

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036810.D
 Acq On : 13 Apr 2021 19:33
 Operator : SY/AP
 Sample : M2018-02 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 14 04:41:40 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	1321940	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3372321	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2736709	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1988164	9.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.20%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	20945	0.097	ppbv 91
3) Chlorodifluoromethane	2.96	51	87966	0.356	ppbv # 74
4) Chloromethane	3.14	50	17391	0.199	ppbv # 86
9) Propene	3.01	41	3365354	42.741	ppbv 93
10) Heptane	8.13	43	2981617	14.864	ppbv 99
11) Trichlorofluoromethane	3.94	101	31966	0.145	ppbv 97
13) Ethanol	3.61	45	116061	12.378	ppbv 69
15) Acetone	3.84	43	2960373	22.753	ppbv # 84
16) 1,3-Butadiene	3.30	39	1665707	18.389	ppbv # 54
17) tert-Butyl alcohol	4.30	59	256390	2.264	ppbv # 94
19) Isopropyl Alcohol	4.00	45	96299	1.345	ppbv # 89
20) Methylene Chloride	4.34	84	51543	0.846	ppbv # 92
21) Allyl Chloride	4.40	41	51837	0.500	ppbv # 1
23) Vinyl Acetate	5.05	43	149487	0.672	ppbv # 1
25) Ethyl Acetate	5.68	43	595584	1.925	ppbv # 82
26) Hexane	5.68	57	743828	5.182	ppbv # 47
27) Carbon Disulfide	4.55	76	2422191	17.129	ppbv 98
30) Cyclohexane	7.13	84	281039	2.414	ppbv 91
34) 2-Butanone	5.25	43	185974	1.130	ppbv # 90
36) Benzene	6.89	78	1174087	3.775	ppbv 96
39) 1,2-Dichloropropane	7.49	63	11855	0.094	ppbv # 1
41) Tetrahydrofuran	6.06	42	4105	0.054	ppbv # 11
42) Bromodichloromethane	7.80	83	180069	0.723	ppbv # 26
43) Methyl Methacrylate	7.99	69	4064	0.039	ppbv # 1
44) 2,2,4-Trimethylpentane	7.87	57	299041	0.546	ppbv # 1
50) 4-Methyl-2-Pentanone	8.76	43	109695	0.461	ppbv # 66
51) 2-Hexanone	10.11	43	106290	0.884	ppbv # 46
53) Toluene	9.81	91	1742497	5.261	ppbv 99
58) Ethyl Benzene	12.72	91	284231	0.714	ppbv 90
59) m/p-Xylene	13.00	91	179699	0.517	ppbv # 32
60) o-Xylene	13.70	91	175781	0.523	ppbv 97
61) Styrene	13.53	104	252777	1.496	ppbv 99
62) Isopropylbenzene	14.67	105	5936953	13.129	ppbv 99
64) n-propylbenzene	15.57	120	4855	0.044	ppbv # 1
72) 4-Ethyltoluene	15.84	105	38664	0.105	ppbv # 51
73) 1,3,5-Trimethylbenzene	16.00	105	22178	0.065	ppbv 94
74) 1,2,4-Trimethylbenzene	16.76	105	58930	0.160	ppbv # 66
80) Naphthalene, 2-methyl-	24.98	142	2259	0.053	ppbv # 38

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041321\
Data File : VL036810.D
Acq On : 13 Apr 2021 19:33
Operator : SY/AP
Sample : M2018-02 2X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

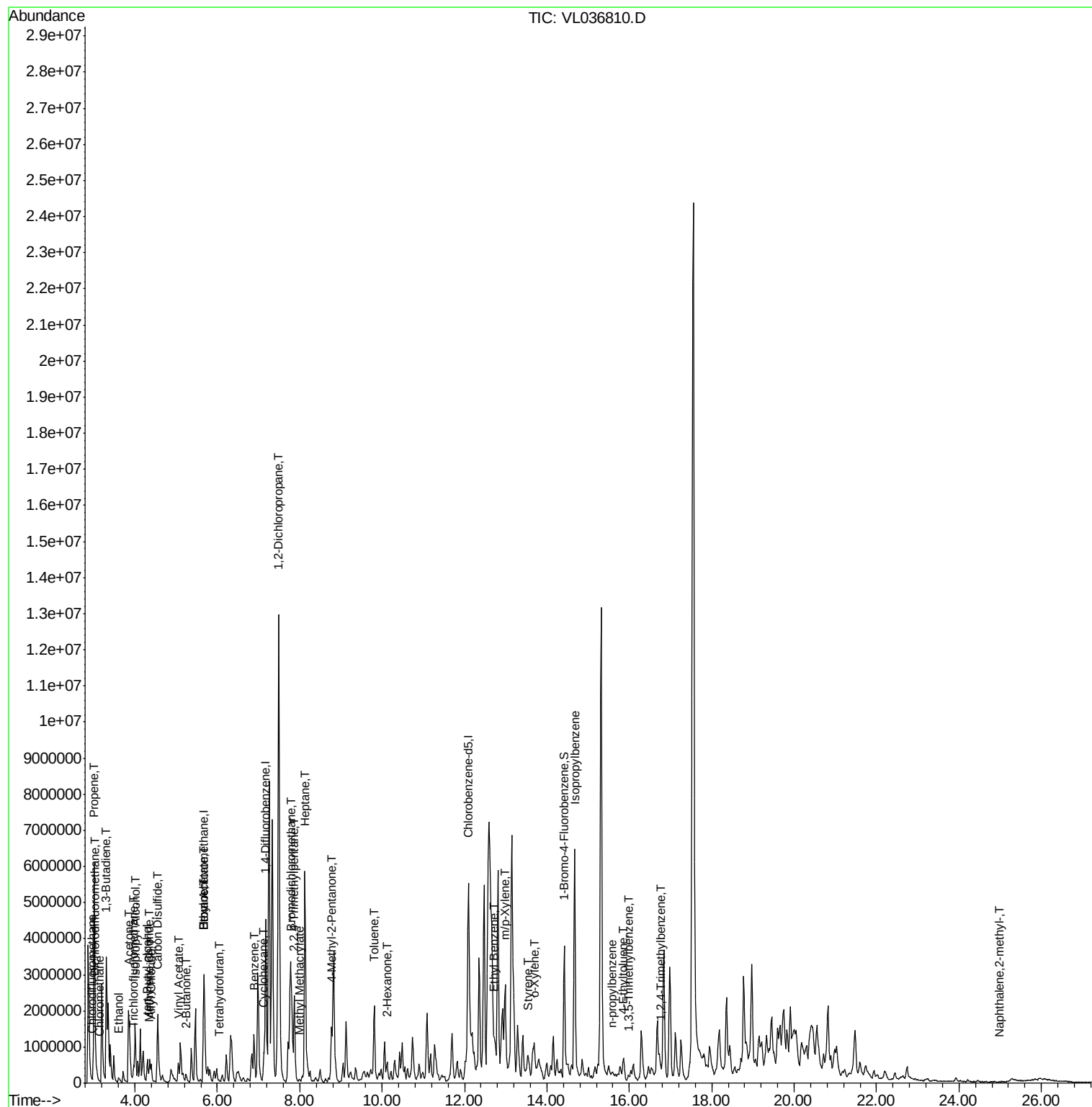
Quant Time: Apr 14 04:41:40 2021

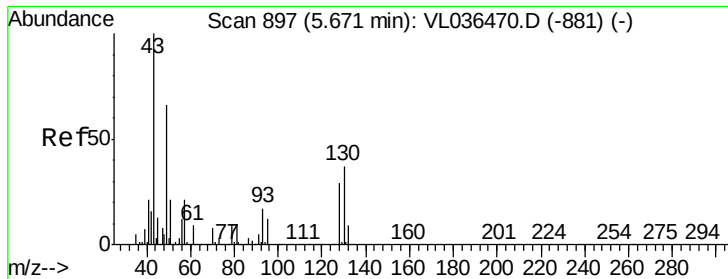
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 19:33

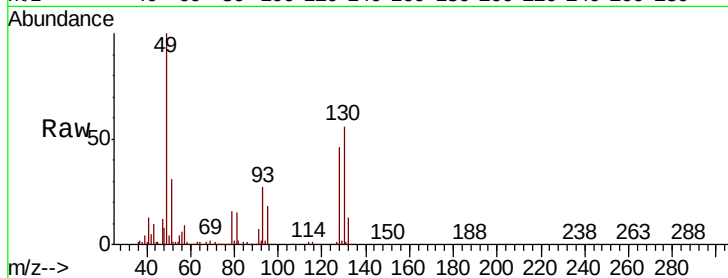
Tot Ion: 49 Resp: 1321940

Ion Ratio Lower Upper

49 100

128 47.3 23.5 70.6

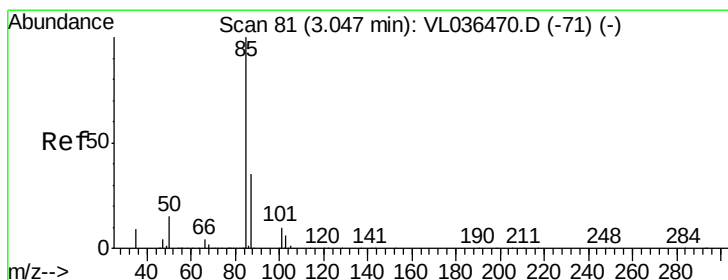
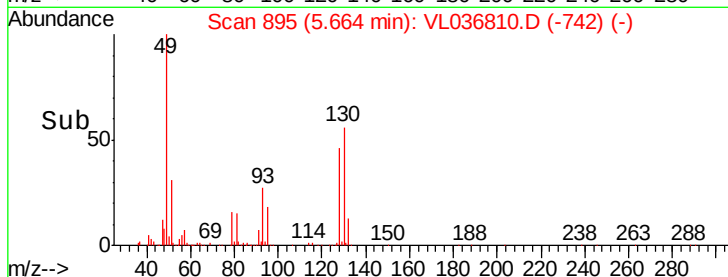
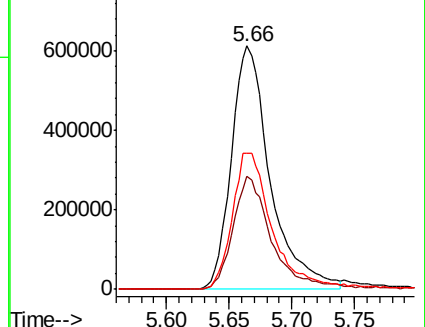
130 59.3 29.1 87.4



