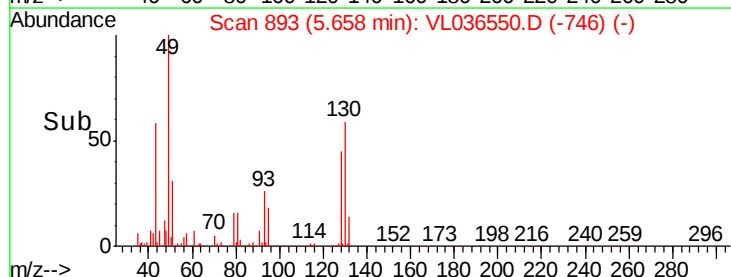
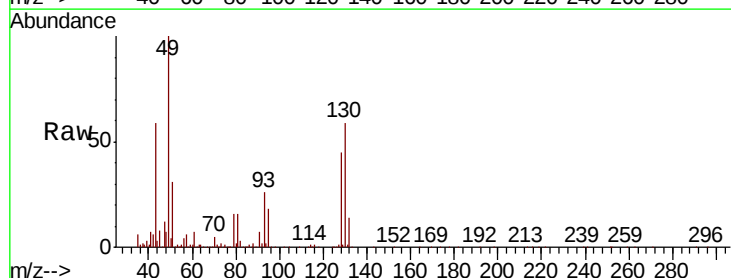
Instrument :
 MSVOA_L
 ClientSampled :

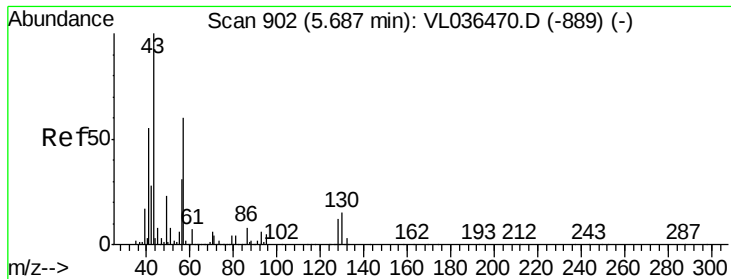
Tot Ion:	43	Resp:	306537
Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.4	8.0
42	11.1	8.5	12.7
44	5.2	4.6	7.0



#25
 Ethyl Acetate
 Concen: 2.059 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. -0.03 min
 Lab File: VL036550.D
 Acq: 29 Mar 2021 22:20

Tgt Ion:	43	Resp:	756201
Ion	Ratio	Lower	Upper
43	100		
45	15.1	7.9	11.9#
61	11.7	7.4	11.2#
70	9.2	5.1	7.7#





#26

Hexane

Concen: 0.697 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.02 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 57 Resp: 118791

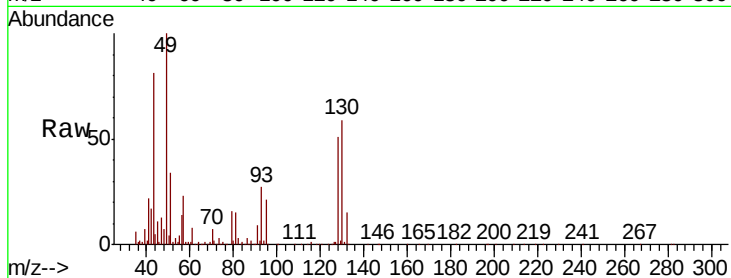
Ion Ratio Lower Upper

57 100

41 113.3 77.2 115.8

43 674.7 173.8 260.6#

56 63.0 43.8 65.6

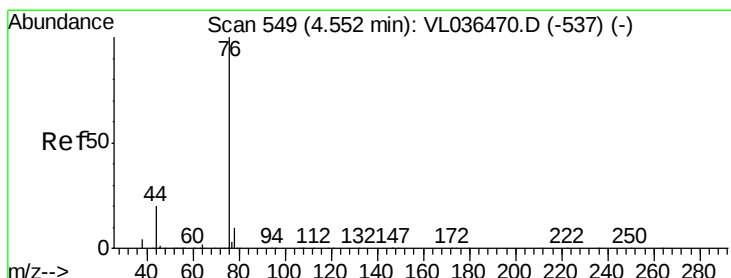
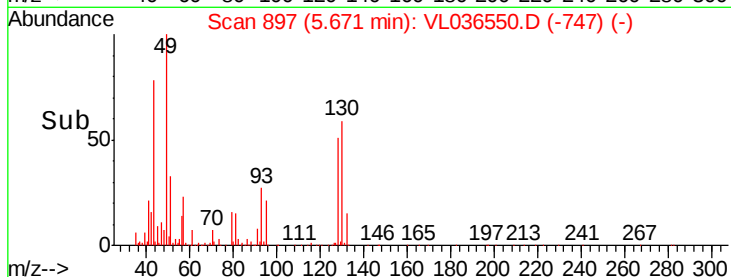
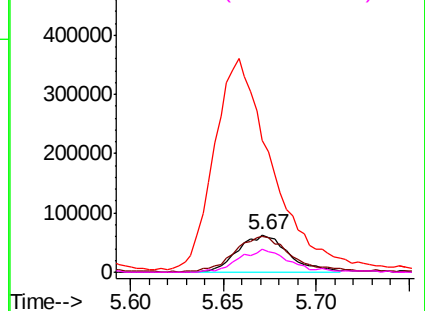


Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 4.930 ppbv

RT: 4.97 min Scan# 678

Delta R.T. 0.41 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

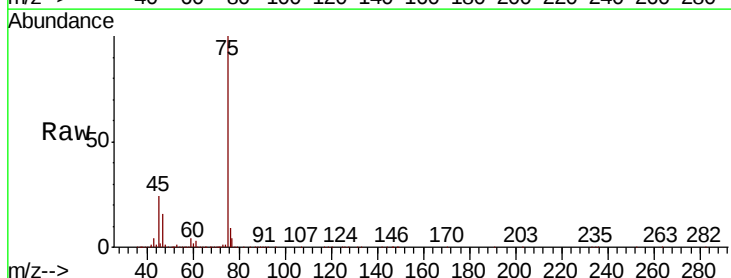
Tgt Ion: 76 Resp: 827640

Ion Ratio Lower Upper

76 100

44 0.4 17.5 26.3#

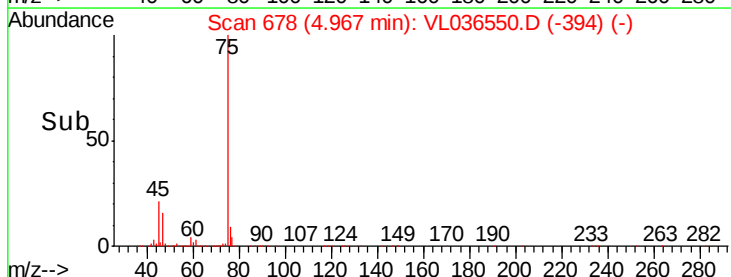
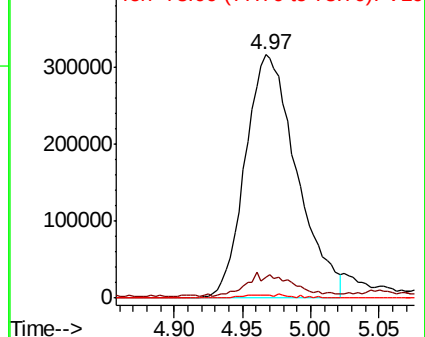
78 0.0 8.6 13.0#

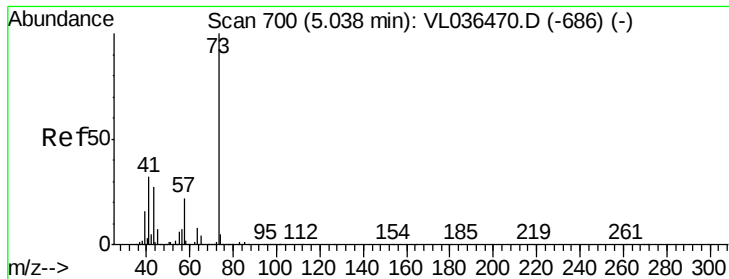


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



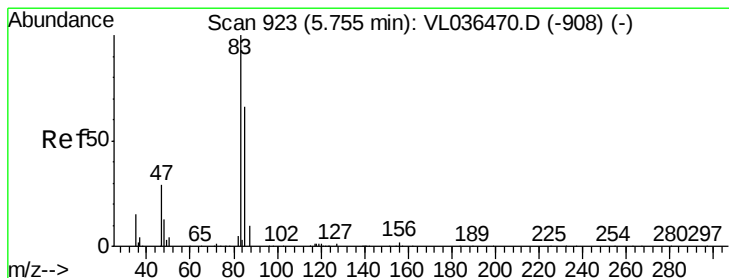
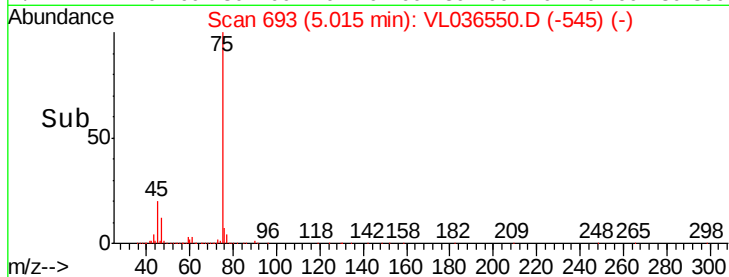
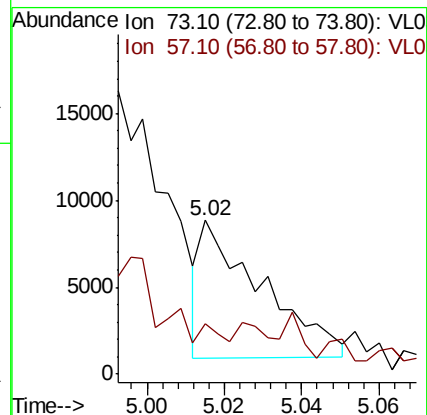
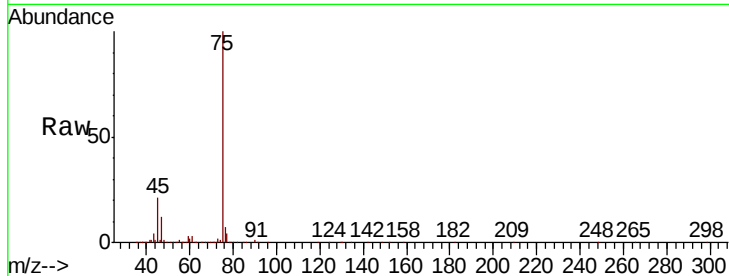


