

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036487.D
 Acq On : 25 Mar 2021 15:34
 Operator :
 Sample : M1801-03 4X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 26 03:50:52 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	5.66	49	1509210	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3738303	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3414720	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2730394	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds

					Ovalue
3) Chlorodifluoromethane	2.98	51	35956	0.128 ppbv	# 86
4) Chloromethane	3.14	50	2364	0.024 ppbv	# 54
7) Chloroethane	3.55	64	1150	0.033 ppbv	# 49
9) Propene	3.02	41	26394	0.294 ppbv	# 27
10) Heptane	8.12	43	68527	0.299 ppbv	# 28
11) Trichlorofluoromethane	3.95	101	7777	0.031 ppbv	# 91
13) Ethanol	3.60	45	42234	3.945 ppbv	# 74
15) Acetone	3.85	43	901776	6.071 ppbv	# 97
16) 1,3-Butadiene	3.32	39	2157	0.021 ppbv	# 13
19) Isopropyl Alcohol	3.98	45	8268	0.101 ppbv	# 89
20) Methylene Chloride	4.34	84	129364	1.860 ppbv	# 95
23) Vinyl Acetate	5.07	43	8147	0.032 ppbv	# 88
25) Ethyl Acetate	5.68	43	670972	1.900 ppbv	# 78
26) Hexane	5.68	57	915847	5.588 ppbv	# 47
29) Chloroform	5.74	83	64712	0.247 ppbv	# 82
34) 2-Butanone	5.25	43	173218	0.949 ppbv	# 89
36) Benzene	6.89	78	21350	0.062 ppbv	# 90
39) 1,2-Dichloropropane	7.17	63	987989	7.064 ppbv	# 23
41) Tetrahydrofuran	6.07	42	4141	0.049 ppbv	# 1
50) 4-Methyl-2-Pentanone	8.74	43	19500	0.074 ppbv	# 32
51) 2-Hexanone	10.13	43	355792	2.670 ppbv	# 86
52) Tetrachloroethene	11.22	164	95499	0.752 ppbv	# 97
53) Toluene	9.80	91	574303	1.564 ppbv	# 98
57) Chlorobenzene	12.15	112	143093	0.492 ppbv	# 26
58) Ethyl Benzene	12.71	91	779365	1.569 ppbv	# 98
59) m/p-Xylene	12.97	91	1579816	3.646 ppbv	# 93
60) o-Xylene	13.70	91	342319	0.817 ppbv	# 39
61) Styrene	13.53	104	7210	0.034 ppbv	# 1
62) Isopropylbenzene	14.67	105	295420	0.524 ppbv	# 100
63) 1,1,2,2-Tetrachloroethane	13.67	83	348063	1.089 ppbv	# 51
64) n-propylbenzene	15.57	120	67141	0.487 ppbv	# 1
65) tert-Butylbenzene	16.76	119	52407	0.107 ppbv	# 19
66) Benzyl Chloride	16.99	91	1641	0.030 ppbv	# 66
67) sec-Butylbenzene	17.30	105	293512	0.425 ppbv	# 99
69) p-Isopropyltoluene	17.65	119	33656	0.062 ppbv	# 1
70) n-Butylbenzene	18.55	91	17445	0.031 ppbv	# 33
71) 2-Chlorotoluene	15.79	91	152334	0.360 ppbv	# 89
72) 4-Ethyltoluene	15.85	105	459389	1.001 ppbv	# 95
73) 1,3,5-Trimethylbenzene	16.00	105	370867	0.866 ppbv	# 95
74) 1,2,4-Trimethylbenzene	16.77	105	911428	1.988 ppbv	# 69
79) Naphthalene	22.20	128	6143	0.023 ppbv	# 86

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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 26 03:50:52 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)
80) Naphthalene,2-methyl-	25.00	142	1874	0.036	ppbv	# 68

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 15:34

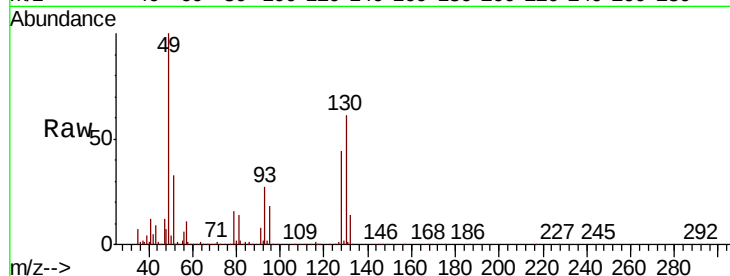
Tot Ion: 49 Resp: 1509210

Ion Ratio Lower Upper

49 100

128 46.7 23.5 70.6

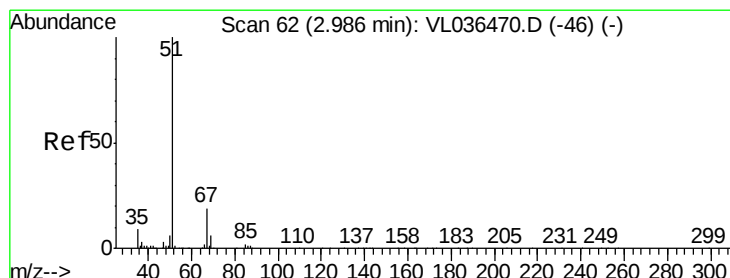
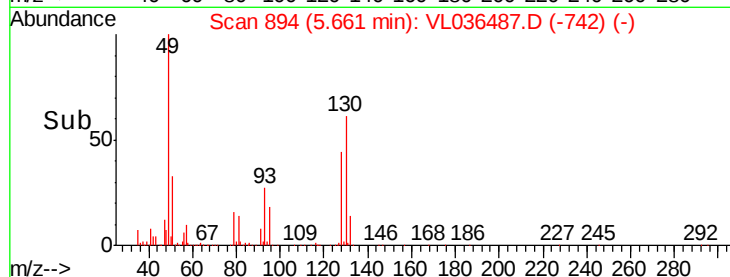
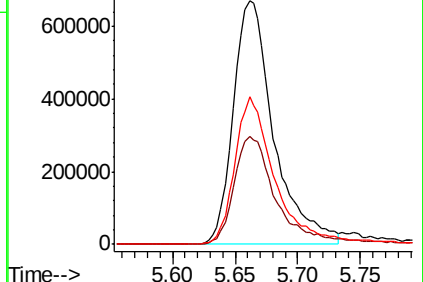
130 61.3 29.1 87.4



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



#3

Chlorodifluoromethane

Concen: 0.128 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.01 min

Lab File: VL036487.D

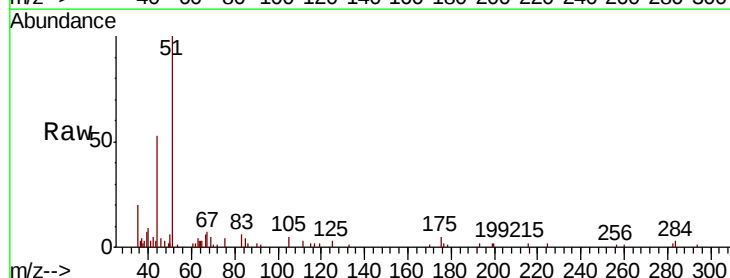
Acq: 25 Mar 2021 15:34

Tgt Ion: 51 Resp: 35956

Ion Ratio Lower Upper

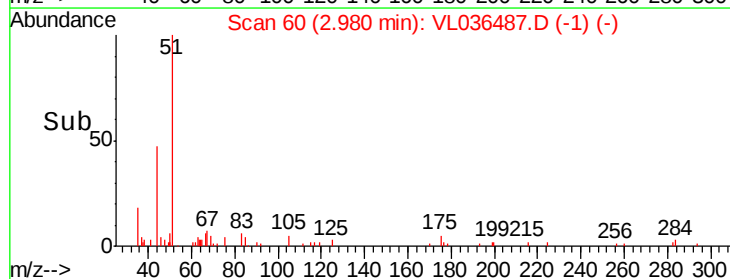
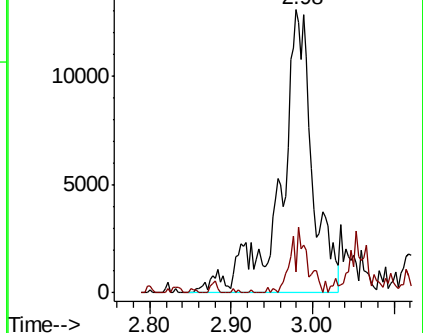
51 100

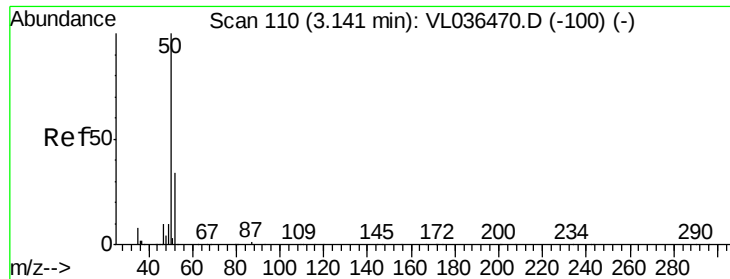
67 12.1 14.7 22.1#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.024 ppbv

RT: 3.14 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

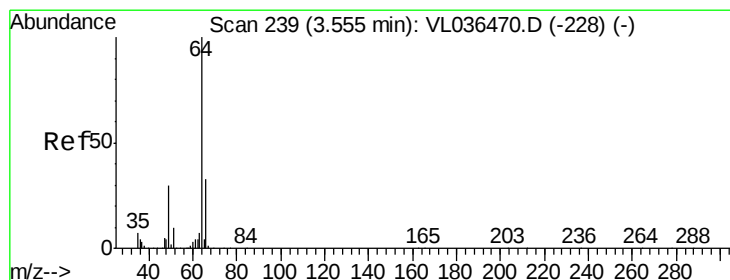
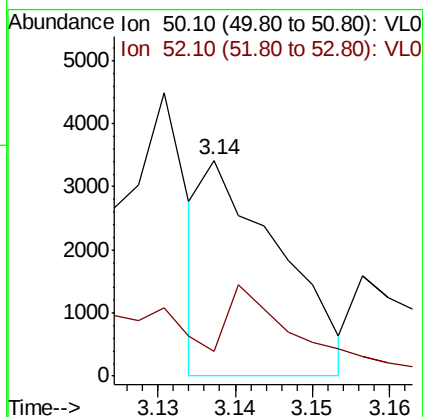
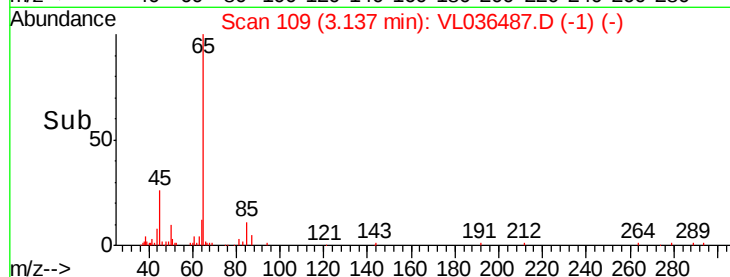
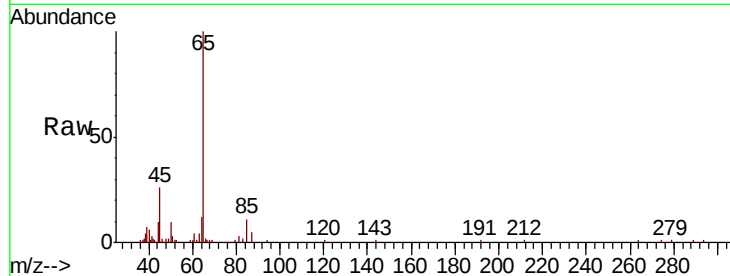
Acq: 25 Mar 2021 15:34

Tot Ion: 50 Resp: 2364

Ion Ratio Lower Upper

50 100

52 7.4 27.0 40.6#



#7

Chloroethane

Concen: 0.033 ppbv

RT: 3.55 min Scan# 238

Delta R.T. -0.00 min

Lab File: VL036487.D

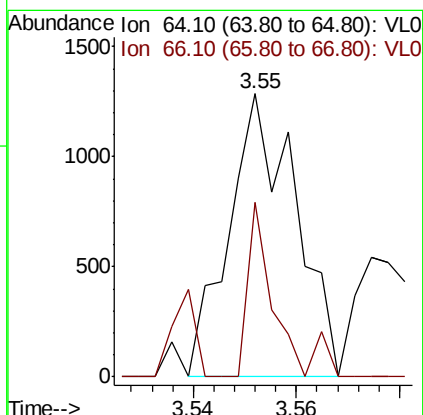
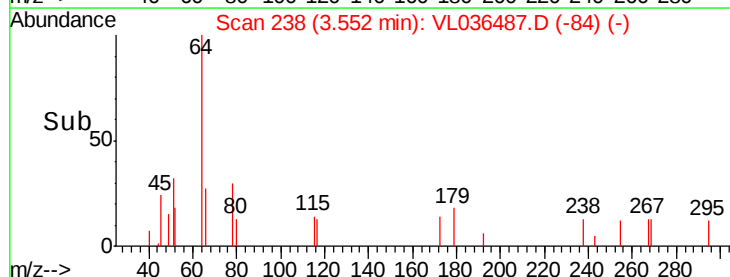
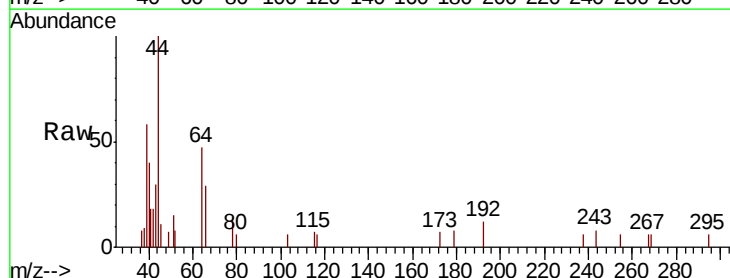
Acq: 25 Mar 2021 15:34

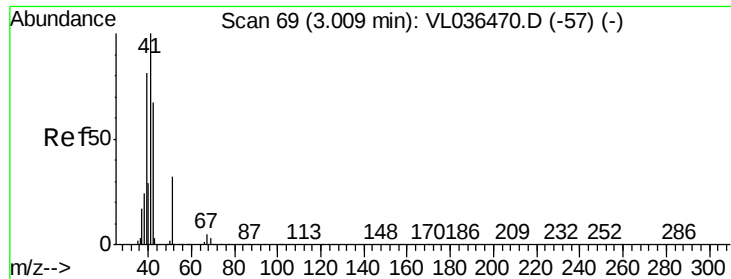
Tgt Ion: 64 Resp: 1150

Ion Ratio Lower Upper

64 100

66 61.7 26.2 39.2#





#9

Propene

Concen: 0.294 ppbv

RT: 3.02 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

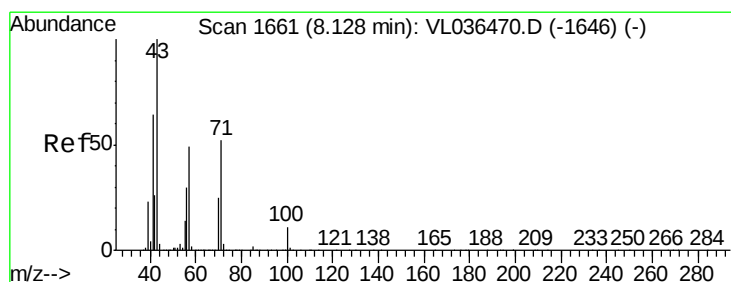
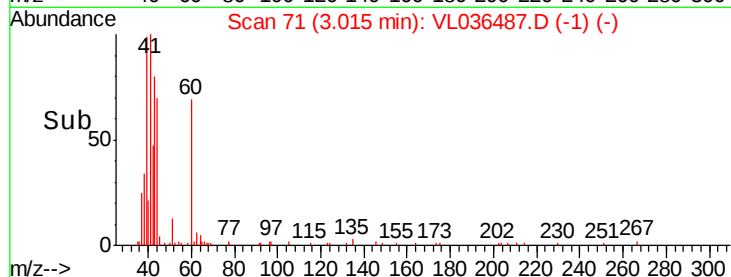
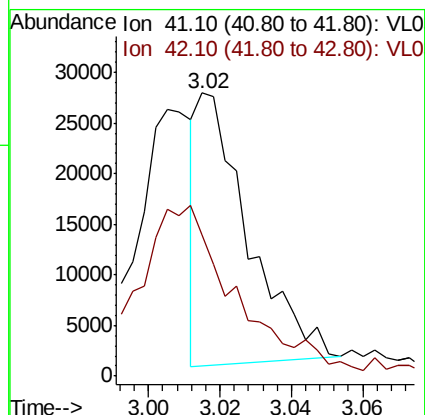
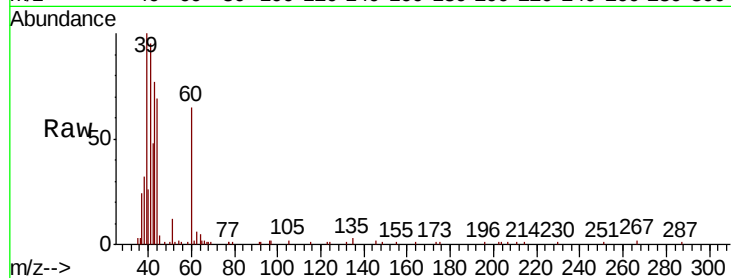
Acq: 25 Mar 2021 15:34