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



#2

Dichlorodifluoromethane

Concen: 0.097 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL036810.D

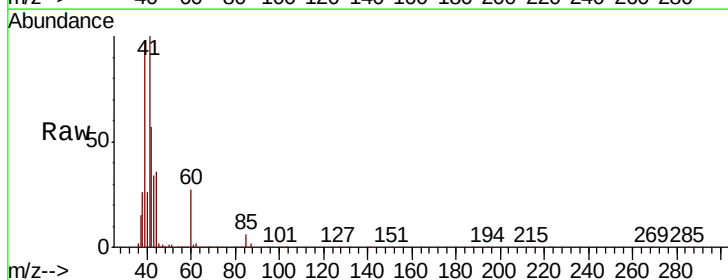
Acq: 13 Apr 2021 19:33

Tgt Ion: 85 Resp: 20945

Ion Ratio Lower Upper

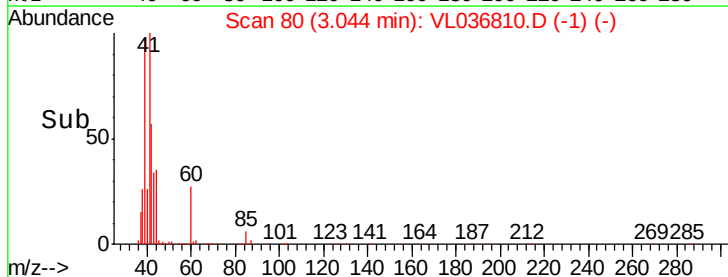
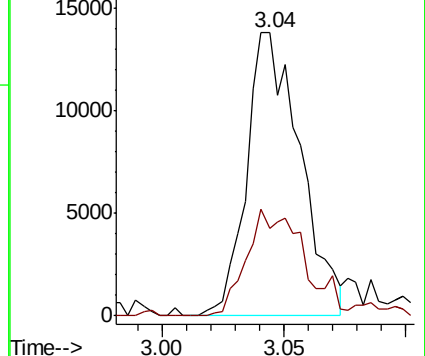
85 100

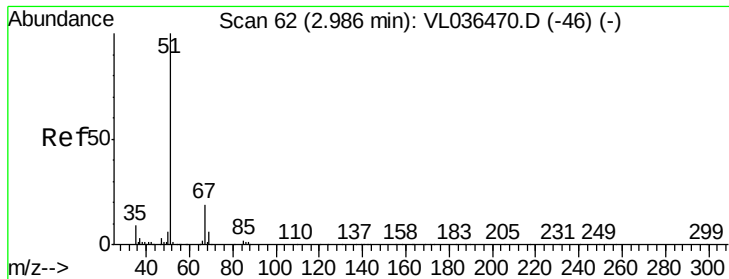
87 29.4 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.356 ppbv

RT: 2.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

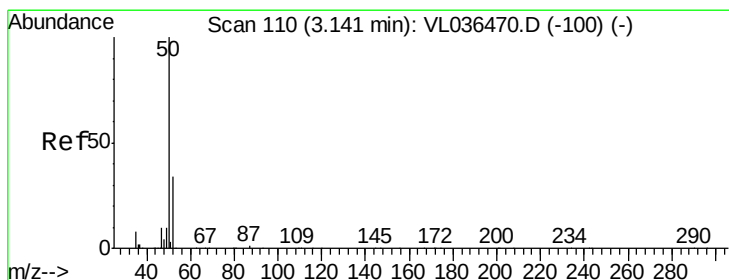
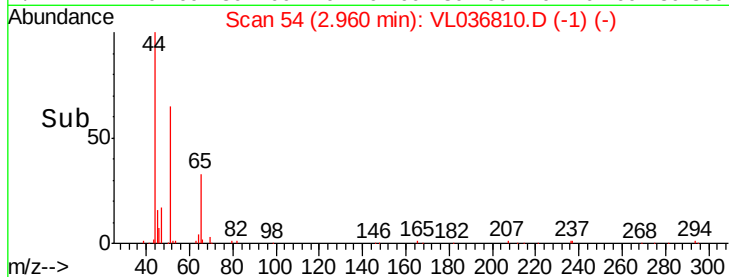
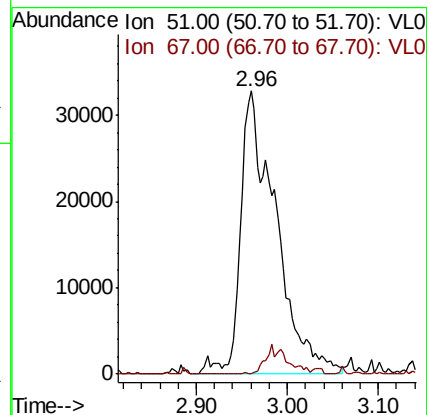
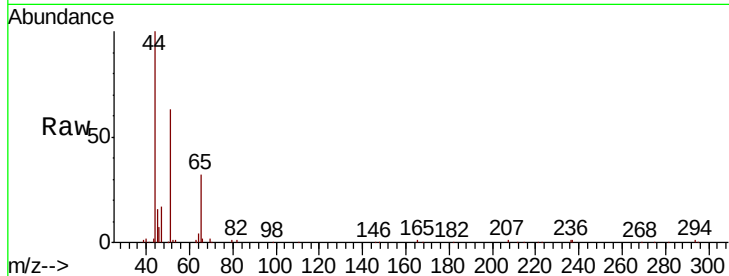
Acq: 13 Apr 2021 19:33

Tot Ion: 51 Resp: 87966

Ion Ratio Lower Upper

51 100

67 6.7 14.7 22.1#



#4

Chloromethane

Concen: 0.199 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL036810.D

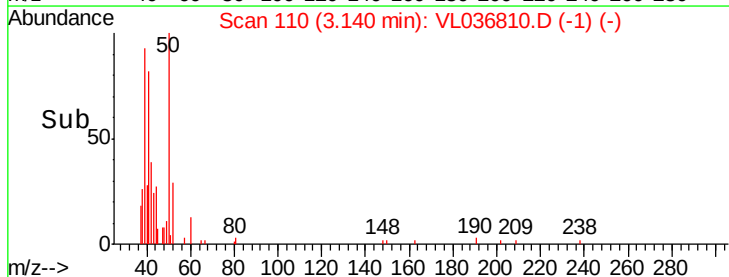
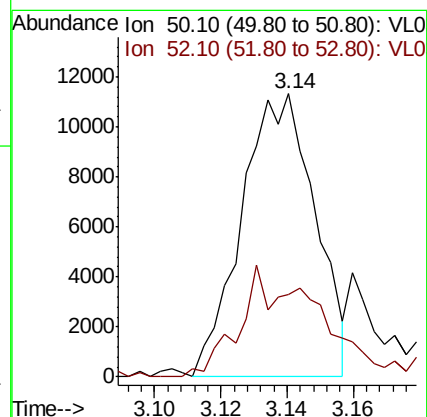
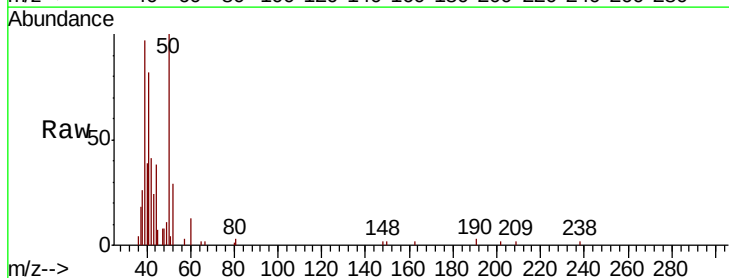
Acq: 13 Apr 2021 19:33

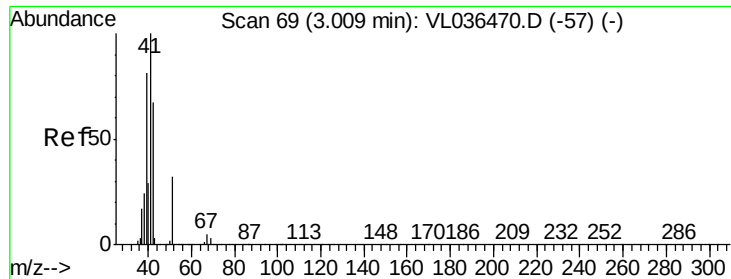
Tgt Ion: 50 Resp: 17391

Ion Ratio Lower Upper

50 100

52 26.0 27.0 40.6#





#9

Propene

Concen: 42.741 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

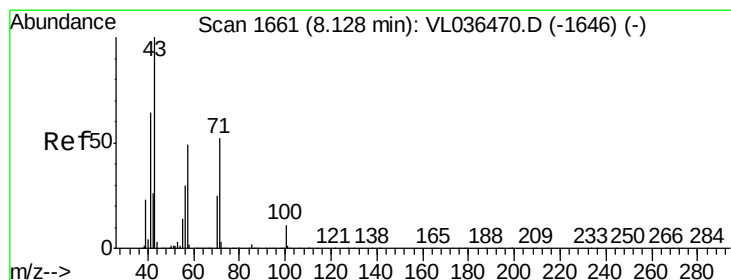
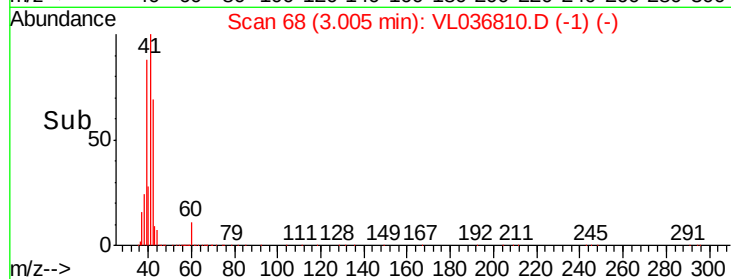
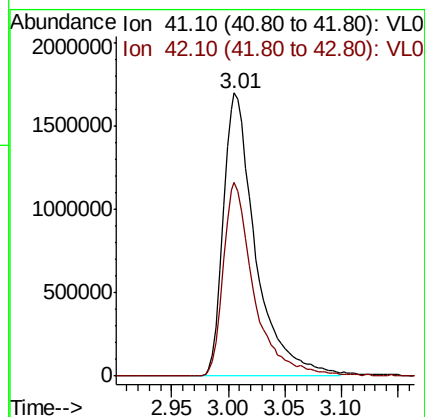
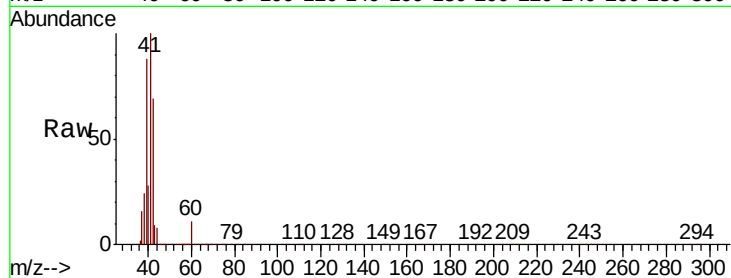
Acq: 13 Apr 2021 19:33

