

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040721\
 Data File : VL036737.D
 Acq On : 7 Apr 2021 22:02
 Operator : SY/AP
 Sample : M1929-07
 Misc : 400mL/MSVOA L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV01

Quant Time: Apr 08 02:43:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Apr 08 01:58:43 2021
 QLast Update : Thu Apr 08 01:58:43 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1295505	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3186728	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2887836	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2517177	10.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	44864	0.212 ppbv	# 80
3) Chlorodifluoromethane	2.98	51	213373	0.882 ppbv	96
4) Chloromethane	3.14	50	11765	0.138 ppbv	94
9) Propene	3.01	41	231809	3.004 ppbv	89
10) Heptane	8.12	43	964136	4.905 ppbv	98
11) Trichlorofluoromethane	3.94	101	48003	0.223 ppbv	88
13) Ethanol	3.60	45	1003144	109.169 ppbv	93
15) Acetone	3.84	43	314375	2.466 ppbv	# 27
16) 1,3-Butadiene	3.30	39	187311	2.110 ppbv	# 28
17) tert-Butyl alcohol	4.30	59	99477	0.896 ppbv	# 72
19) Isopropyl Alcohol	4.00	45	85430	1.218 ppbv	# 89
20) Methylene Chloride	4.34	84	110347	1.848 ppbv	93
21) Allyl Chloride	4.36	41	29015	0.285 ppbv	# 16
23) Vinyl Acetate	5.05	43	154185	0.707 ppbv	# 1
25) Ethyl Acetate	5.68	43	497331	1.641 ppbv	# 79
26) Hexane	5.68	57	668044	4.749 ppbv	# 46
27) Carbon Disulfide	4.55	76	36002	0.260 ppbv	# 48
29) Chloroform	5.75	83	30924	0.137 ppbv	86
30) Cyclohexane	7.13	84	154677	1.356 ppbv	# 80
34) 2-Butanone	5.25	43	64849	0.417 ppbv	# 81
36) Benzene	6.89	78	761419	2.591 ppbv	97
39) 1,2-Dichloropropane	7.17	63	860287	7.216 ppbv	# 23
41) Tetrahydrofuran	6.06	42	24778	0.345 ppbv	# 76
42) Bromodichloromethane	7.79	83	13454	0.057 ppbv	# 37
44) 2,2,4-Trimethylpentane	7.87	57	9017336	17.433 ppbv	# 74
50) 4-Methyl-2-Pentanone	8.75	43	16698	0.074 ppbv	# 1
51) 2-Hexanone	10.11	43	291100	2.563 ppbv	# 32
52) Tetrachloroethene	11.22	164	211364	1.953 ppbv	98
53) Toluene	9.80	91	4183901	13.368 ppbv	100
57) Chlorobenzene	12.15	112	189905	0.773 ppbv	# 41
58) Ethyl Benzene	12.71	91	583765	1.389 ppbv	89
59) m/p-Xylene	12.97	91	2130317	5.813 ppbv	93
60) o-Xylene	13.70	91	1025104	2.893 ppbv	96
61) Styrene	13.53	104	7418	0.042 ppbv	# 1
62) Isopropylbenzene	14.67	105	129740	0.272 ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	256740	0.950 ppbv	# 67
64) n-propylbenzene	15.57	120	20921	0.179 ppbv	# 1
66) Benzyl Chloride	16.99	91	9538	0.209 ppbv	# 1
69) p-Isopropyltoluene	17.65	119	42871	0.094 ppbv	# 1
71) 2-Chlorotoluene	15.78	91	149746	0.419 ppbv	84
72) 4-Ethyltoluene	15.85	105	315588	0.813 ppbv	# 82

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Apr 08 01:58:43 2021
QLast Update : Thu Apr 08 01:58:43 2021
Response via : Initial Calibration

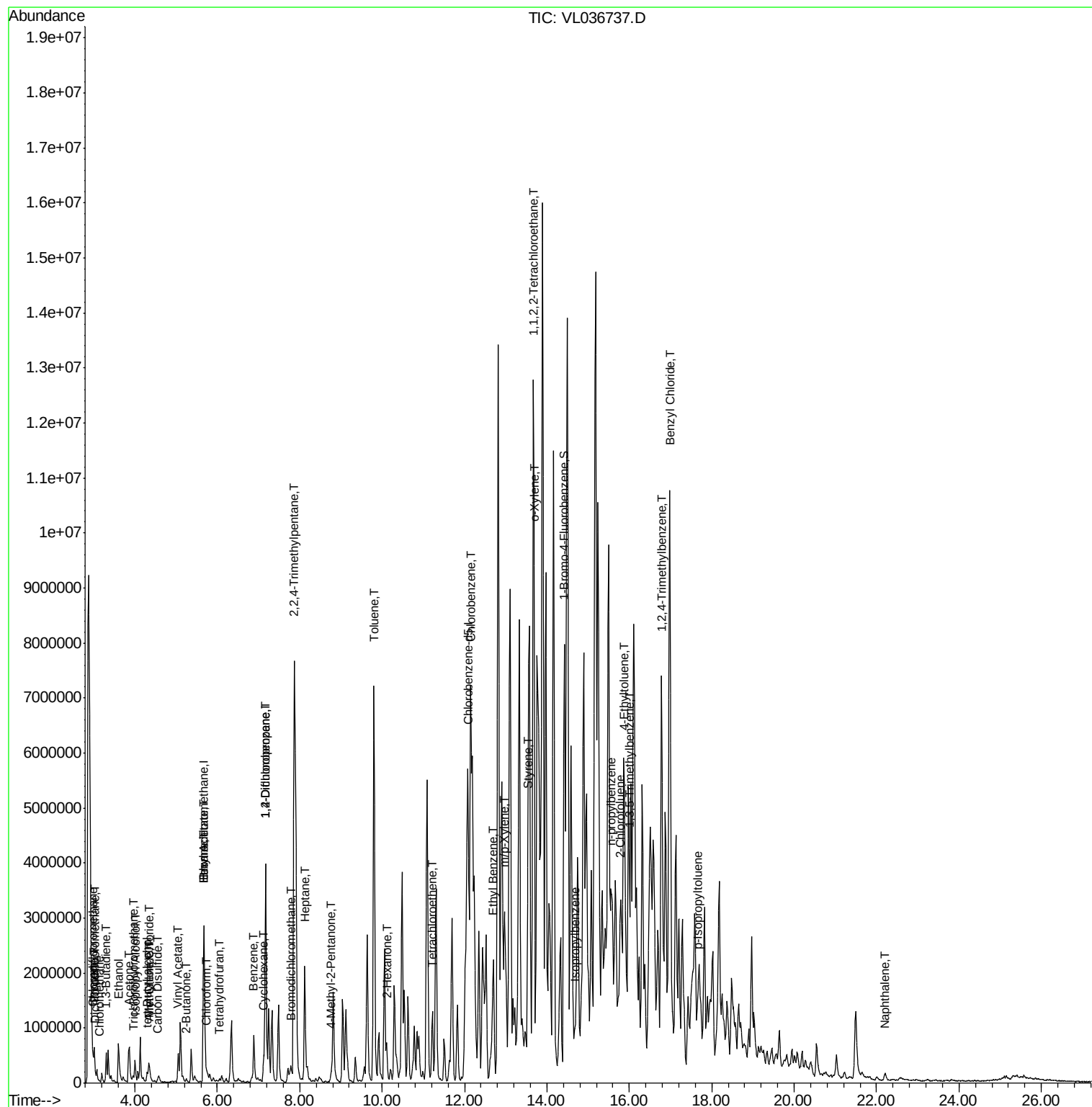
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 1,3,5-Trimethylbenzene	16.01	105	346419	0.956	ppbv	94
74) 1,2,4-Trimethylbenzene	16.77	105	386547	0.997	ppbv #	72
79) Naphthalene	22.20	128	45043	0.199	ppbv #	95

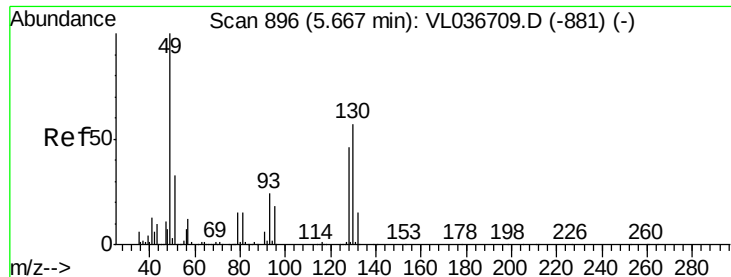
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040721\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL036737.D

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FS-SV01

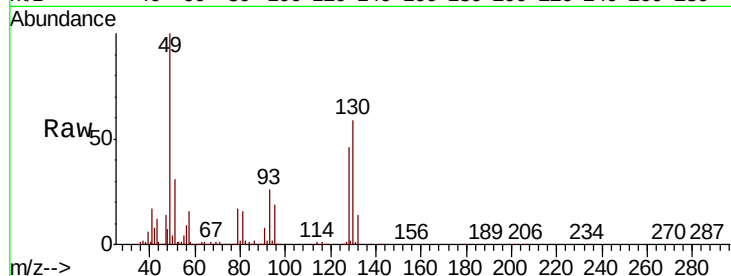
Tot Ion: 49 Resp: 1295505

Ion Ratio Lower Upper

49 100

128 46.2 23.5 70.6

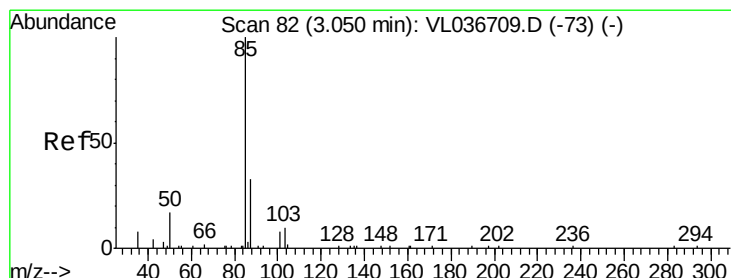
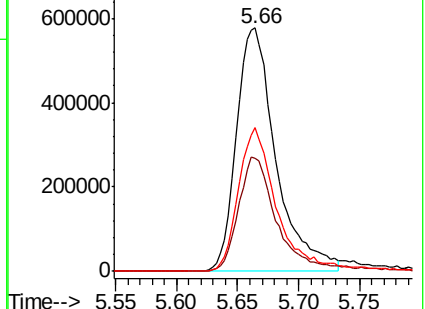
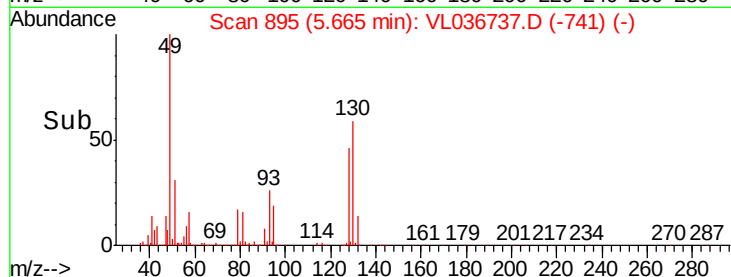
130 58.9 29.1 87.4



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: 0.212 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.01 min

Lab File: VL036737.D

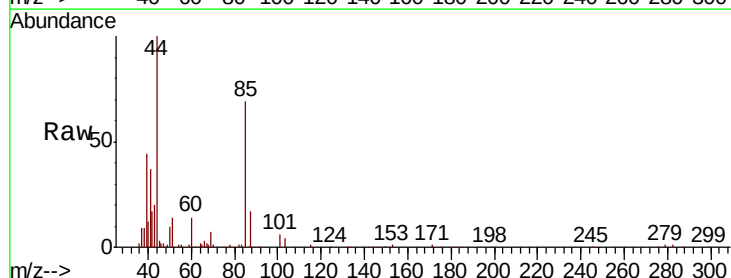
Acq: 7 Apr 2021 22:02

Tgt Ion: 85 Resp: 44864

Ion Ratio Lower Upper

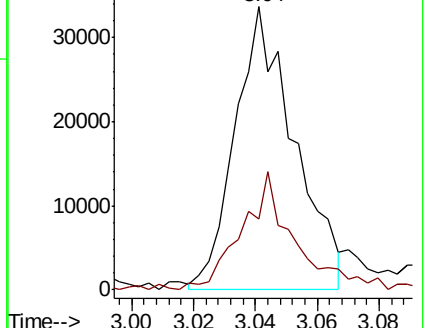
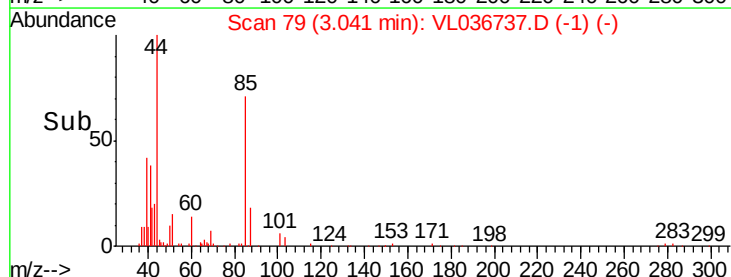
85 100

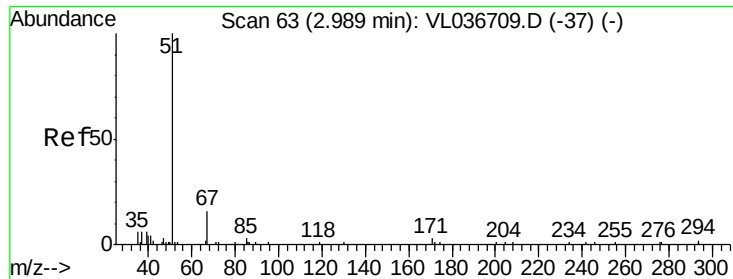
87 23.0 27.8 41.8#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.882 ppbv

RT: 2.98 min Scan# 61

Delta R.T. -0.00 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Instrument :

MSVOA_L

ClientSampleId :

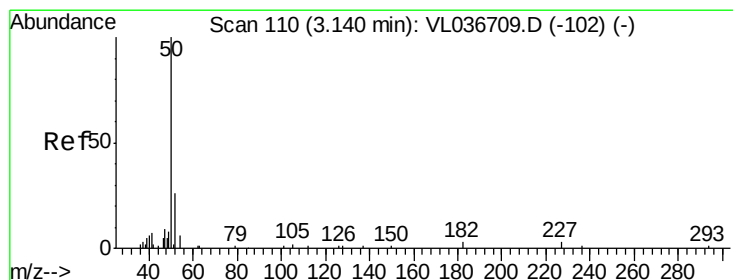
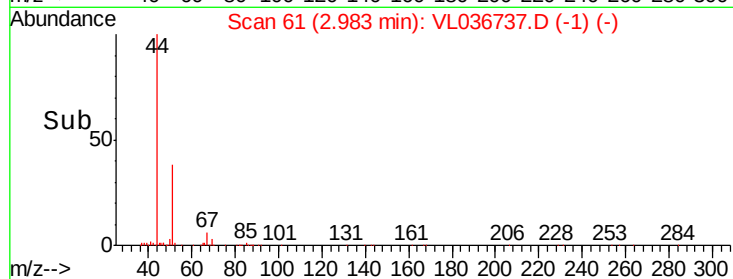
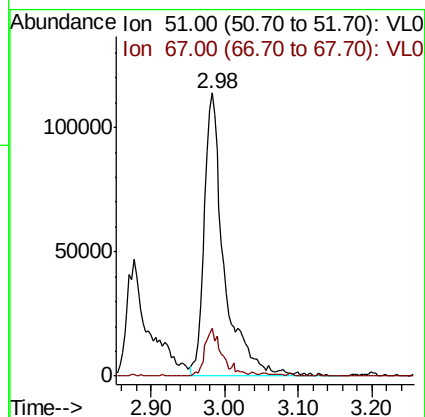
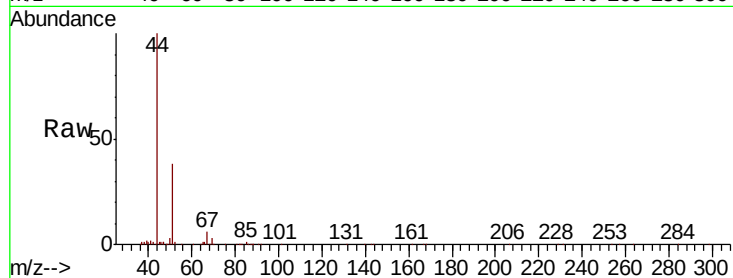
FS-SV01

Tot Ion: 51 Resp: 213373

Ion Ratio Lower Upper

51 100

67 16.4 14.7 22.1



#4

Chloromethane

Concen: 0.138 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.00 min

Lab File: VL036737.D

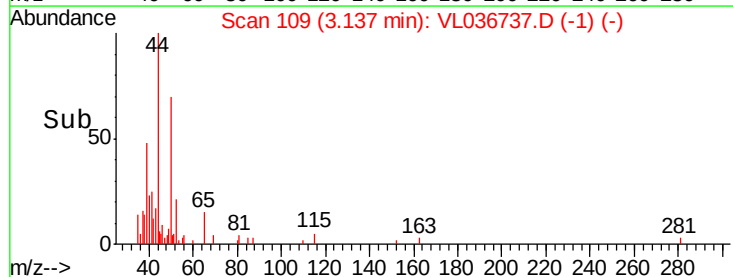
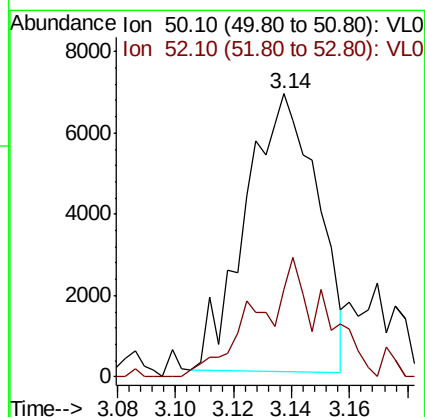
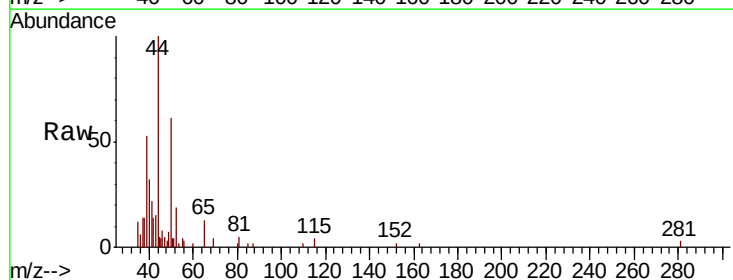
Acq: 7 Apr 2021 22:02