#28

Methvl tert-Butvl Ether
 Concen: 0.043 ppbv
 RT: 5.02 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: VL036550.D
 Acq: 29 Mar 2021 22:20

Instrument :
 MSVOA_L
 ClientSampleId :

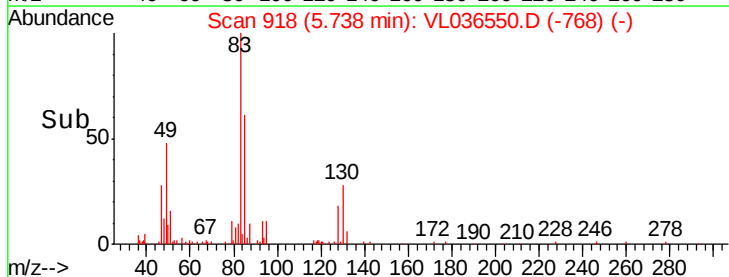
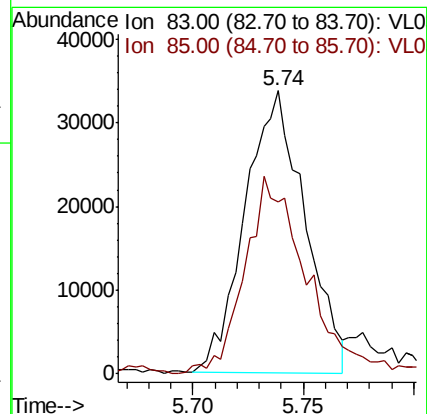
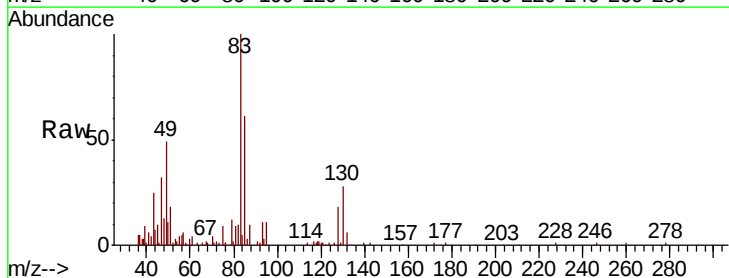
Tot Ion: 73 Resp: 8688
 Ion Ratio Lower Upper
 73 100
 57 0.0 18.5 27.7#

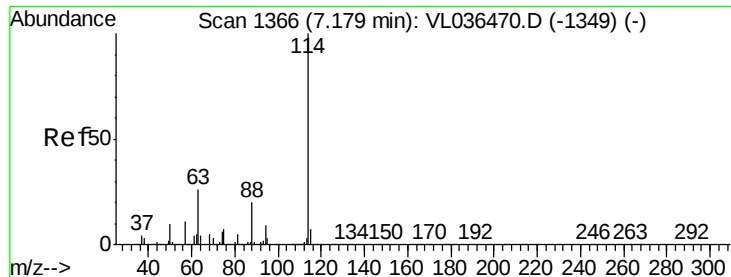


#29

Chloroform
 Concen: 0.233 ppbv
 RT: 5.74 min Scan# 918
 Delta R.T. -0.02 min
 Lab File: VL036550.D
 Acq: 29 Mar 2021 22:20

Tgt Ion: 83 Resp: 63451
 Ion Ratio Lower Upper
 83 100
 85 58.2 52.6 78.8

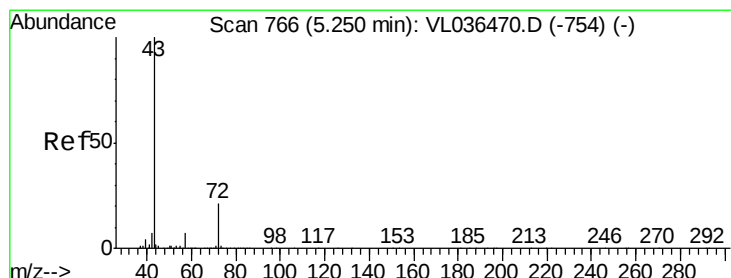
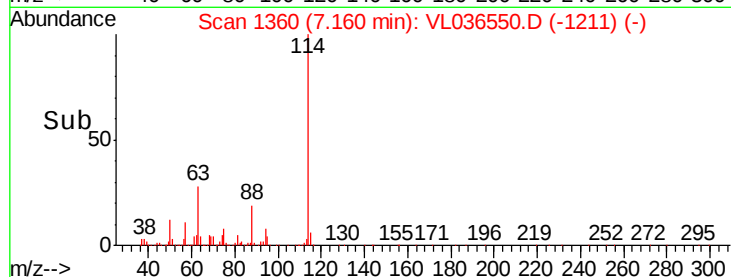
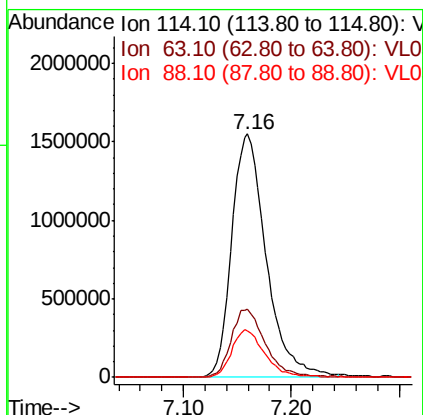
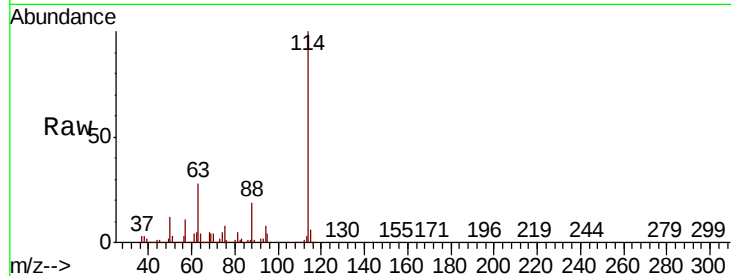




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: VL036550.D
 Acq: 29 Mar 2021 22:20

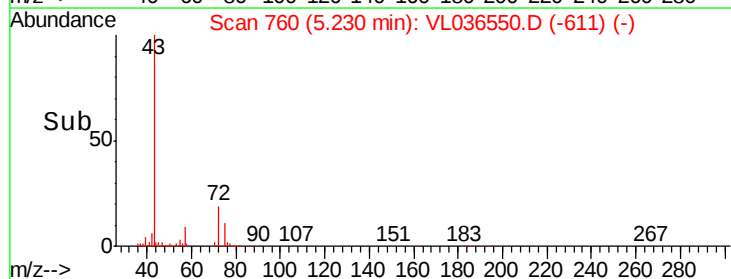
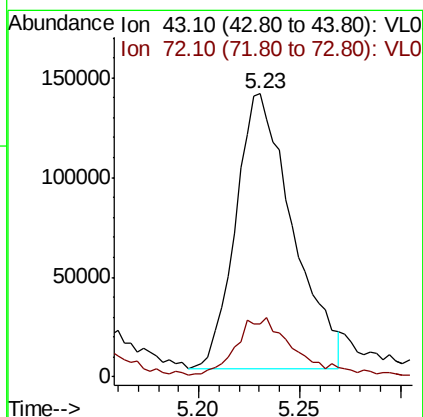
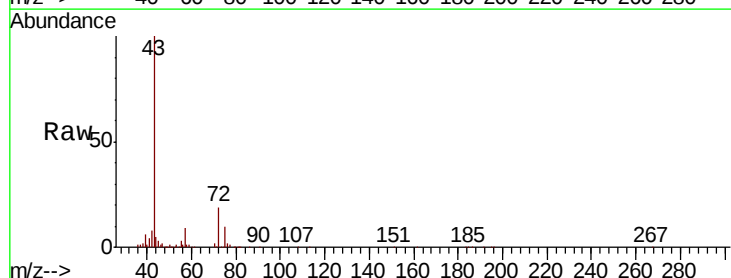
Instrument :
 MSVOA_L
 ClientSampleId :

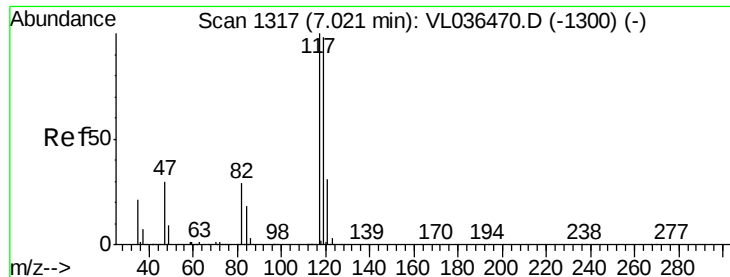
Tot Ion:114 Resp: 3439841
 Ion Ratio Lower Upper
 114 100
 63 28.1 22.4 33.6
 88 19.0 15.4 23.0