Tot Ion: 41 Resp: 3365354

Ion Ratio Lower Upper

41 100

42 65.7 57.0 85.4



#10

Heptane

Concen: 14.864 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VL036810.D

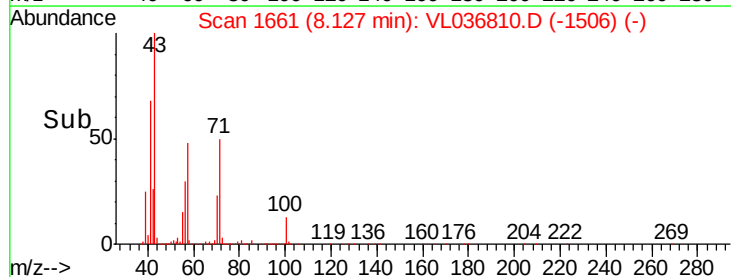
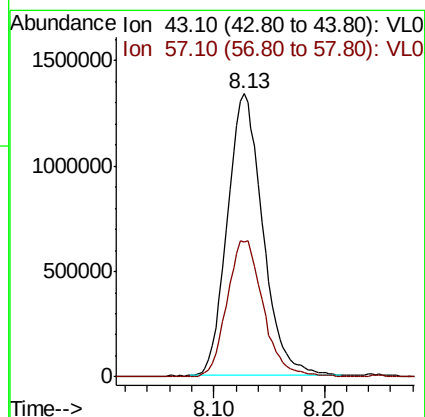
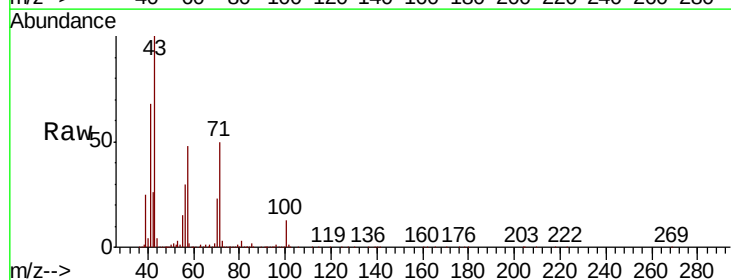
Acq: 13 Apr 2021 19:33

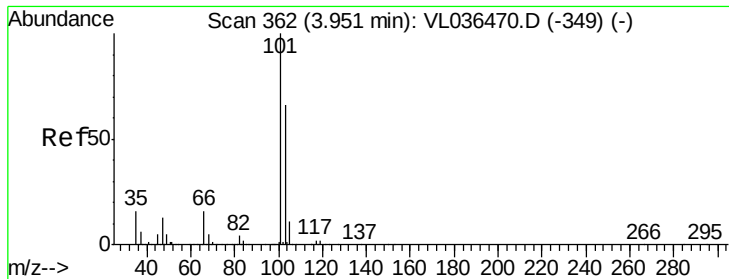
Tgt Ion: 43 Resp: 2981617

Ion Ratio Lower Upper

43 100

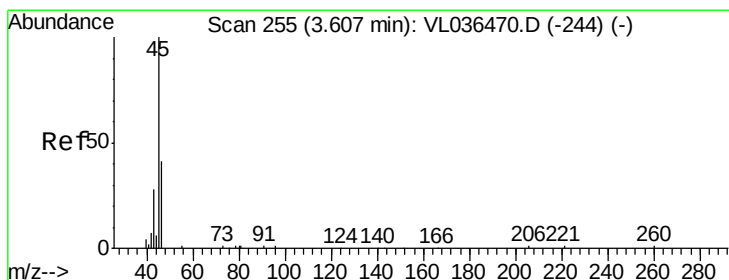
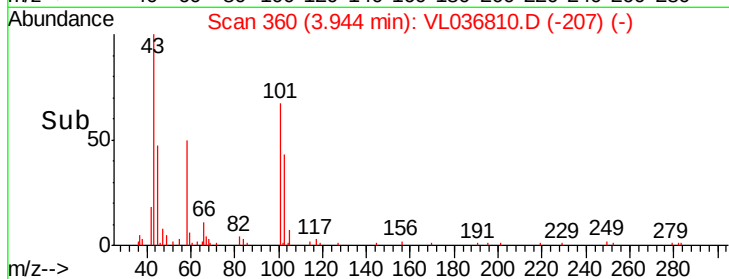
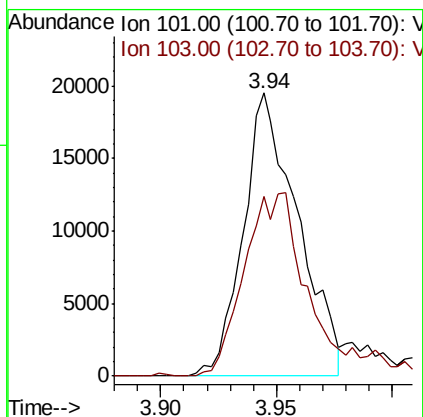
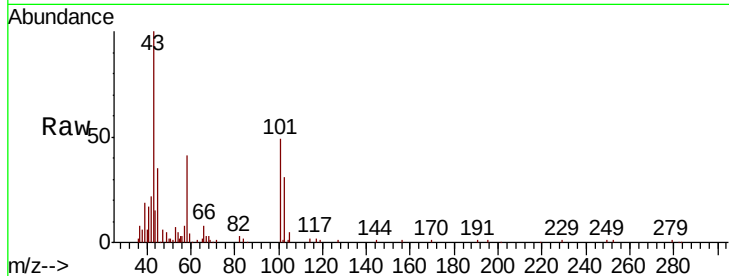
57 49.6 39.0 58.6





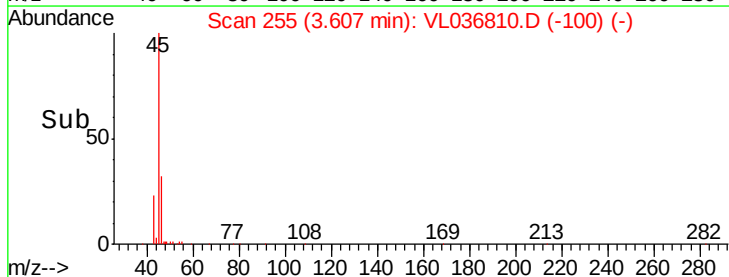
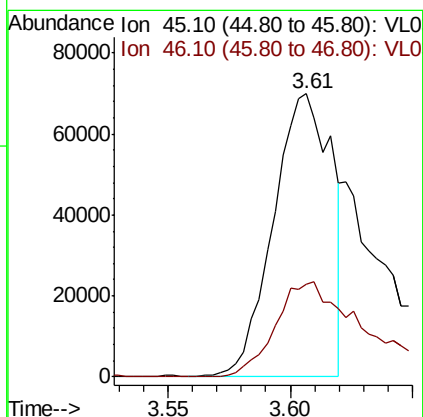
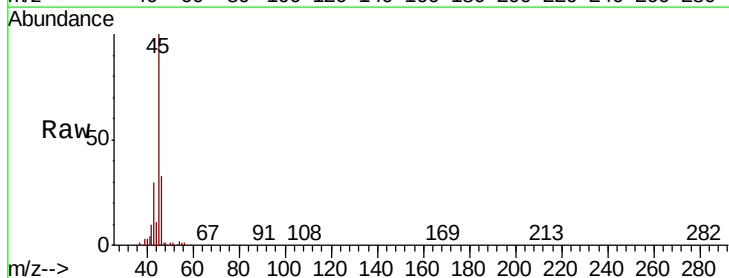
#11
 Trichlorofluoromethane
 Concen: 0.145 ppbv
 RT: 3.94 Instrument :
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Apr 2021 19:33

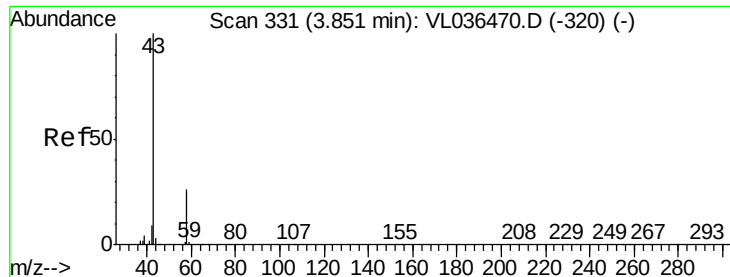
Tot Ion:101 Resp: 31966
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.5 78.7



#13
 Ethanol
 Concen: 12.378 ppbv
 RT: 3.61 min Scan# 255
 Delta R.T. -0.00 min
 Lab File: VL036810.D
 Acq: 13 Apr 2021 19:33

Tgt Ion: 45 Resp: 116061
 Ion Ratio Lower Upper
 45 100
 46 60.7 16.6 66.2





#15

Acetone

Concen: 22.753 ppbv

RT: 3.84 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

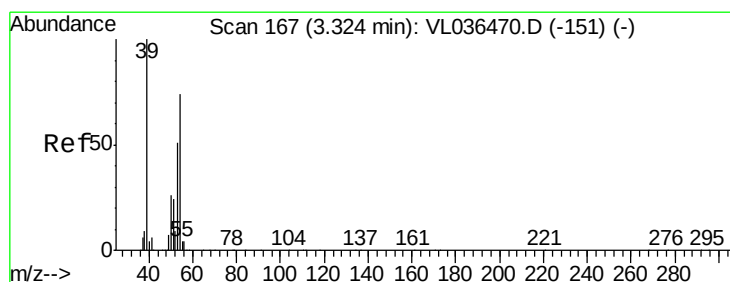
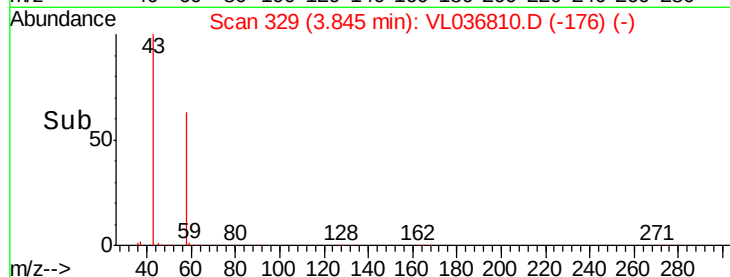
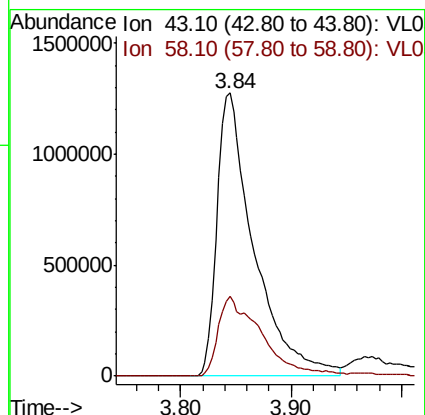
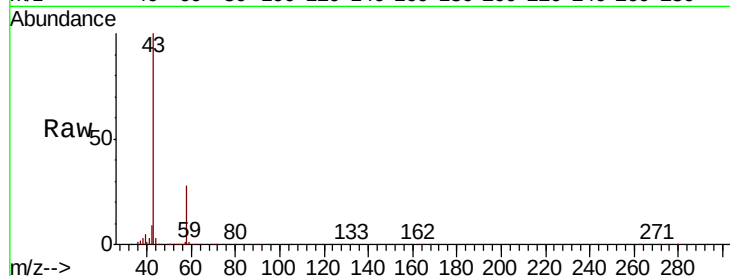
Acq: 13 Apr 2021 19:33