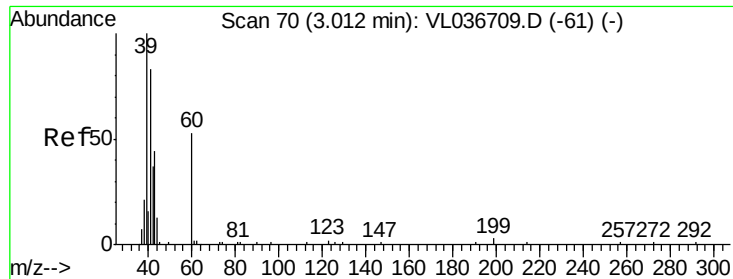
Tgt Ion: 50 Resp: 11765

Ion Ratio Lower Upper

50 100

52 30.3 27.0 40.6





#9

Propene

Concen: 3.004 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.00 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Instrument :

MSVOA_L

ClientSampleId :

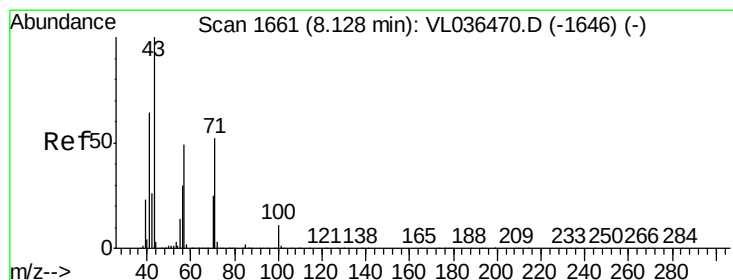
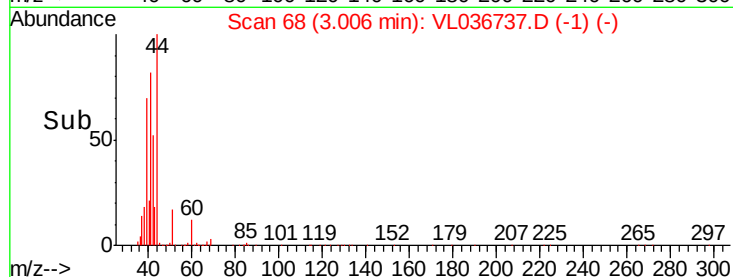
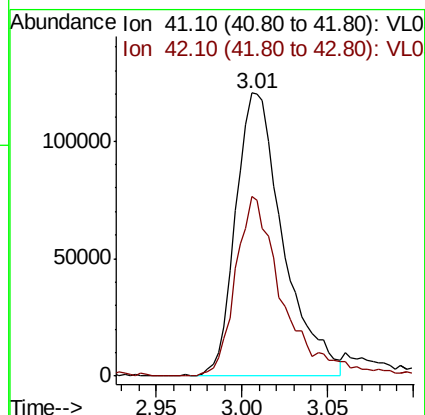
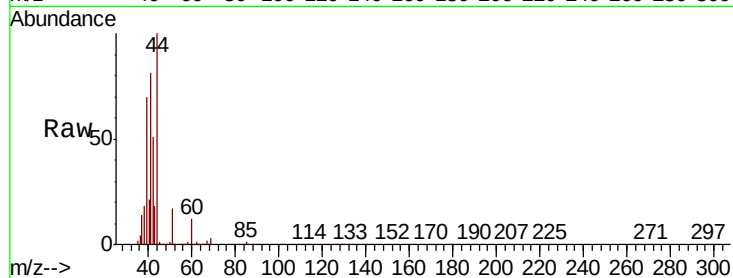
FS-SV01

Tot Ion: 41 Resp: 231809

Ion Ratio Lower Upper

41 100

42 62.2 57.0 85.4



#10

Heptane

Concen: 4.905 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL036737.D

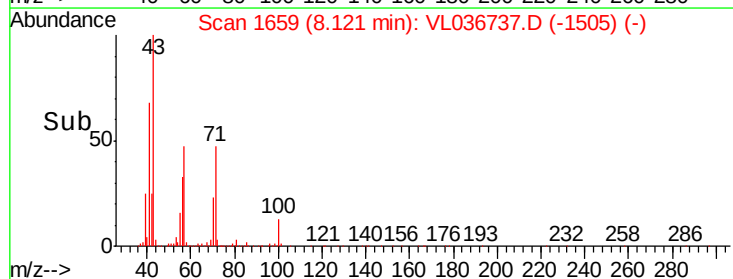
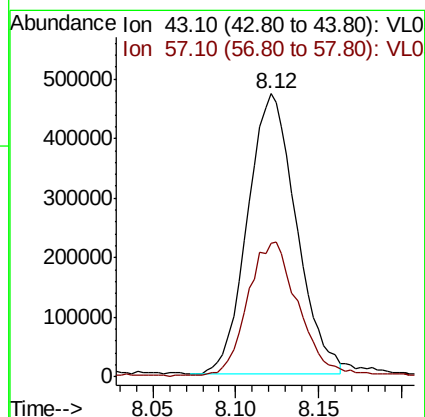
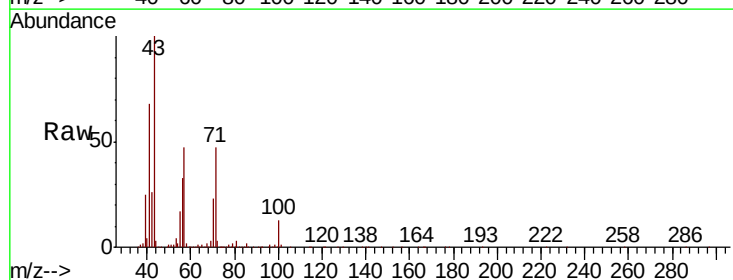
Acq: 7 Apr 2021 22:02

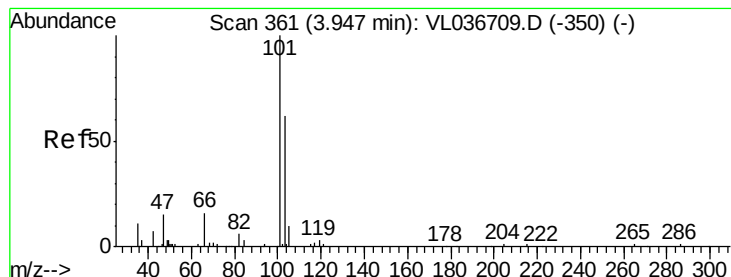
Tgt Ion: 43 Resp: 964136

Ion Ratio Lower Upper

43 100

57 50.3 39.0 58.6





#11

Trichlorofluoromethane

Concen: 0.223 ppbv

RT: 3.94 min Scan# 360

Delta R.T. -0.01 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Instrument :

MSVOA_L

ClientSampleId :

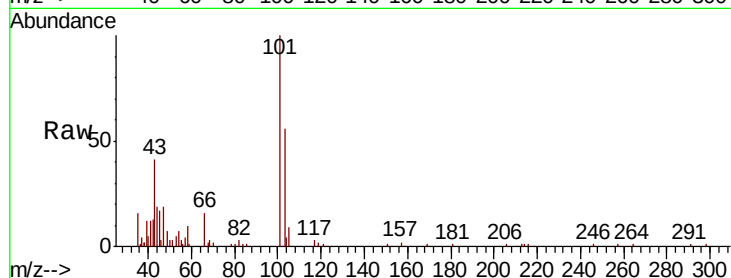
FS-SV01

Tot Ion:101 Resp: 48003

Ion Ratio Lower Upper

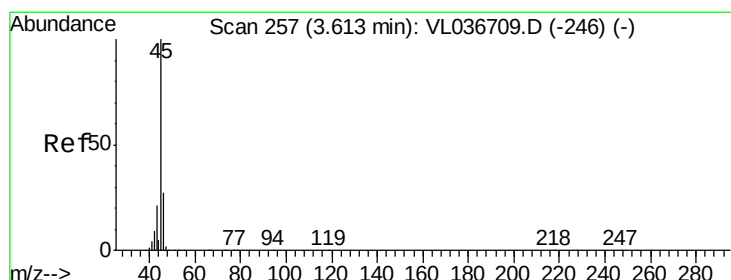
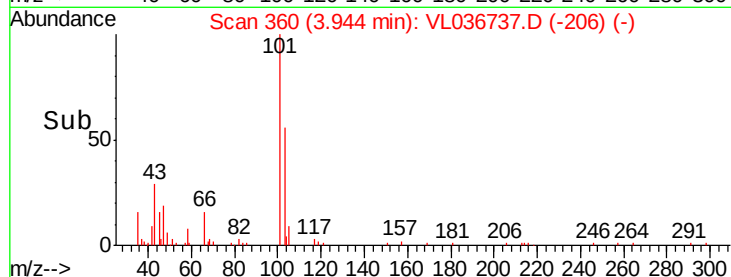
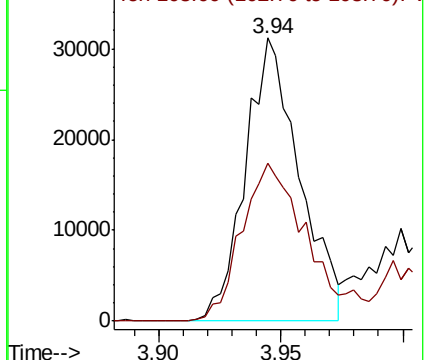
101 100

103 55.7 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 109.169 ppbv

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL036737.D

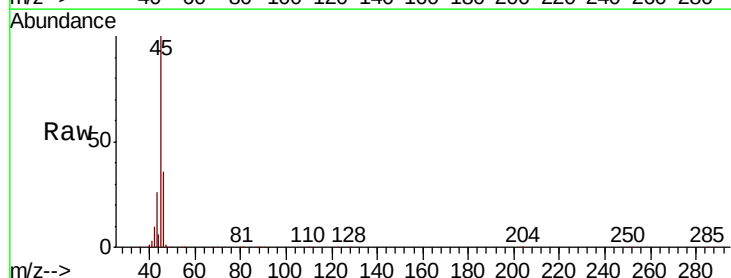
Acq: 7 Apr 2021 22:02

Tgt Ion: 45 Resp: 1003144

Ion Ratio Lower Upper

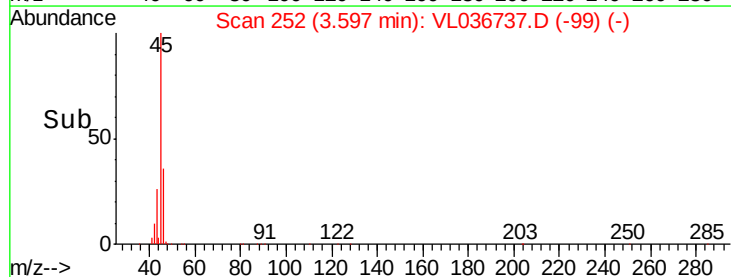
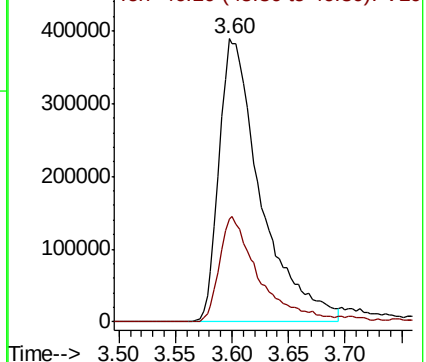
45 100

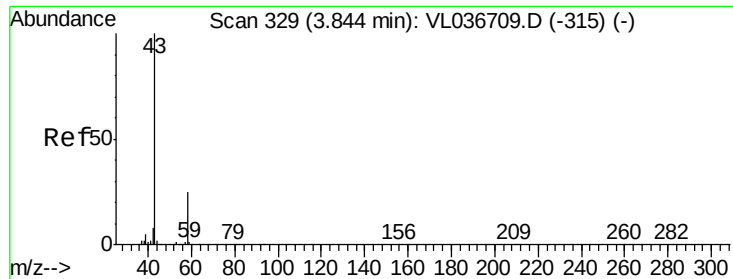
46 37.3 16.6 66.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 2.466 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Instrument :

MSVOA_L

ClientSampleId :

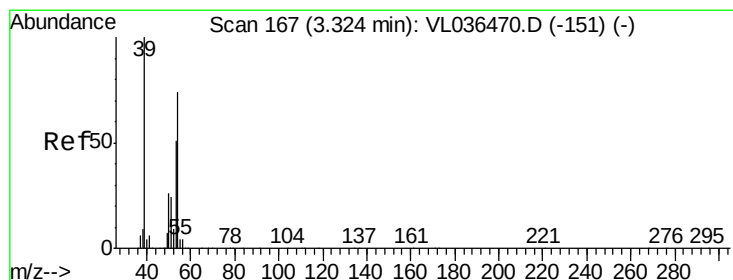
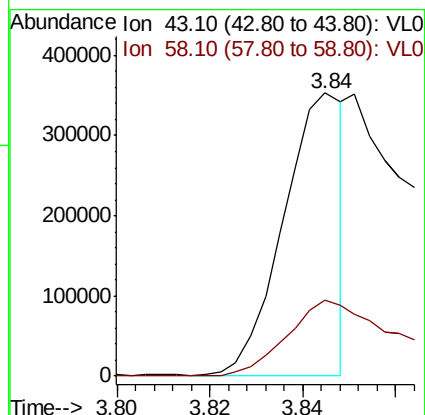
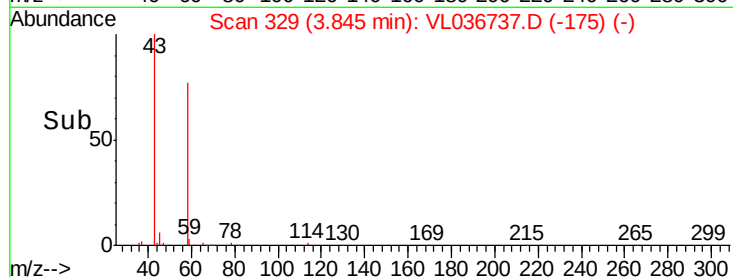
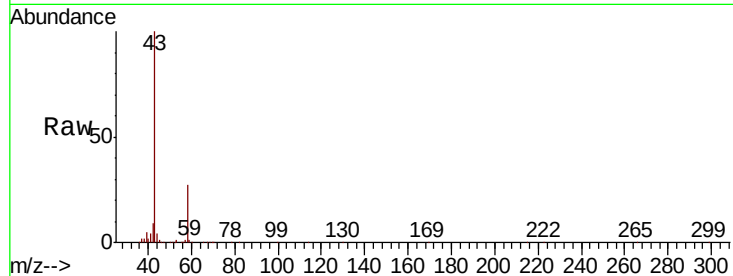
FS-SV01

Tot Ion: 43 Resp: 314375

Ion Ratio Lower Upper

43 100

58 64.2 21.2 31.8#



#16

1,3-Butadiene

Concen: 2.110 ppbv

RT: 3.30 min Scan# 160

Delta R.T. -0.02 min

Lab File: VL036737.D

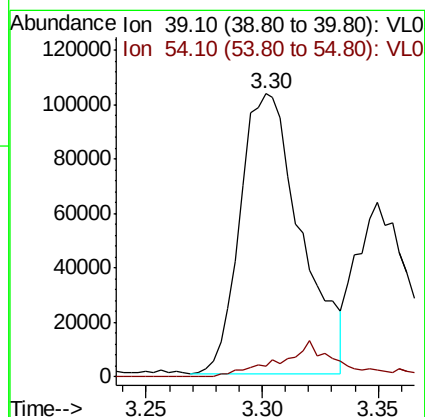
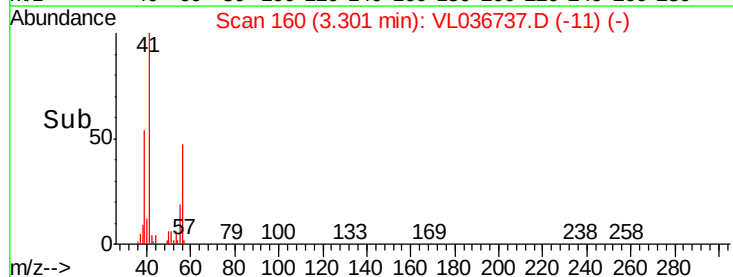
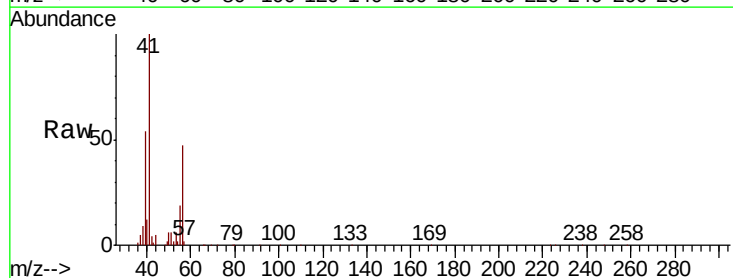
Acq: 7 Apr 2021 22:02