#34
 2-Butanone
 Concen: 1.621 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: VL036550.D
 Acq: 29 Mar 2021 22:20

Tgt Ion: 43 Resp: 272243
 Ion Ratio Lower Upper
 43 100
 72 22.9 17.0 25.6





#35

Carbon Tetrachloride

Concen: 0.067 ppbv

RT: 7.00 min Scan# 1311

Delta R.T. -0.02 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

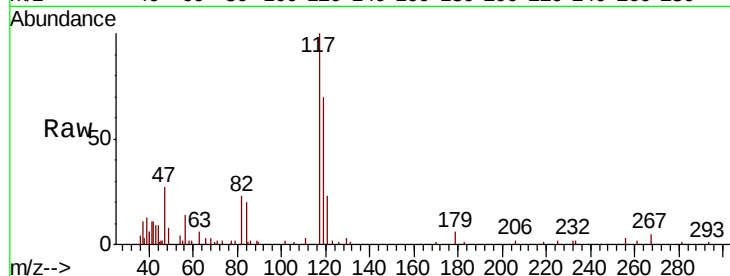
Tot Ion:117 Resp: 17820

Ion Ratio Lower Upper

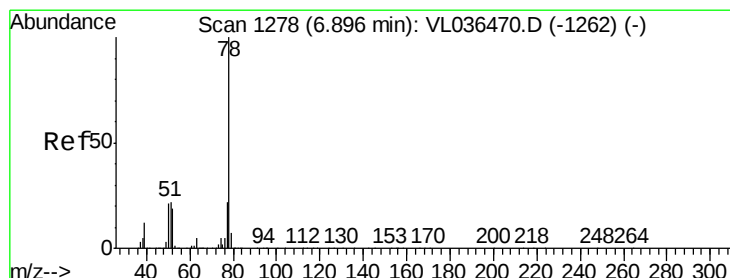
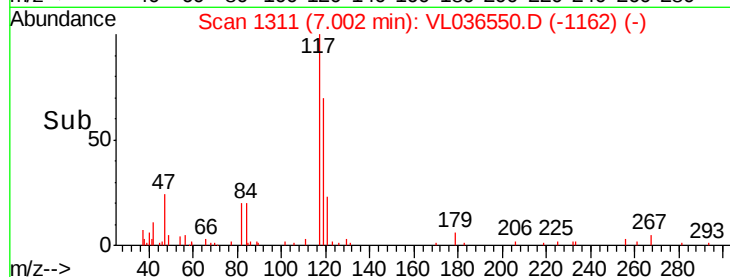
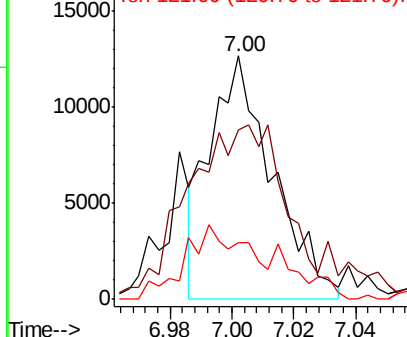
117 100

119 62.9 78.2 117.2#

121 21.6 24.5 36.7#



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: 0.279 ppbv

RT: 6.87 min Scan# 1271

Delta R.T. -0.02 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

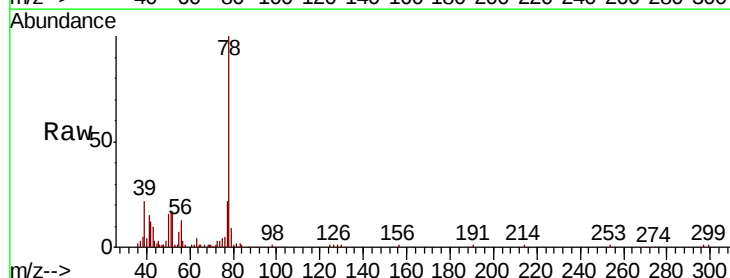
Tgt Ion: 78 Resp: 88423

Ion Ratio Lower Upper

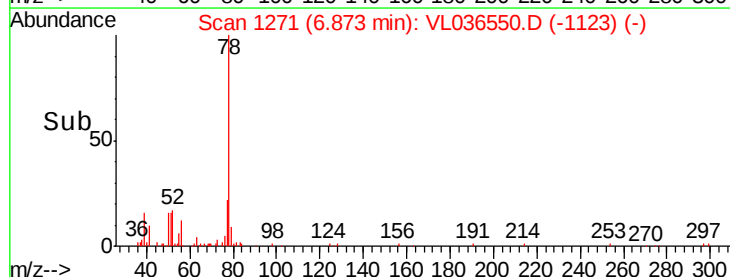
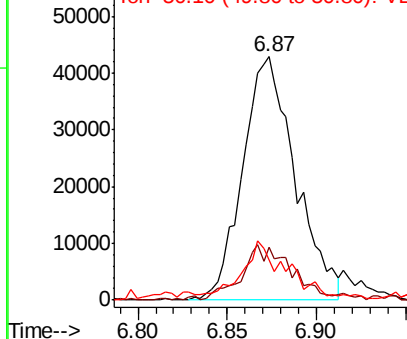
78 100

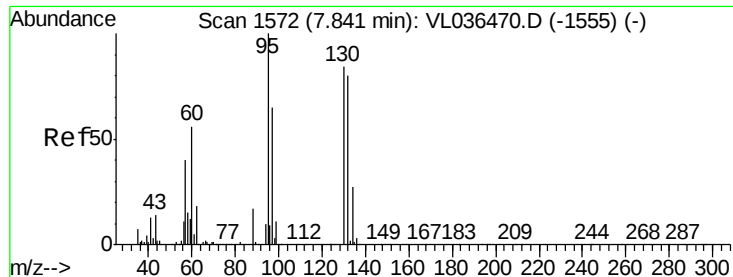
77 20.1 18.0 27.0

50 14.7 16.5 24.7#



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





#38

Trichloroethene

Concen: 0.513 ppbv

RT: 7.82 min Scan# 1566

Delta R.T. -0.02 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:130 Resp: 63347

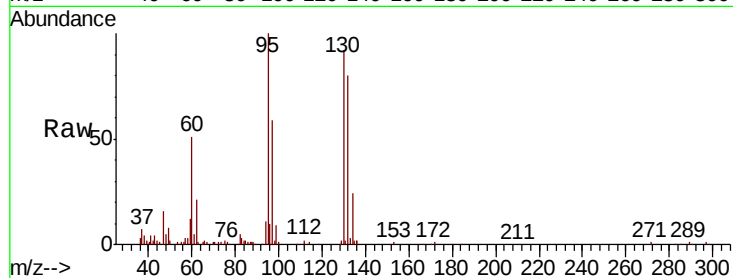
Ion Ratio Lower Upper

130 100

95 107.8 95.7 143.5

132 86.9 76.2 114.4

97 62.9 61.8 92.6

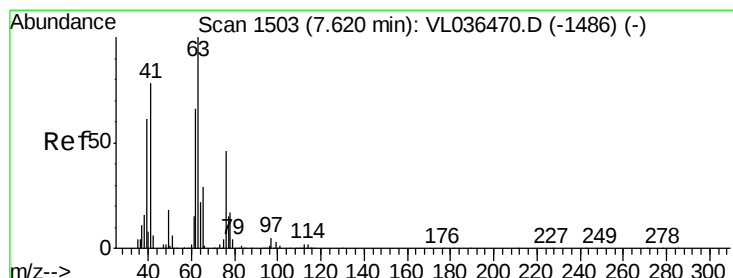
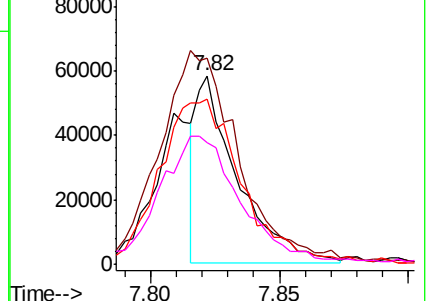
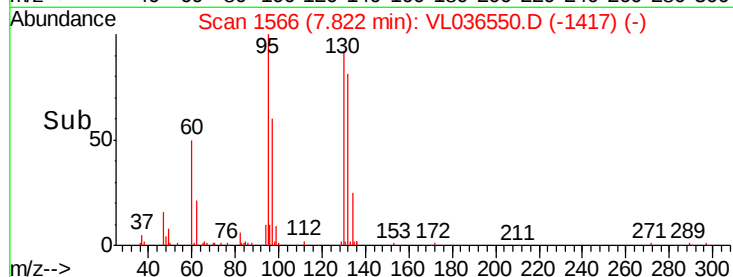


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 7.386 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.46 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