Tot Ion: 43 Resp: 2960373

Ion Ratio Lower Upper

43 100

58 34.6 21.2 31.8#



#16

1,3-Butadiene

Concen: 18.389 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.02 min

Lab File: VL036810.D

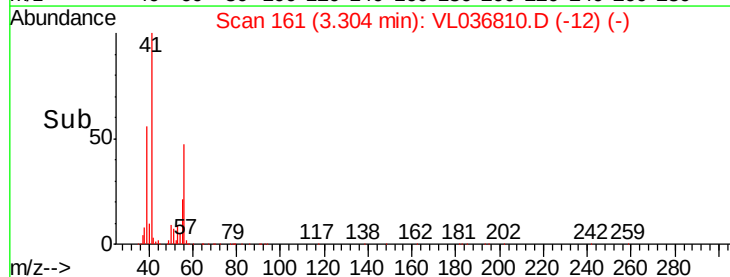
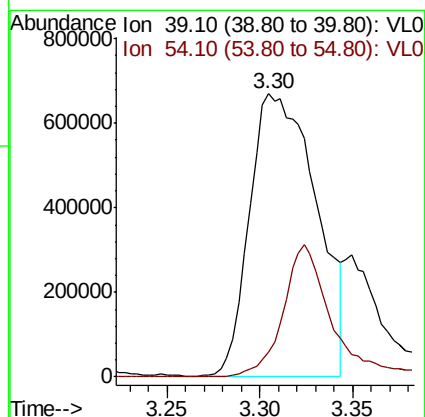
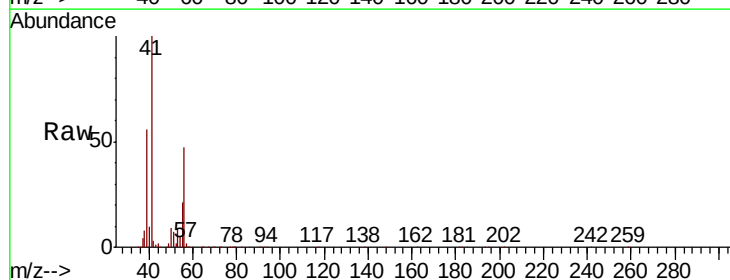
Acq: 13 Apr 2021 19:33

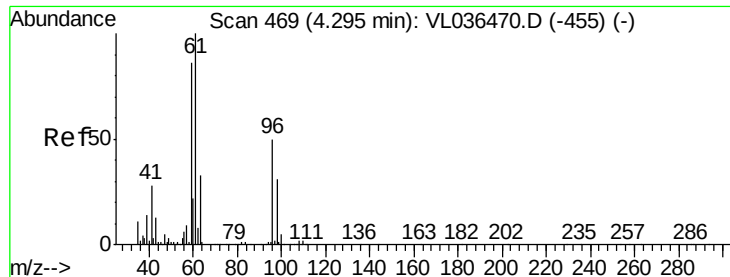
Tgt Ion: 39 Resp: 1665707

Ion Ratio Lower Upper

39 100

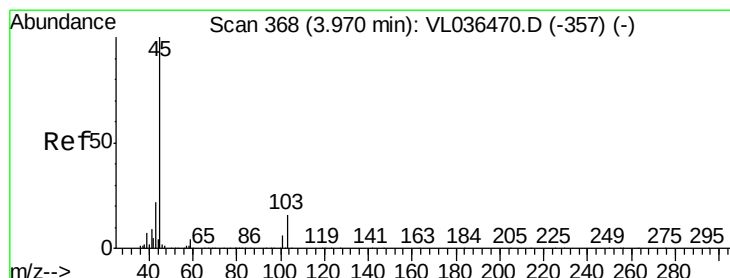
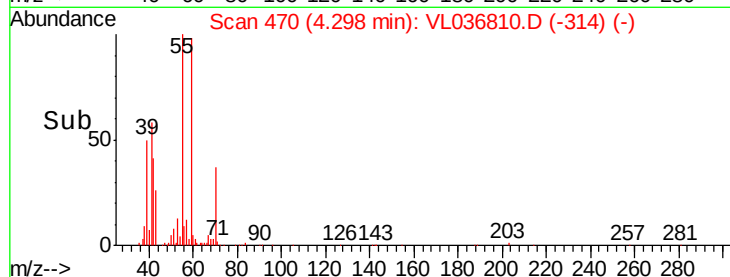
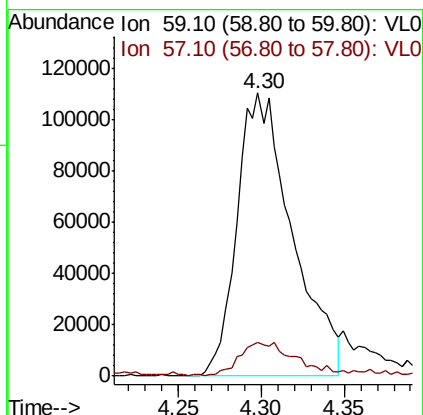
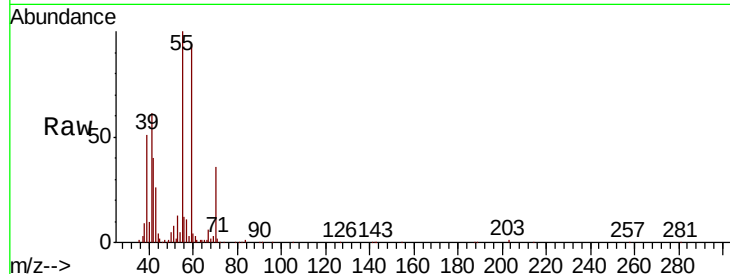
54 34.5 58.8 88.2#





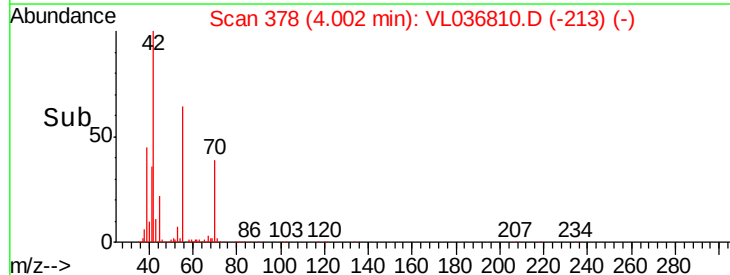
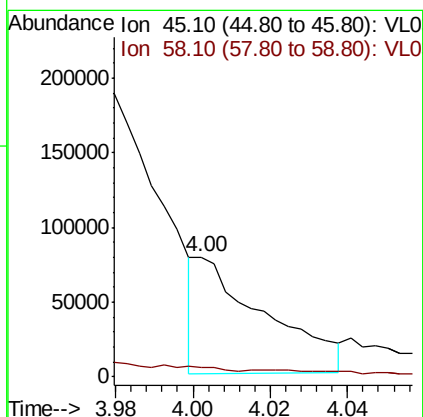
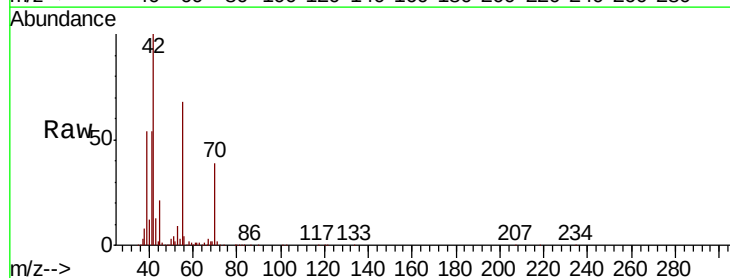
#17
 tert-Butyl alcohol
 Concen: 2.264 ppbv
 RT: 4.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Apr 2021 19:33

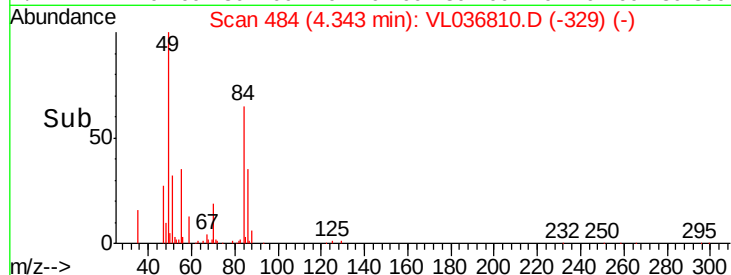
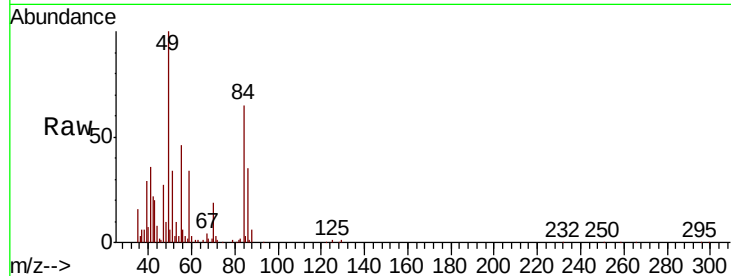
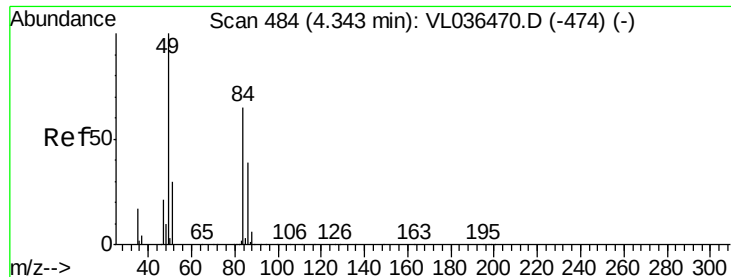
Tot Ion: 59 Resp: 256390
 Ion Ratio Lower Upper
 59 100
 57 13.0 8.6 12.8#



#19
 Isopropyl Alcohol
 Concen: 1.345 ppbv
 RT: 4.00 min Scan# 378
 Delta R.T. 0.03 min
 Lab File: VL036810.D
 Acq: 13 Apr 2021 19:33