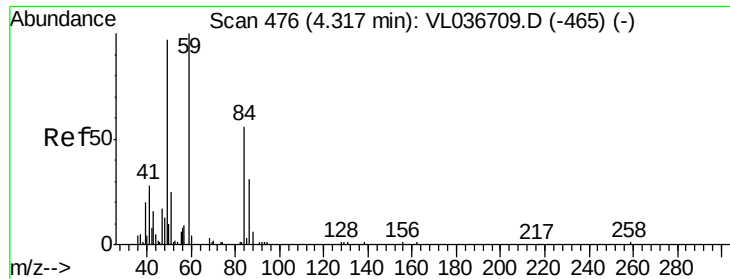
Tgt Ion: 39 Resp: 187311

Ion Ratio Lower Upper

39 100

54 13.1 58.8 88.2#





#17

tert-Butyl alcohol

Concen: 0.896 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.00 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Instrument :

MSVOA_L

ClientSampleId :

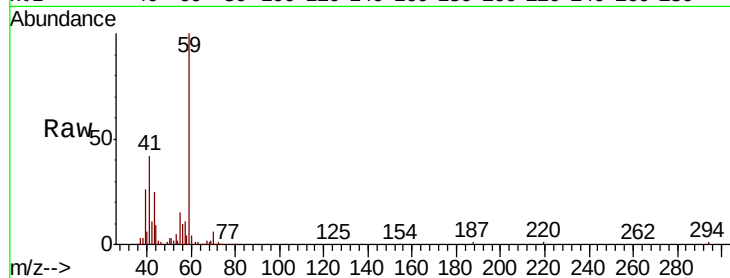
FS-SV01

Tot Ion: 59 Resp: 99477

Ion Ratio Lower Upper

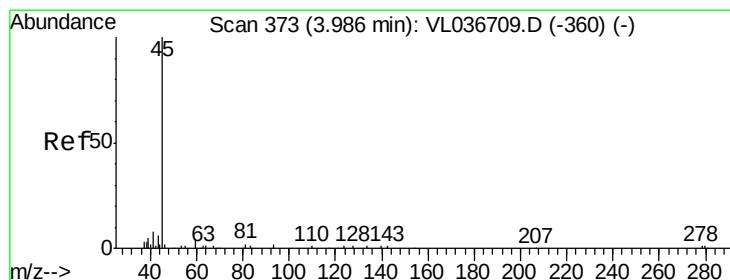
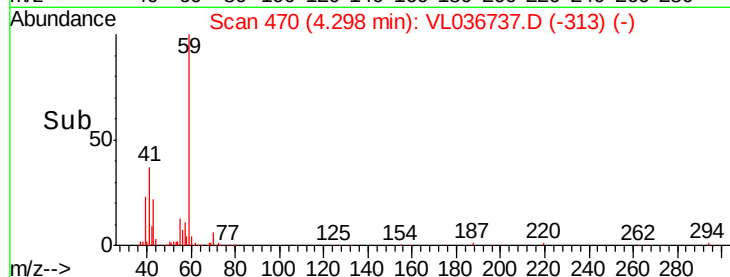
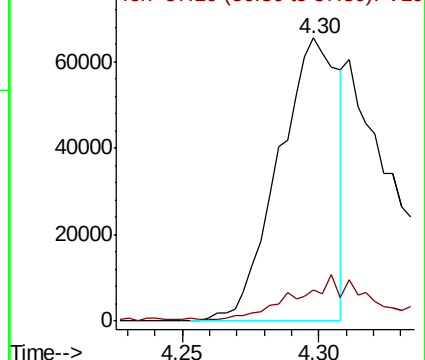
59 100

57 0.0 8.6 12.8#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#19

Isopropyl Alcohol

Concen: 1.218 ppbv

RT: 4.00 min Scan# 377

Delta R.T. 0.03 min

Lab File: VL036737.D

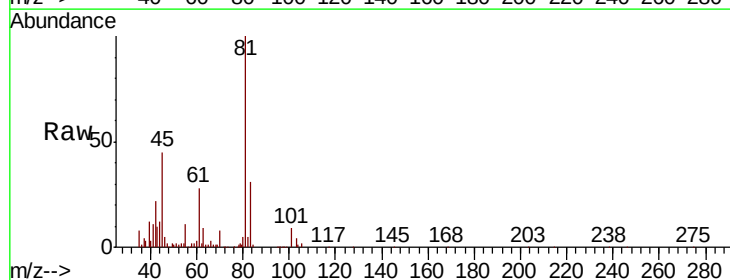
Acq: 7 Apr 2021 22:02

Tgt Ion: 45 Resp: 85430

Ion Ratio Lower Upper

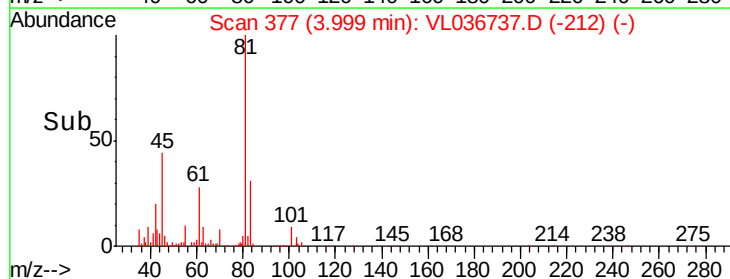
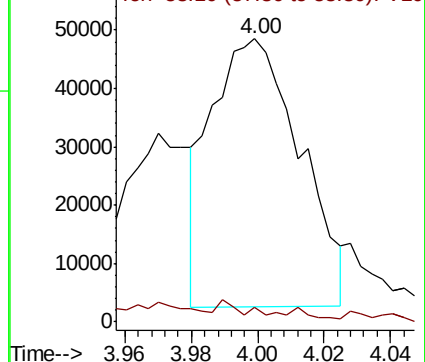
45 100

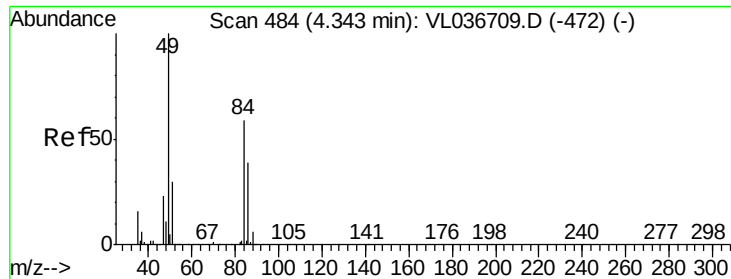
58 0.0 2.9 4.3#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

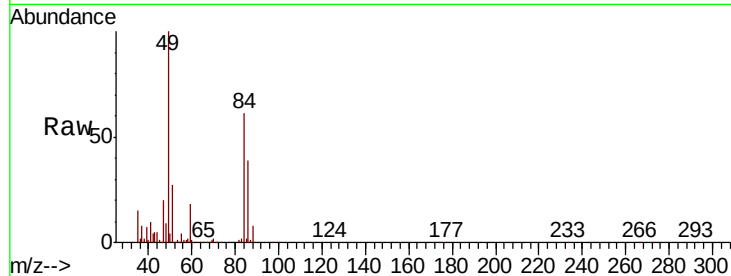




#20
Methylene Chloride
Concen: 1.848 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL036737.D
Acq: 7 Apr 2021 22:02

Instrument :
MSVOA_L
ClientSampleId :
FS-SV01

Tot Ion:	84	Resp:	110347
Ion	Ratio	Lower	Upper
84	100		
49	163.6	122.9	184.3
51	43.4	36.9	55.3
86	64.6	48.2	72.4



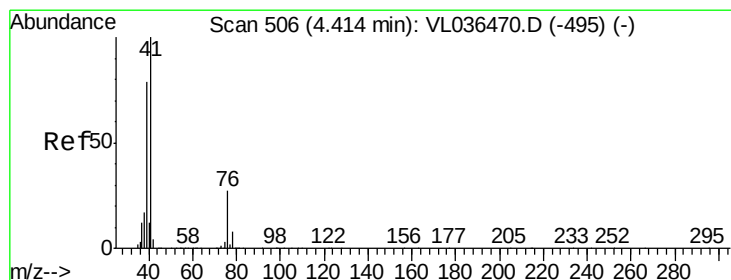
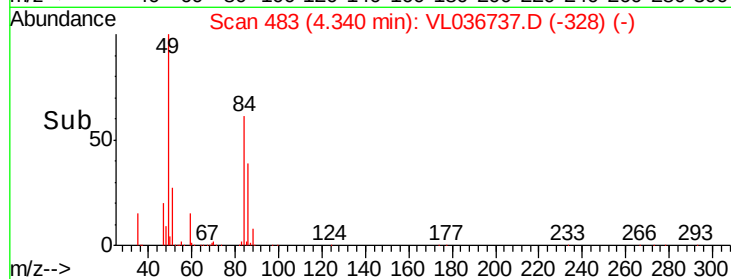
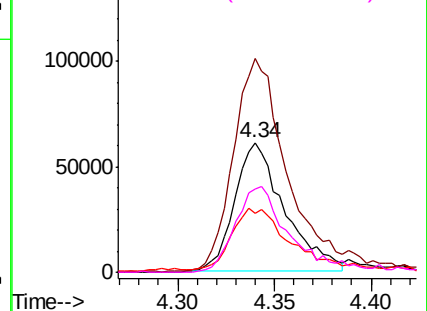
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

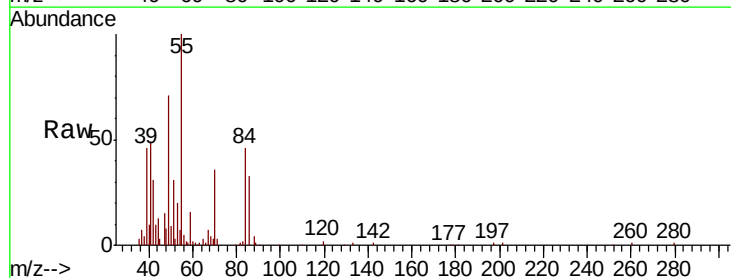
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#21
Allyl Chloride
Concen: 0.285 ppbv
RT: 4.36 min Scan# 490
Delta R.T. -0.05 min
Lab File: VL036737.D
Acq: 7 Apr 2021 22:02

Tgt Ion:	41	Resp:	29015
Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.9	34.3#
39	169.3	67.3	100.9#

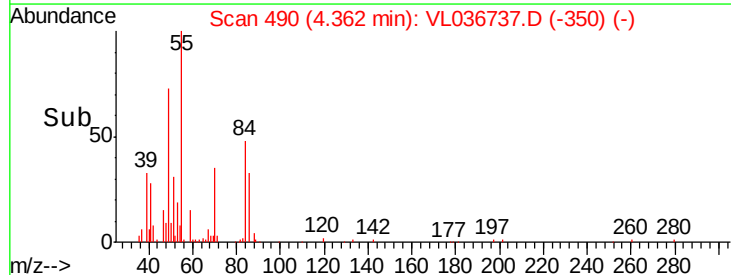
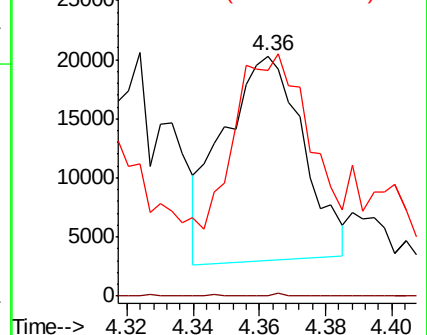


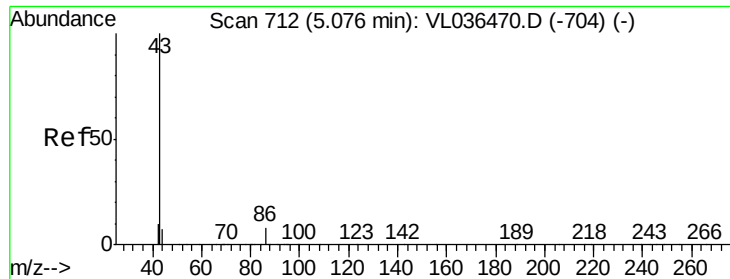
Abundance

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

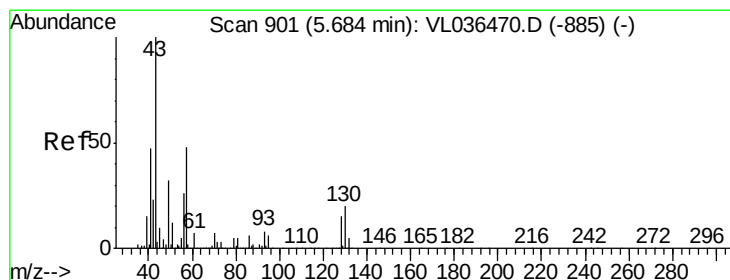
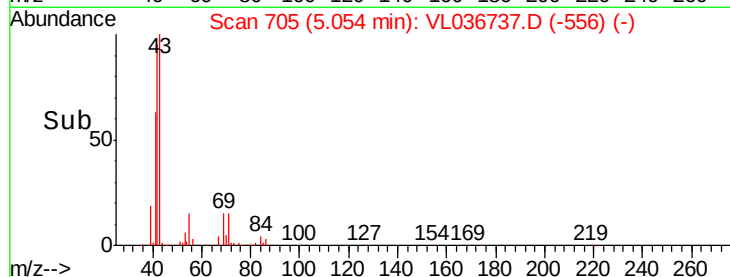
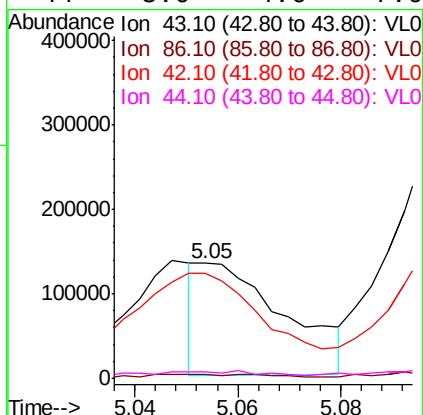
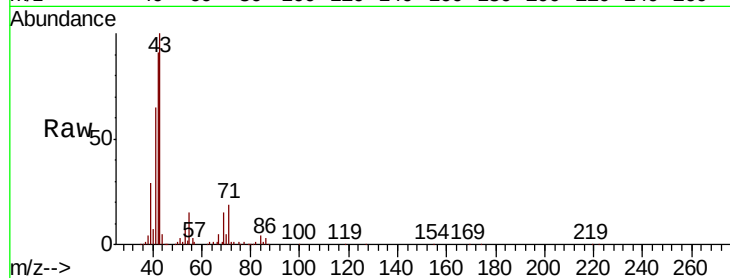




#23
 Vinyl Acetate
 Concen: 0.707 ppbv
 RT: 5.05 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: VL036737.D
 Acq: 7 Apr 2021 22:02

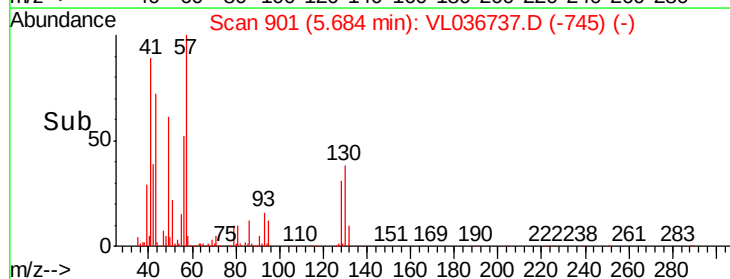
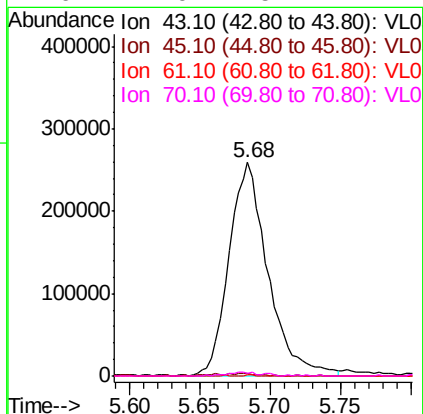
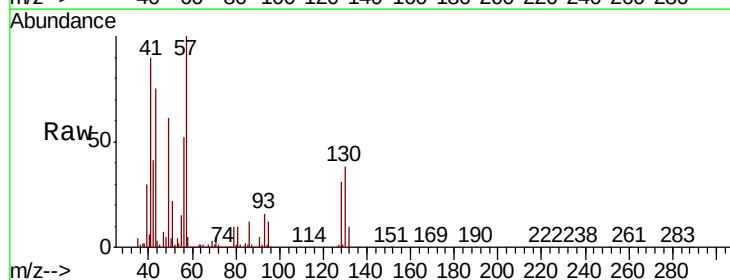
Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV01

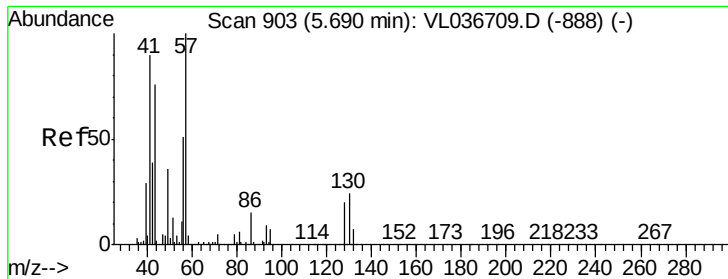
Tot Ion:	43	Resp:	154185
Ion	Ratio	Lower	Upper
43	100		
86	2.9	5.4	8.0#
42	116.1	8.5	12.7#
44	3.0	4.6	7.0#



#25
 Ethyl Acetate
 Concen: 1.641 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VL036737.D
 Acq: 7 Apr 2021 22:02