Tot Ion: 41 Resp: 26394

Ion Ratio Lower Upper

41 100

42 132.0 57.0 85.4#



#10

Heptane

Concen: 0.299 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL036487.D

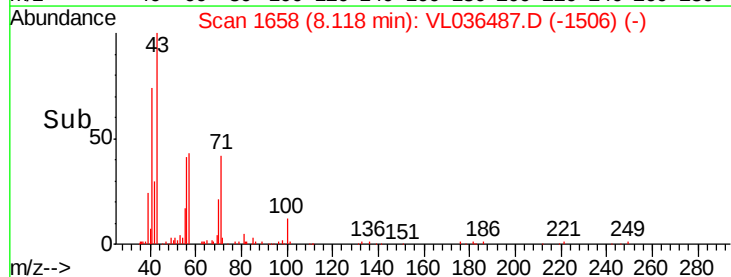
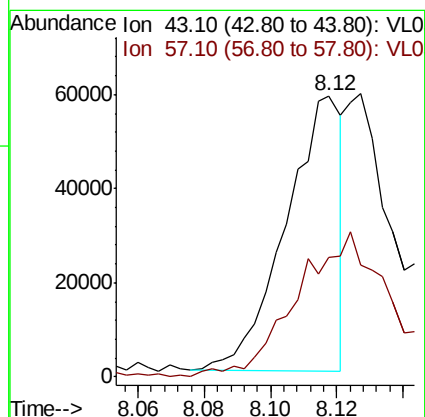
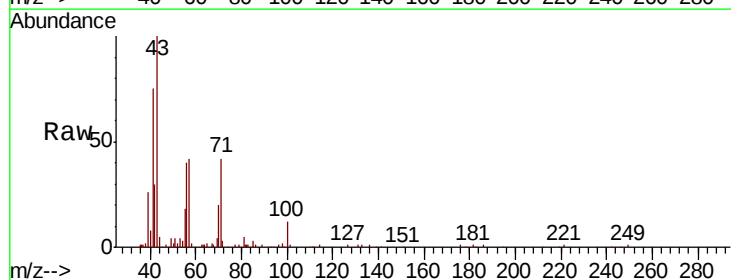
Acq: 25 Mar 2021 15:34

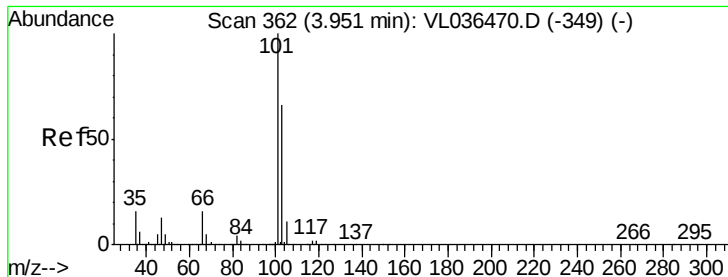
Tgt Ion: 43 Resp: 68527

Ion Ratio Lower Upper

43 100

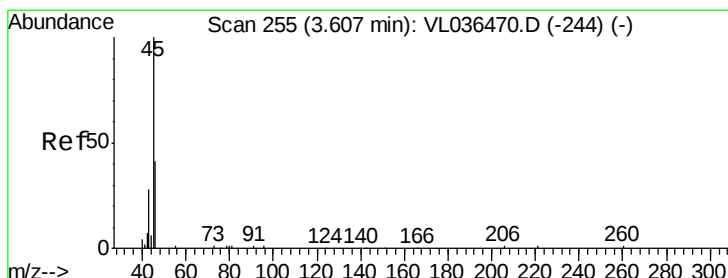
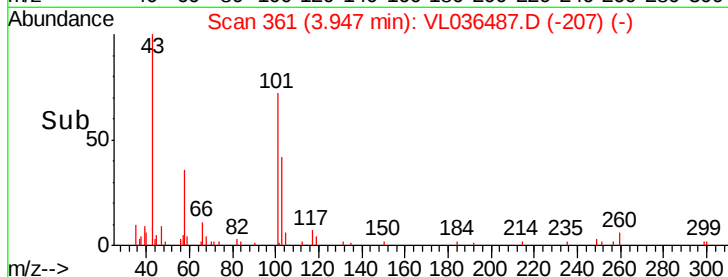
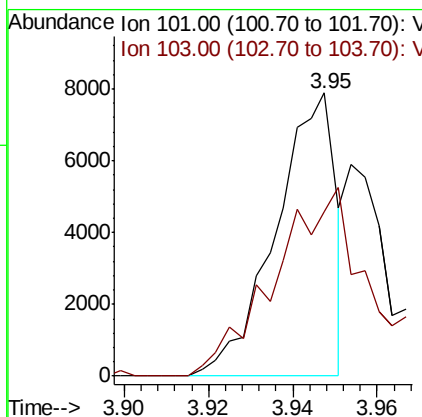
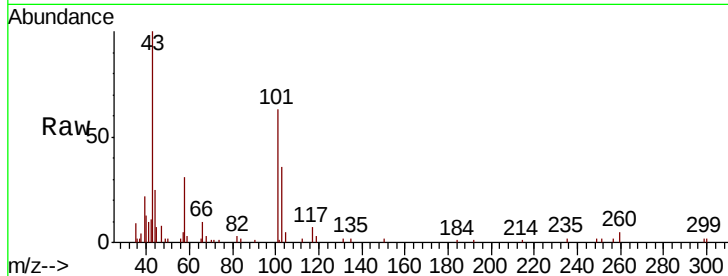
57 0.0 39.0 58.6#





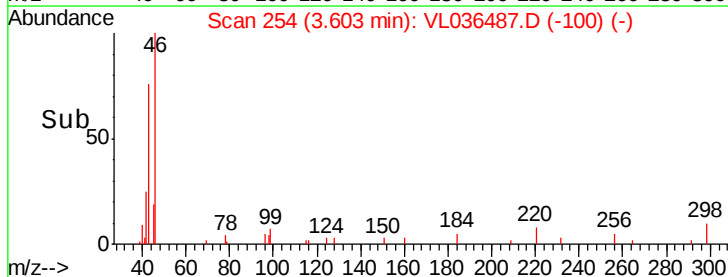
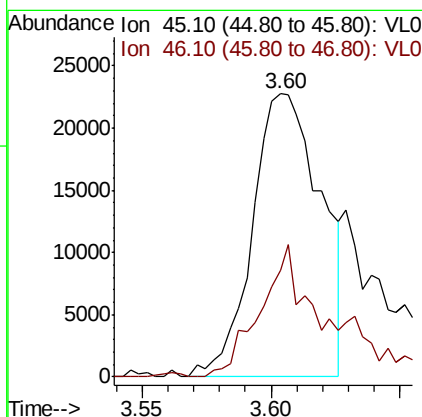
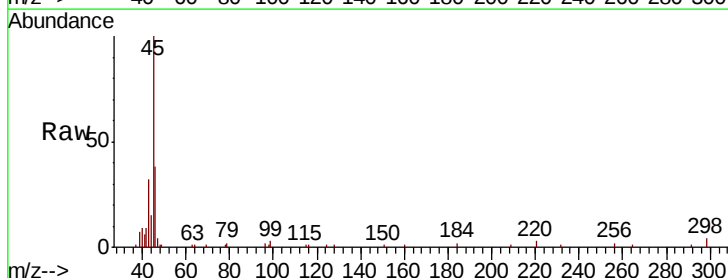
#11
 Trichlorofluoromethane
 Concen: 0.031 ppbv
 RT: 3.95 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 15:34

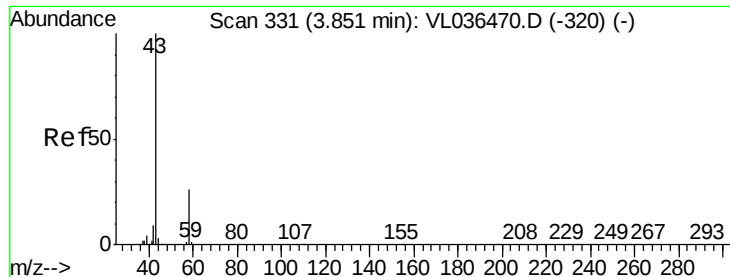
Tot Ion: 101 Resp: 7777
 Ion Ratio Lower Upper
 101 100
 103 58.1 52.5 78.7



#13
 Ethanol
 Concen: 3.945 ppbv
 RT: 3.60 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VL036487.D
 Acq: 25 Mar 2021 15:34

Tgt Ion: 45 Resp: 42234
 Ion Ratio Lower Upper
 45 100
 46 57.6 16.6 66.2





#15

Acetone

Concen: 6.071 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

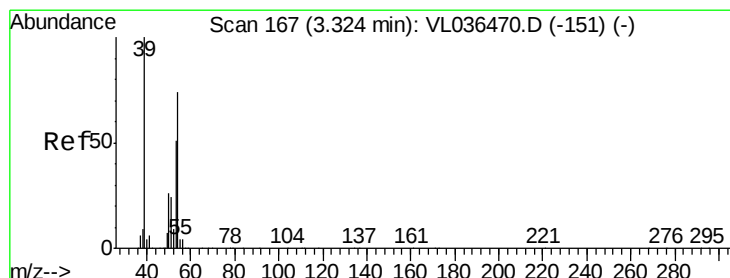
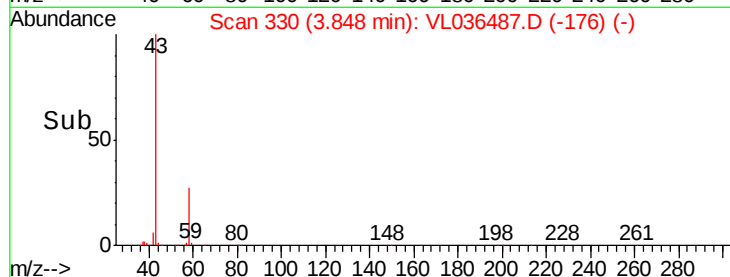
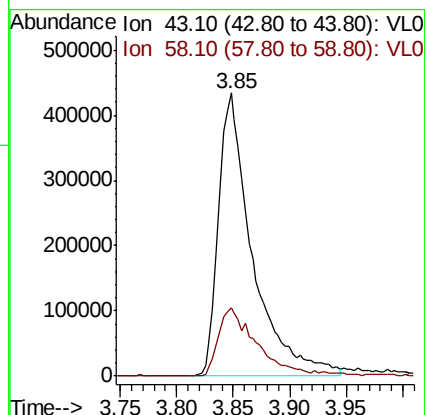
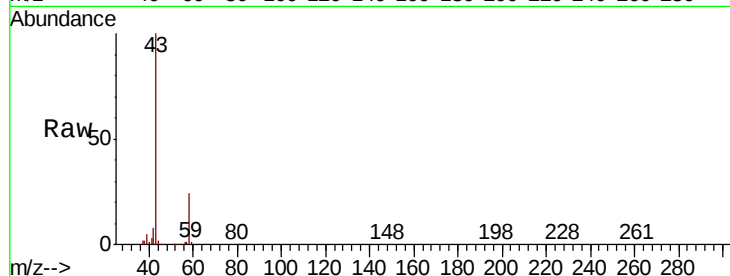
Acq: 25 Mar 2021 15:34

Tot Ion: 43 Resp: 901776

Ion Ratio Lower Upper

43 100

58 28.2 21.2 31.8



#16

1,3-Butadiene

Concen: 0.021 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.00 min

Lab File: VL036487.D

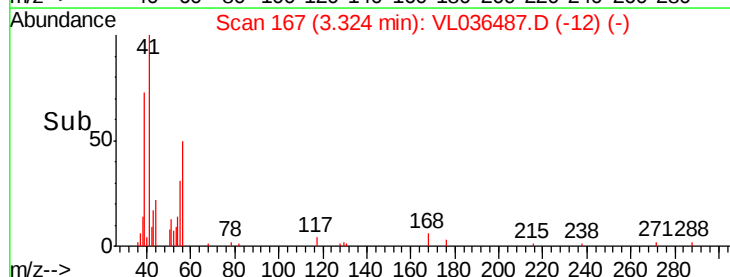
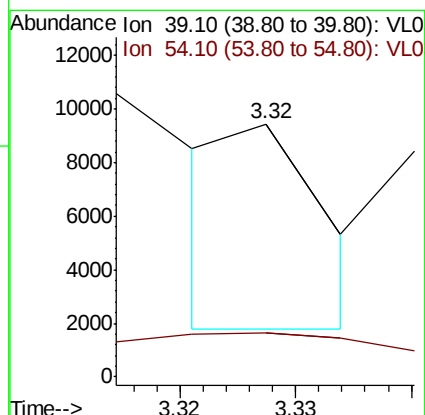
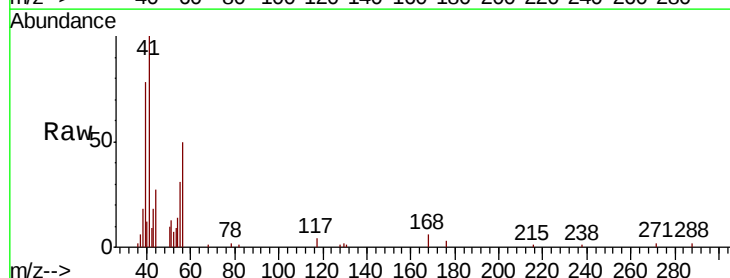
Acq: 25 Mar 2021 15:34

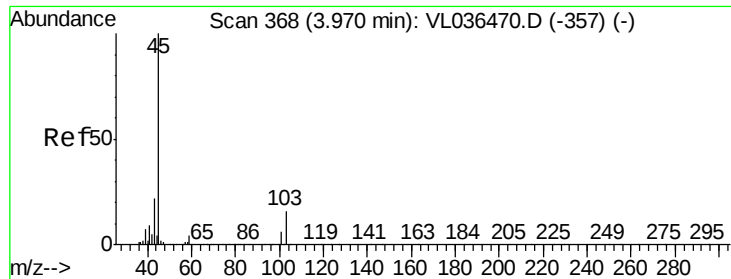
Tgt Ion: 39 Resp: 2157

Ion Ratio Lower Upper

39 100

54 0.0 58.8 88.2#





#19

Isopropyl Alcohol

Concen: 0.101 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

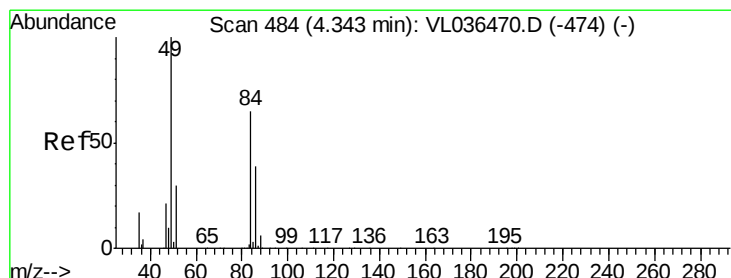
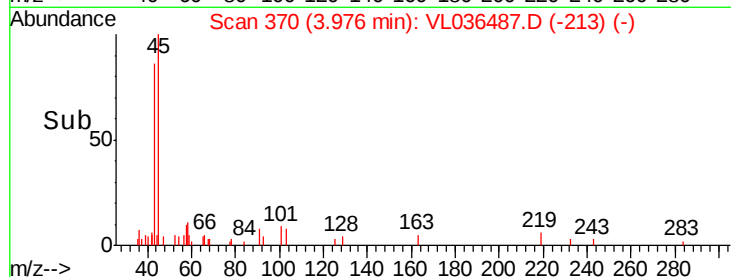
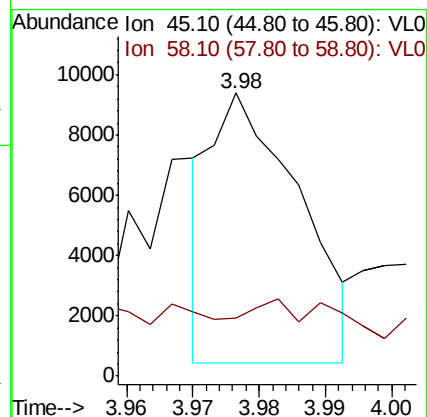
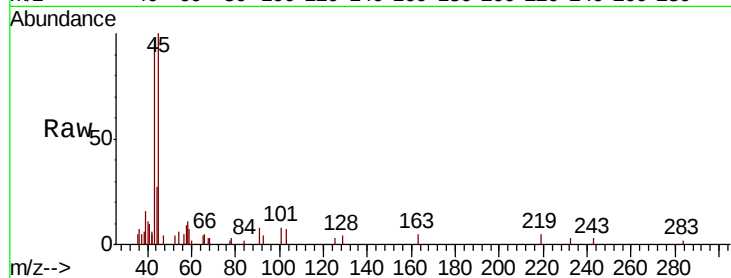
Acq: 25 Mar 2021 15:34