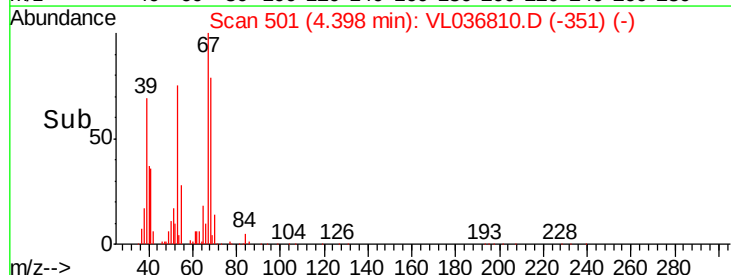
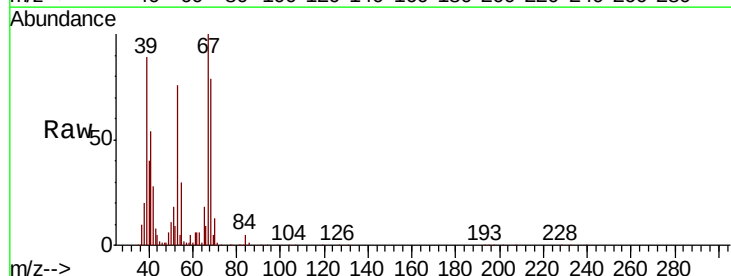
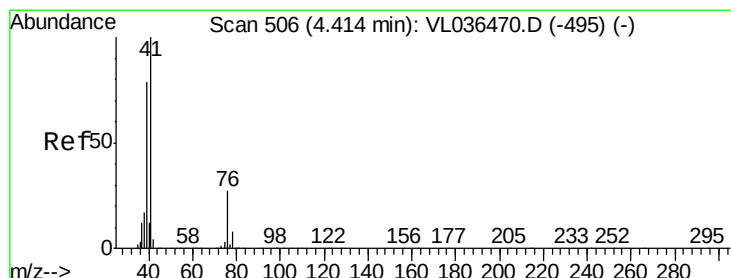
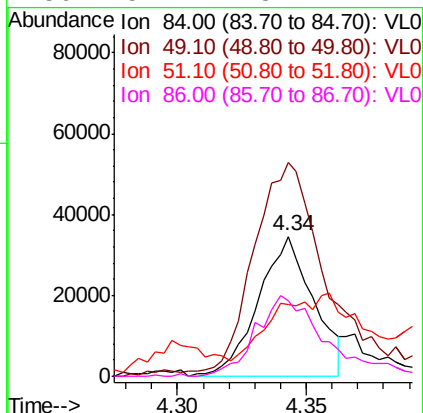
Tgt Ion: 45 Resp: 96299
 Ion Ratio Lower Upper
 45 100
 58 0.0 2.9 4.3#





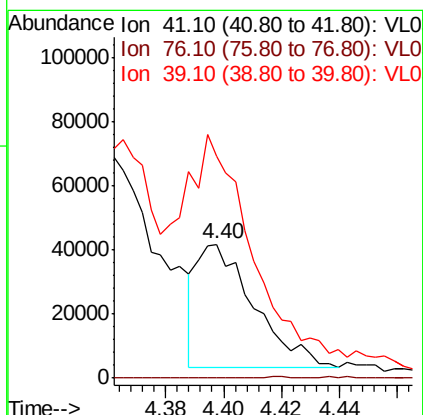
#20
Methylene Chloride
Concen: 0.846 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 13 Apr 2021 19:33

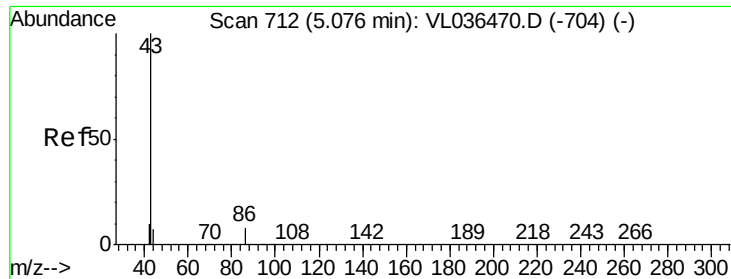
Tot Ion:	84	Resp:	51543
Ion	Ratio	Lower	Upper
84	100		
49	149.6	122.9	184.3
51	30.0	36.9	55.3#
86	54.2	48.2	72.4



#21
Allyl Chloride
Concen: 0.500 ppbv
RT: 4.40 min Scan# 501
Delta R.T. -0.02 min
Lab File: VL036810.D
Acq: 13 Apr 2021 19:33

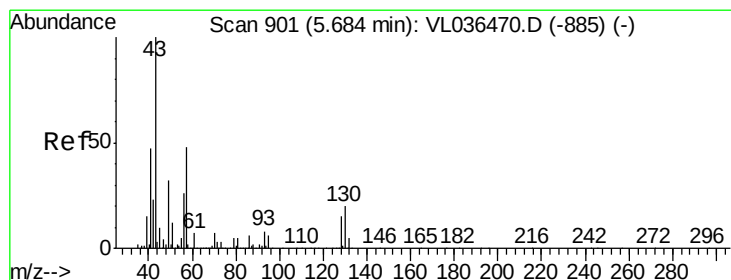
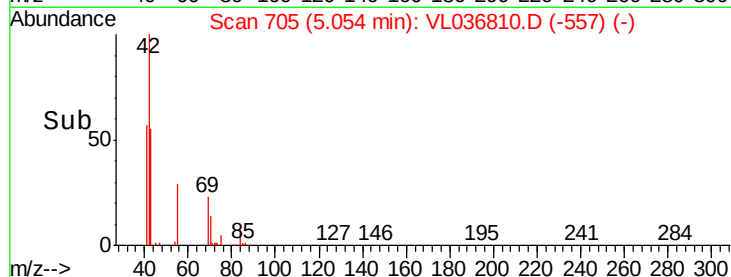
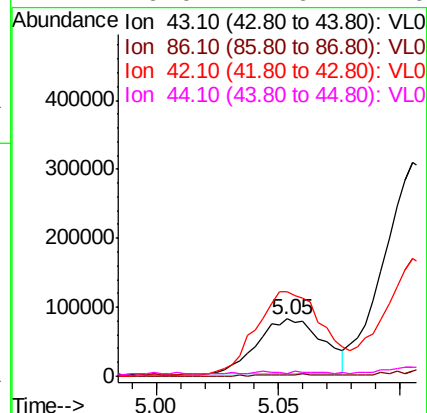
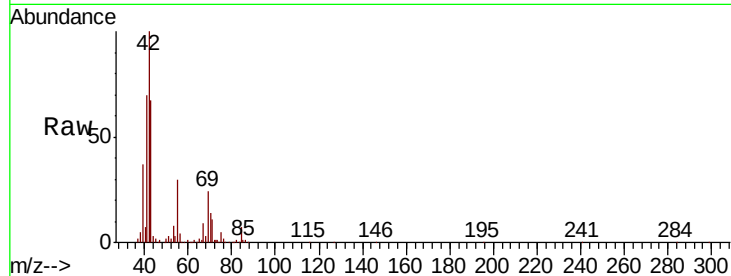
Tgt Ion:	41	Resp:	51837
Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.9	34.3#
39	498.1	67.3	100.9#





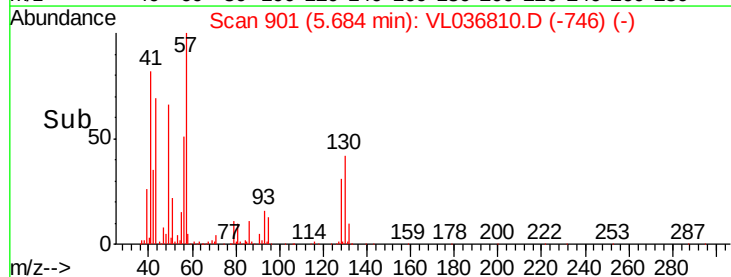
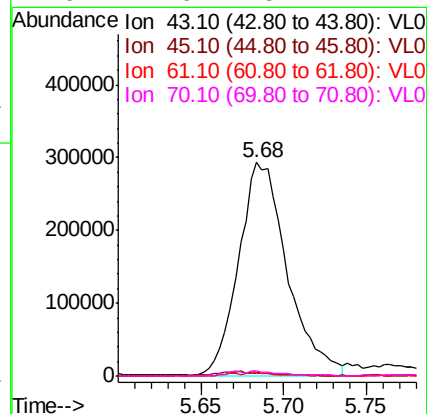
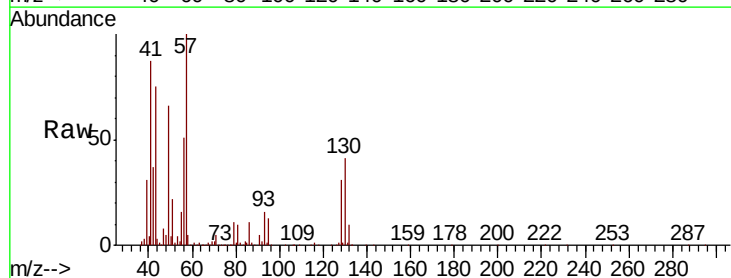
#23
 Vinyl Acetate
 Concen: 0.672 ppbv
 RT: 5.05
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Apr 2021 19:33

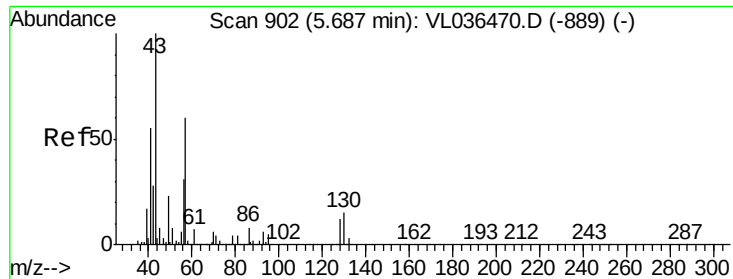
Tot Ion:	43	Resp:	149487
Ion	Ratio	Lower	Upper
43	100		
86	2.2	5.4	8.0#
42	153.4	8.5	12.7#
44	0.0	4.6	7.0#



#25
 Ethyl Acetate
 Concen: 1.925 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T.: -0.00 min
 Lab File: VL036810.D
 Acq: 13 Apr 2021 19:33

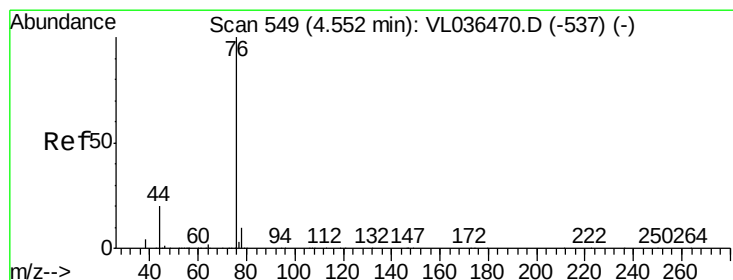
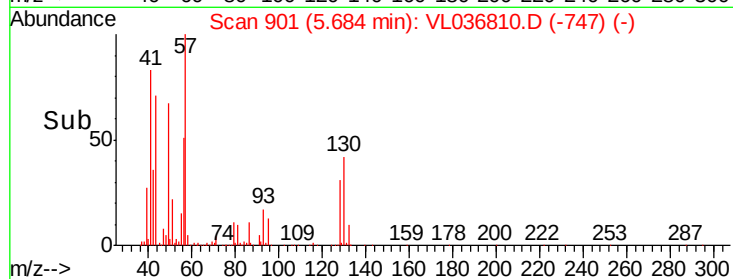
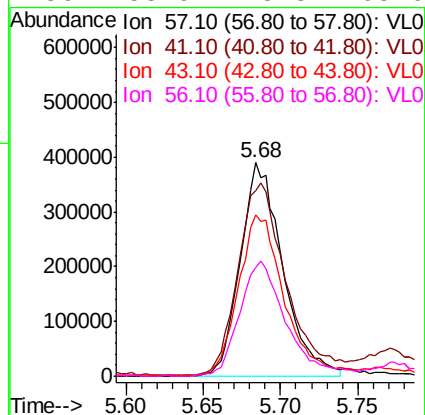
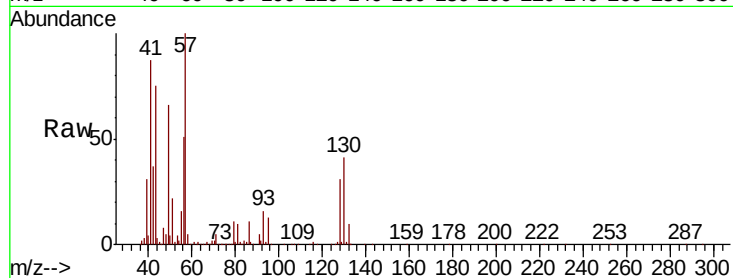
Tgt Ion:	43	Resp:	595584
Ion	Ratio	Lower	Upper
43	100		
45	2.5	7.9	11.9#
61	1.5	7.4	11.2#
70	2.6	5.1	7.7#