Tgt Ion:	43	Resp:	497331
Ion	Ratio	Lower	Upper
43	100		
45	1.4	7.9	11.9#
61	0.4	7.4	11.2#
70	2.0	5.1	7.7#





#26

Hexane

Concen: 4.749 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.00 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Instrument :

MSVOA_L

ClientSampleId :

FS-SV01

Tot Ion: 57 Resp: 668044

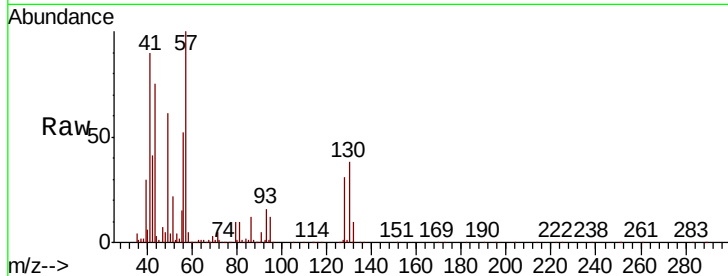
Ion Ratio Lower Upper

57 100

41 101.5 77.2 115.8

43 75.9 173.8 260.6#

56 57.9 43.8 65.6

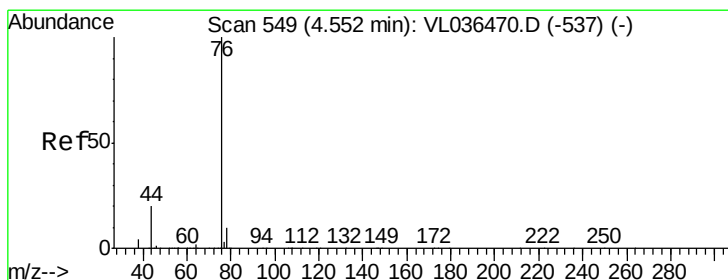
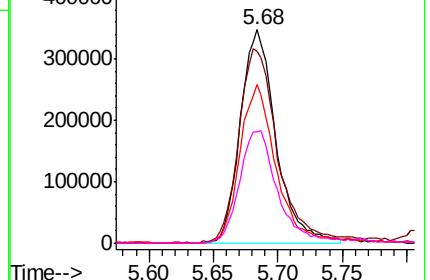
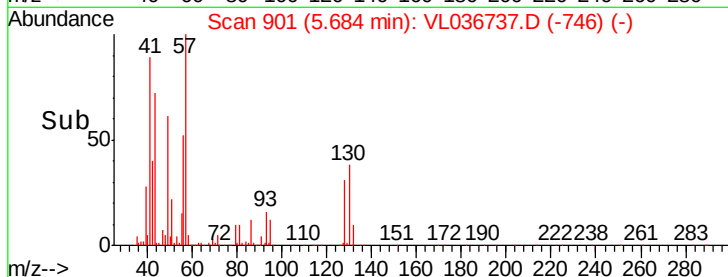


Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 0.260 ppbv

RT: 4.55 min Scan# 547

Delta R.T. -0.01 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

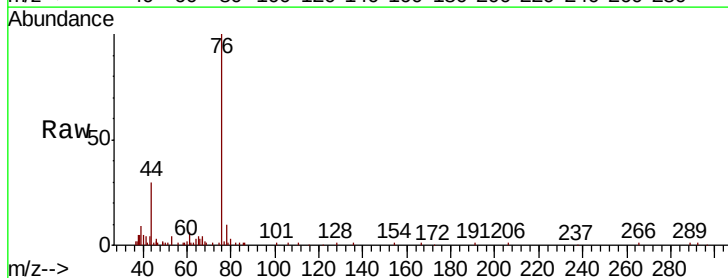
Tgt Ion: 76 Resp: 36002

Ion Ratio Lower Upper

76 100

44 53.2 17.5 26.3#

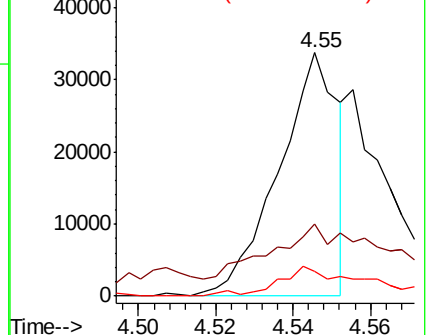
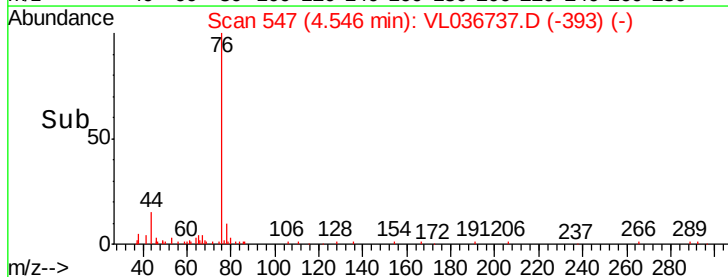
78 19.7 8.6 13.0#

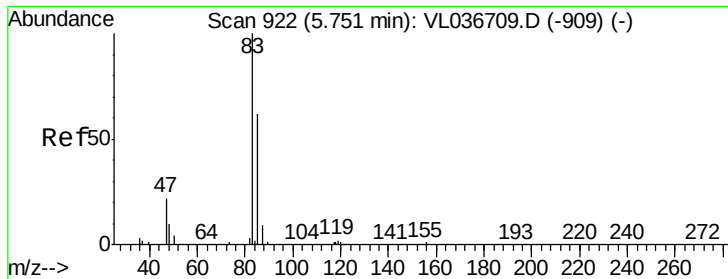


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

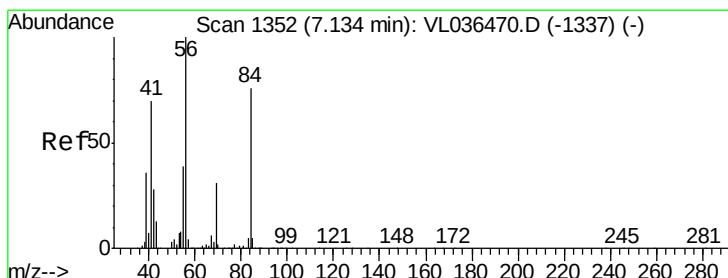
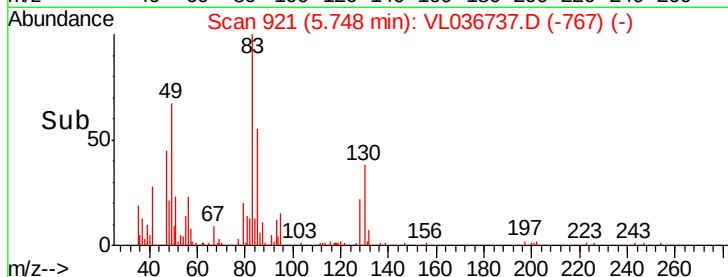
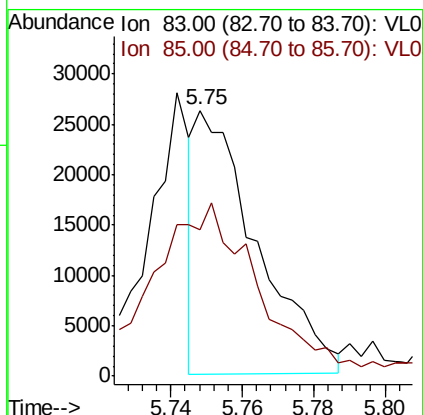
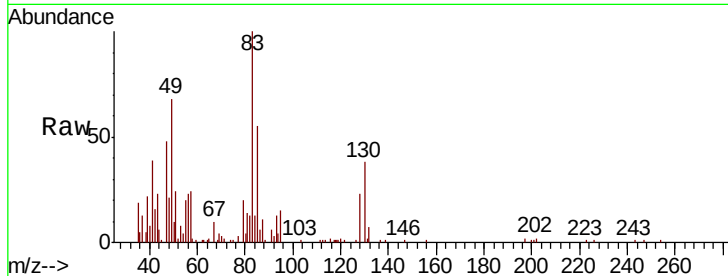




#29
Chloroform
Concen: 0.137 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: VL036737.D
Acq: 7 Apr 2021 22:02

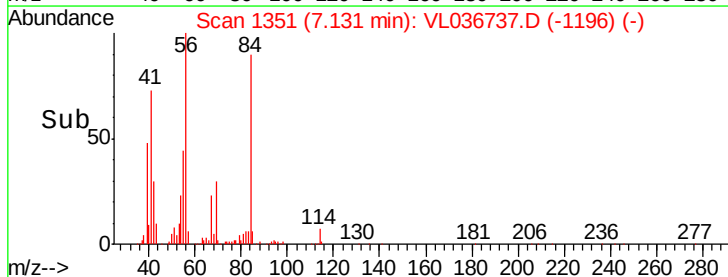
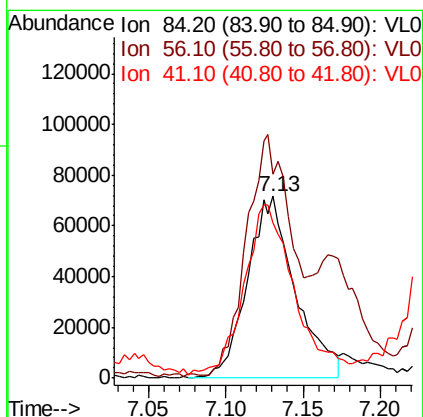
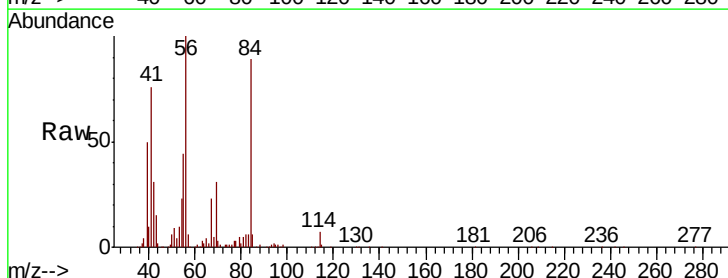
Instrument :
MSVOA_L
ClientSampleId :
FS-SV01

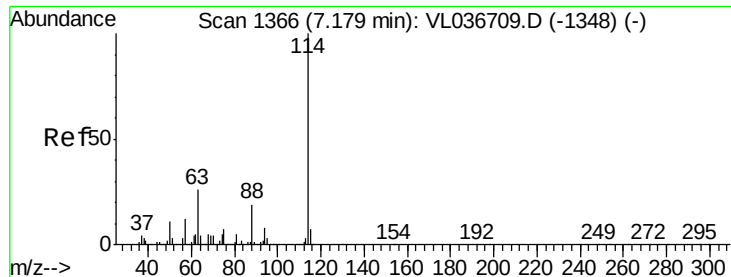
Tot Ion: 83 Resp: 30924
Ion Ratio Lower Upper
83 100
85 55.0 52.6 78.8



#30
Cyclohexane
Concen: 1.356 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.00 min
Lab File: VL036737.D
Acq: 7 Apr 2021 22:02

Tgt Ion: 84 Resp: 154677
Ion Ratio Lower Upper
84 100
56 183.3 114.6 171.8#
41 93.8 75.3 112.9

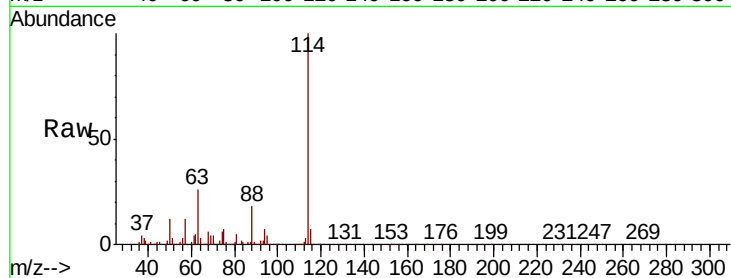




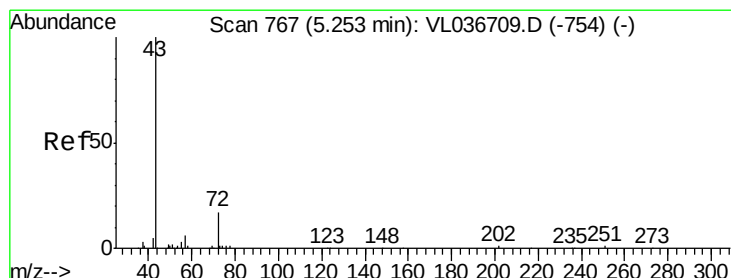
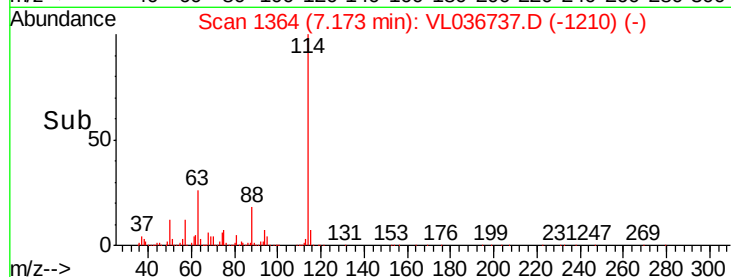
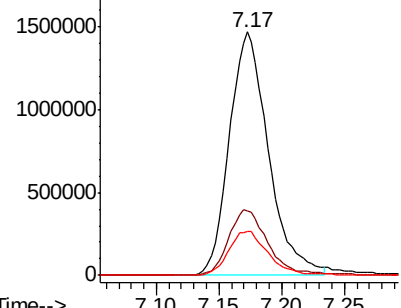
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL036737.D
 Acq: 7 Apr 2021 22:02

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV01

Tot Ion:114 Resp: 3186728
 Ion Ratio Lower Upper
 114 100
 63 27.9 22.4 33.6
 88 18.7 15.4 23.0

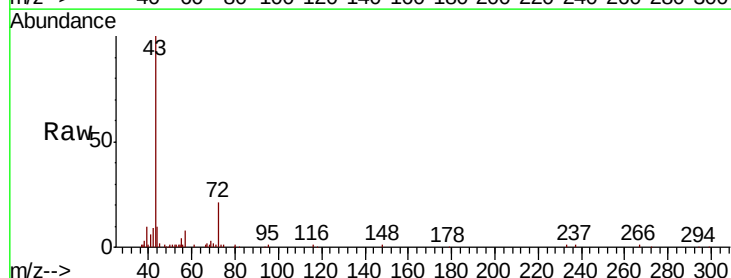


Abundance Ion 114.10 (113.80 to 114.80): VL0
 2000000 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

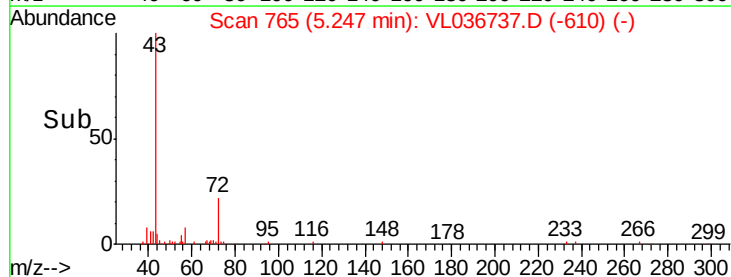
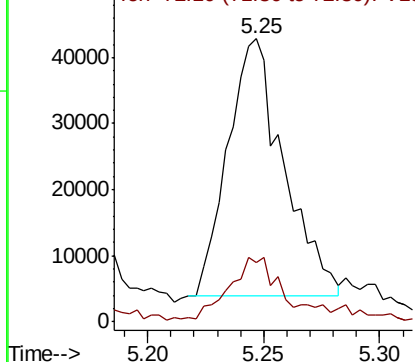


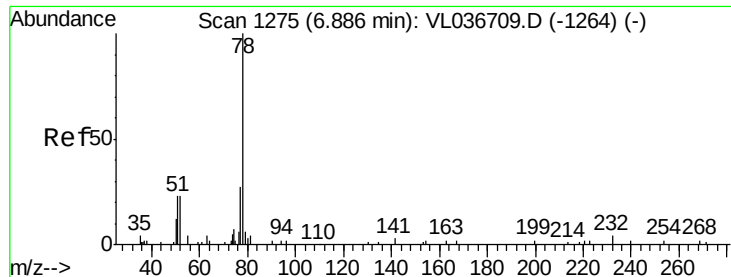
#34
 2-Butanone
 Concen: 0.417 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VL036737.D
 Acq: 7 Apr 2021 22:02

Tgt Ion: 43 Resp: 64849
 Ion Ratio Lower Upper
 43 100
 72 30.2 17.0 25.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 50000 Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 2.591 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Instrument :

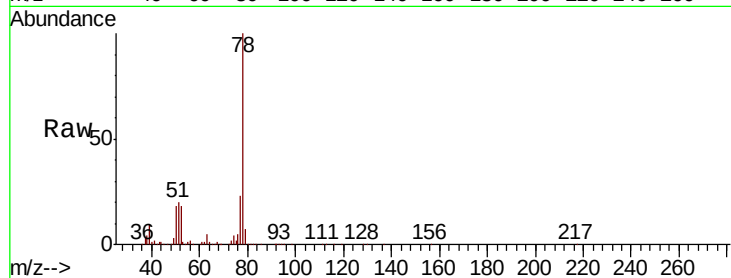
MSVOA_L

ClientSampleId :