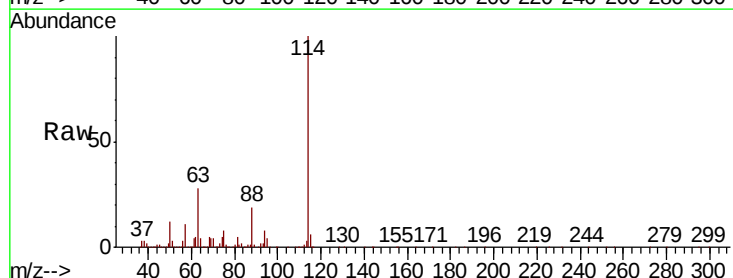
Tgt Ion: 63 Resp: 950468

Ion Ratio Lower Upper

63 100

41 0.0 62.4 93.6#

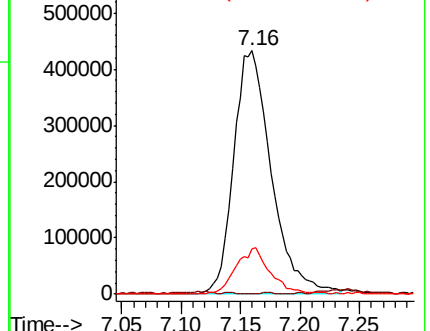
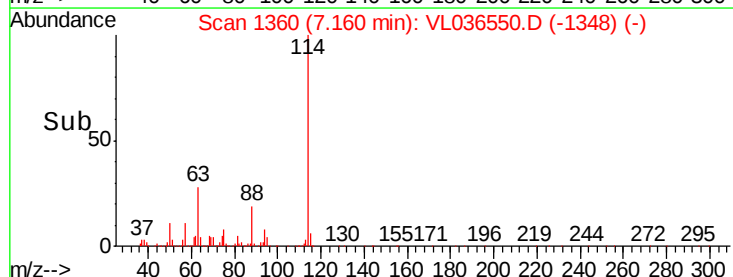
62 18.3 52.8 79.2#

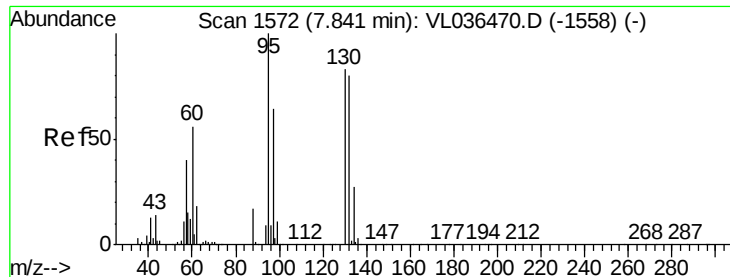


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

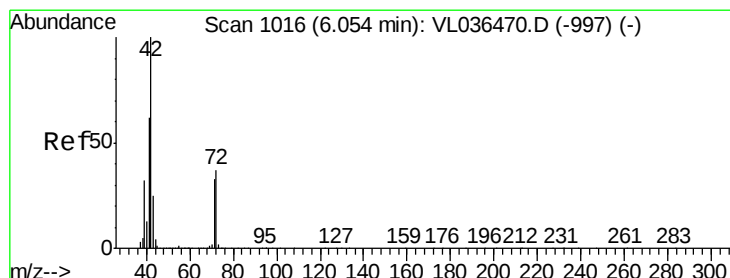
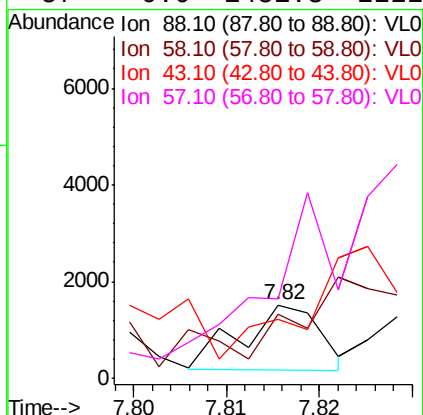
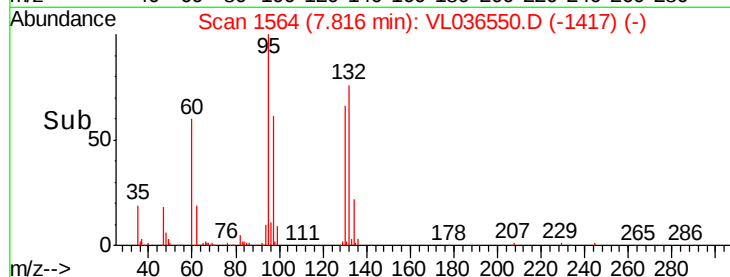
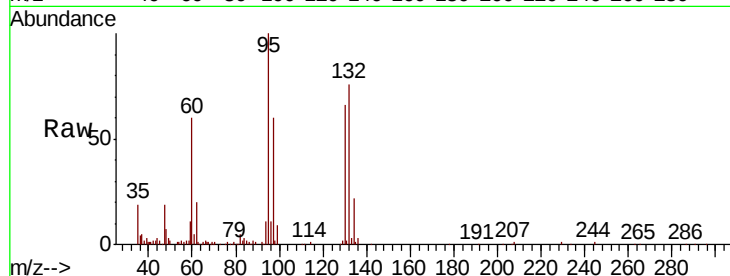




#40
1,4-Dioxane
Concen: 0.027 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.03 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

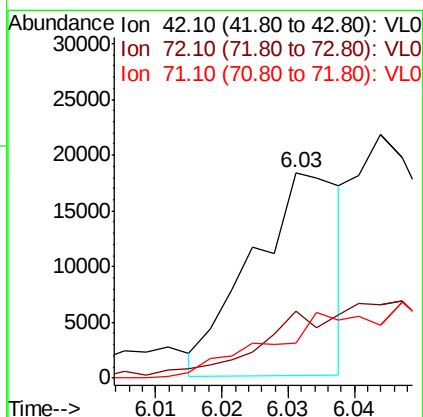
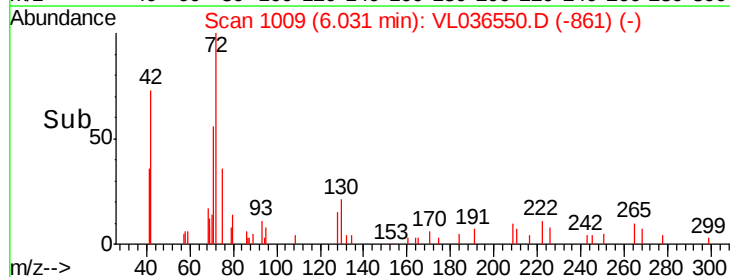
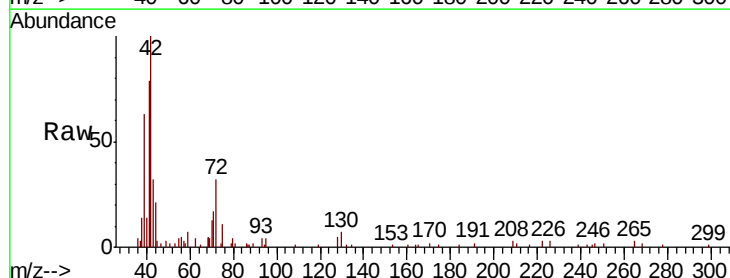
Instrument :
MSVOA_L
ClientSampleId :

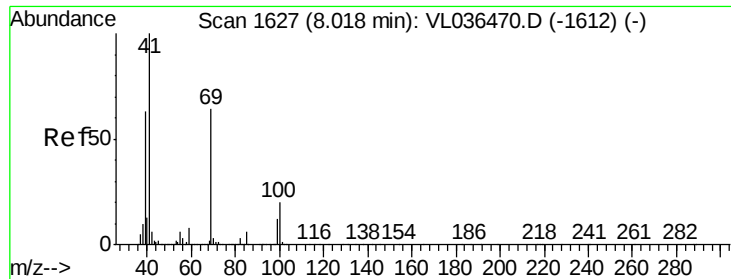
Tot Ion: 88 Resp: 796
Ion Ratio Lower Upper
88 100
58 0.0 134.1 201.1#
43 0.0 346.6 520.0#
57 0.0 1481.8 2222.8#



#41
Tetrahydrofuran
Concen: 0.218 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.02 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

Tgt Ion: 42 Resp: 16885
Ion Ratio Lower Upper
42 100
72 0.0 27.6 41.4#
71 0.0 27.0 40.4#

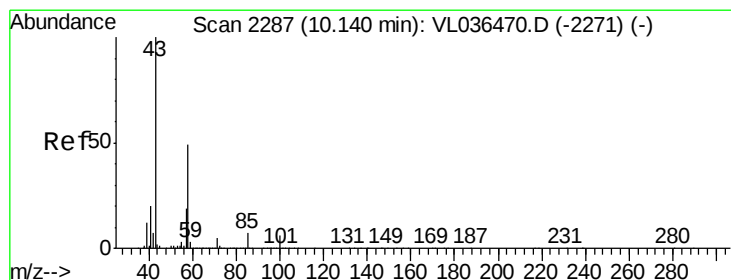
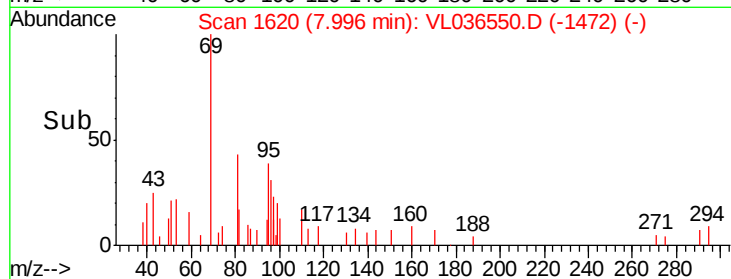
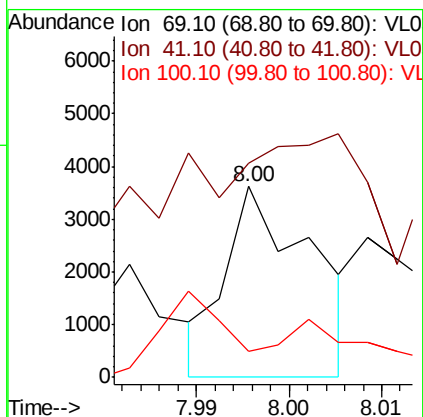
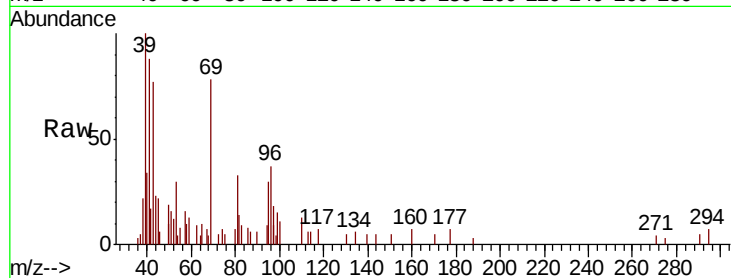