Tot Ion: 45 Resp: 8268

Ion Ratio Lower Upper

45 100

58 0.0 2.9 4.3#



#20

Methylene Chloride

Concen: 1.860 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL036487.D

Acq: 25 Mar 2021 15:34

Tgt Ion: 84 Resp: 129364

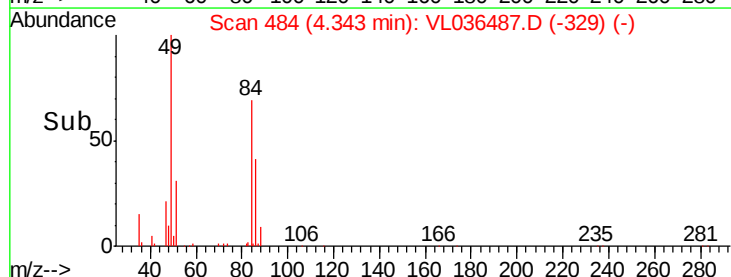
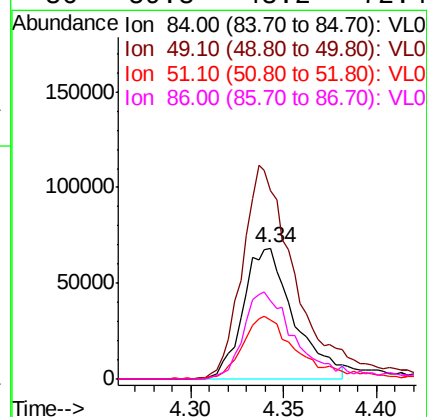
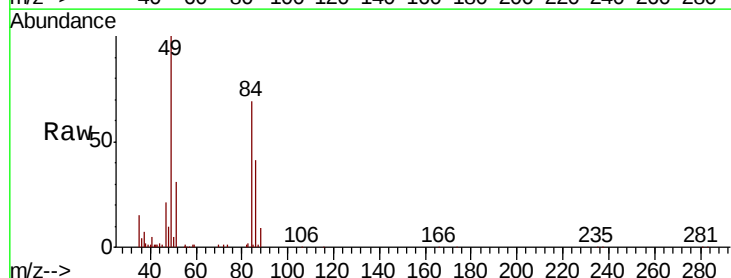
Ion Ratio Lower Upper

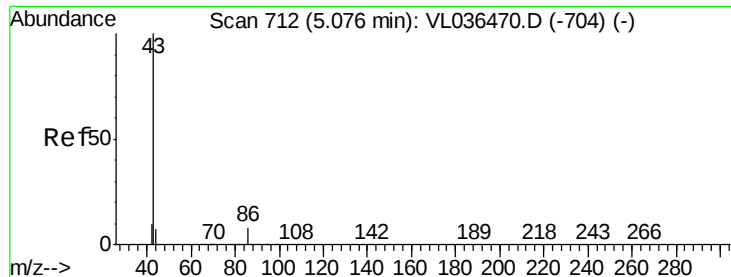
84 100

49 144.2 122.9 184.3

51 45.1 36.9 55.3

86 59.8 48.2 72.4





#23

Vinyl Acetate

Concen: 0.032 ppbv

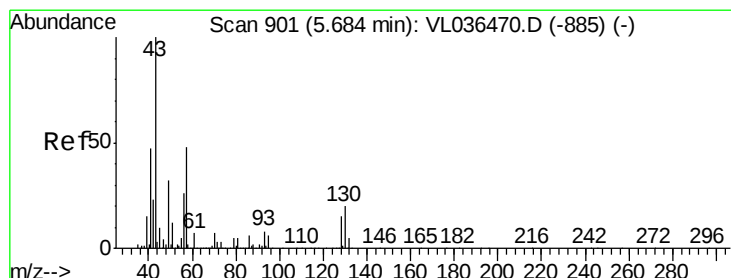
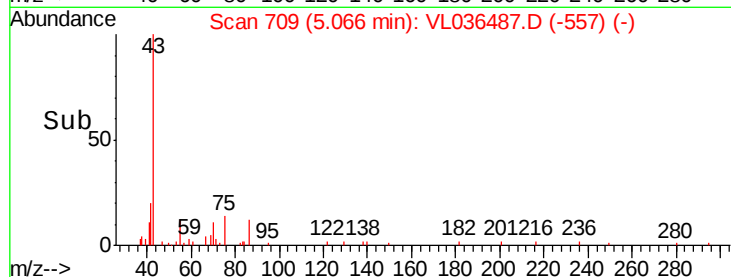
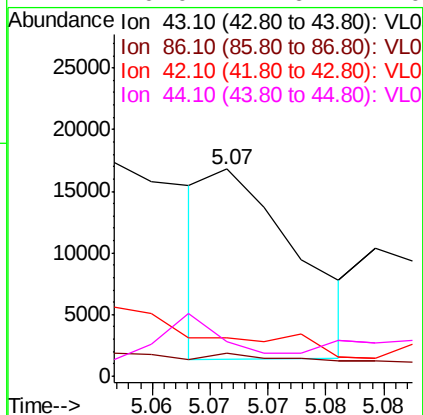
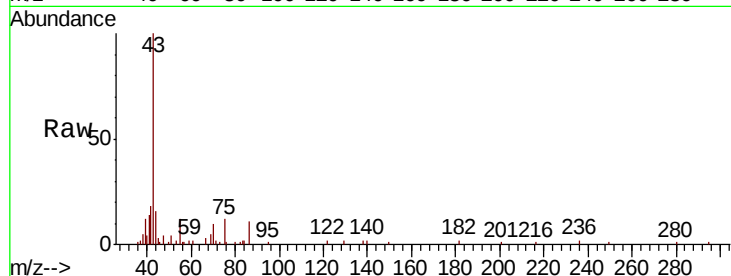
RT: 5.07 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 15:34

Tot Ion:	43	Resp:	8147
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.4	8.0
42	16.6	8.5	12.7#
44	0.0	4.6	7.0#



#25

Ethyl Acetate

Concen: 1.900 ppbv

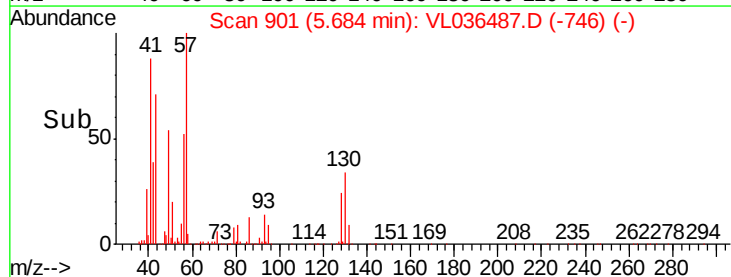
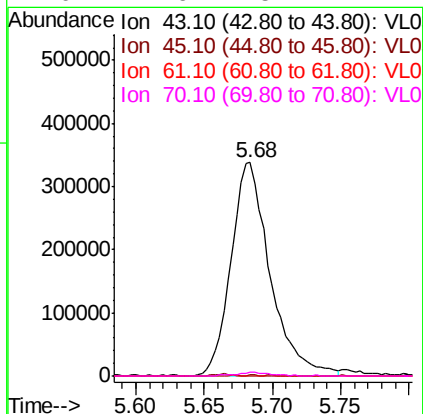
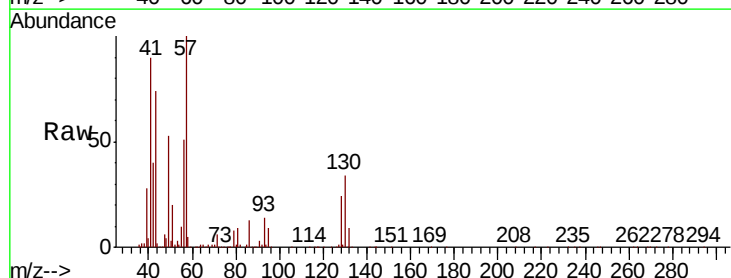
RT: 5.68 min Scan# 901

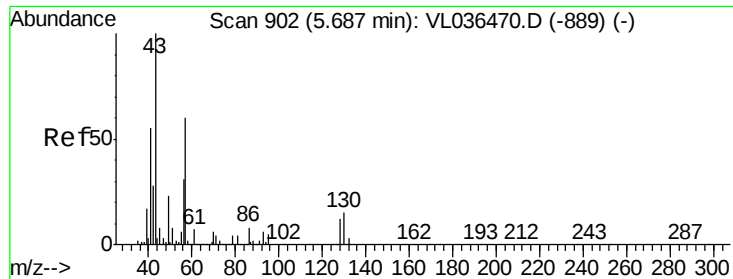
Delta R.T. -0.00 min

Lab File: VL036487.D

Acq: 25 Mar 2021 15:34

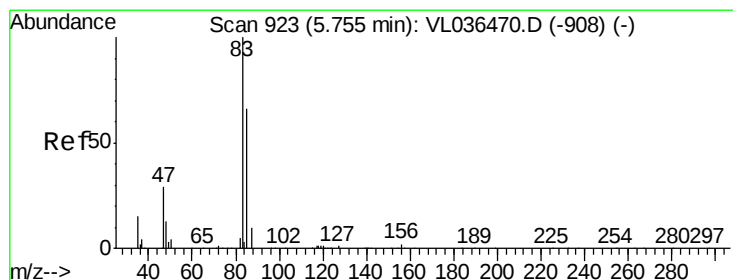
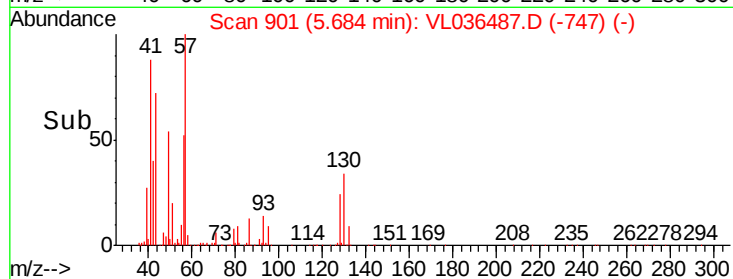
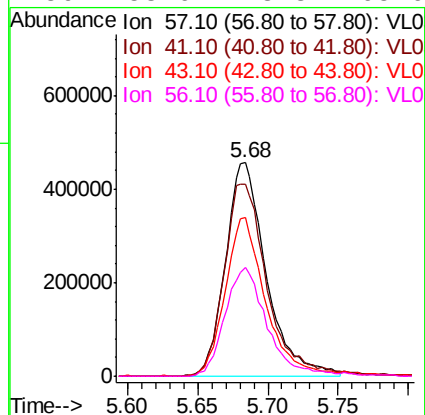
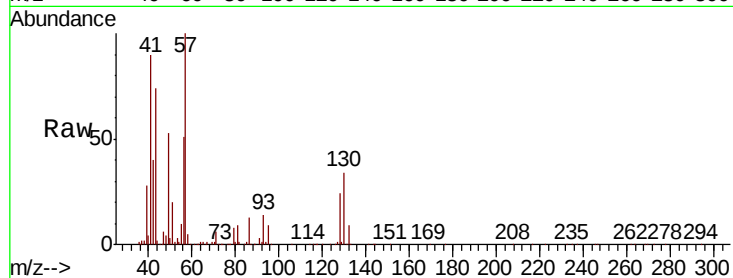
Tgt Ion:	43	Resp:	670972
Ion	Ratio	Lower	Upper
43	100		
45	1.1	7.9	11.9#
61	0.3	7.4	11.2#
70	1.6	5.1	7.7#





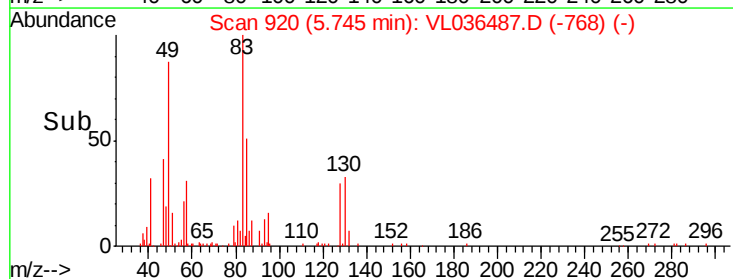
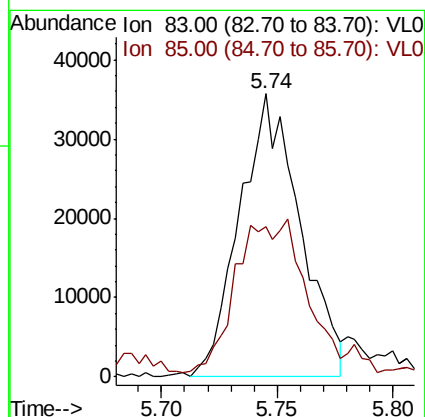
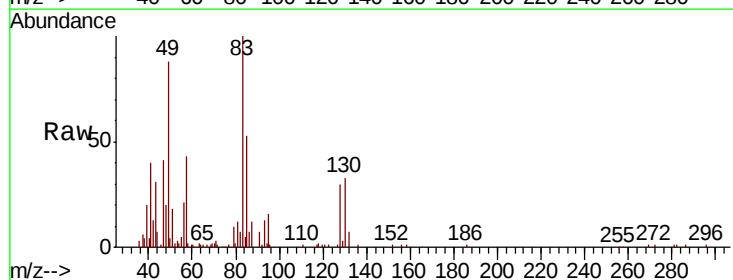
#26
Hexane
Concen: 5.588 ppbv
RT: 5.68
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 15:34

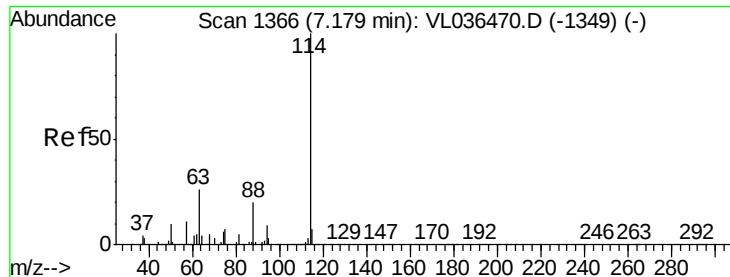
Tot Ion:	57	Resp:	915847
Ion	Ratio	Lower	Upper
57	100		
41	96.6	77.2	115.8
43	75.6	173.8	260.6#
56	53.6	43.8	65.6



#29
Chloroform
Concen: 0.247 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.01 min
Lab File: VL036487.D
Acq: 25 Mar 2021 15:34