FS-SV01

Tot Ion: 78 Resp: 761419

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.0	27.0
50	18.1	16.5	24.7

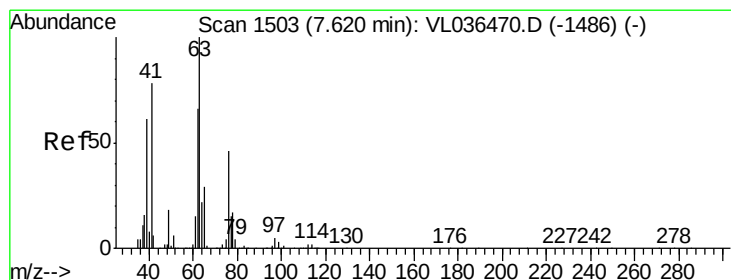
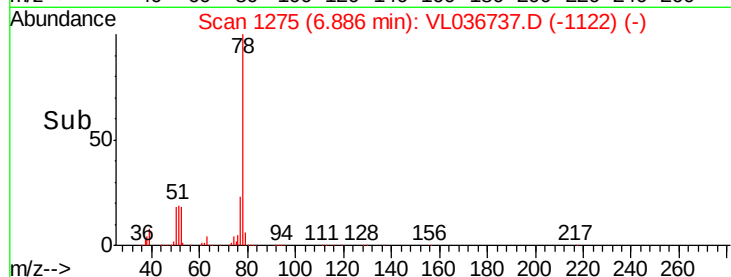
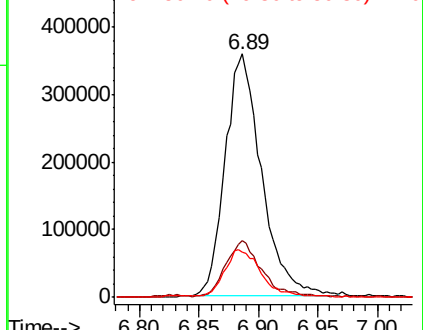


Abundance

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



#39

1,2-Dichloropropane

Concen: 7.216 ppbv

RT: 7.17 min Scan# 1363

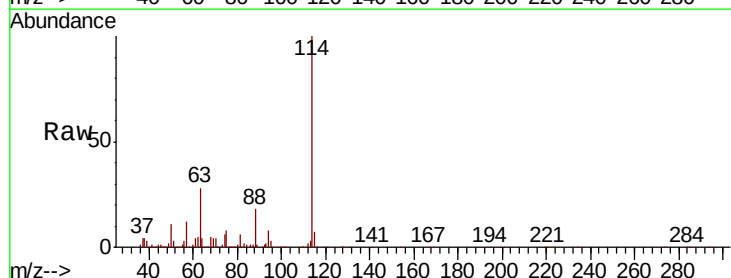
Delta R.T. -0.45 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Tgt Ion: 63 Resp: 860287

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	16.2	52.8	79.2#

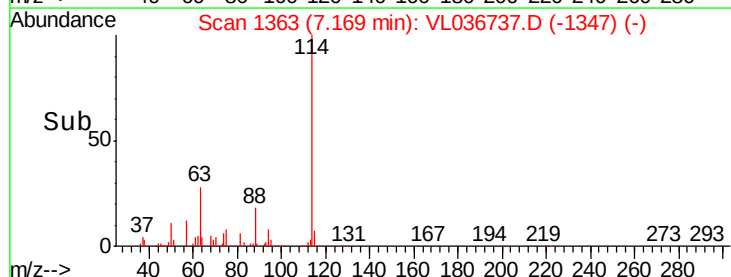
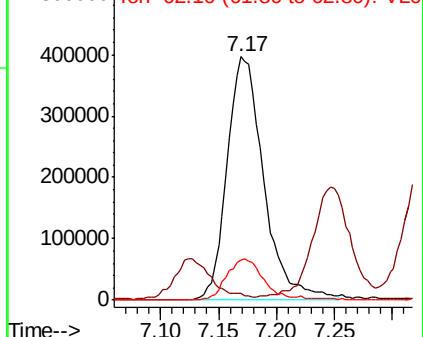


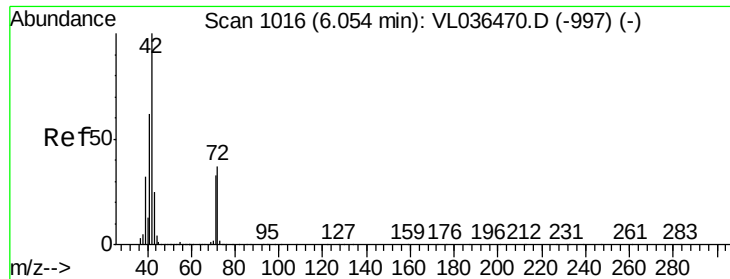
Abundance

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





#41

Tetrahydrofuran

Concen: 0.345 ppbv

RT: 6.06 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Instrument :

MSVOA_L

ClientSampleId :

FS-SV01

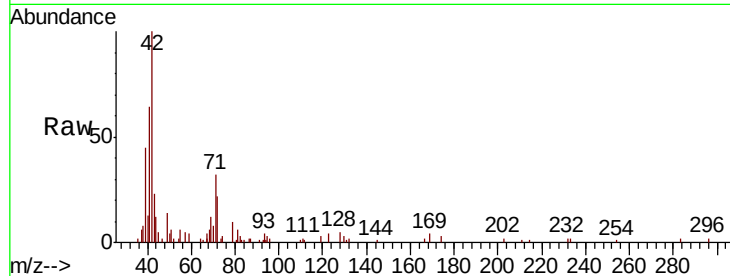
Tot Ion: 42 Resp: 24778

Ion Ratio Lower Upper

42 100

72 50.9 27.6 41.4#

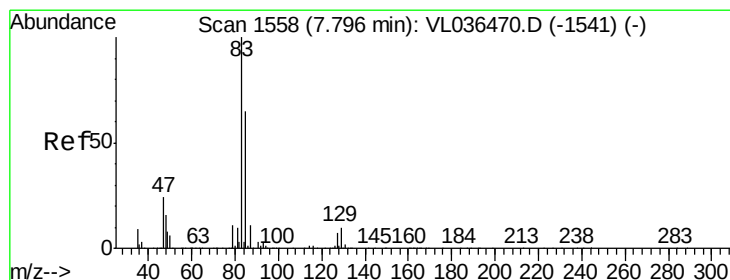
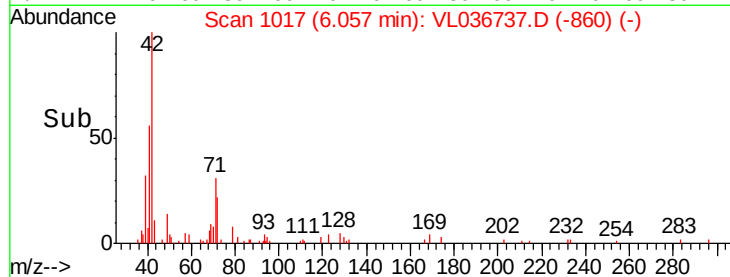
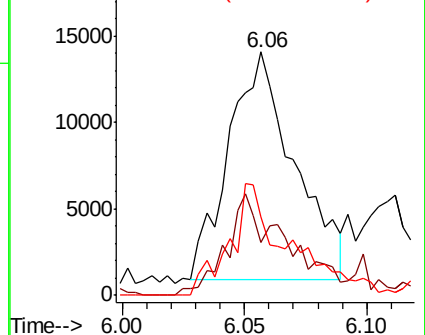
71 44.3 27.0 40.4#



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 0.057 ppbv

RT: 7.79 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

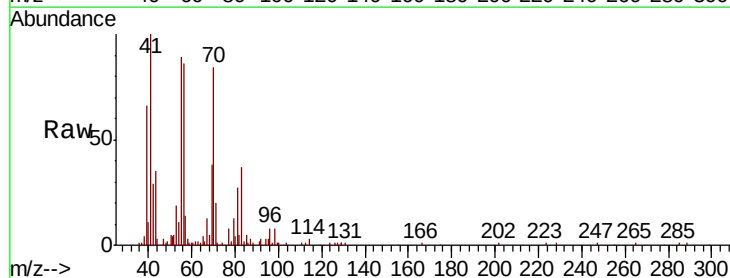
Tgt Ion: 83 Resp: 13454

Ion Ratio Lower Upper

83 100

85 10.4 51.8 77.6#

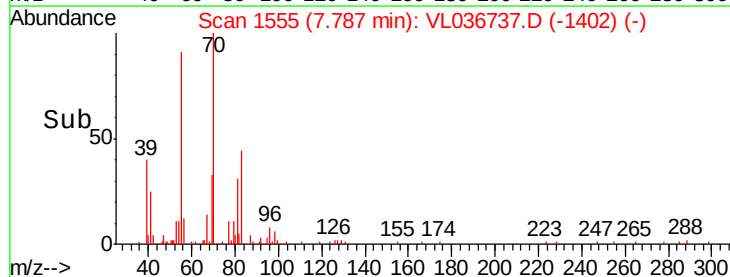
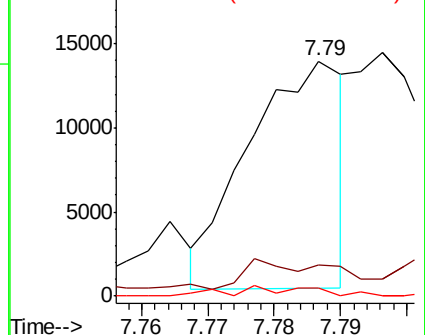
127 4.4 5.8 8.8#

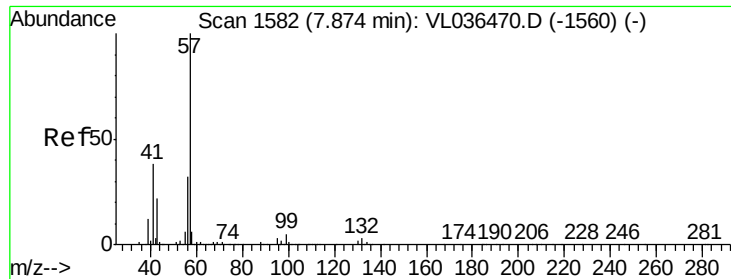


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

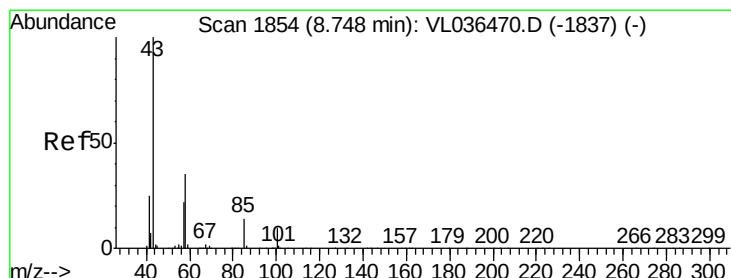
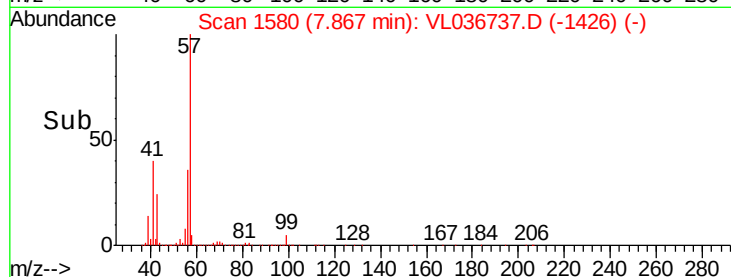
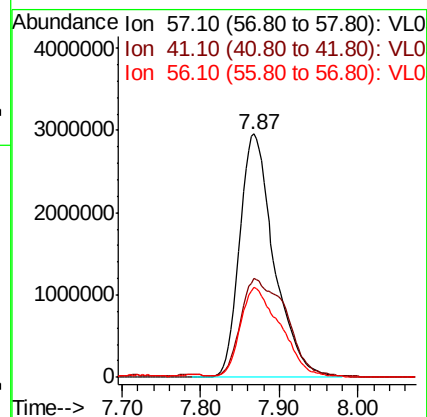
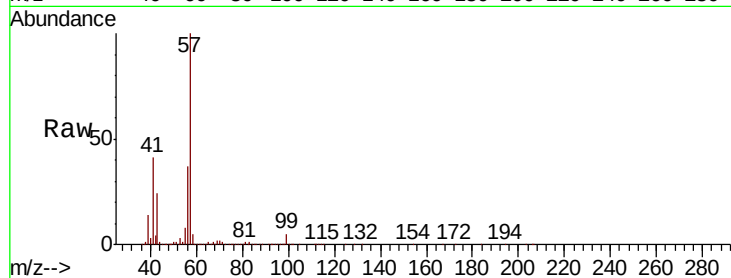




#44
 2,2,4-Trimethylpentane
 Concen: 17.433 ppbv
 RT: 7.87 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: VL036737.D
 Acq: 7 Apr 2021 22:02

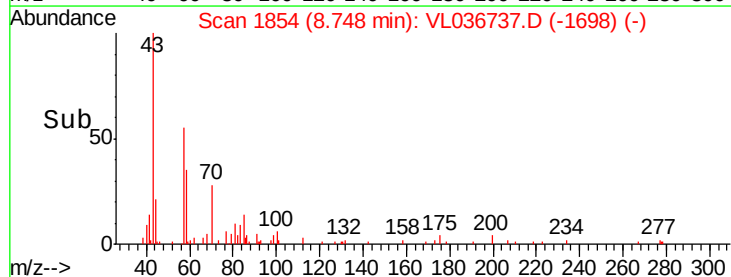
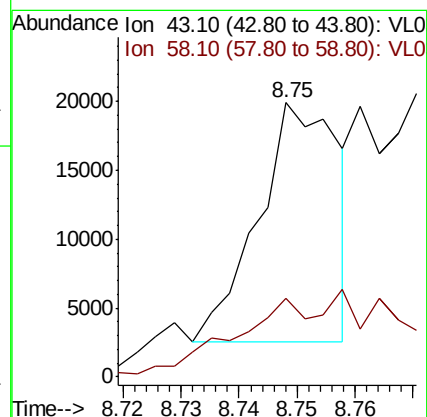
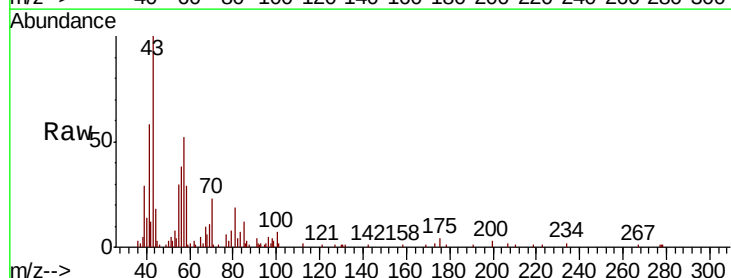
Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV01

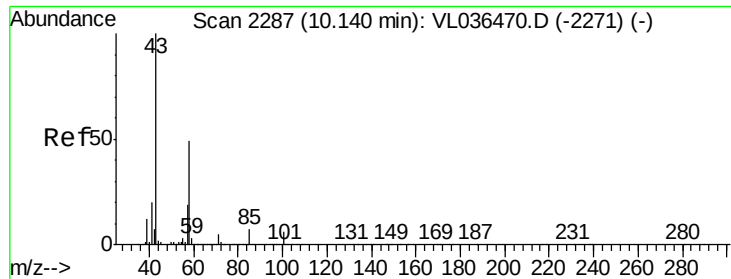
Tot Ion: 57 Resp: 9017336
 Ion Ratio Lower Upper
 57 100
 41 54.2 28.8 43.2#
 56 43.7 26.1 39.1#



#50
 4-Methyl-2-Pentanone
 Concen: 0.074 ppbv
 RT: 8.75 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VL036737.D
 Acq: 7 Apr 2021 22:02

Tgt Ion: 43 Resp: 16698
 Ion Ratio Lower Upper
 43 100
 58 95.1 28.2 42.2#

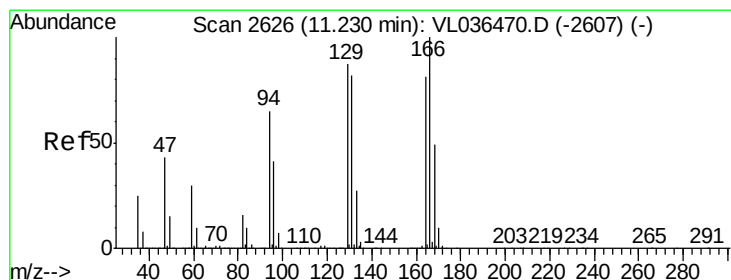
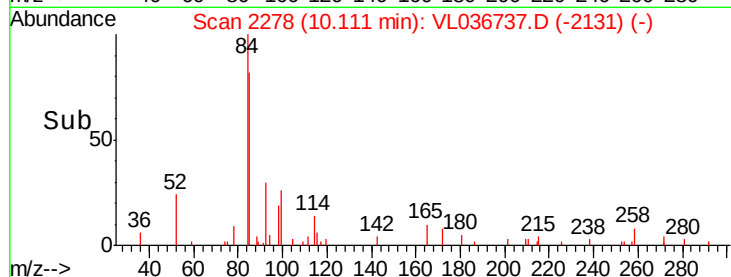
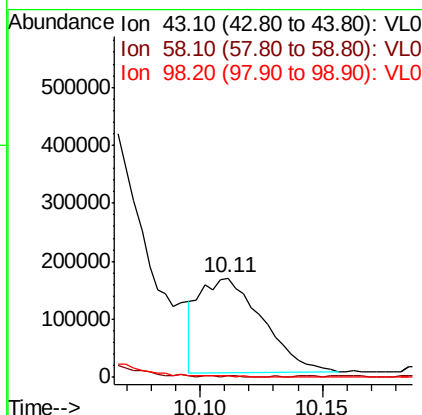
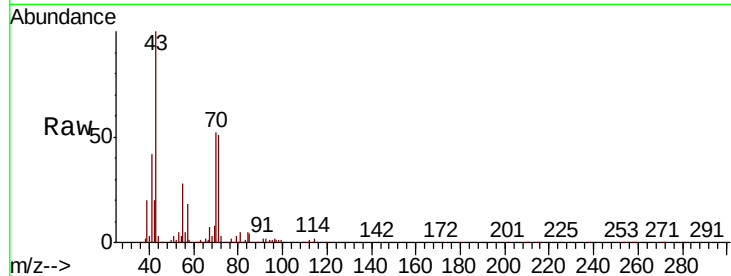