#43
Methvl Methacrylate
Concen: 0.022 ppbv
RT: 8.00 min Scan# 1620
Delta R.T. -0.02 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

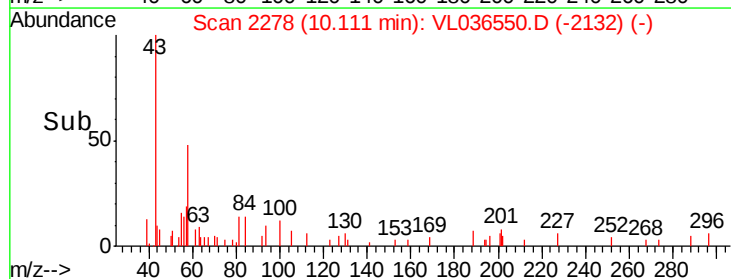
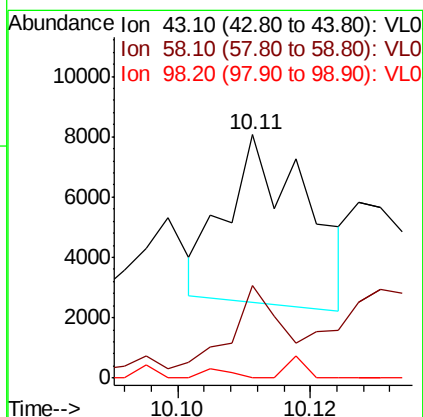
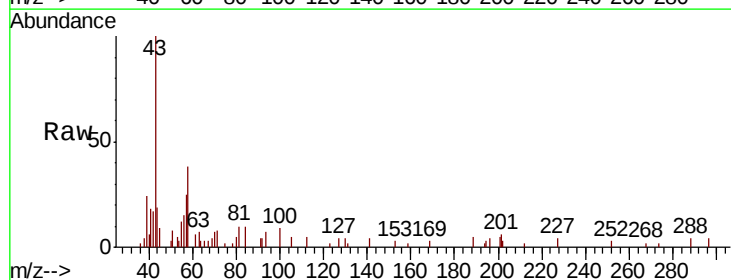
Instrument :
MSVOA_L
ClientSampled :

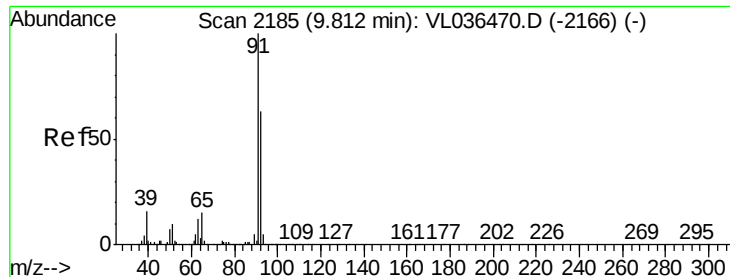
Tot Ion: 69 Resp: 2331
Ion Ratio Lower Upper
69 100
41 0.0 126.8 190.2#
100 78.7 24.9 37.3#



#51
2-Hexanone
Concen: 0.038 ppbv
RT: 10.11 min Scan# 2278
Delta R.T. -0.03 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

Tgt Ion: 43 Resp: 4703
Ion Ratio Lower Upper
43 100
58 160.2 37.7 56.5#
98 6.8 0.2 0.2#





#53

Toluene

Concen: 0.644 ppbv

RT: 9.79 min Scan# 2177

Delta R.T. -0.03 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

Instrument :

MSVOA_L

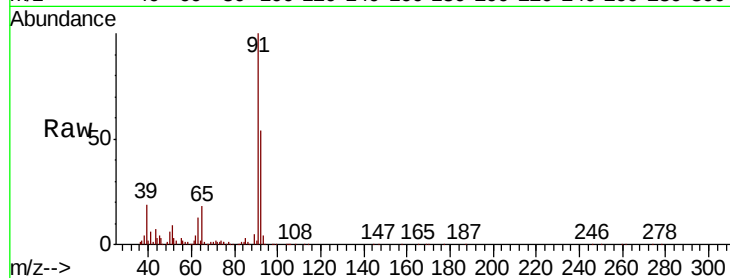
ClientSampleId :

Tot Ion: 91 Resp: 217420

Ion Ratio Lower Upper

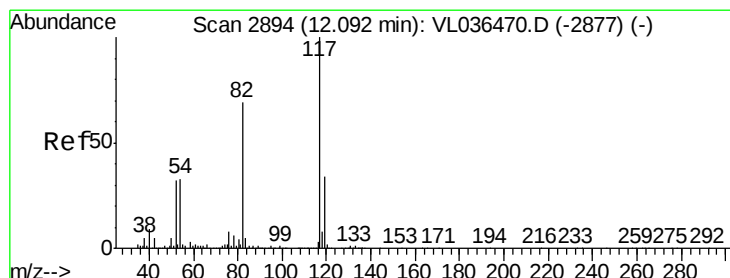
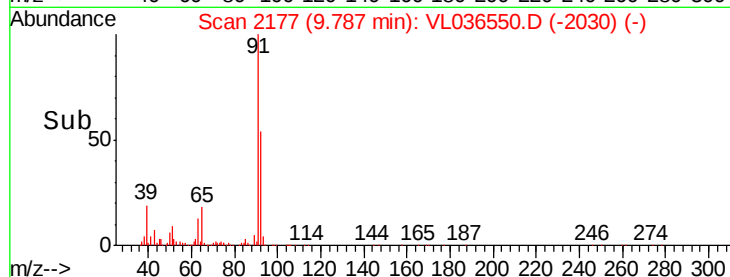
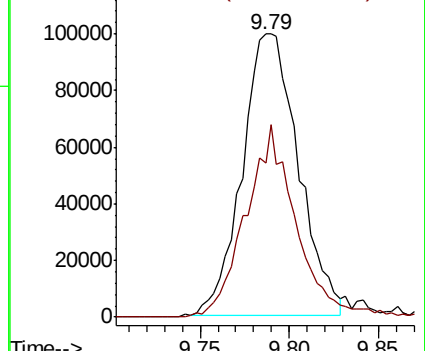
91 100

92 62.2 48.8 73.2



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: 12.07 min Scan# 2886

Delta R.T. -0.03 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

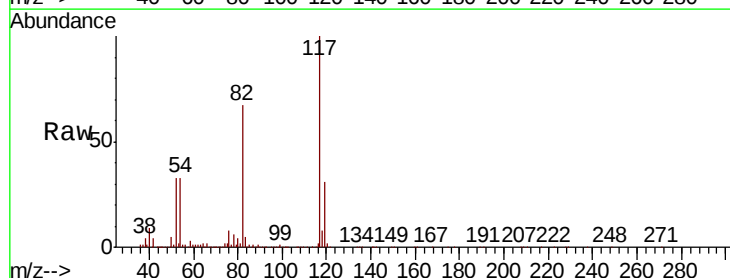
Tgt Ion: 117 Resp: 3344379

Ion Ratio Lower Upper

117 100

82 69.7 57.4 86.0

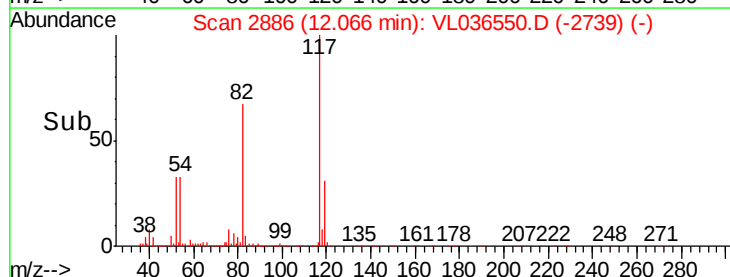
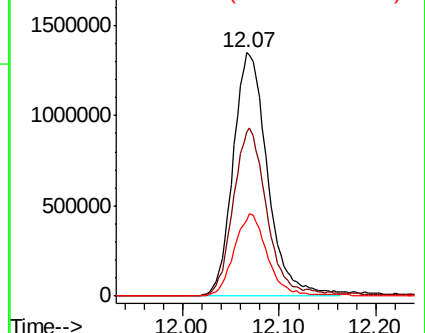
119 33.4 47.4 71.0#

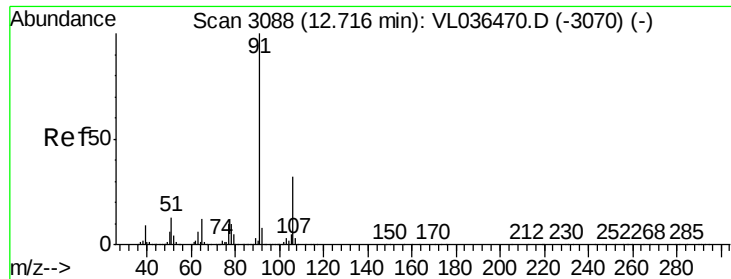


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#58

Ethyl Benzene

Concen: 0.048 ppbv

RT: 12.69 min Scan# 3079

Delta R.T. -0.03 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

Instrument :