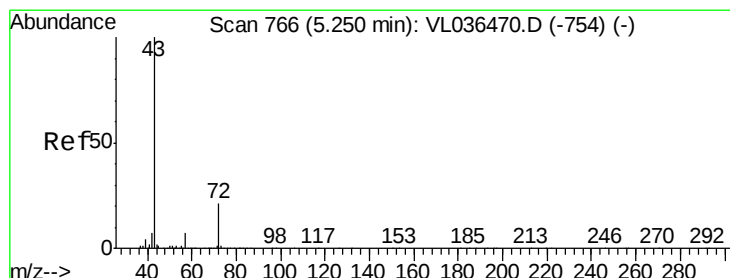
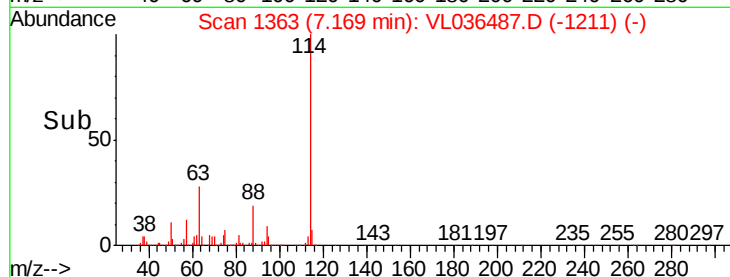
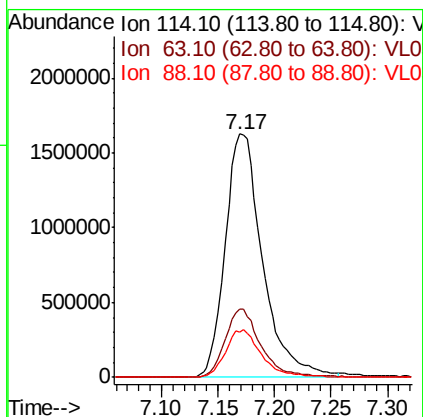
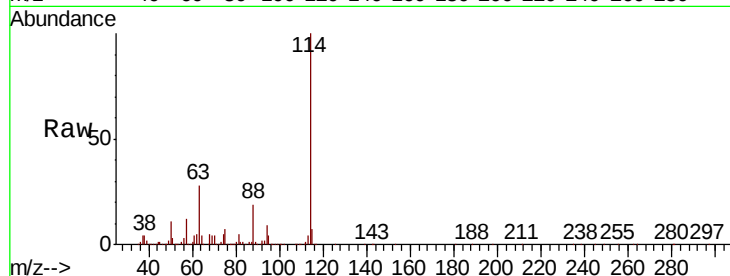
Tgt Ion:	83	Resp:	64712
Ion	Ratio	Lower	Upper
83	100		
85	51.2	52.6	78.8#





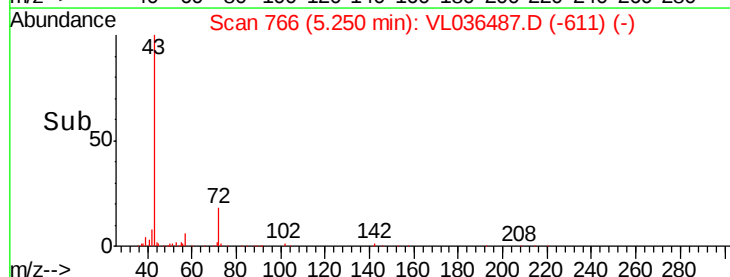
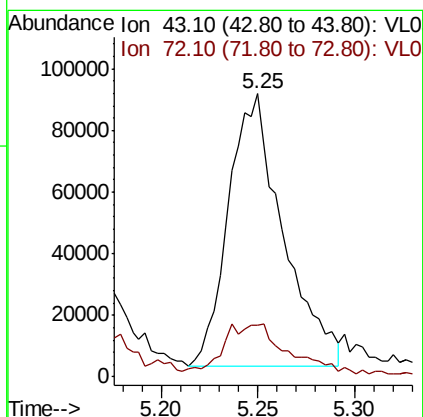
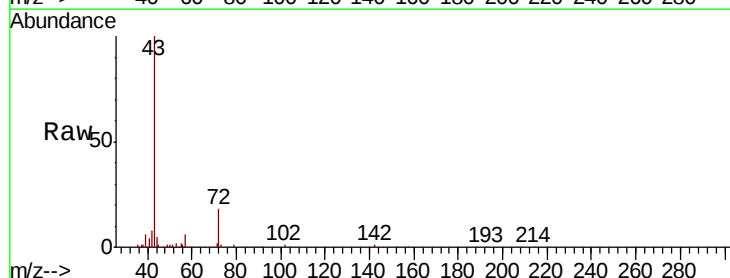
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 15:34

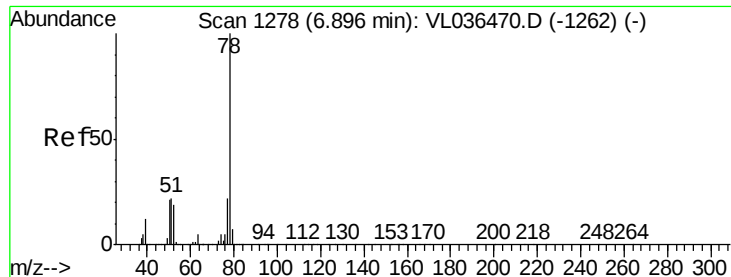
Tot Ion:114 Resp: 3738303
 Ion Ratio Lower Upper
 114 100
 63 27.2 22.4 33.6
 88 19.3 15.4 23.0



#34
 2-Butanone
 Concen: 0.949 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VL036487.D
 Acq: 25 Mar 2021 15:34

Tgt Ion: 43 Resp: 173218
 Ion Ratio Lower Upper
 43 100
 72 26.6 17.0 25.6#





#36

Benzene

Concen: 0.062 ppbv

RT: 6.89 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 15:34

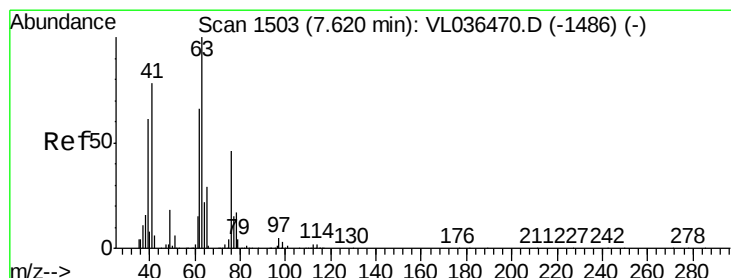
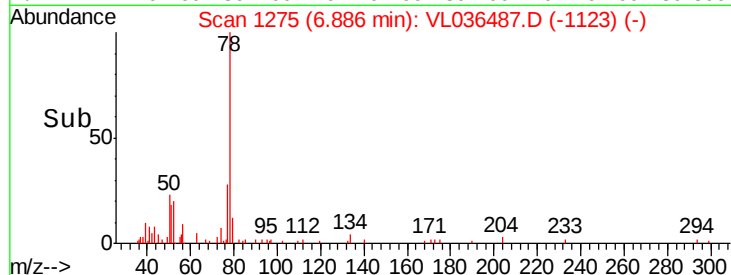
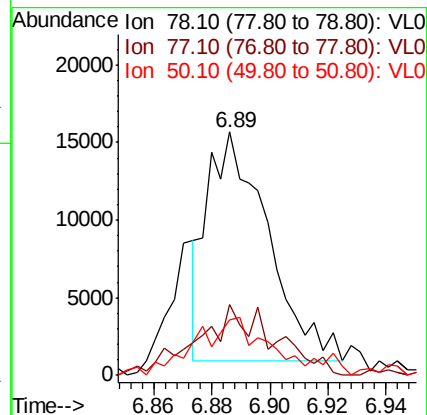
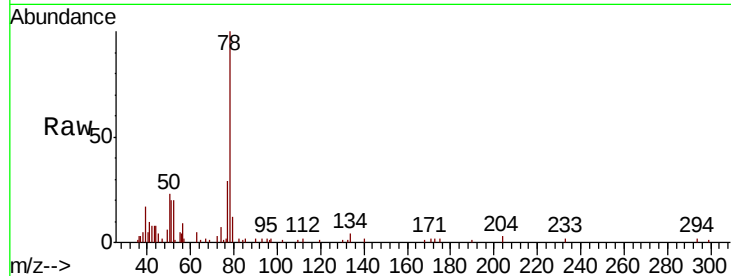
Tot Ion: 78 Resp: 21350

Ion Ratio Lower Upper

78 100

77 31.1 18.0 27.0#

50 20.2 16.5 24.7



#39

1,2-Dichloropropane

Concen: 7.064 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.45 min

Lab File: VL036487.D

Acq: 25 Mar 2021 15:34

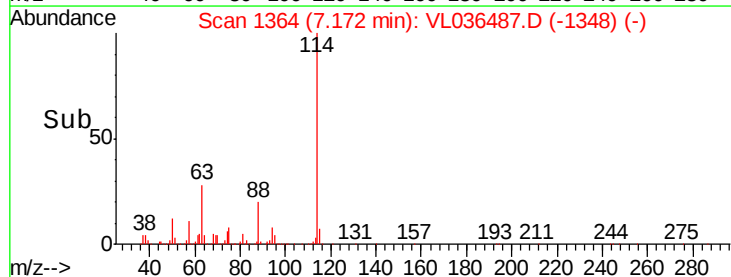
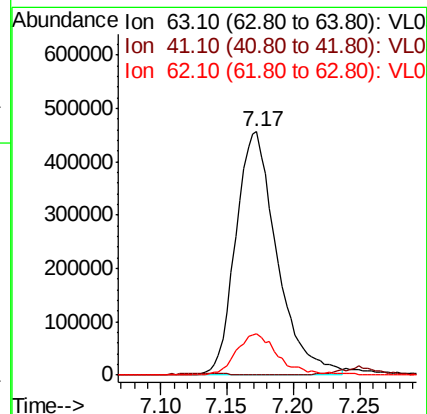
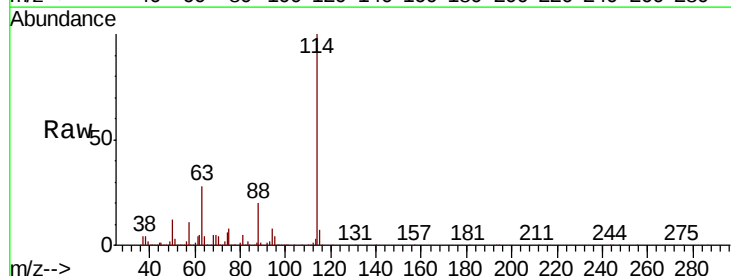
Tgt Ion: 63 Resp: 987989

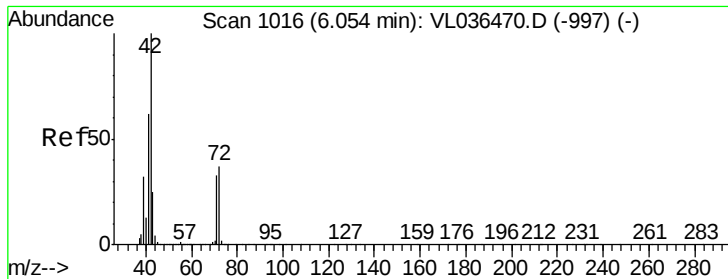
Ion Ratio Lower Upper

63 100

41 0.0 62.4 93.6#

62 16.7 52.8 79.2#





#41

Tetrahydrofuran

Concen: 0.049 ppbv

RT: 6.07 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 15:34

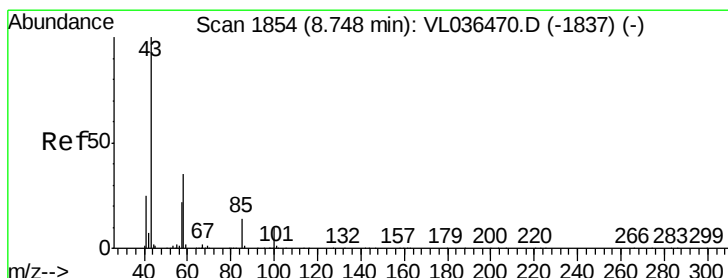
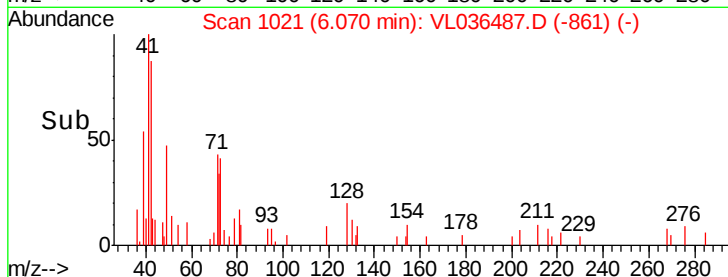
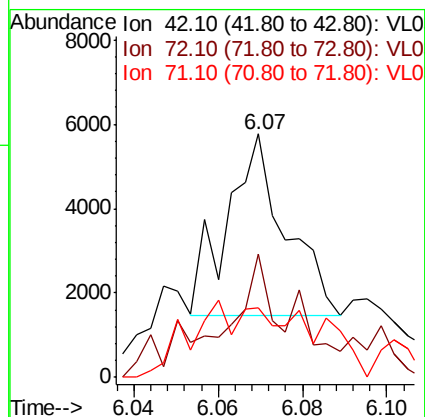
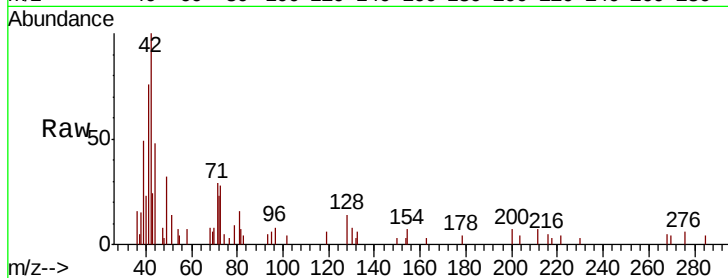
Tot Ion: 42 Resp: 4141

Ion Ratio Lower Upper

42 100

72 123.8 27.6 41.4#

71 84.7 27.0 40.4#



#50

4-Methyl-2-Pentanone

Concen: 0.074 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. -0.01 min

Lab File: VL036487.D

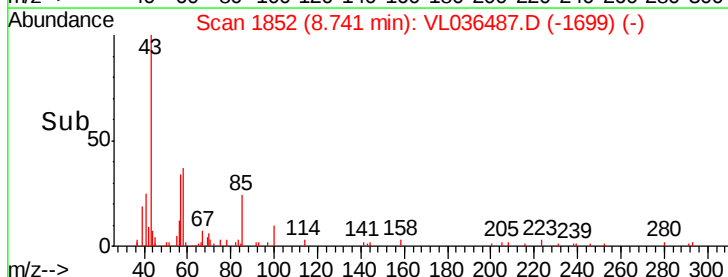
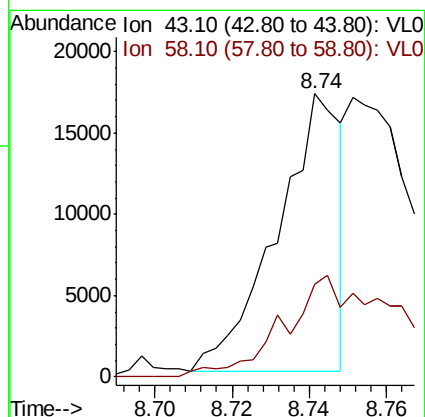
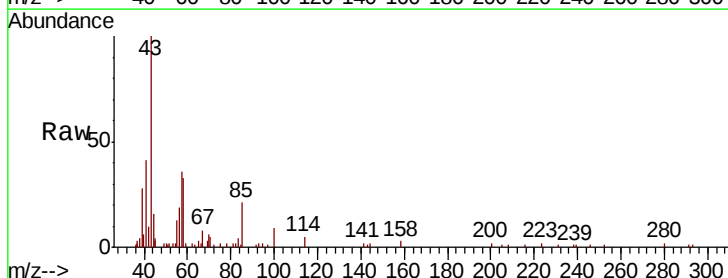
Acq: 25 Mar 2021 15:34