#51
2-Hexanone
Concen: 2.563 ppbv
RT: 10.11 min Scan# 2278
Delta R.T. -0.03 min
Lab File: VL036737.D
Acq: 7 Apr 2021 22:02

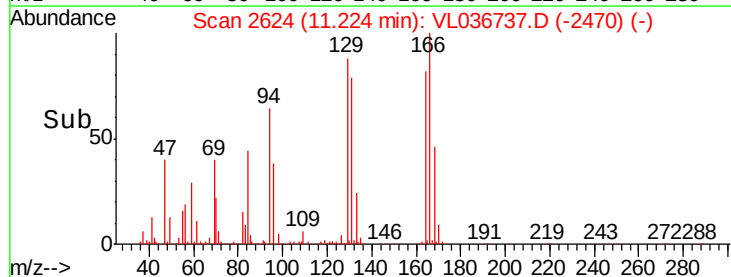
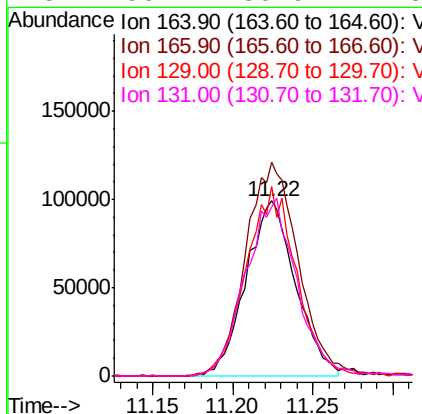
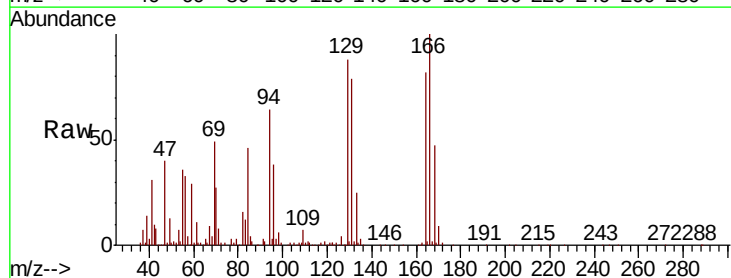
Instrument :
MSVOA_L
ClientSampleId :
FS-SV01

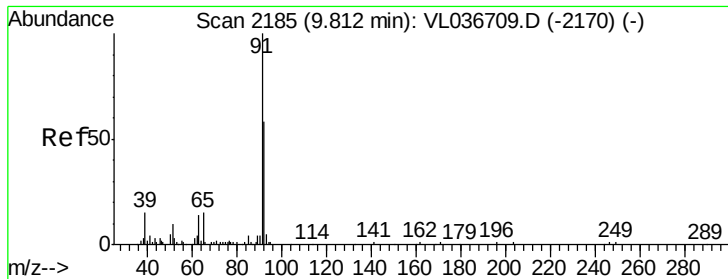
Tot Ion: 43 Resp: 291100
Ion Ratio Lower Upper
43 100
58 1.5 37.7 56.5#
98 0.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 1.953 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL036737.D
Acq: 7 Apr 2021 22:02

Tgt Ion: 164 Resp: 211364
Ion Ratio Lower Upper
164 100
166 121.9 98.3 147.5
129 107.5 85.8 128.8
131 95.4 80.9 121.3





#53

Toluene

Concen: 13.368 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. -0.01 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Instrument :

MSVOA_L

ClientSampleId :

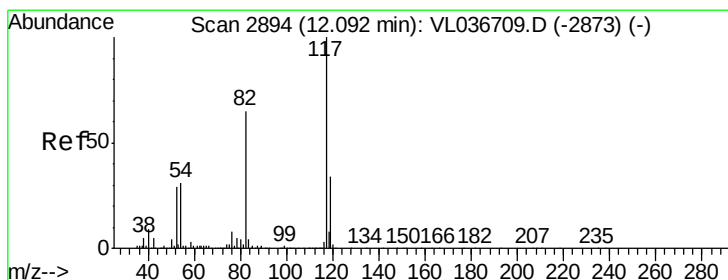
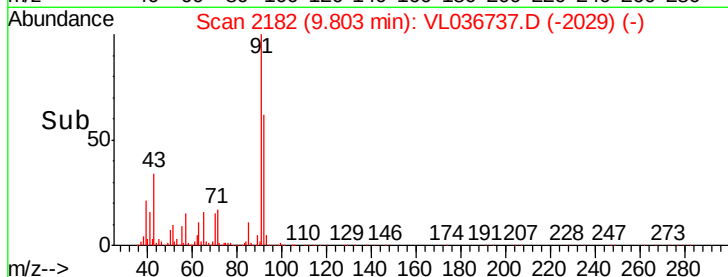
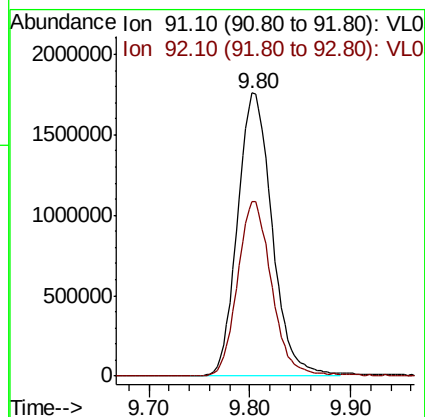
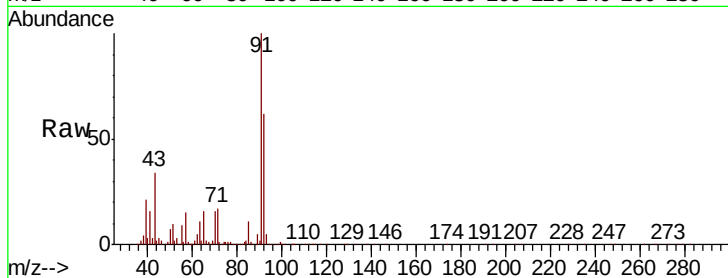
FS-SV01

Tot Ion: 91 Resp: 4183901

Ion Ratio Lower Upper

91 100

92 61.2 48.8 73.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. -0.01 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

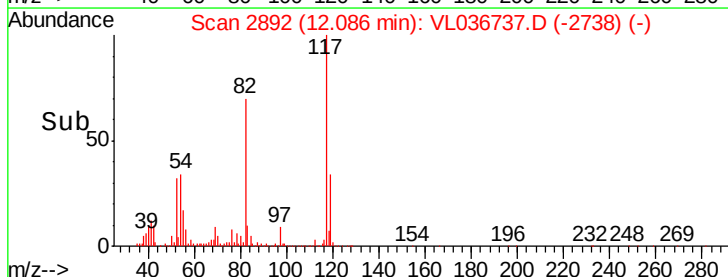
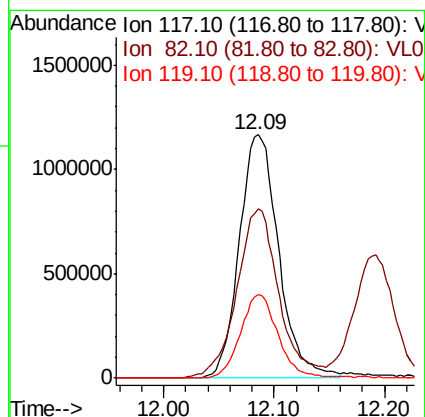
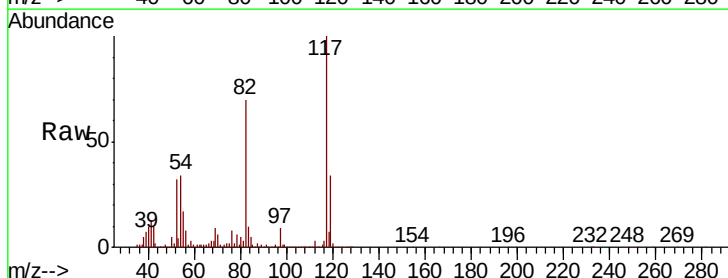
Tgt Ion: 117 Resp: 2887836

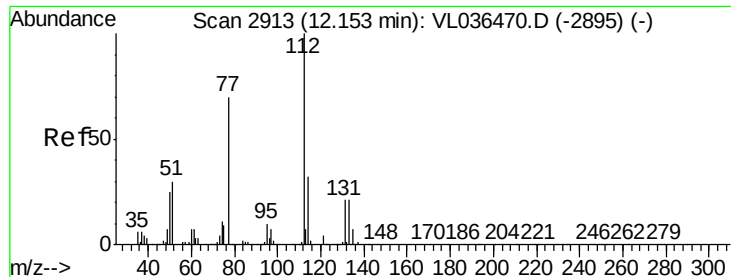
Ion Ratio Lower Upper

117 100

82 73.6 57.4 86.0

119 33.3 47.4 71.0#





#57

Chlorobenzene

Concen: 0.773 ppbv

RT: 12.15 min Scan# 2911

Delta R.T. -0.01 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Instrument :

MSVOA_L

ClientSampleId :

FS-SV01

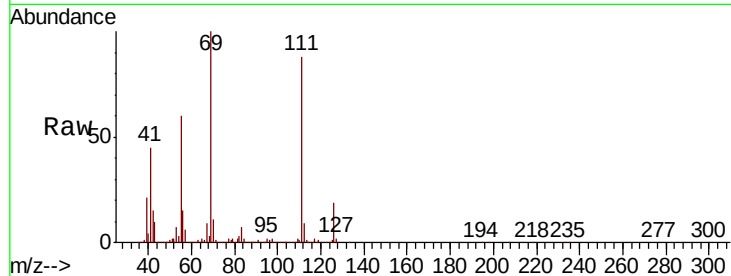
Tot Ion: 112 Resp: 189905

Ion Ratio Lower Upper

112 100

77 20.9 56.0 84.0#

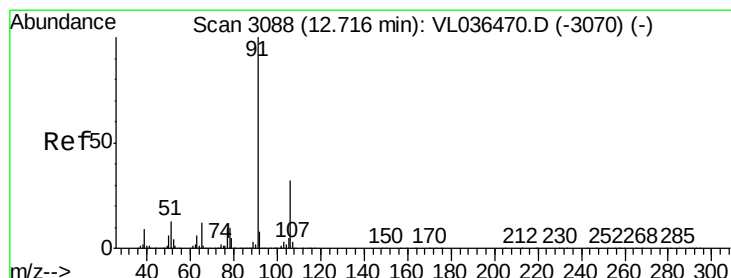
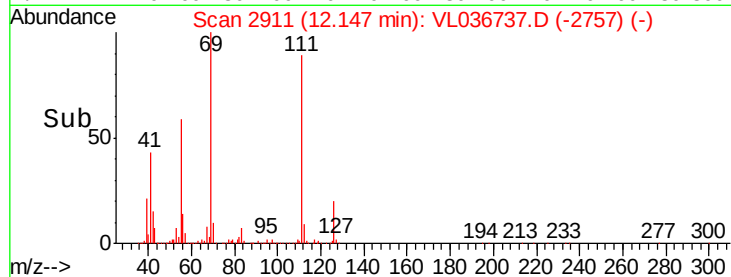
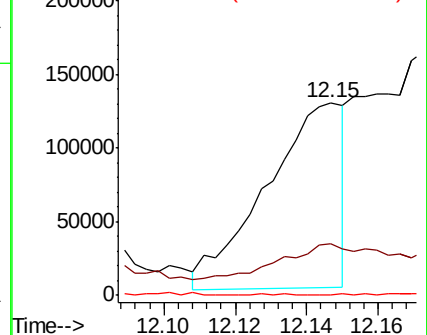
114 0.0 29.0 35.4#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 1.389 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. -0.01 min

Lab File: VL036737.D

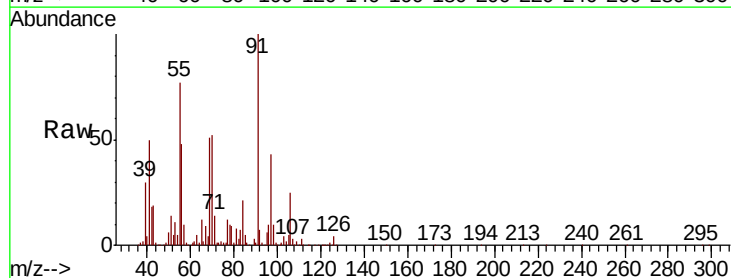
Acq: 7 Apr 2021 22:02

Tgt Ion: 91 Resp: 583765

Ion Ratio Lower Upper

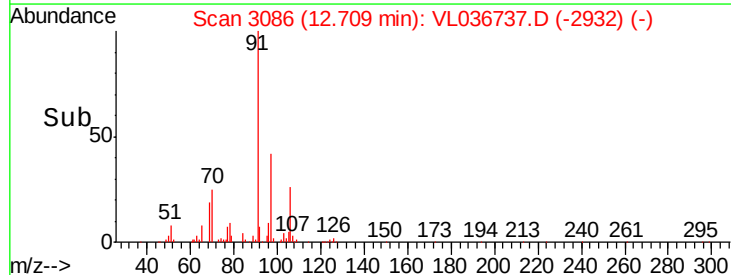
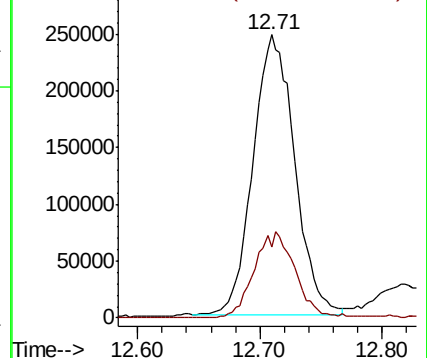
91 100

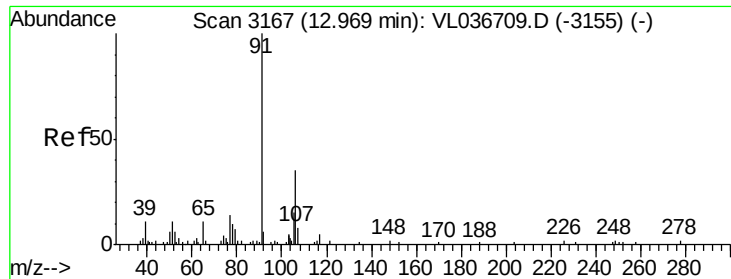
106 25.4 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 5.813 ppbv

RT: 12.97 min Scan# 3167

Delta R.T. -0.03 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Instrument :

MSVOA_L

ClientSampleId :

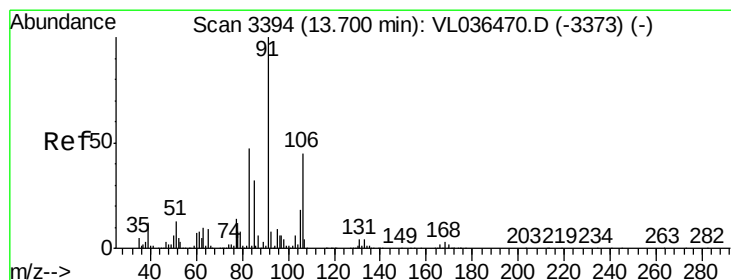
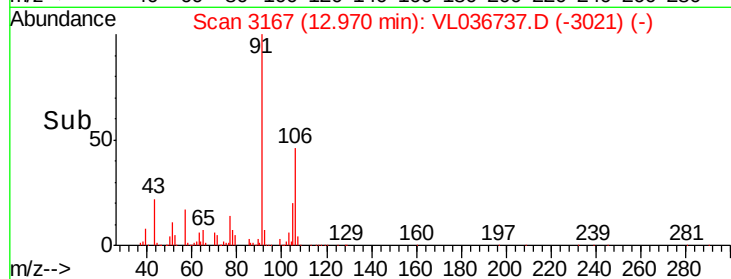
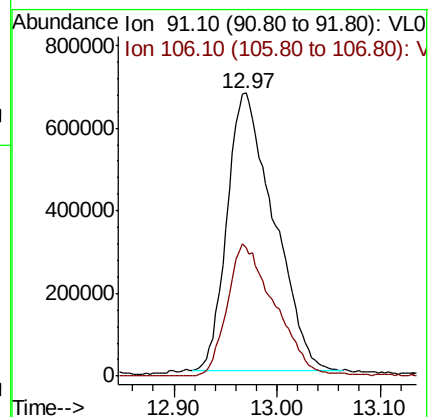
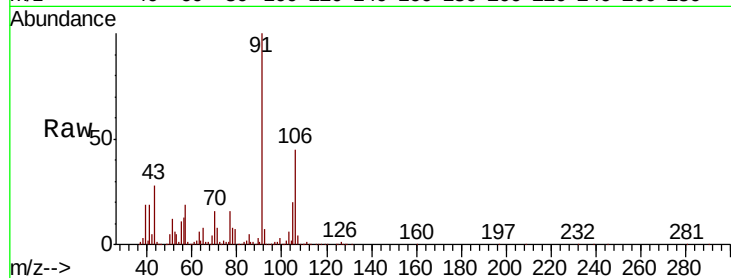
FS-SV01