MSVOA_L

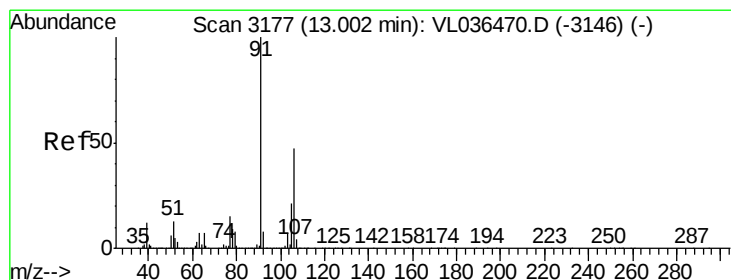
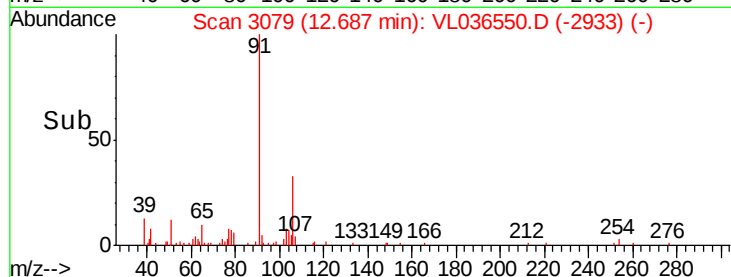
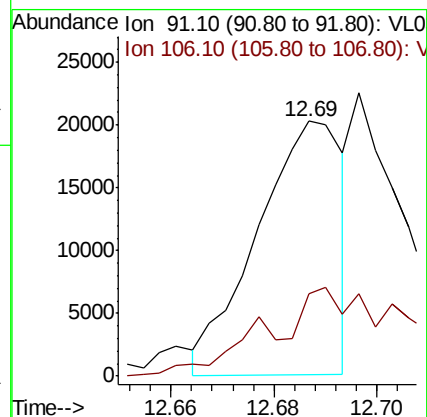
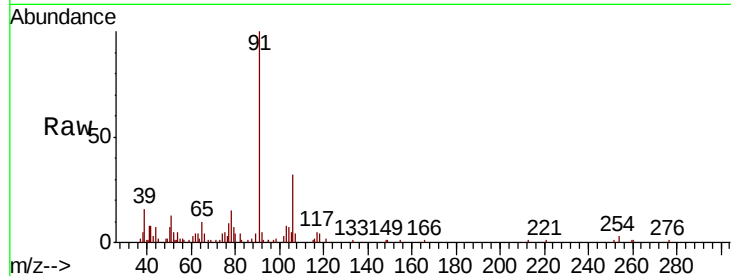
ClientSampled :

Tot Ion: 91 Resp: 23208

Ion Ratio Lower Upper

91 100

106 26.2 25.3 37.9



#59

m/p-Xylene

Concen: 0.046 ppbv

RT: 12.98 min Scan# 3169

Delta R.T. -0.03 min

Lab File: VL036550.D

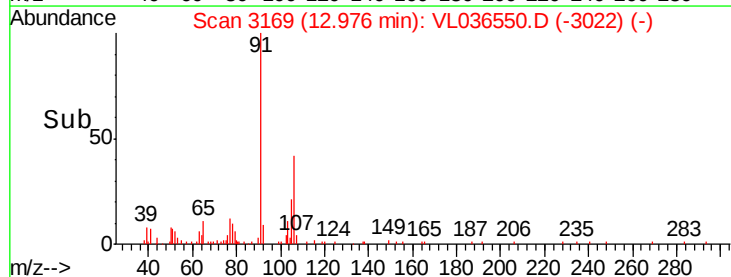
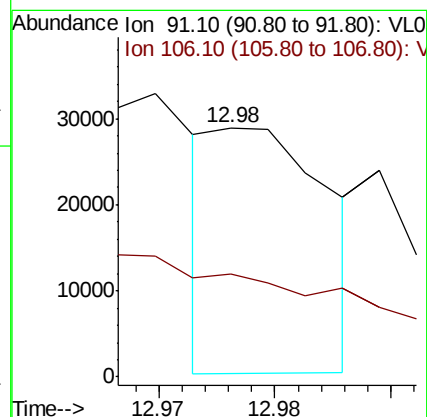
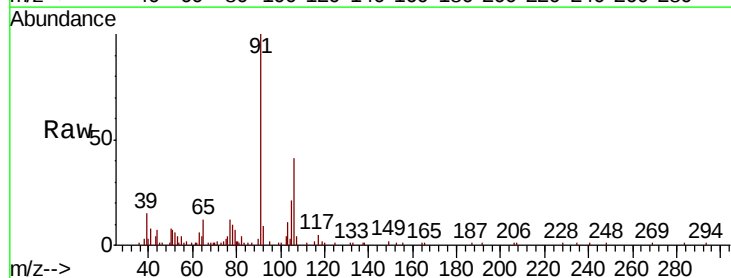
Acq: 29 Mar 2021 22:20

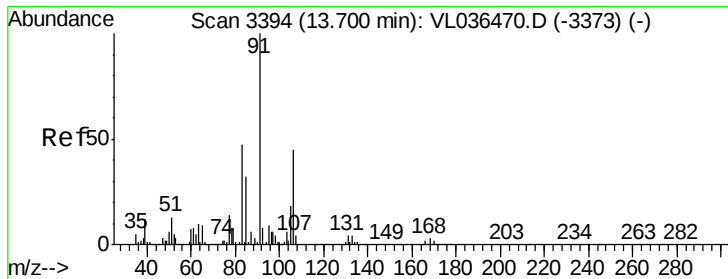
Tgt Ion: 91 Resp: 19426

Ion Ratio Lower Upper

91 100

106 0.0 35.3 52.9#

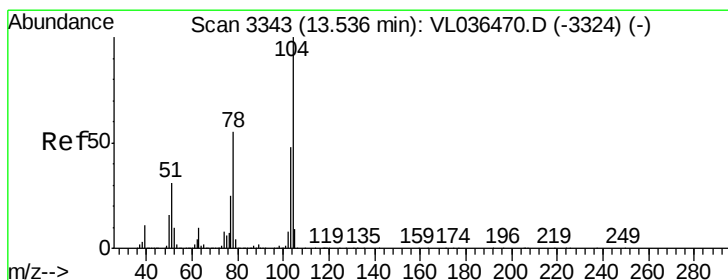
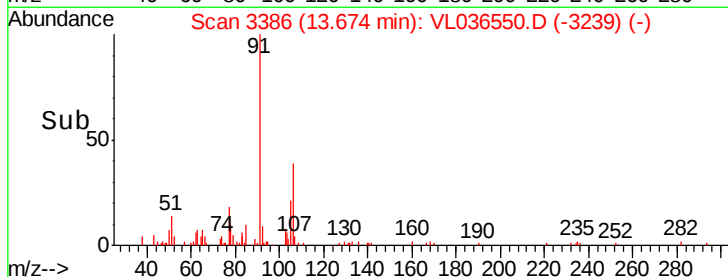
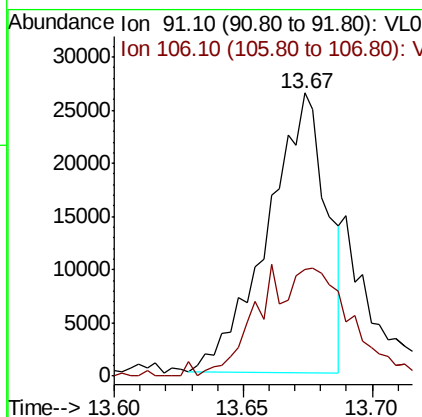
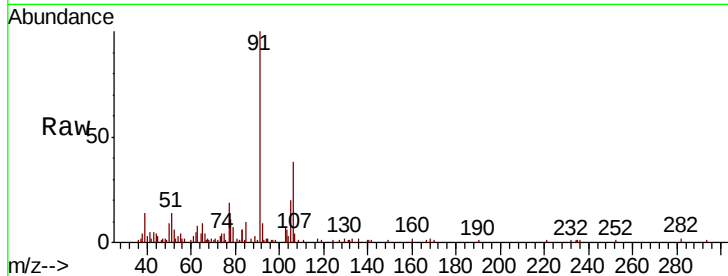




#60
o-Xylene
Concen: 0.103 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.03 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

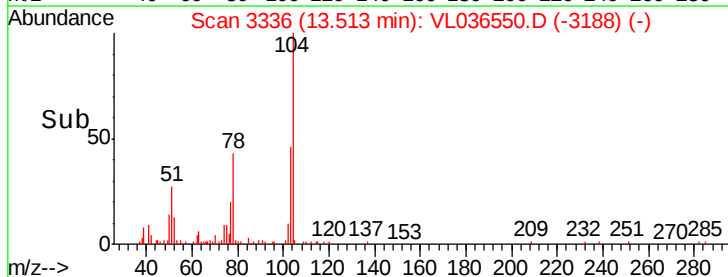
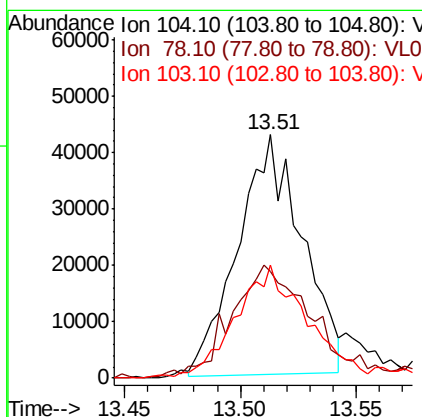
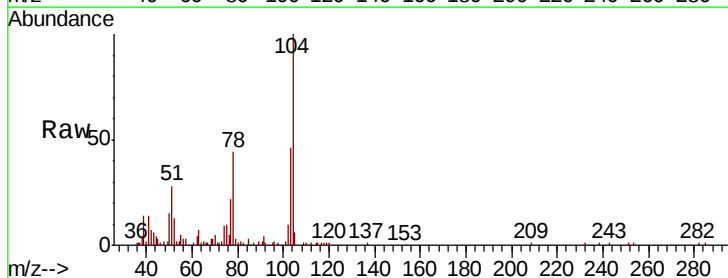
Instrument :
MSVOA_L
ClientSampled :