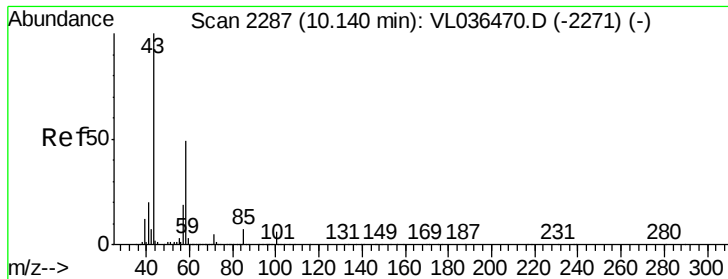
Tgt Ion: 43 Resp: 19500

Ion Ratio Lower Upper

43 100

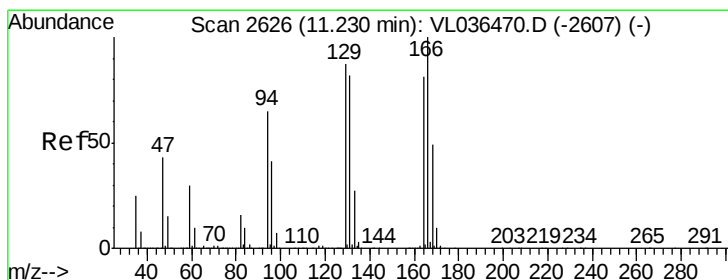
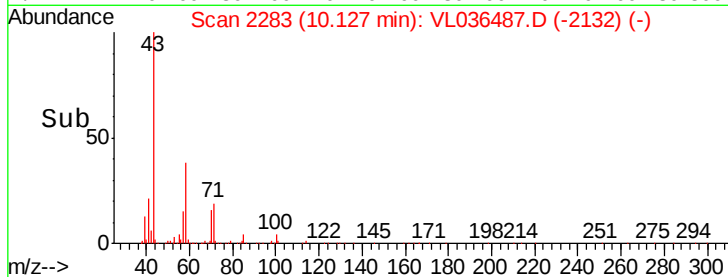
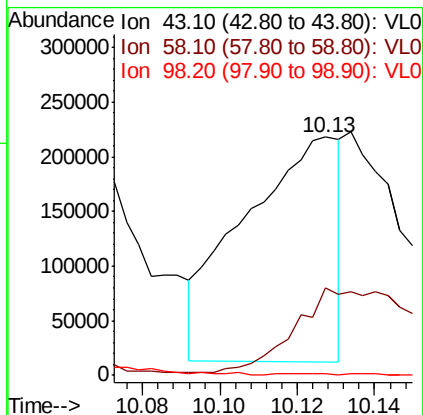
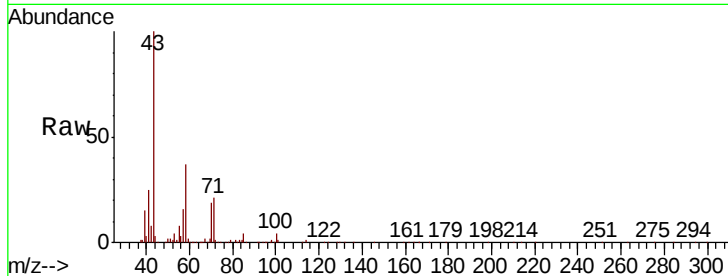
58 74.7 28.2 42.2#





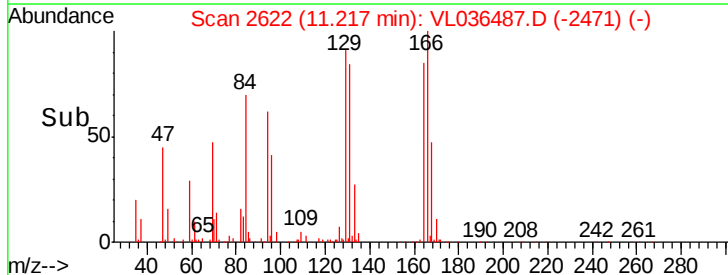
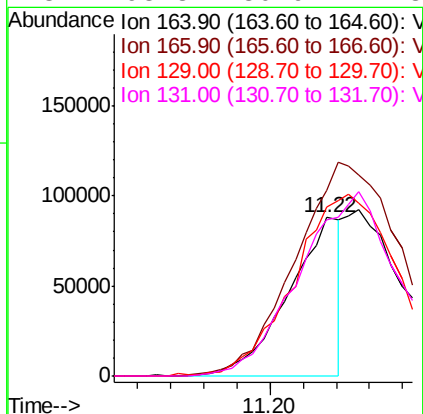
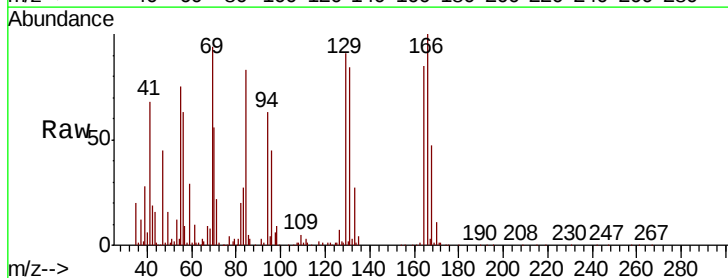
#51
 2-Hexanone
 Concen: 2.670 ppbv
 RT: 10.13 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 15:34

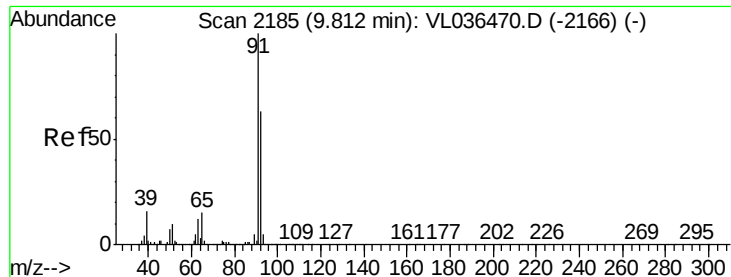
Tot Ion	Ratio	Lower	Upper
43	100		
58	56.7	37.7	56.5#
98	0.0	0.2	0.2#



#52
 Tetrachloroethene
 Concen: 0.752 ppbv
 RT: 11.22 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: VL036487.D
 Acq: 25 Mar 2021 15:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	116.6	98.3	147.5
129	105.9	85.8	128.8
131	98.3	80.9	121.3





#53

Toluene

Concen: 1.564 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

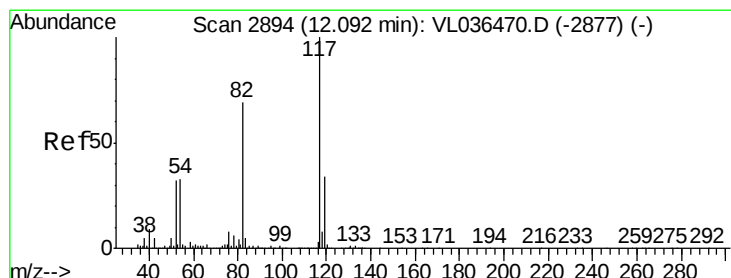
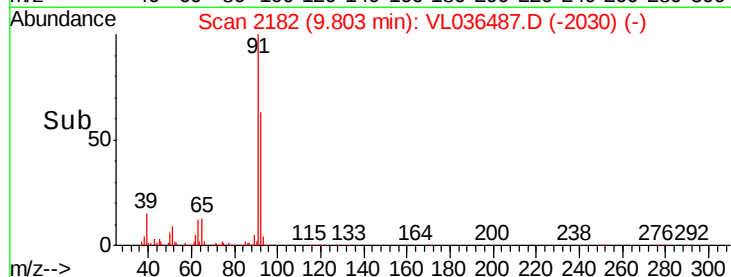
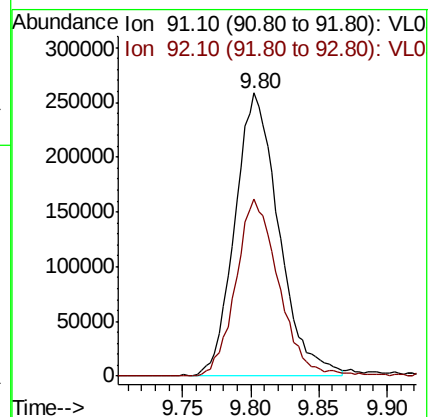
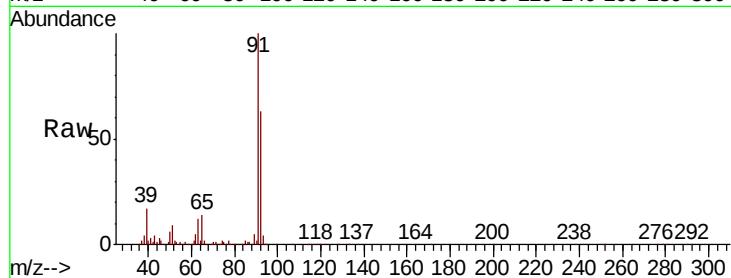
Acq: 25 Mar 2021 15:34

Tot Ion: 91 Resp: 574303

Ion Ratio Lower Upper

91 100

92 62.2 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: VL036487.D

Acq: 25 Mar 2021 15:34

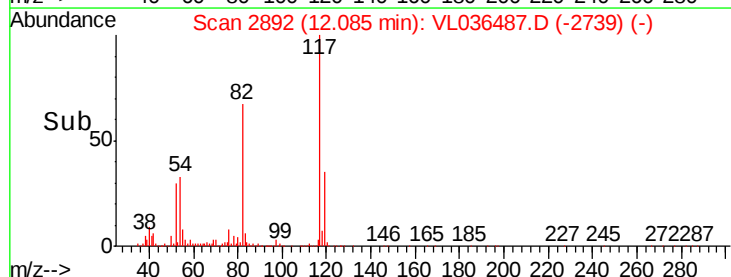
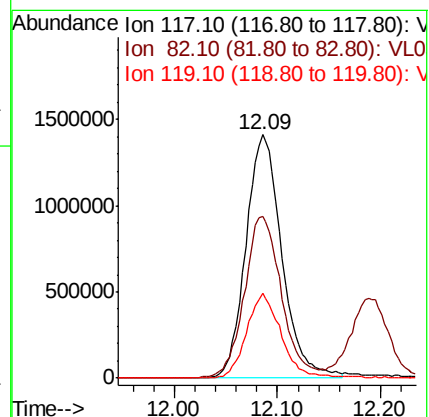
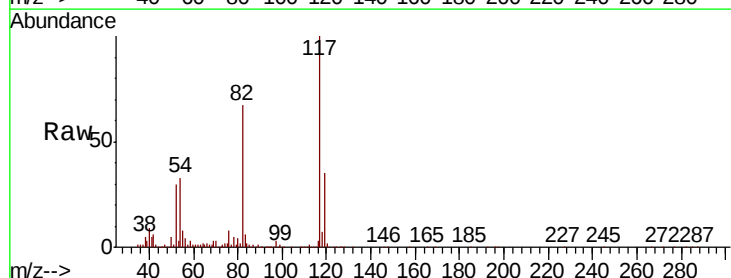
Tgt Ion: 117 Resp: 3414720

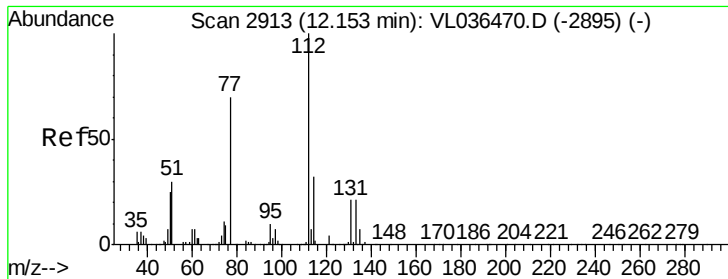
Ion Ratio Lower Upper

117 100

82 68.8 57.4 86.0

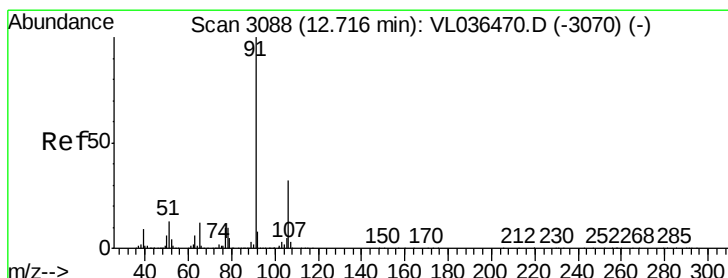
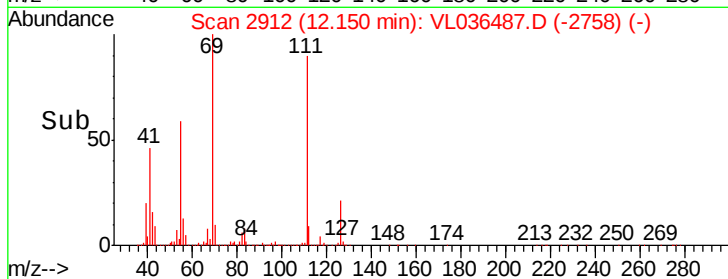
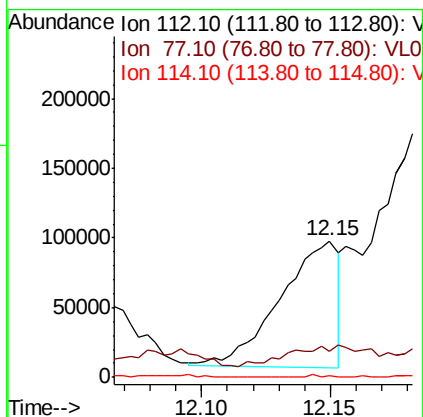
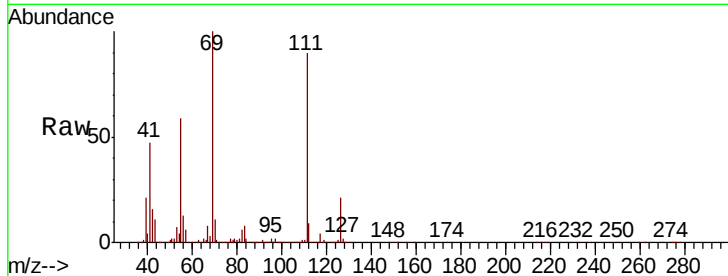
119 33.5 47.4 71.0#





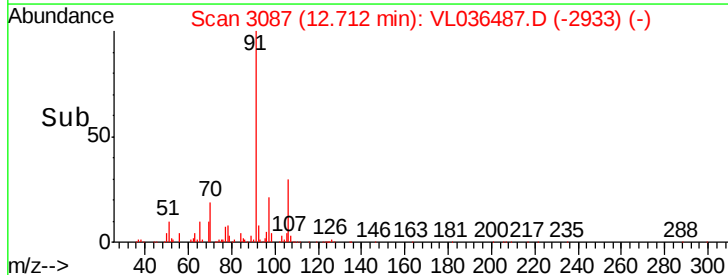
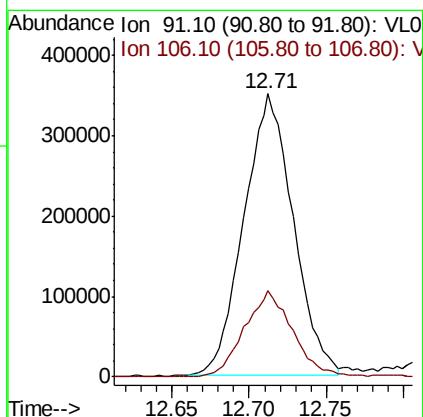
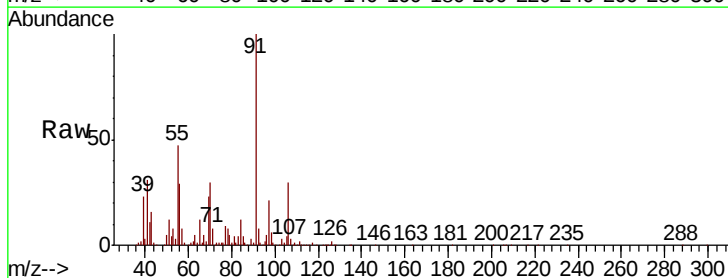
#57
Chlorobenzene
Concen: 0.492 ppbv
RT: 12.15
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 15:34

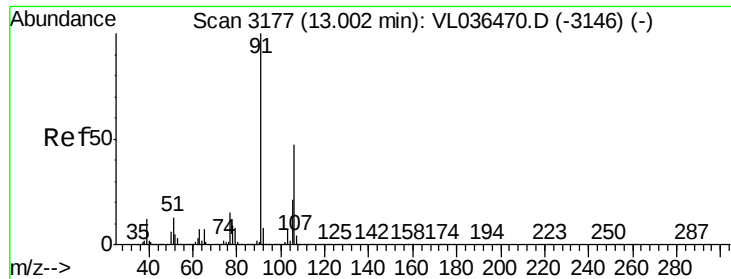
Tot Ion	Ratio	Lower	Upper
112	100		
77	2.6	56.0	84.0#
114	0.0	29.0	35.4#