Tot Ion: 91 Resp: 2130317

Ion Ratio Lower Upper

91 100

106 48.7 35.3 52.9



#60

o-Xylene

Concen: 2.893 ppbv

RT: 13.70 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VL036737.D

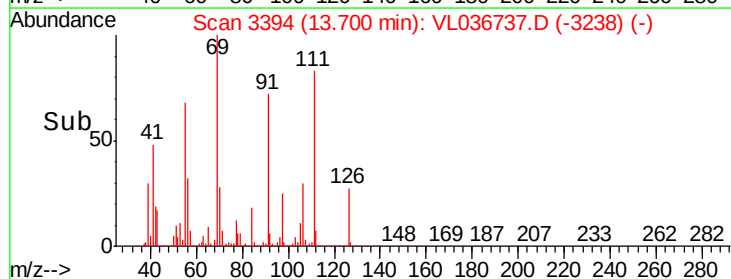
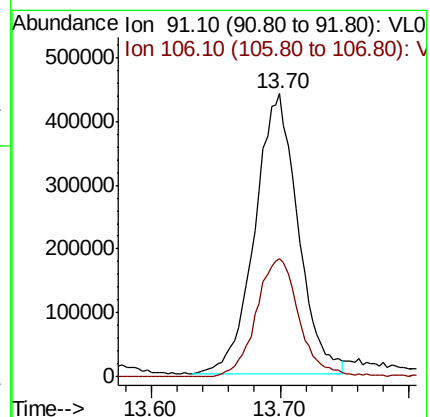
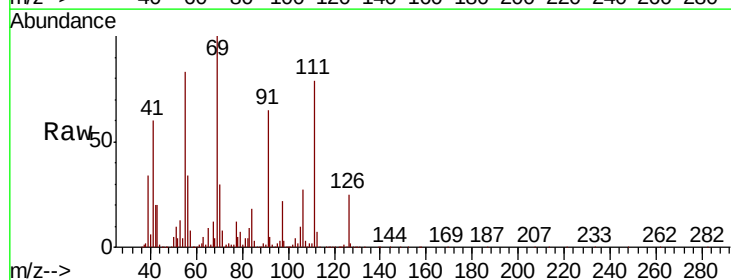
Acq: 7 Apr 2021 22:02

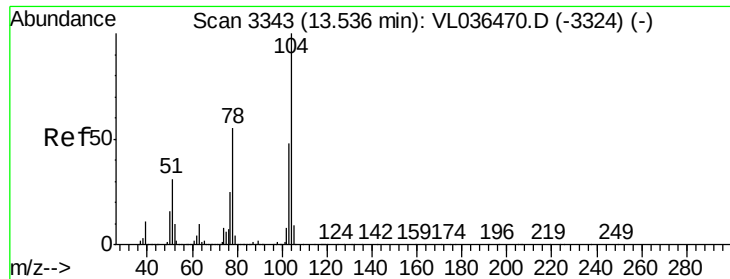
Tgt Ion: 91 Resp: 1025104

Ion Ratio Lower Upper

91 100

106 42.2 22.3 66.9

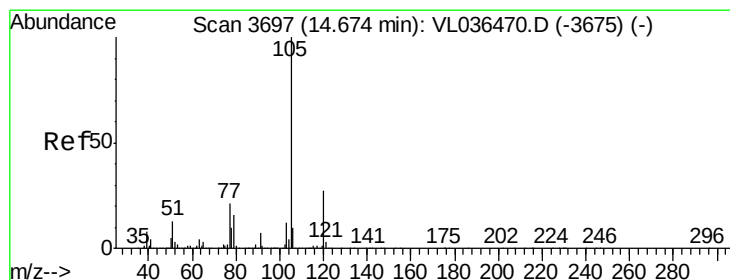
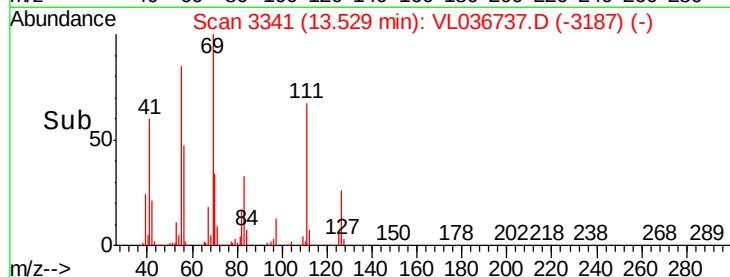
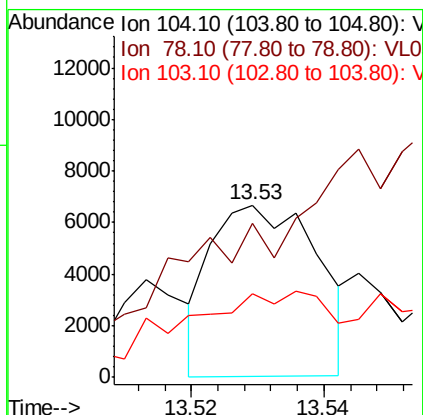
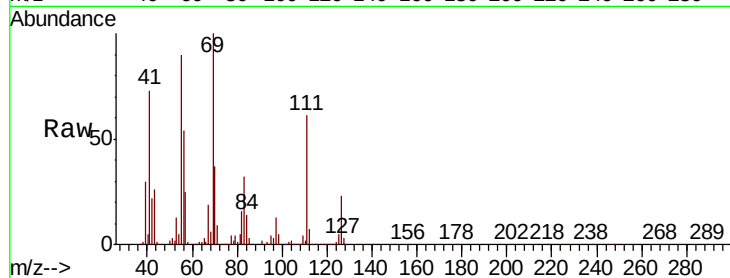




#61
Stvrene
Concen: 0.042 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL036737.D
Acq: 7 Apr 2021 22:02

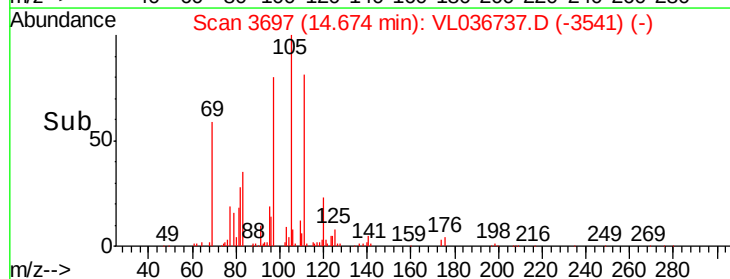
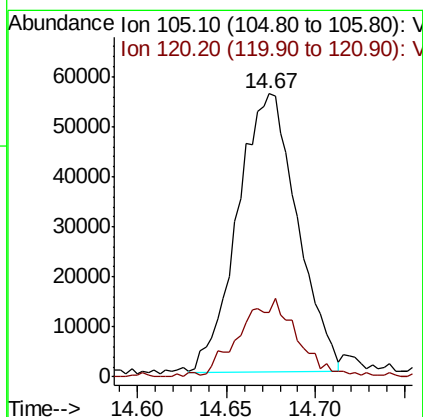
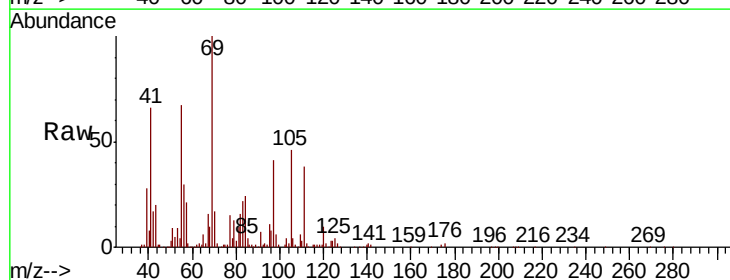
Instrument :
MSVOA_L
ClientSampleId :
FS-SV01

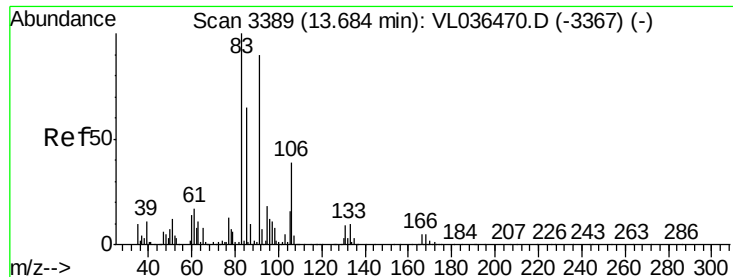
Tot Ion:104 Resp: 7418
Ion Ratio Lower Upper
104 100
78 0.0 43.8 65.8#
103 165.6 38.3 57.5#



#62
Isopropylbenzene
Concen: 0.272 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VL036737.D
Acq: 7 Apr 2021 22:02

Tgt Ion:105 Resp: 129740
Ion Ratio Lower Upper
105 100
120 26.8 20.6 31.0

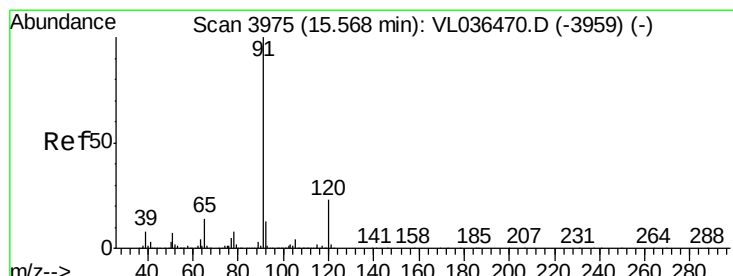
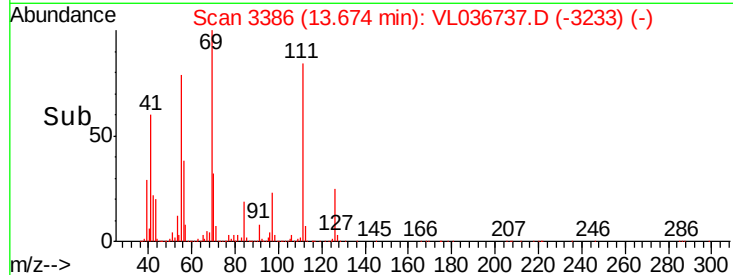
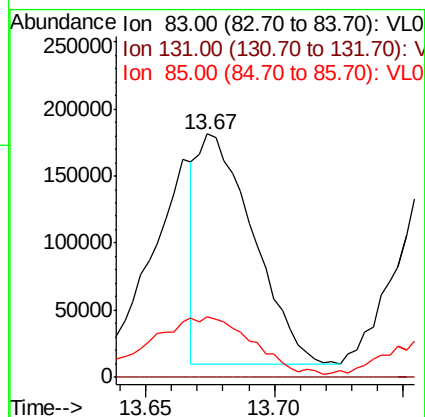
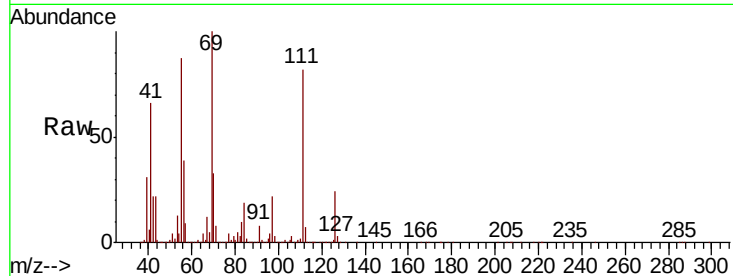




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.950 ppbv
 RT: 13.67 min Scan# 3386
 Delta R.T. -0.01 min
 Lab File: VL036737.D
 Acq: 7 Apr 2021 22:02

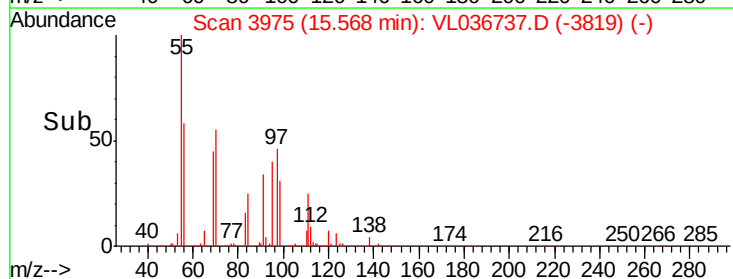
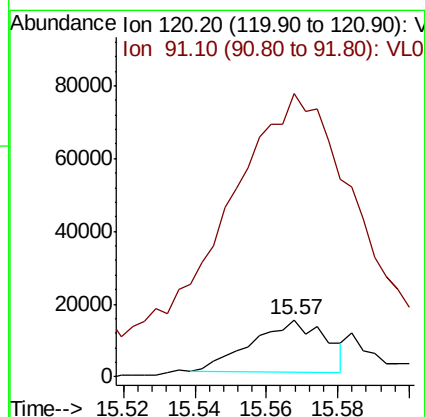
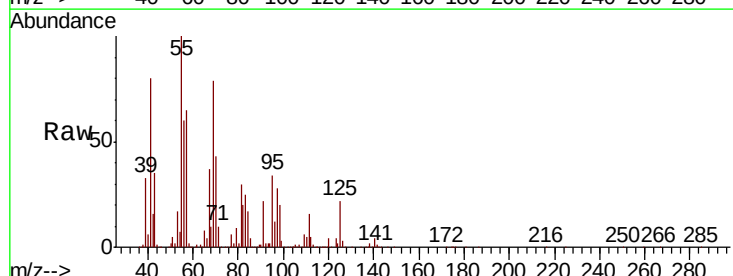
Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV01

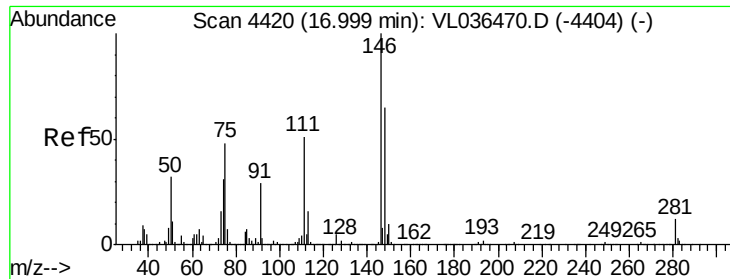
Tot Ion: 83 Resp: 256740
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.7 14.0#
 85 39.5 33.1 99.3



#64
 n-propylbenzene
 Concen: 0.179 ppbv
 RT: 15.57 min Scan# 3975
 Delta R.T. 0.00 min
 Lab File: VL036737.D
 Acq: 7 Apr 2021 22:02

Tgt Ion: 120 Resp: 20921
 Ion Ratio Lower Upper
 120 100
 91 898.5 377.4 566.2#

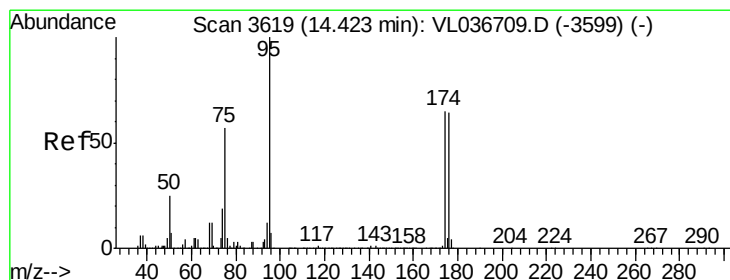
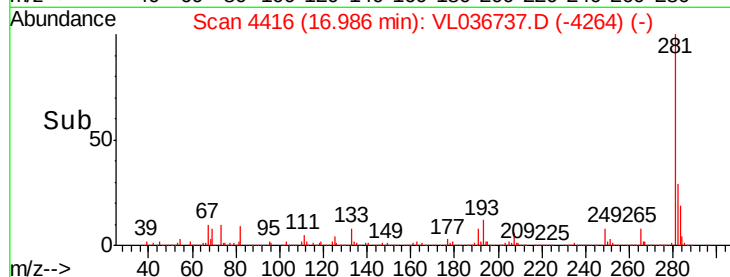
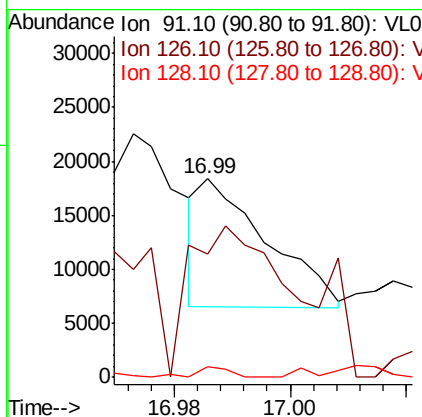
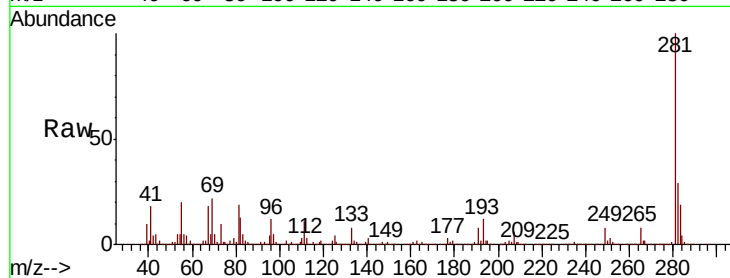




#66
Benzyl Chloride
Concen: 0.209 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. -0.01 min
Lab File: VL036737.D
Acq: 7 Apr 2021 22:02