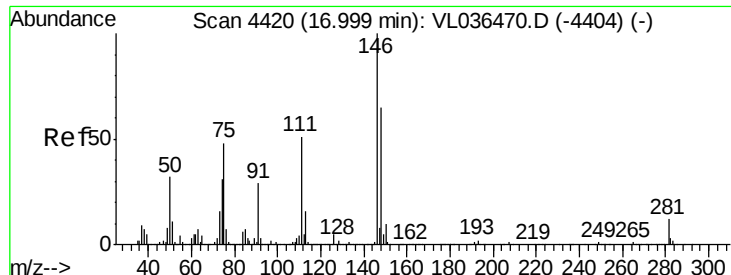
Tot Ion: 91 Resp: 42190
Ion Ratio Lower Upper
91 100
106 62.6 22.3 66.9



#61
Styrene
Concen: 0.399 ppbv
RT: 13.51 min Scan# 3336
Delta R.T. -0.02 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

Tgt Ion: 104 Resp: 82406
Ion Ratio Lower Upper
104 100
78 62.8 43.8 65.8
103 55.7 38.3 57.5

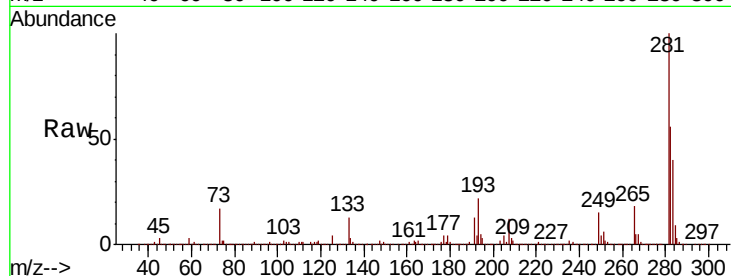




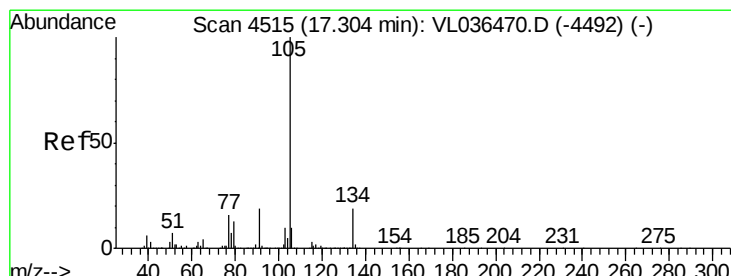
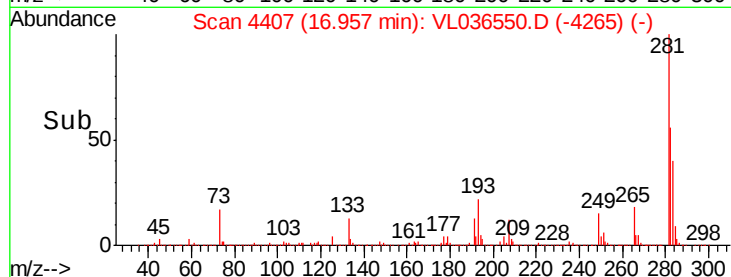
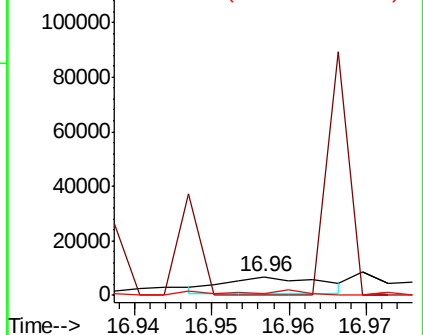
#66
Benzyl Chloride
Concen: 0.104 ppbv
RT: 16.96 min Scan# 4407
Delta R.T. -0.04 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 91 Resp: 5519
Ion Ratio Lower Upper
91 100
126 0.0 13.5 20.3#
128 33.5 4.2 6.4#

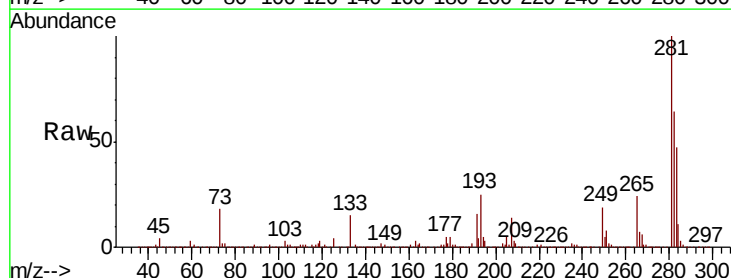


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

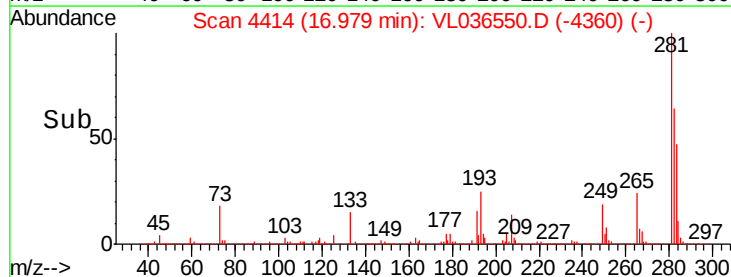
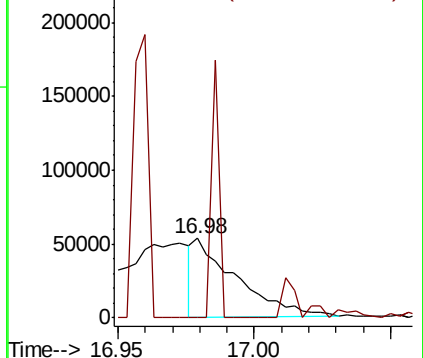


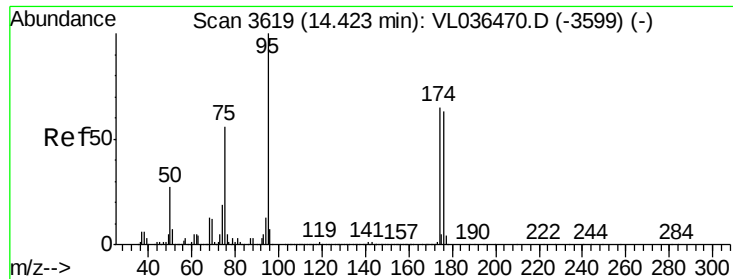
#67
sec-Butylbenzene
Concen: 0.085 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. -0.32 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

Tgt Ion: 105 Resp: 57586
Ion Ratio Lower Upper
105 100
134 18.2 14.7 22.1



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 134.20 (133.90 to 134.90): V

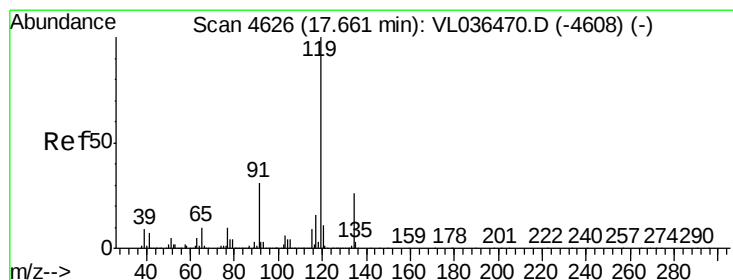
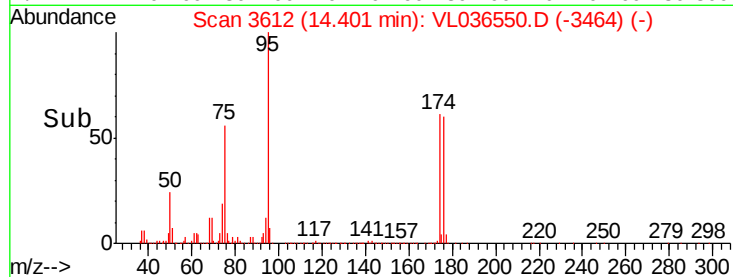
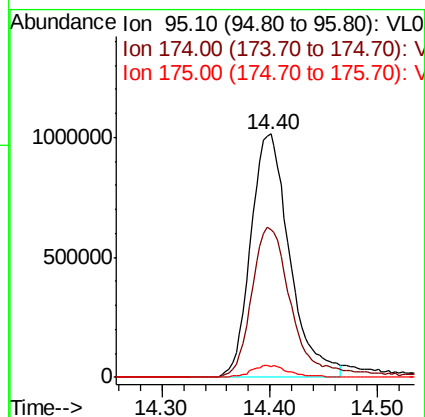
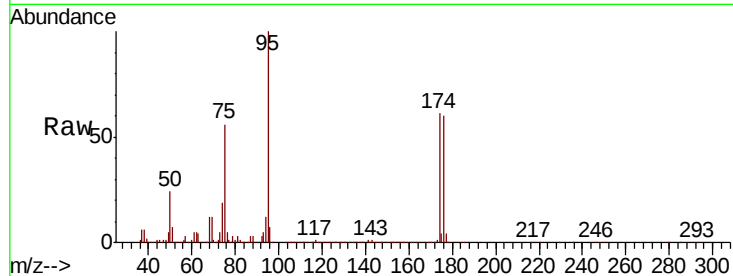