#58
Ethyl Benzene
Concen: 1.569 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VL036487.D
Acq: 25 Mar 2021 15:34

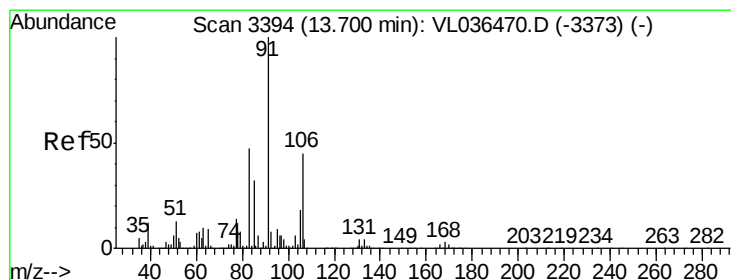
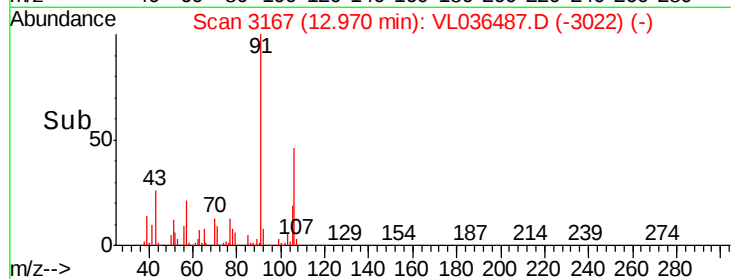
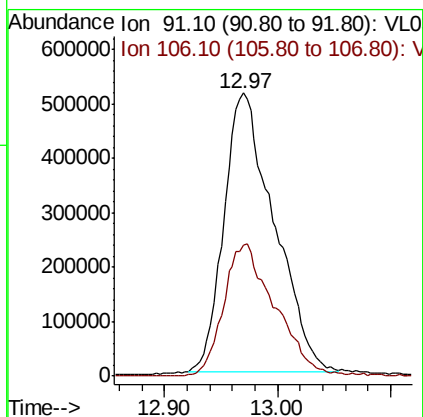
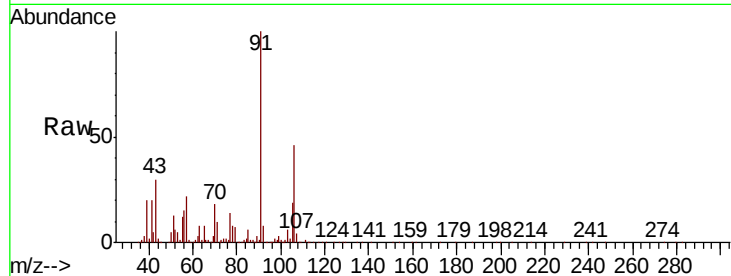
Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.5	25.3	37.9





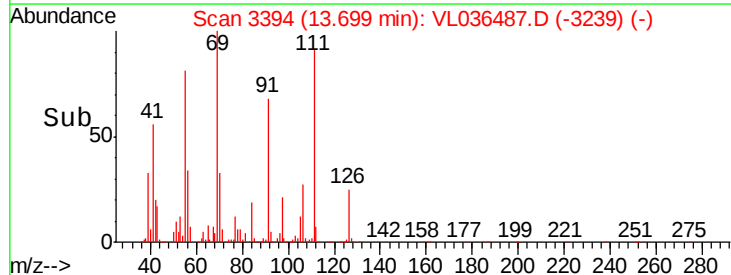
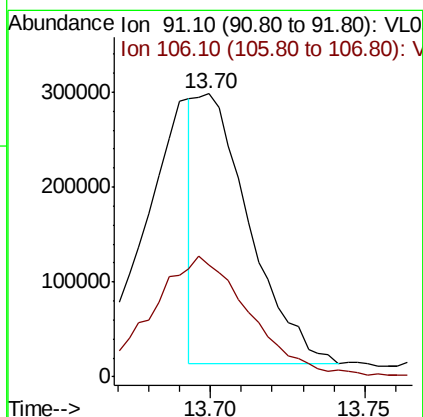
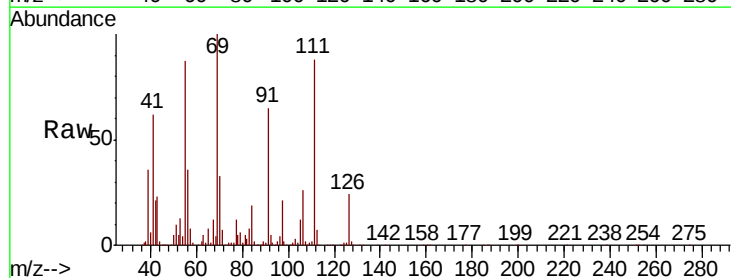
#59
m/p-Xylene
Concen: 3.646 ppbv
RT: 12.97 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 25 Mar 2021 15:34

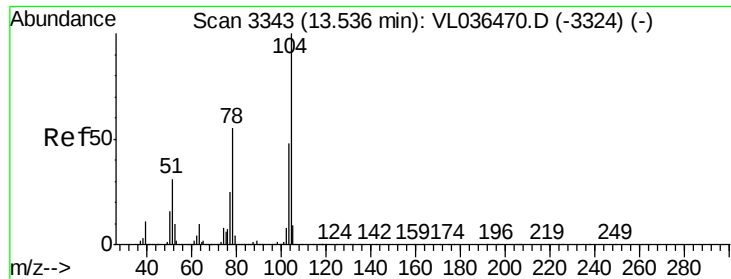
Tot Ion: 91 Resp: 1579816
Ion Ratio Lower Upper
91 100
106 48.5 35.3 52.9



#60
o-Xylene
Concen: 0.817 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL036487.D
Acq: 25 Mar 2021 15:34

Tgt Ion: 91 Resp: 342319
Ion Ratio Lower Upper
91 100
106 84.0 22.3 66.9#





#61

Stvrene

Concen: 0.034 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File:

Acq: 25 Mar 2021 15:34

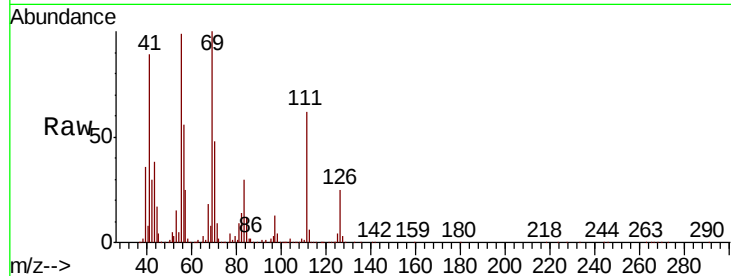
Tot Ion:104 Resp: 7210

Ion Ratio Lower Upper

104 100

78 0.0 43.8 65.8#

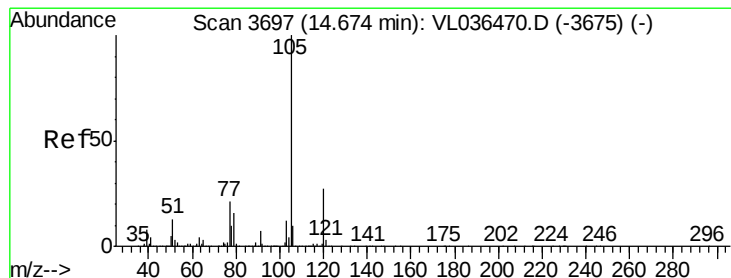
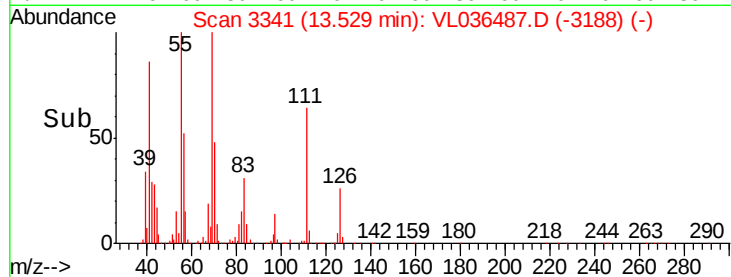
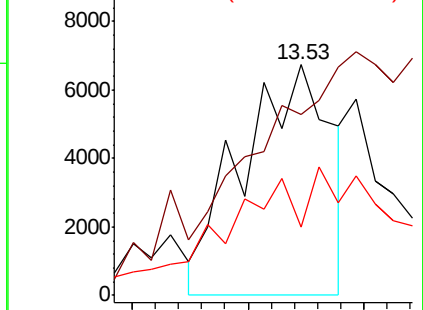
103 138.1 38.3 57.5#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.524 ppbv

RT: 14.67 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VL036487.D

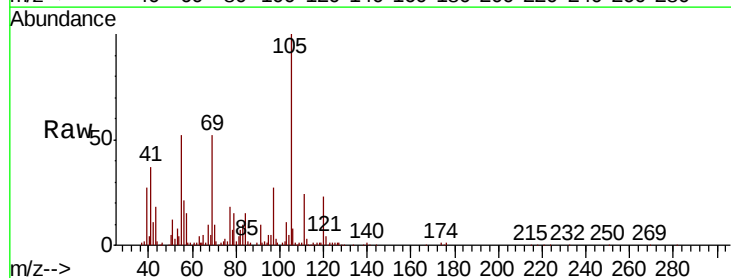
Acq: 25 Mar 2021 15:34

Tgt Ion:105 Resp: 295420

Ion Ratio Lower Upper

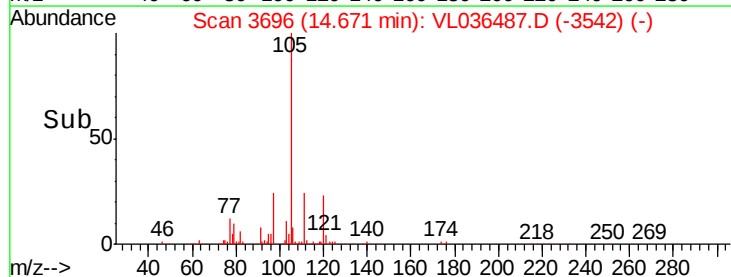
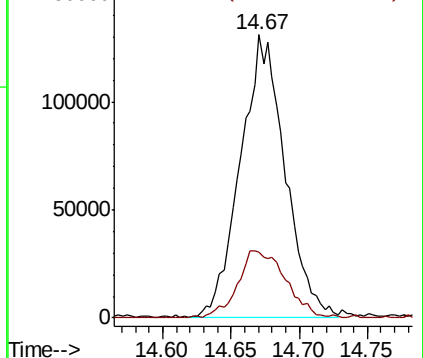
105 100

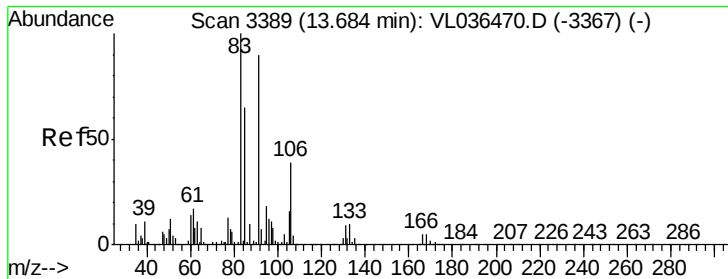
120 26.0 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

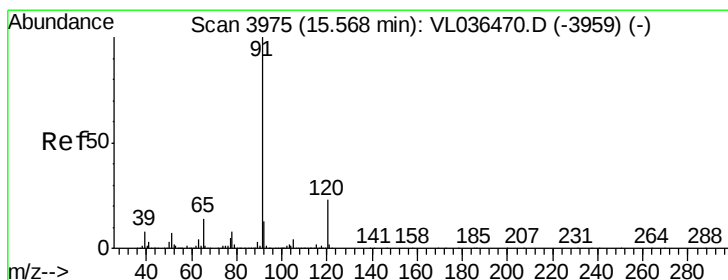
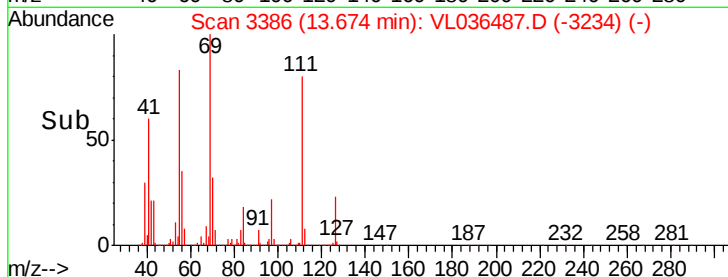
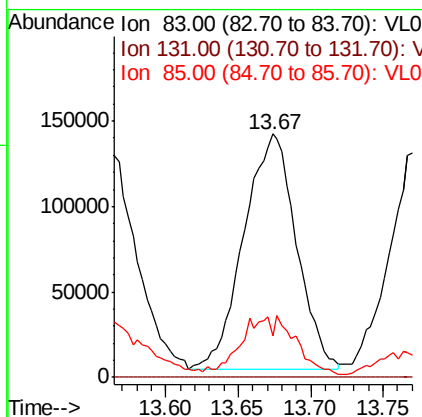
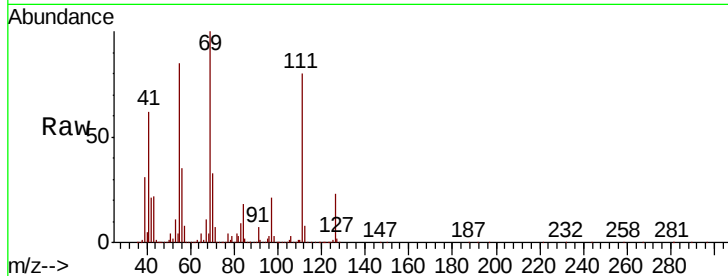
Ion 120.20 (119.90 to 120.90): V





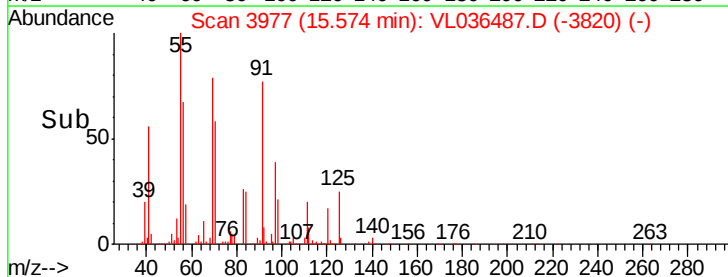
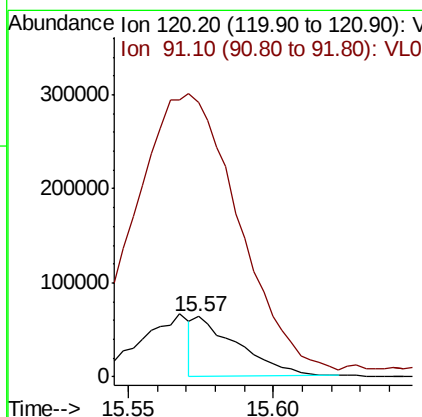
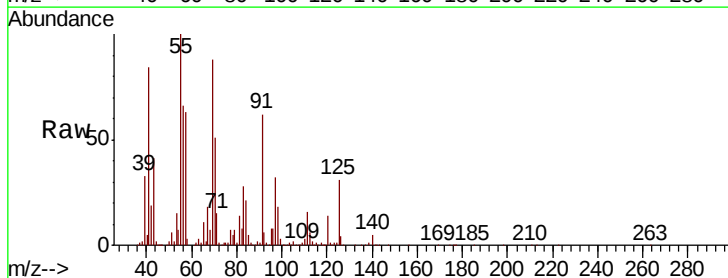
#63
 1,1,2,2-Tetrachloroethane
 Concen: 1.089 ppbv
 RT: 13.67 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 15:34

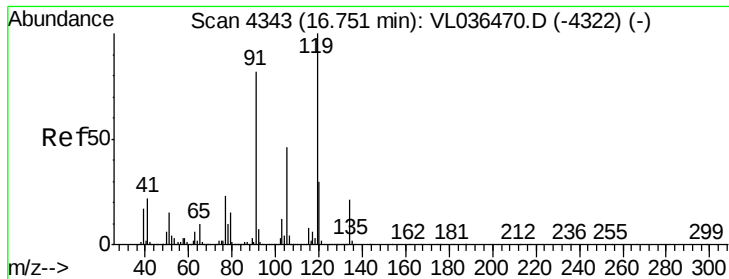
Tot Ion: 83 Resp: 348063
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.7 14.0#
 85 24.4 33.1 99.3#