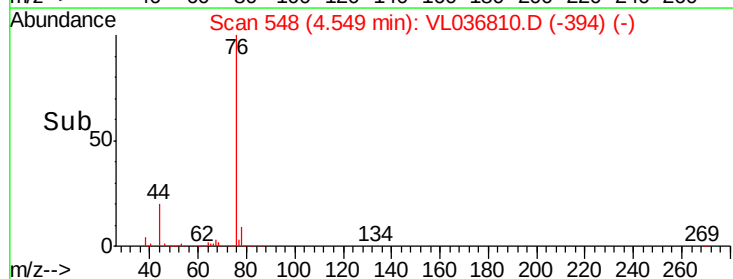
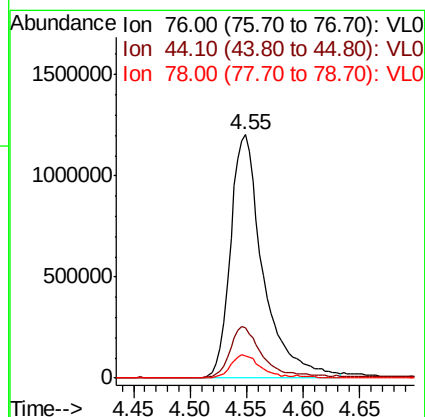
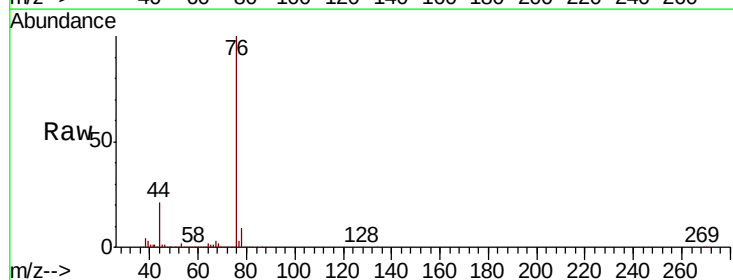
#26
Hexane
Concen: 5.182 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Apr 2021 19:33

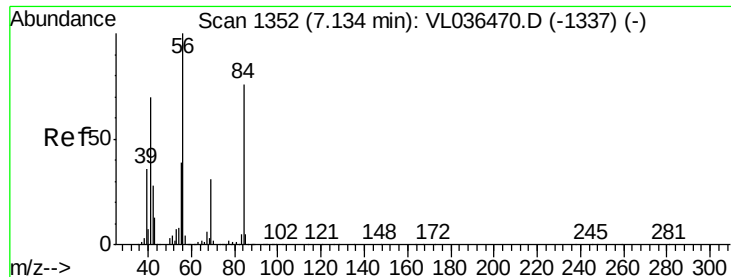
Tot Ion:	57	Resp:	743828
Ion	Ratio	Lower	Upper
57	100		
41	102.5	77.2	115.8
43	81.4	173.8	260.6#
56	58.9	43.8	65.6



#27
Carbon Disulfide
Concen: 17.129 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.00 min
Lab File: VL036810.D
Acq: 13 Apr 2021 19:33

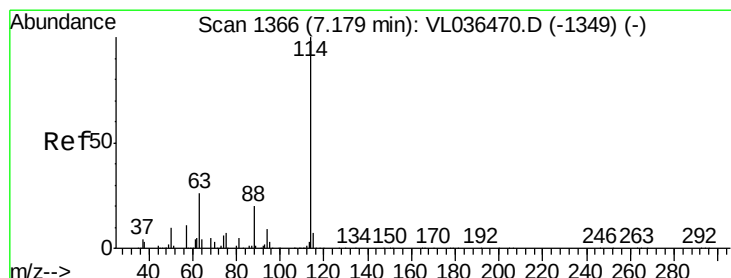
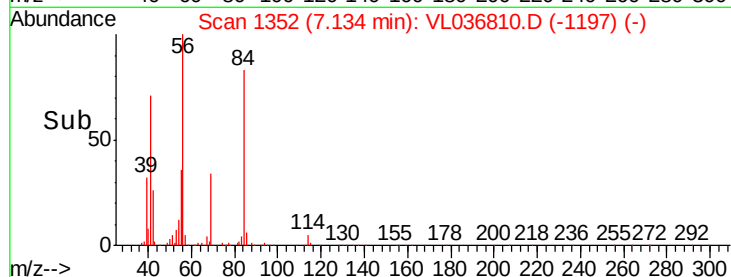
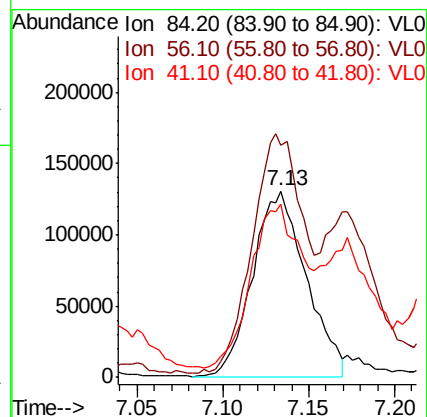
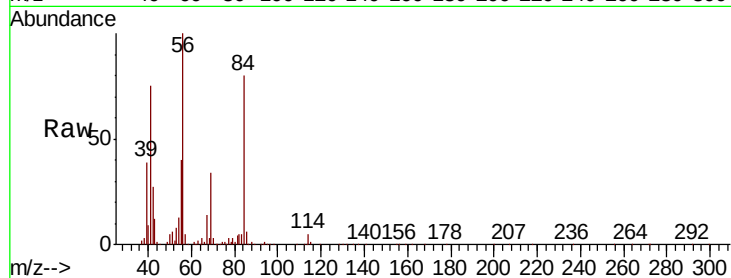
Tgt Ion:	76	Resp:	2422191
Ion	Ratio	Lower	Upper
76	100		
44	21.0	17.5	26.3
78	9.5	8.6	13.0





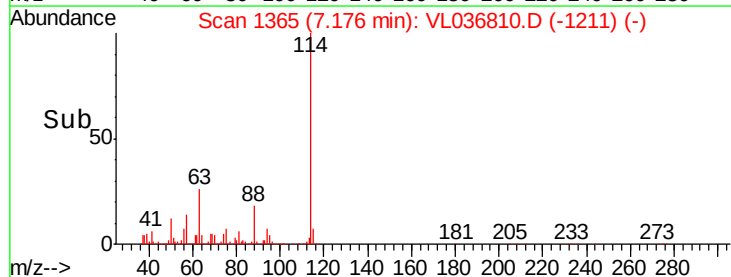
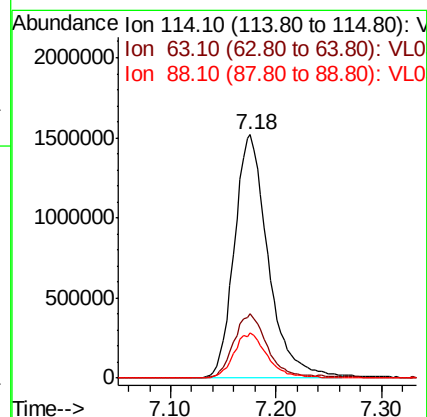
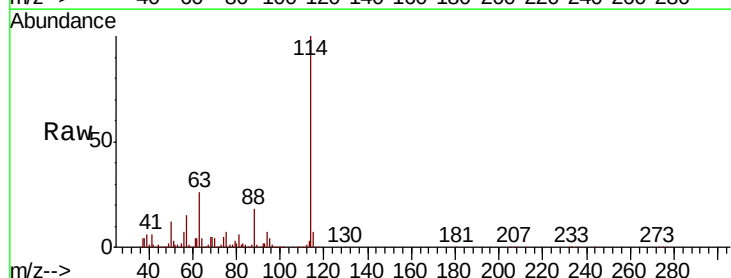
#30
Cyclohexane
Concen: 2.414 ppbv
RT: 7.13 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Apr 2021 19:33

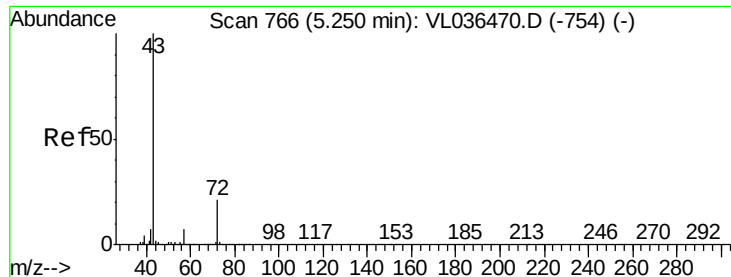
Tot Ion	Ratio	Lower	Upper
84	100		
56	127.8	114.6	171.8
41	90.9	75.3	112.9



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T.: -0.00 min
Lab File: VL036810.D
Acq: 13 Apr 2021 19:33