#68
1-Bromo-4-Fluorobenzene
Concen: 9.542 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.02 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

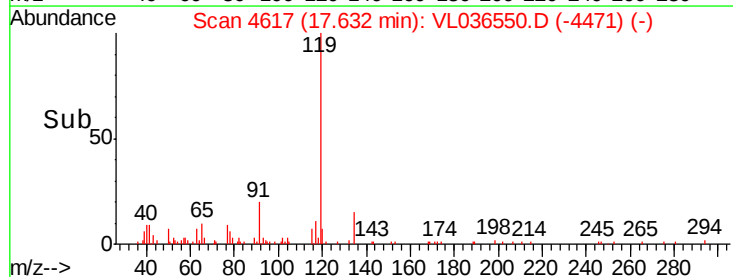
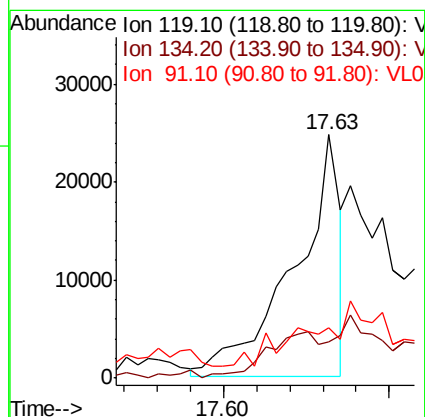
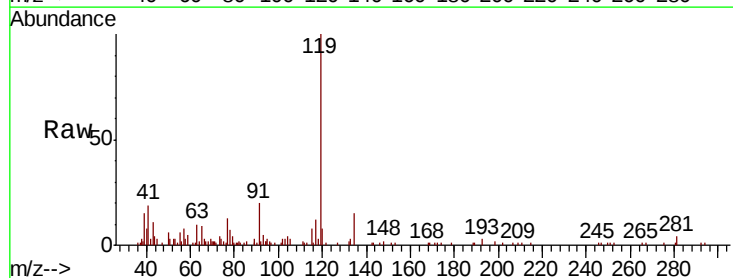
Instrument :
MSVOA_L
ClientSampleId :

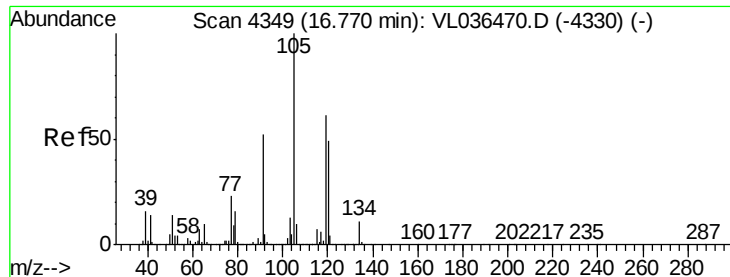
Tot Ion: 95 Resp: 2543285
Ion Ratio Lower Upper
95 100
174 65.4 51.0 76.6
175 4.7 3.9 5.9



#69
p-Isopropyltoluene
Concen: 0.045 ppbv
RT: 17.63 min Scan# 4617
Delta R.T. -0.03 min
Lab File: VL036550.D
Acq: 29 Mar 2021 22:20

Tgt Ion: 119 Resp: 23544
Ion Ratio Lower Upper
119 100
134 0.0 20.6 30.8#
91 0.0 25.0 37.6#





#74

1,2,4-Trimethylbenzene

Concen: 0.137 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.03 min

Lab File: VL036550.D

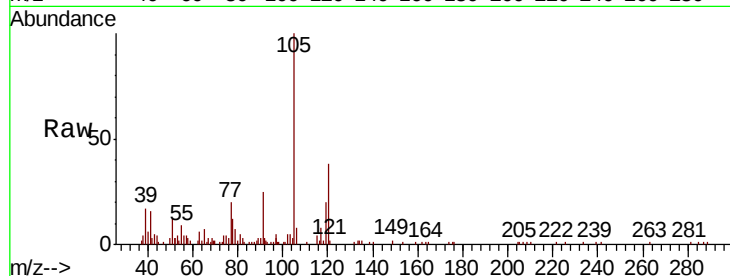
Acq: 29 Mar 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	61469
Ion	Ratio	Lower	Upper
105	100		
120	34.9	39.2	58.8#
91	18.8	42.6	64.0#
77	15.5	18.6	28.0#

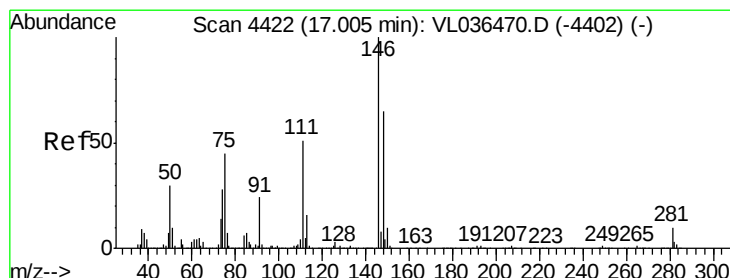
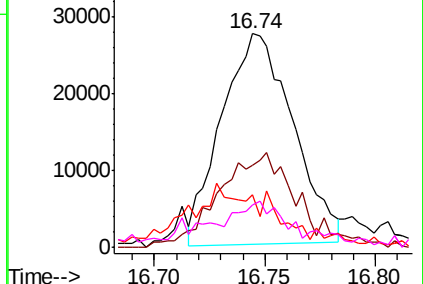
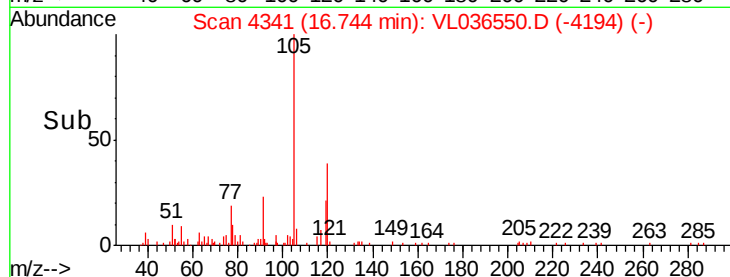


Abundance Ion 105.10 (104.80 to 105.80): V

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



#75

1,3-Dichlorobenzene

Concen: 0.078 ppbv

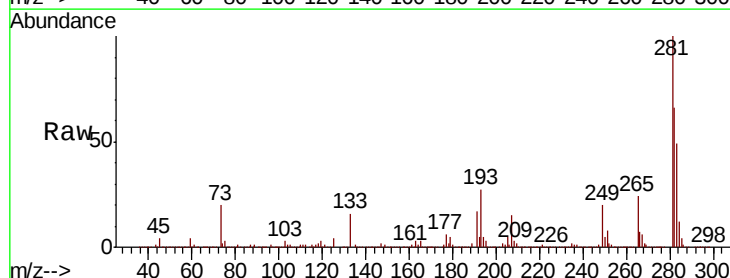
RT: 16.97 min Scan# 4411

Delta R.T. -0.04 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

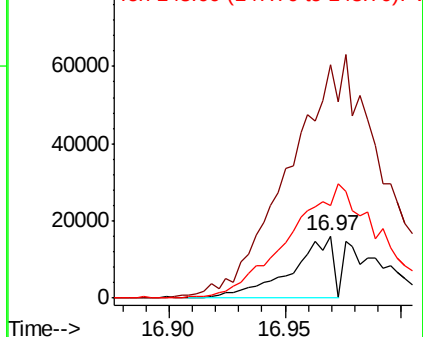
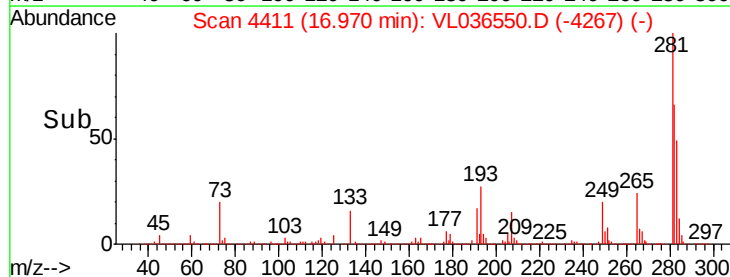
Tgt Ion:	146	Resp:	19721
Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.5	73.5#
148	0.0	32.3	96.9#

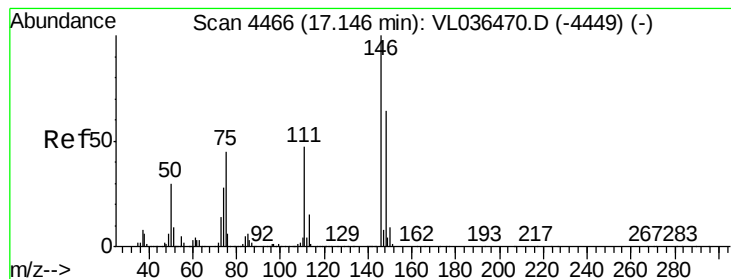


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#76

1,4-Dichlorobenzene

Concen: 0.229 ppbv

RT: 17.12 min Scan# 4457

Delta R.T. -0.03 min

Lab File: VL036550.D

Acq: 29 Mar 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:146 Resp: 57499

Ion Ratio Lower Upper

146 100

111 103.1 24.3 72.8#

148 0.0 33.0 98.9#