#64
 n-propylbenzene
 Concen: 0.487 ppbv
 RT: 15.57 min Scan# 3977
 Delta R.T. 0.01 min
 Lab File: VL036487.D
 Acq: 25 Mar 2021 15:34

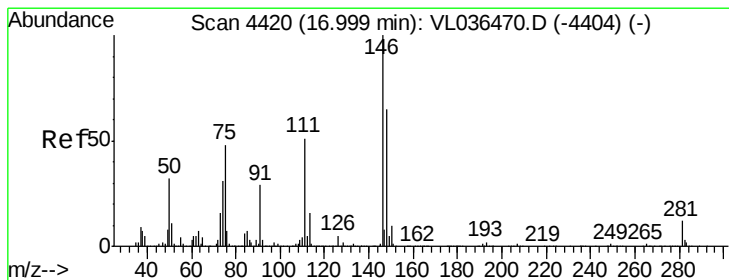
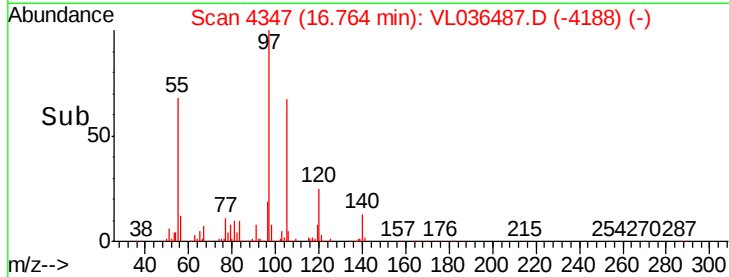
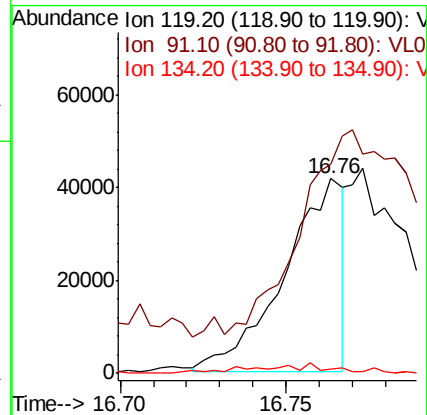
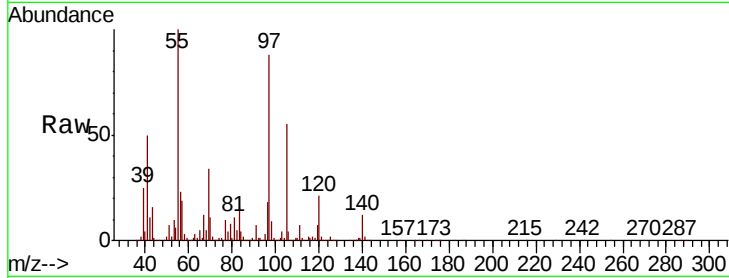
Tgt Ion: 120 Resp: 67141
 Ion Ratio Lower Upper
 120 100
 91 1160.3 377.4 566.2#





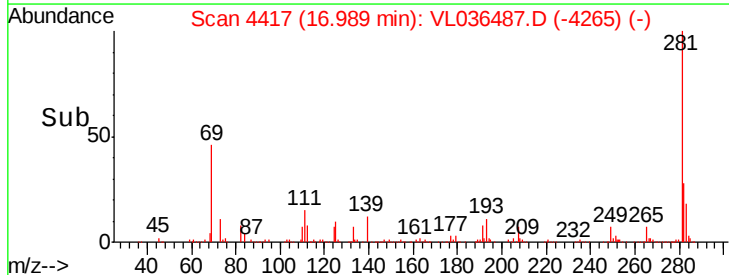
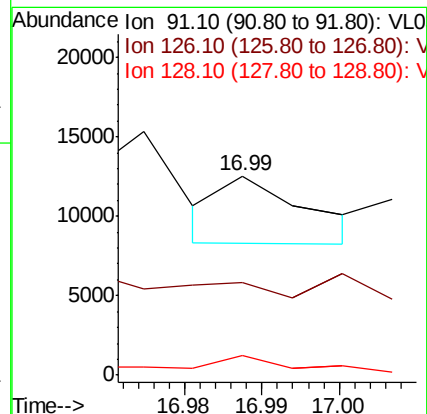
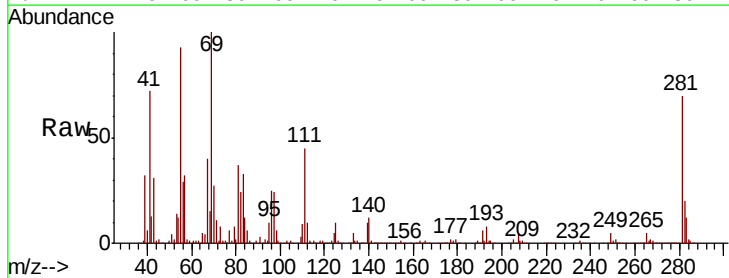
#65
 tert-Butylbenzene
 Concen: 0.107 ppbv
 RT: 16.76 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 15:34

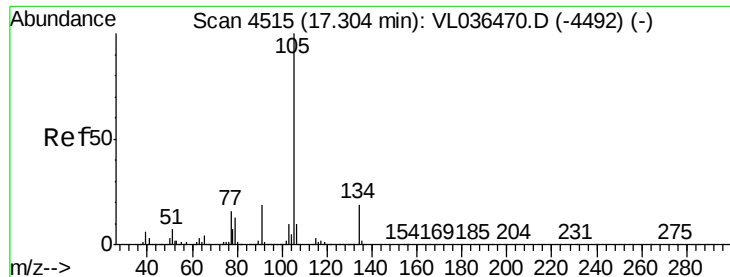
Tot Ion: 119 Resp: 52407
 Ion Ratio Lower Upper
 119 100
 91 0.0 67.5 101.3#
 134 6.6 15.8 23.8#



#66
 Benzyl Chloride
 Concen: 0.030 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T. -0.01 min
 Lab File: VL036487.D
 Acq: 25 Mar 2021 15:34

Tgt Ion: 91 Resp: 1641
 Ion Ratio Lower Upper
 91 100
 126 0.0 13.5 20.3#
 128 0.0 4.2 6.4#





#67

sec-Butylbenzene

Concen: 0.425 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File:

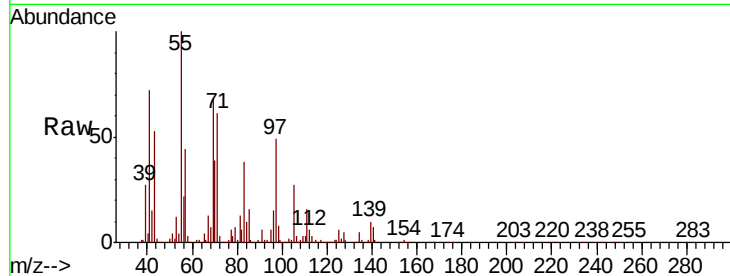
Acq: 25 Mar 2021 15:34

Tot Ion: 105 Resp: 293512

Ion Ratio Lower Upper

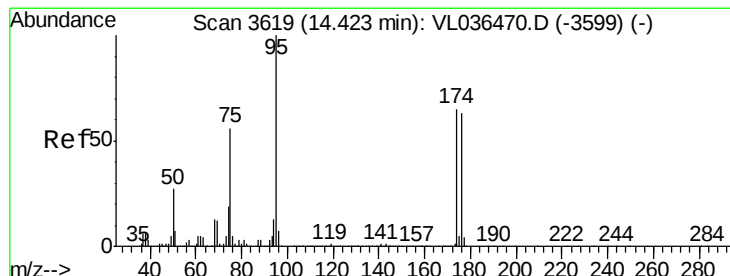
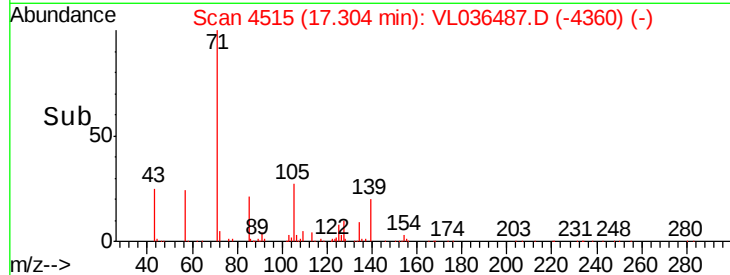
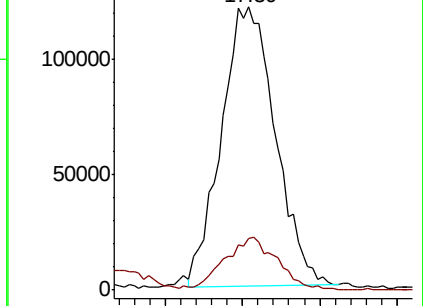
105 100

134 18.8 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: 10.032 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.00 min

Lab File: VL036487.D

Acq: 25 Mar 2021 15:34

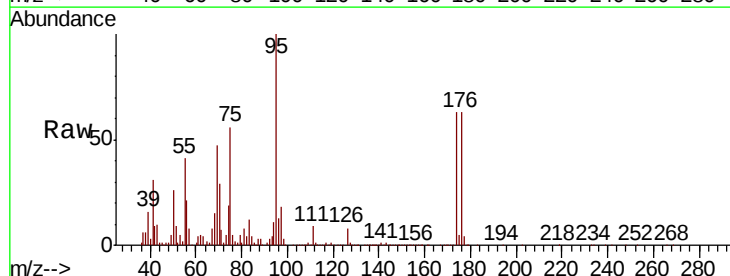
Tgt Ion: 95 Resp: 2730394

Ion Ratio Lower Upper

95 100

174 67.5 51.0 76.6

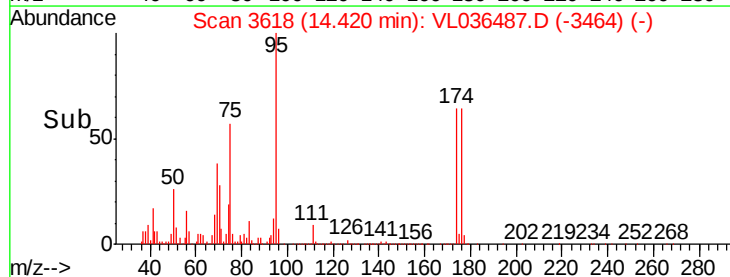
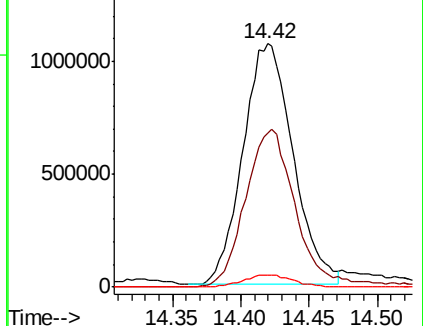
175 5.1 3.9 5.9

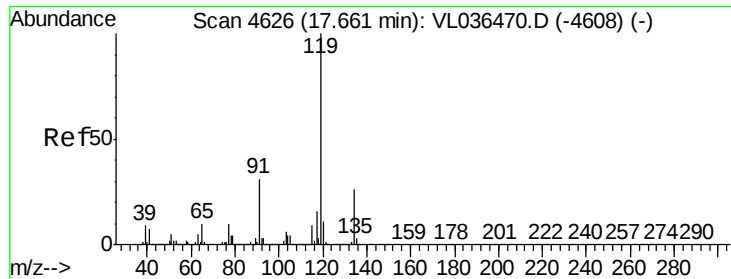


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#69

p-Isopropyltoluene

Concen: 0.062 ppbv

RT: 17.65 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 15:34

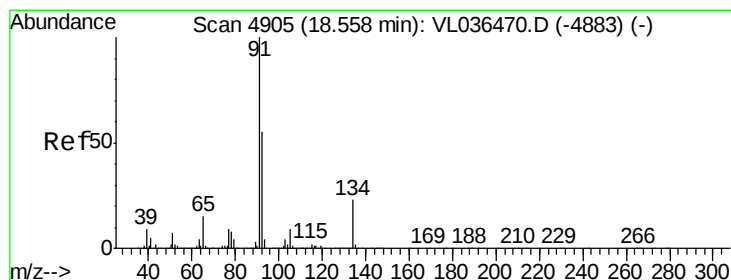
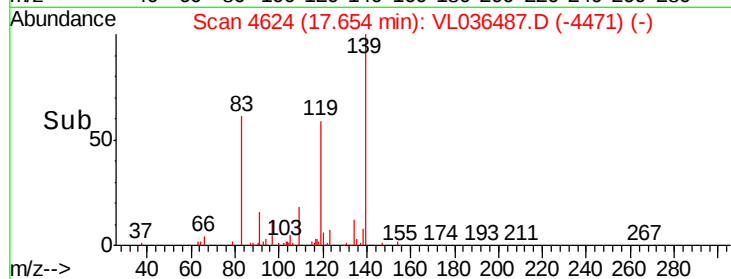
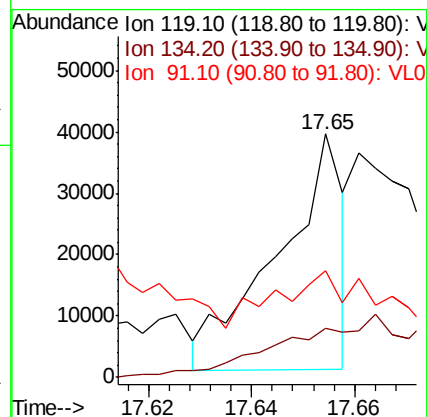
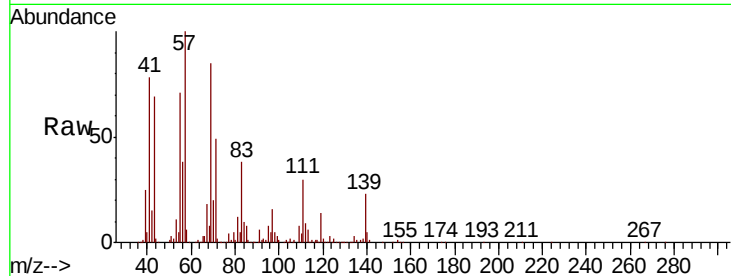
Tot Ion: 119 Resp: 33656

Ion Ratio Lower Upper

119 100

134 0.0 20.6 30.8#

91 127.2 25.0 37.6#



#70

n-Butylbenzene

Concen: 0.031 ppbv

RT: 18.55 min Scan# 4902

Delta R.T. -0.01 min

Lab File: VL036487.D

Acq: 25 Mar 2021 15:34

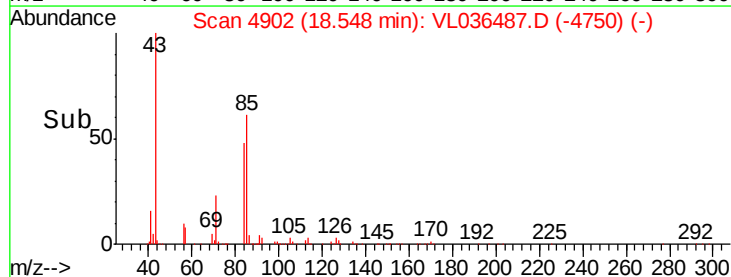
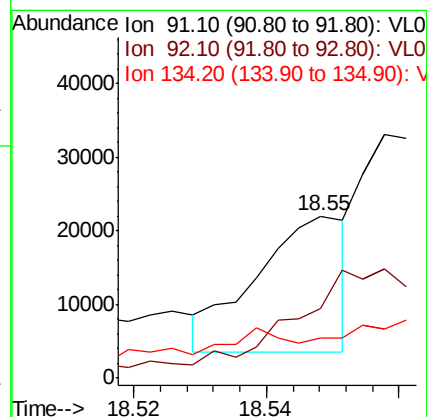
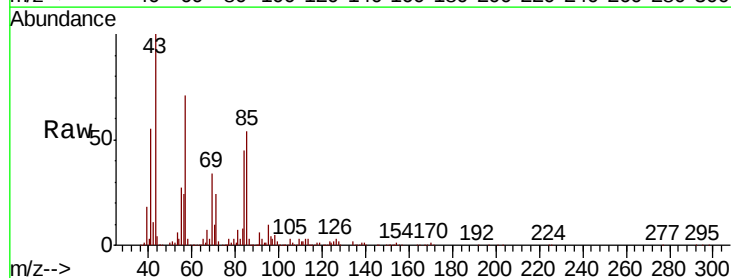
Tgt Ion: 91 Resp: 17445