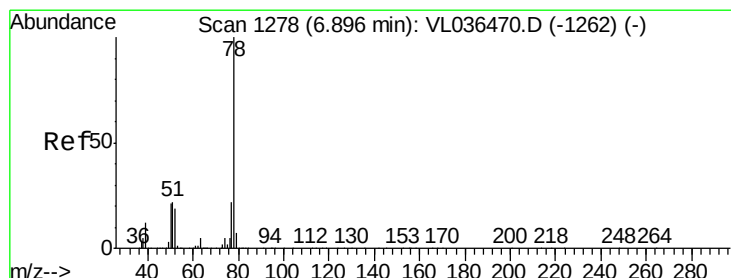
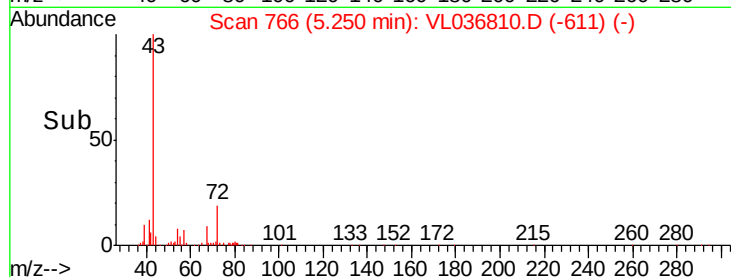
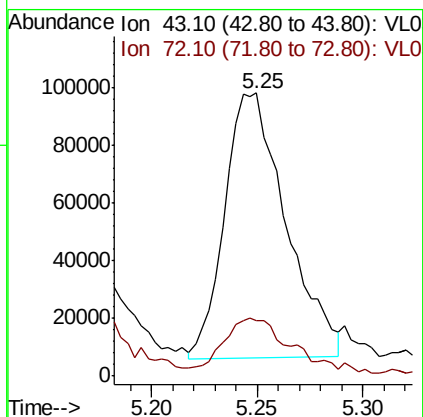
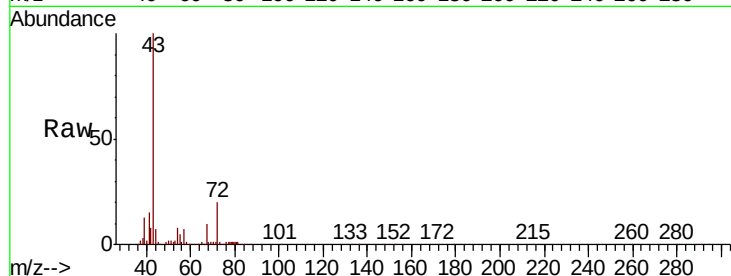
Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.4	33.6
88	18.5	15.4	23.0





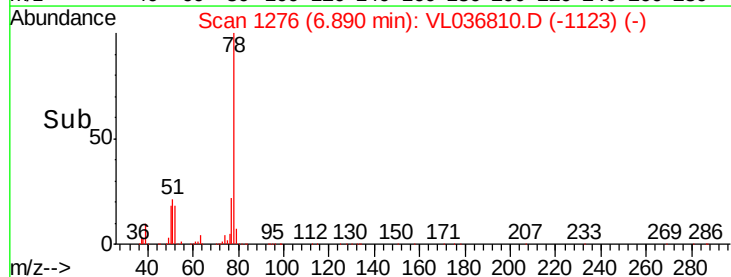
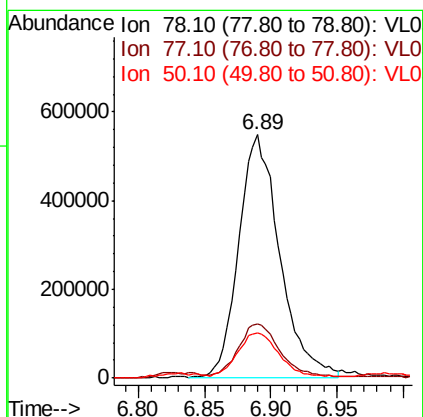
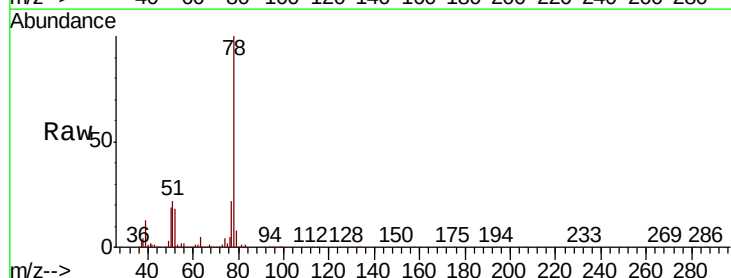
#34
 2-Butanone
 Concen: 1.130 ppbv
 RT: 5.25
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Apr 2021 19:33

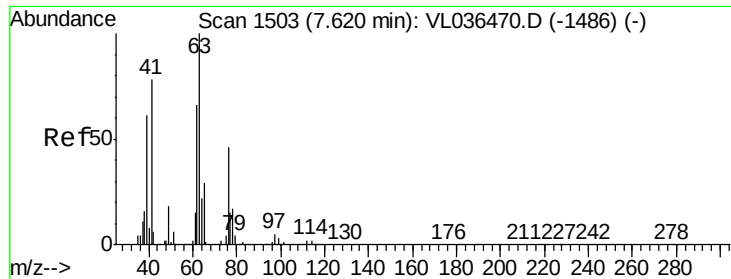
Tot Ion: 43 Resp: 185974
 Ion Ratio Lower Upper
 43 100
 72 26.1 17.0 25.6#



#36
 Benzene
 Concen: 3.775 ppbv
 RT: 6.89 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: VL036810.D
 Acq: 13 Apr 2021 19:33

Tgt Ion: 78 Resp: 1174087
 Ion Ratio Lower Upper
 78 100
 77 21.4 18.0 27.0
 50 17.8 16.5 24.7





#39

1,2-Dichloropropane

Concen: 0.094 ppbv

RT: 7.49 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 19:33

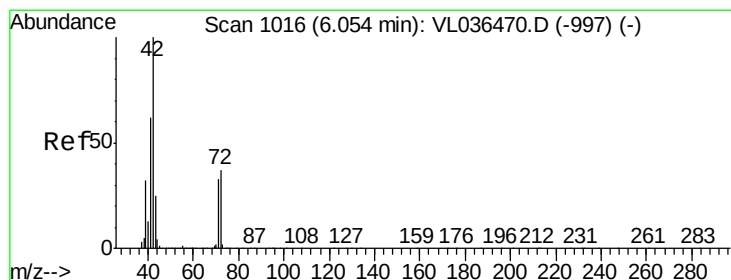
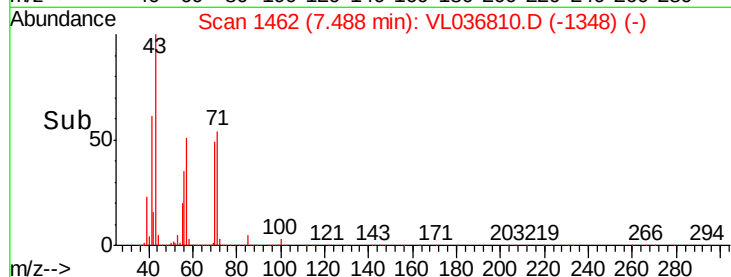
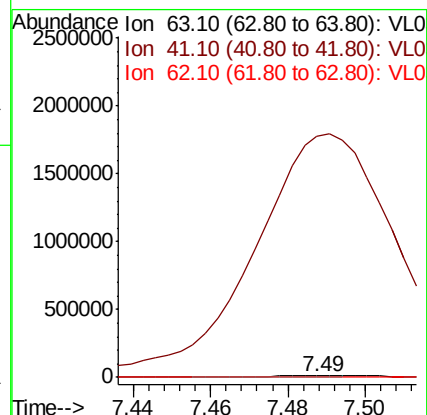
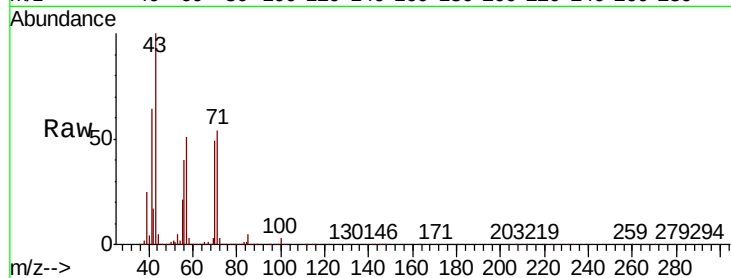
Tot Ion: 63 Resp: 11855

Ion Ratio Lower Upper

63 100

41 15925.1 62.4 93.6#

62 43.9 52.8 79.2#



#41

Tetrahydrofuran

Concen: 0.054 ppbv

RT: 6.06 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VL036810.D

Acq: 13 Apr 2021 19:33

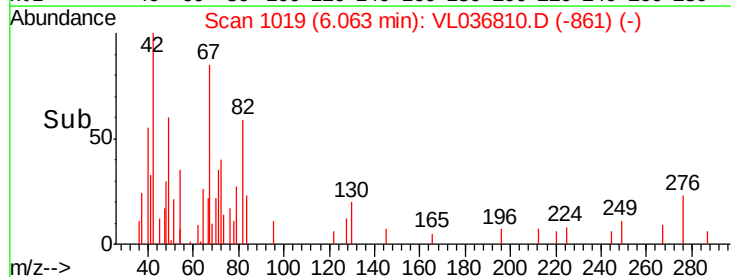
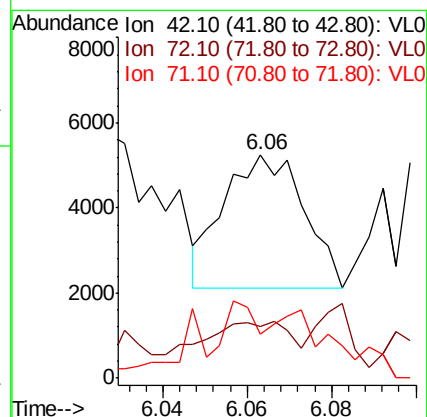
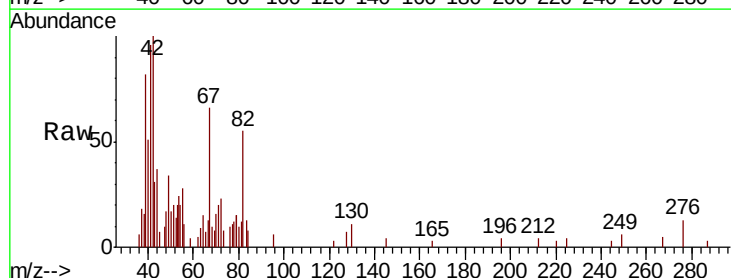
Tgt Ion: 42 Resp: 4105