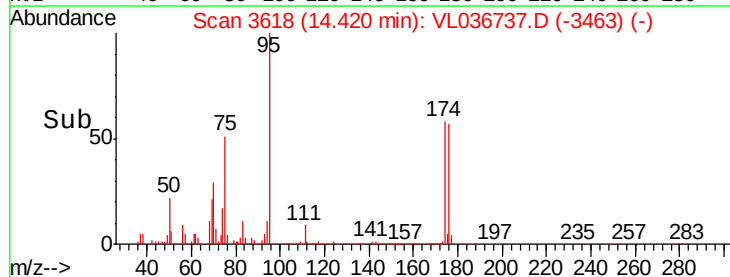
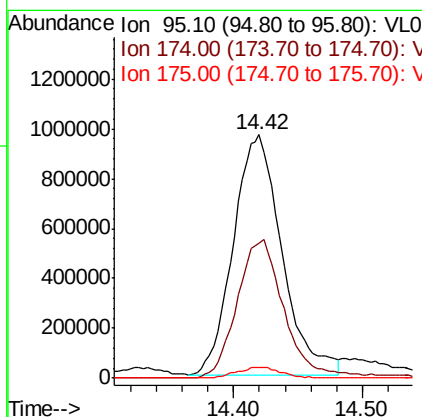
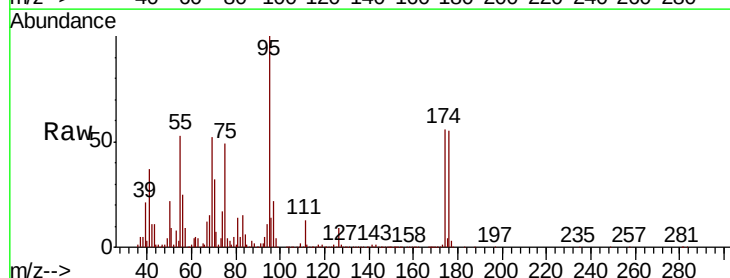
Instrument :
MSVOA_L
ClientSampled :
FS-SV01

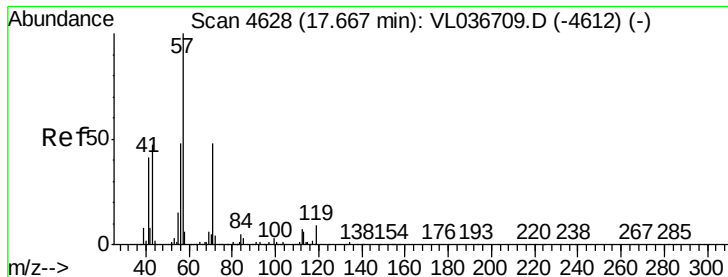
Tot Ion: 91 Resp: 9538
Ion Ratio Lower Upper
91 100
126 364.0 13.5 20.3#
128 0.0 4.2 6.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.937 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.00 min
Lab File: VL036737.D
Acq: 7 Apr 2021 22:02

Tgt Ion: 95 Resp: 2517177
Ion Ratio Lower Upper
95 100
174 58.5 51.0 76.6
175 4.2 3.9 5.9





#69

p-Isopropyltoluene

Concen: 0.094 ppbv

RT: 17.65 min Scan# 4624

Delta R.T. -0.01 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Instrument :

MSVOA_L

ClientSampleId :

FS-SV01

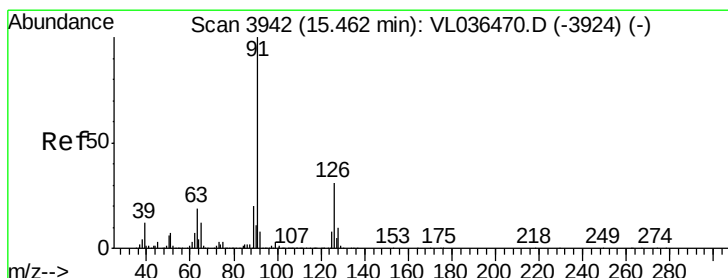
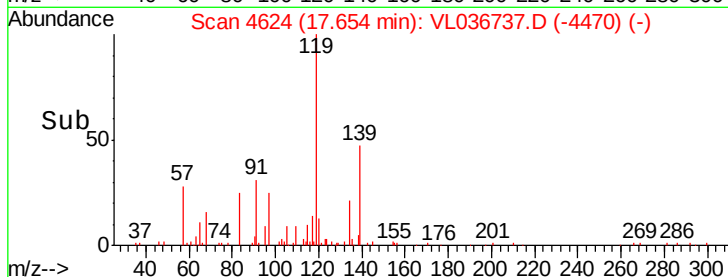
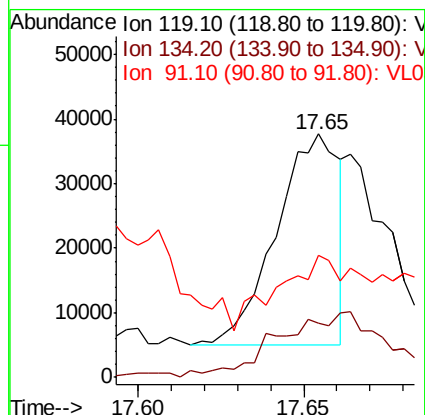
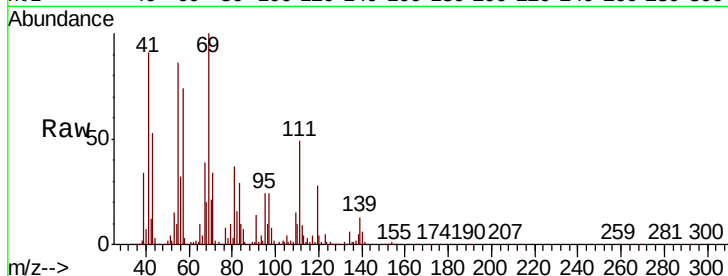
Tot Ion:119 Resp: 42871

Ion Ratio Lower Upper

119 100

134 0.0 20.6 30.8#

91 139.9 25.0 37.6#



#71

2-Chlorotoluene

Concen: 0.419 ppbv

RT: 15.78 min Scan# 4040

Delta R.T. 0.32 min

Lab File: VL036737.D

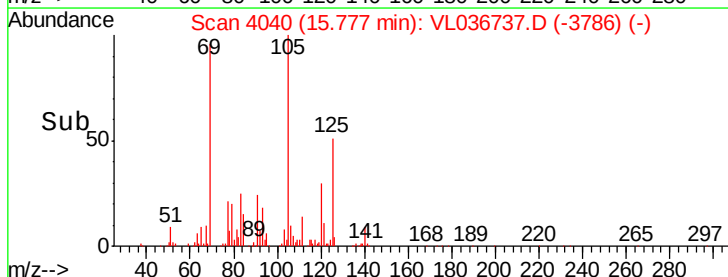
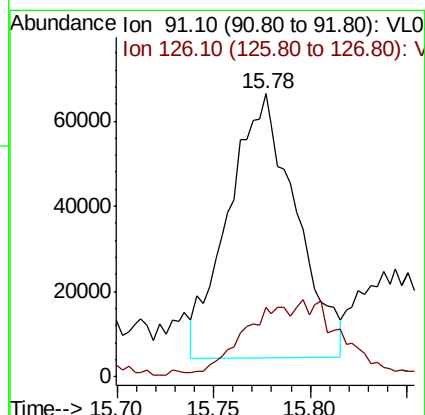
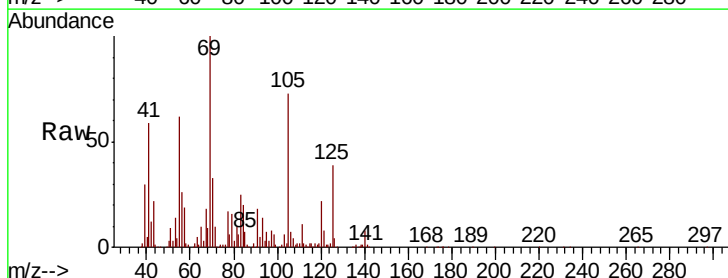
Acq: 7 Apr 2021 22:02

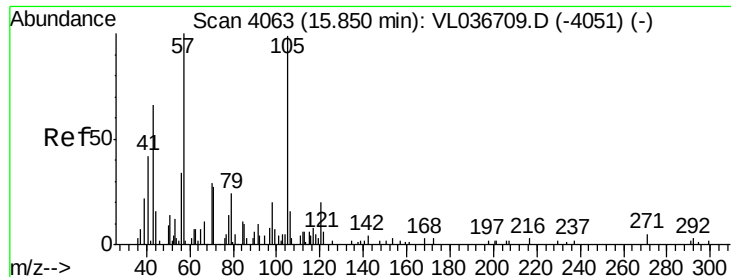
Tgt Ion: 91 Resp: 149746

Ion Ratio Lower Upper

91 100

126 38.7 12.1 48.5

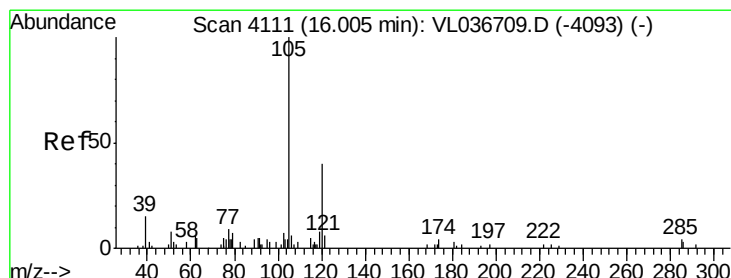
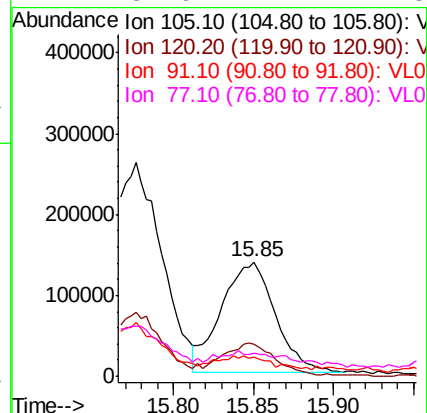
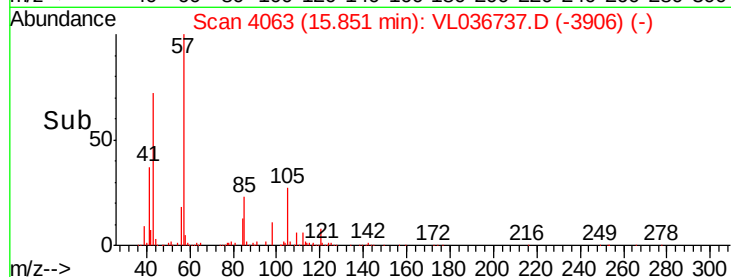
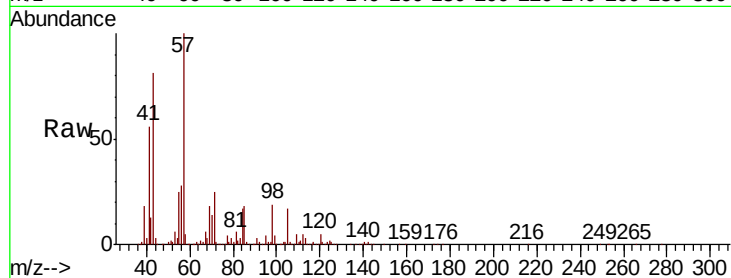




#72
 4-Ethyltoluene
 Concen: 0.813 ppbv
 RT: 15.85 min Scan# 4063
 Delta R.T. 0.00 min
 Lab File: VL036737.D
 Acq: 7 Apr 2021 22:02

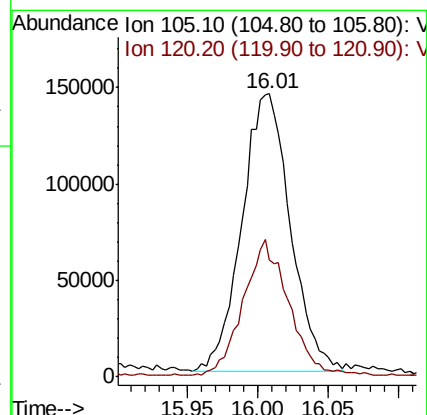
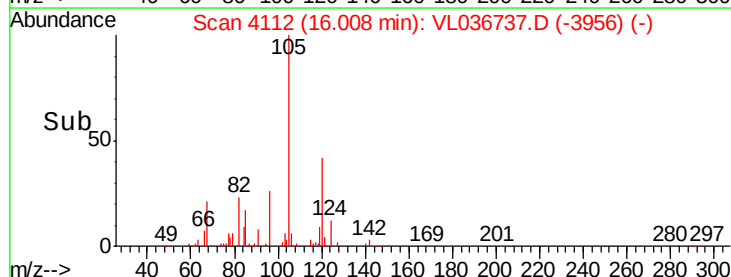
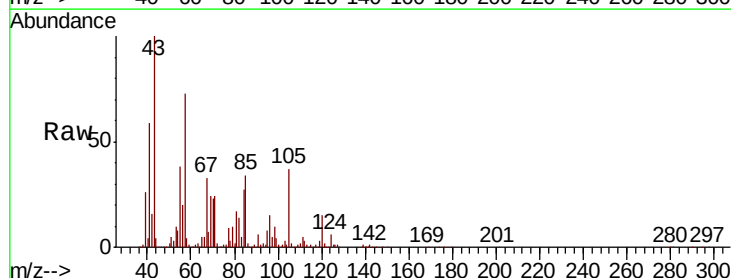
Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV01

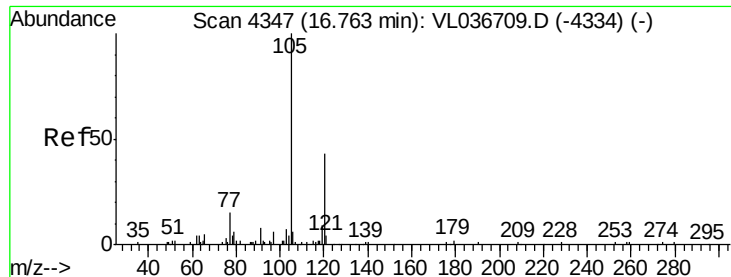
Tot Ion	Ratio	Lower	Upper
105	100		
120	31.8	24.0	36.0
91	22.4	11.0	16.4
77	32.9	11.7	17.5



#73
 1,3,5-Trimethylbenzene
 Concen: 0.956 ppbv
 RT: 16.01 min Scan# 4112
 Delta R.T. 0.00 min
 Lab File: VL036737.D
 Acq: 7 Apr 2021 22:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.9	36.6	54.8





#74

1,2,4-Trimethylbenzene

Concen: 0.997 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.00 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

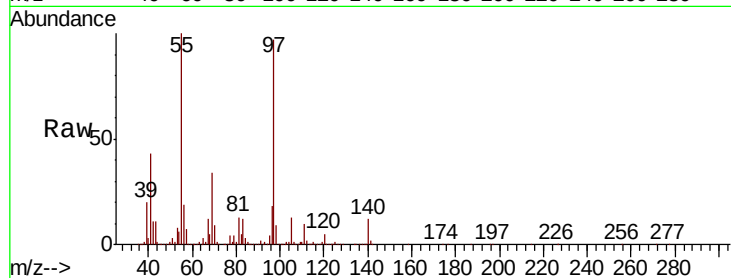
Instrument :

MSVOA_L

ClientSampleId :

FS-SV01

Tot Ion:	105	Resp:	386547
Ion	Ratio	Lower	Upper
105	100		
120	43.4	39.2	58.8
91	12.6	42.6	64.0#
77	25.8	18.6	28.0

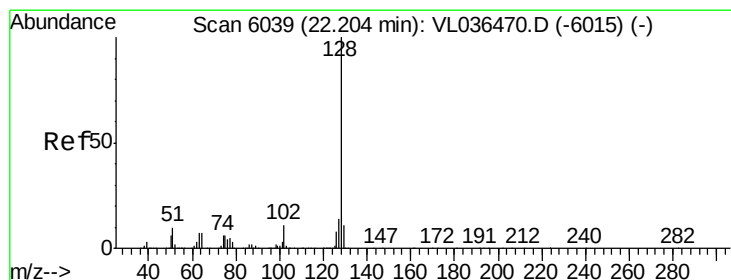
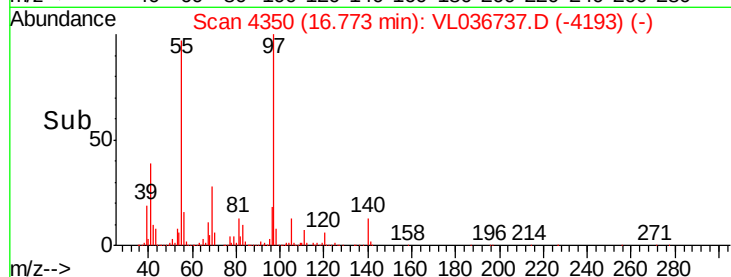
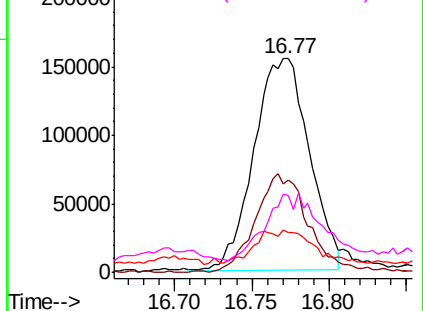


Abundance Ion 105.10 (104.80 to 105.80): V

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



#79

Naphthalene

Concen: 0.199 ppbv

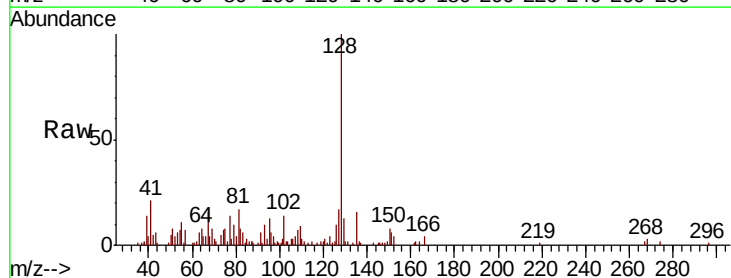
RT: 22.20 min Scan# 6038

Delta R.T. -0.00 min

Lab File: VL036737.D

Acq: 7 Apr 2021 22:02

Tgt Ion:	128	Resp:	45043
Ion	Ratio	Lower	Upper
128	100		
127	17.2	10.9	16.3#
129	11.3	9.0	13.4



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V