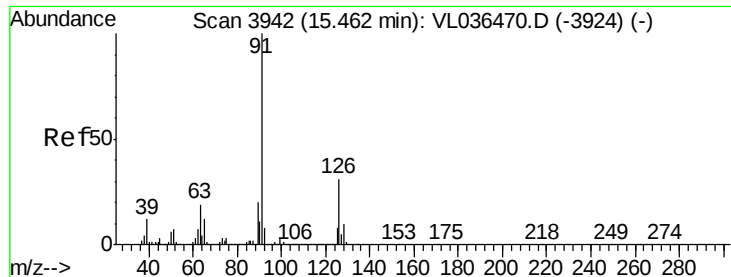
Ion Ratio Lower Upper

91 100

92 0.0 43.8 65.8#

134 0.0 18.0 27.0#





#71

2-Chlorotoluene

Concen: 0.360 ppbv

RT: 15.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

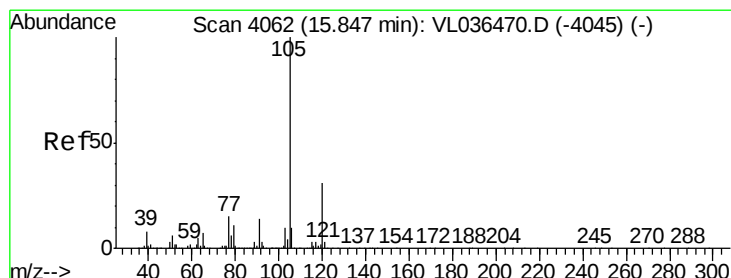
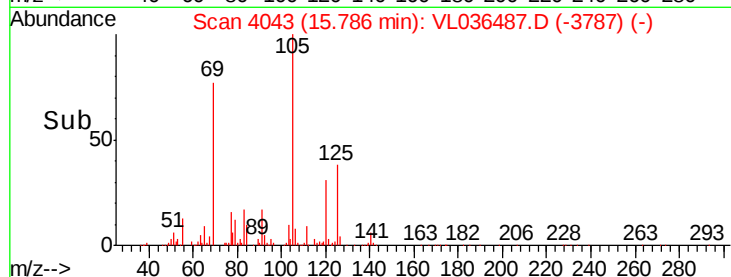
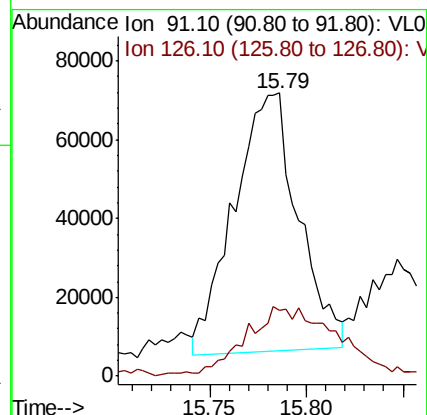
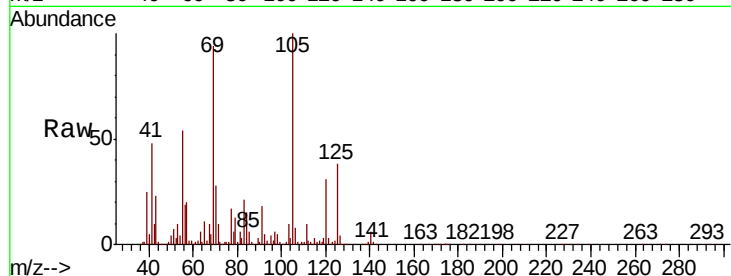
Acq: 25 Mar 2021 15:34

Tot Ion: 91 Resp: 152334

Ion Ratio Lower Upper

91 100

126 36.4 12.1 48.5



#72

4-Ethyltoluene

Concen: 1.001 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. -0.00 min

Lab File: VL036487.D

Acq: 25 Mar 2021 15:34

Tgt Ion: 105 Resp: 459389

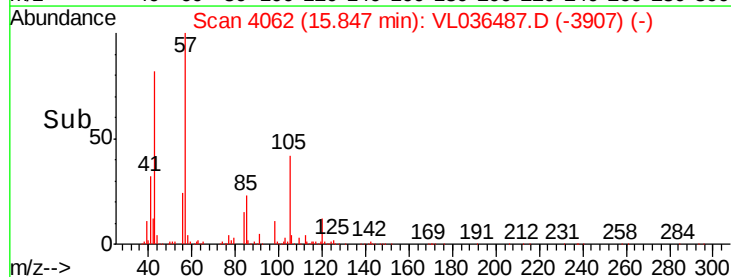
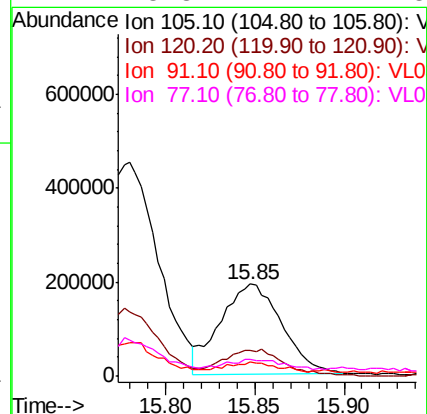
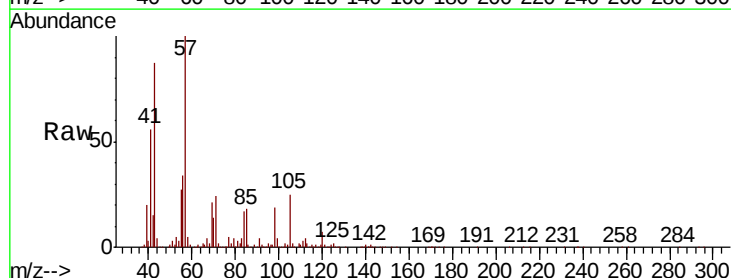
Ion Ratio Lower Upper

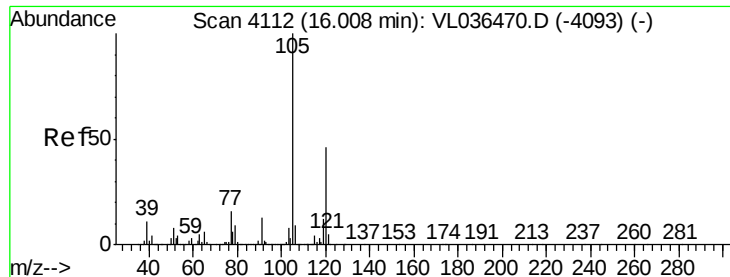
105 100

120 28.1 24.0 36.0

91 12.3 11.0 16.4

77 18.3 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.866 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

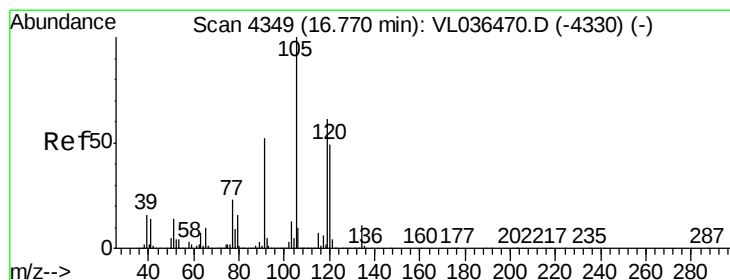
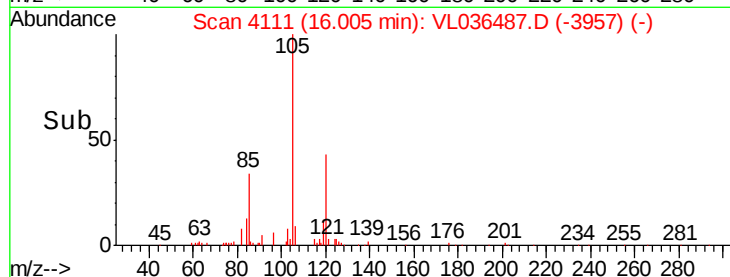
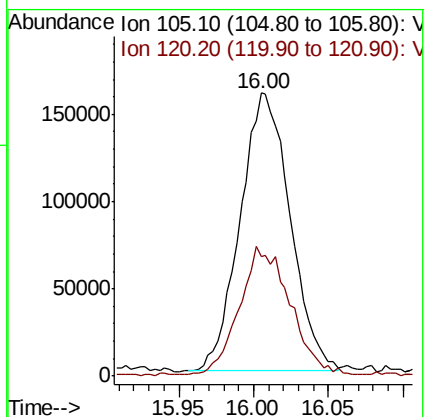
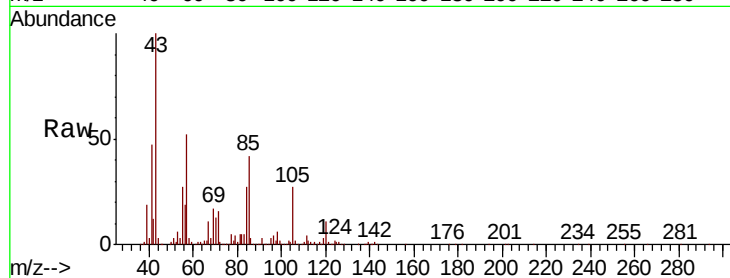
Acq: 25 Mar 2021 15:34

Tot Ion:105 Resp: 370867

Ion Ratio Lower Upper

105 100

120 42.5 36.6 54.8



#74

1,2,4-Trimethylbenzene

Concen: 1.988 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.00 min

Lab File: VL036487.D

Acq: 25 Mar 2021 15:34

Tgt Ion:105 Resp: 911428

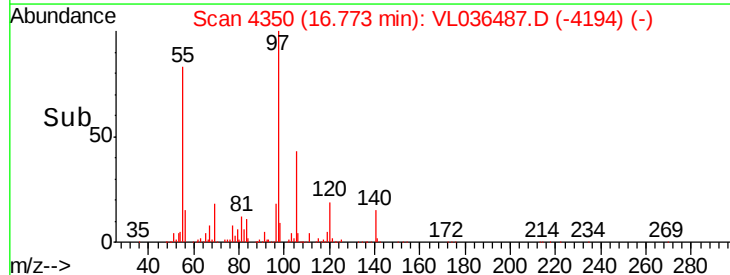
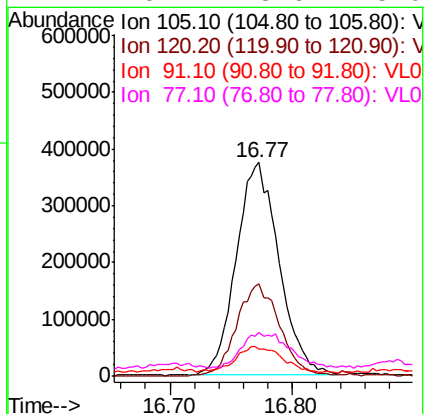
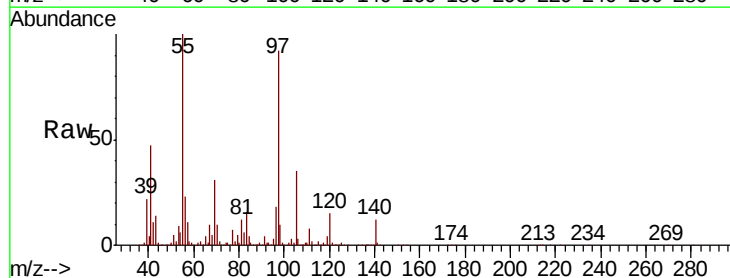
Ion Ratio Lower Upper

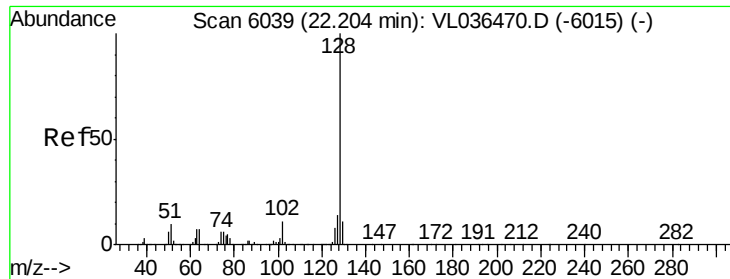
105 100

120 43.1 39.2 58.8

91 11.3 42.6 64.0#

77 16.1 18.6 28.0#





#79

Naphthalene

Concen: 0.023 ppbv

RT: 22.20 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 15:34

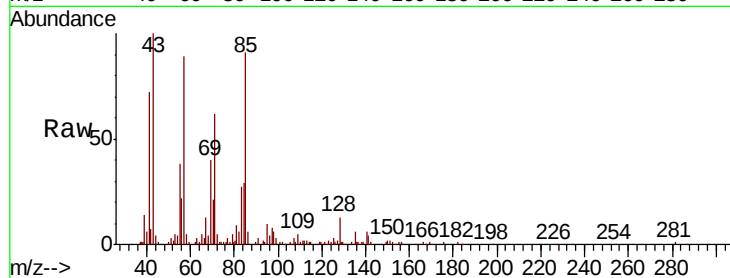
Tot Ion:128 Resp: 6143

Ion Ratio Lower Upper

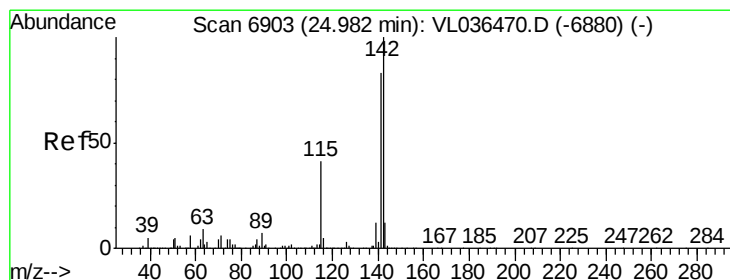
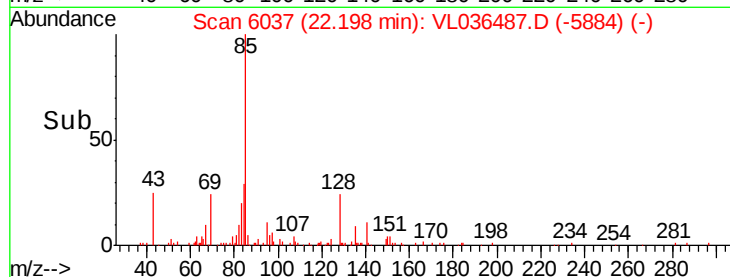
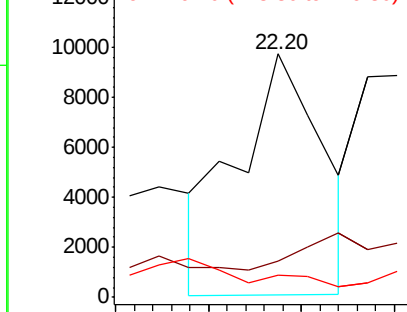
128 100

127 5.1 10.9 16.3#

129 9.2 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



#80

Naphthalene, 2-methyl-

Concen: 0.036 ppbv

RT: 25.00 min Scan# 6910

Delta R.T. 0.02 min

Lab File: VL036487.D

Acq: 25 Mar 2021 15:34

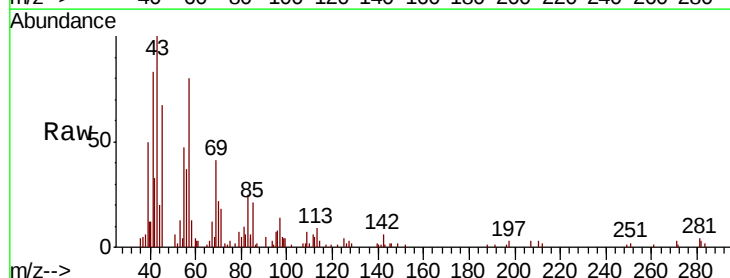
Tgt Ion:142 Resp: 1874

Ion Ratio Lower Upper

142 100

141 108.5 67.8 101.8#

115 14.0 34.0 51.0#



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V