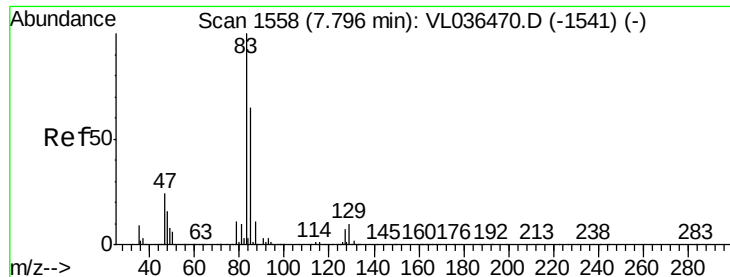
Ion Ratio Lower Upper

42 100

72 76.9 27.6 41.4#

71 93.3 27.0 40.4#





#42

Bromodichloromethane

Concen: 0.723 ppbv

RT: 7.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 19:33

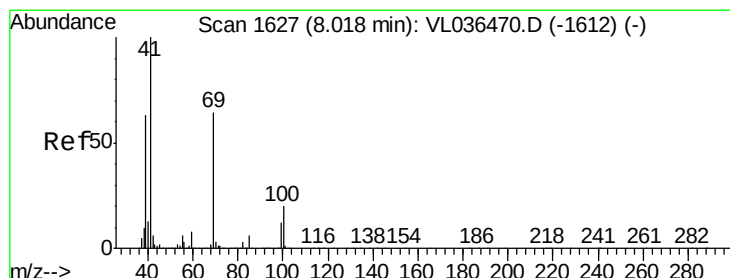
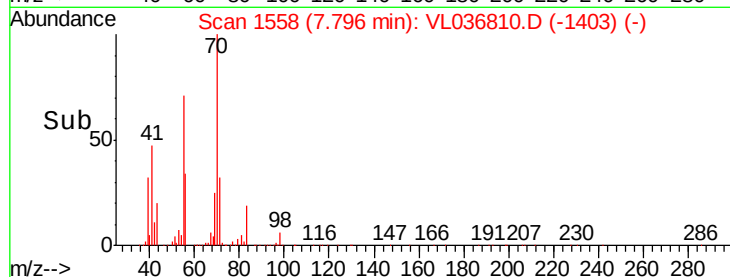
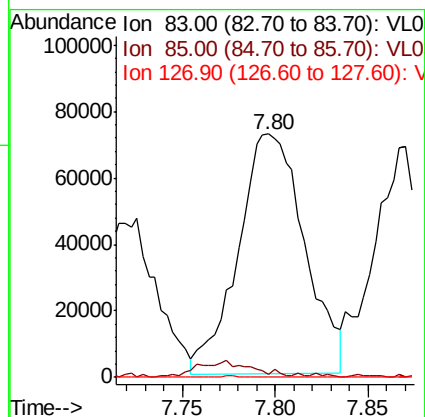
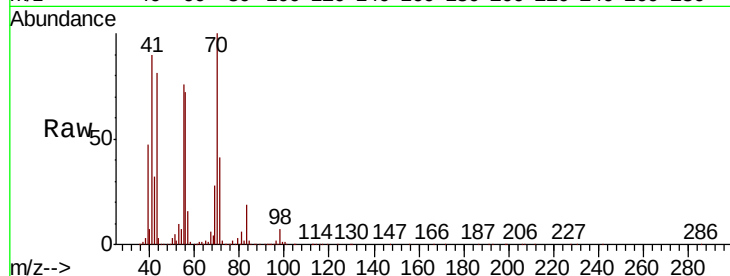
Tot Ion: 83 Resp: 180069

Ion Ratio Lower Upper

83 100

85 1.6 51.8 77.6#

127 0.0 5.8 8.8#



#43

Methyl Methacrylate

Concen: 0.039 ppbv

RT: 7.99 min Scan# 1619

Delta R.T. -0.03 min

Lab File: VL036810.D

Acq: 13 Apr 2021 19:33

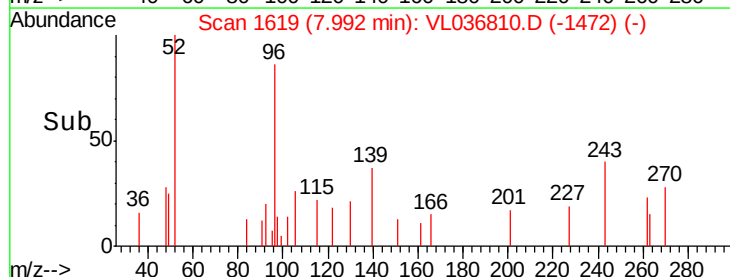
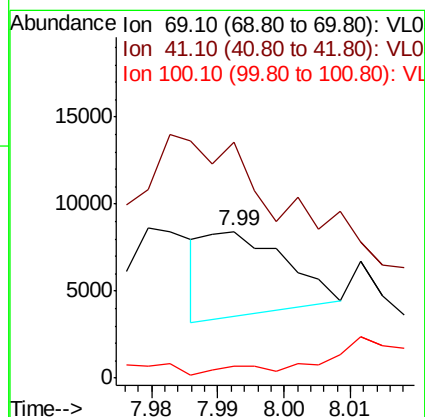
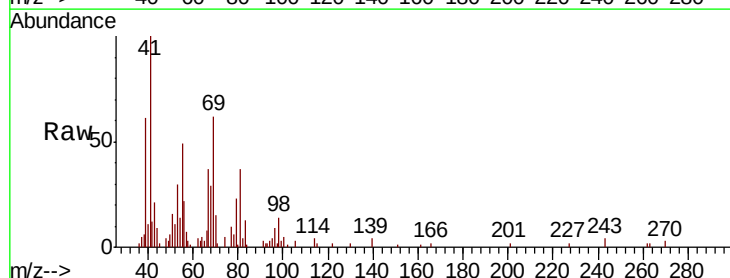
Tgt Ion: 69 Resp: 4064

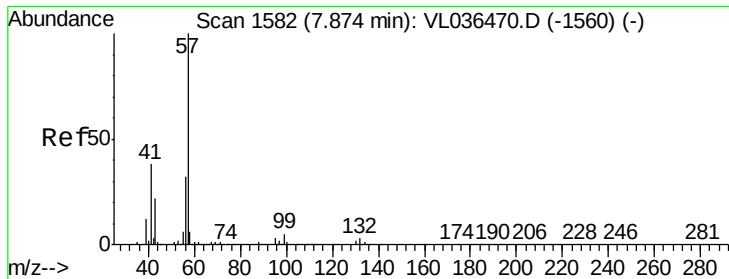
Ion Ratio Lower Upper

69 100

41 0.0 126.8 190.2#

100 0.0 24.9 37.3#





#44

2,2,4-Trimethylpentane

Concen: 0.546 ppbv

RT: 7.87 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 19:33

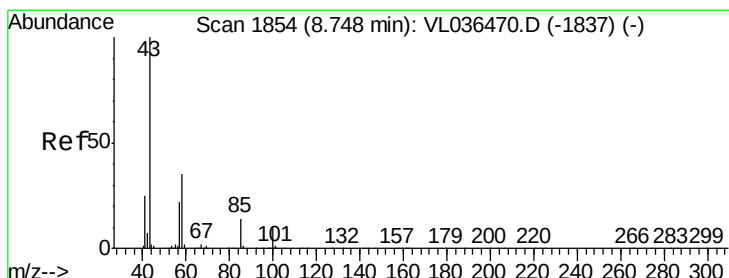
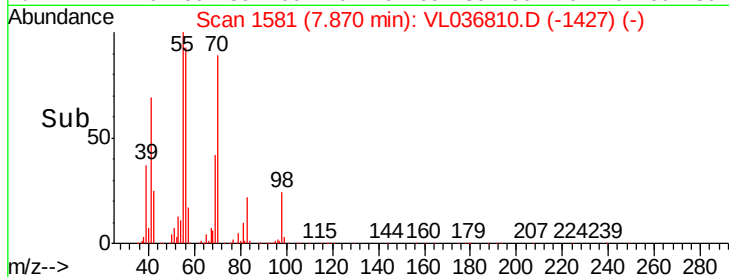
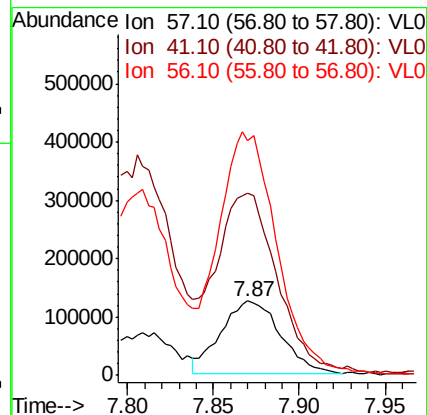
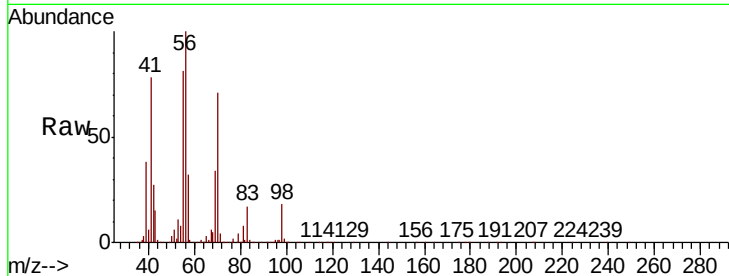
Tot Ion: 57 Resp: 299041

Ion Ratio Lower Upper

57 100

41 251.3 28.8 43.2#

56 326.3 26.1 39.1#



#50

4-Methyl-2-Pentanone

Concen: 0.461 ppbv

RT: 8.76 min Scan# 1859

Delta R.T. 0.02 min

Lab File: VL036810.D

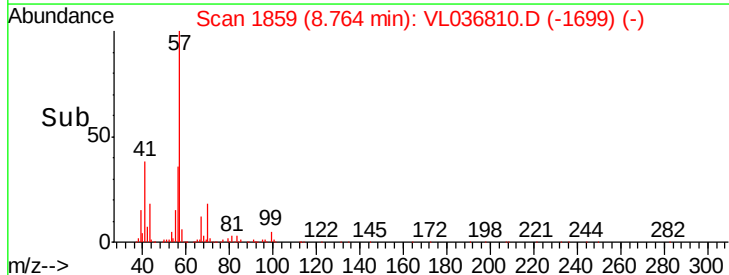
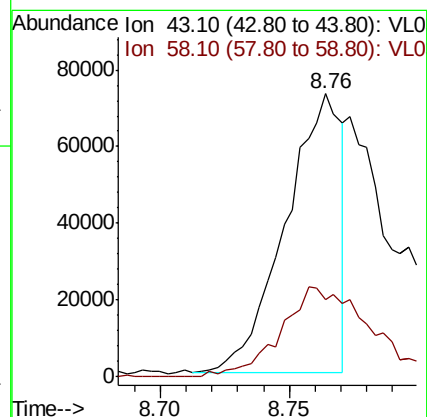
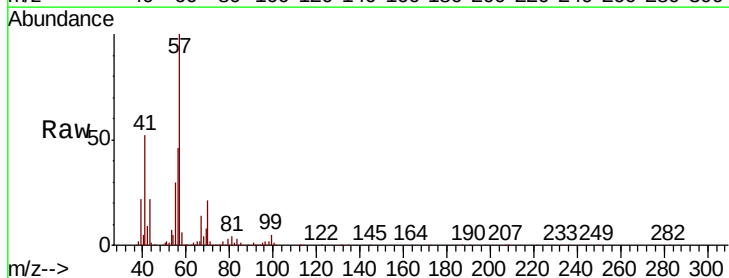
Acq: 13 Apr 2021 19:33

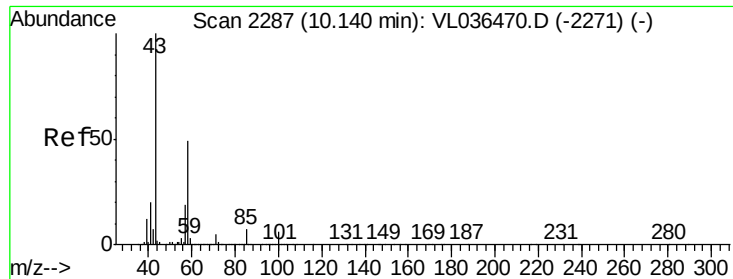
Tgt Ion: 43 Resp: 109695

Ion Ratio Lower Upper

43 100

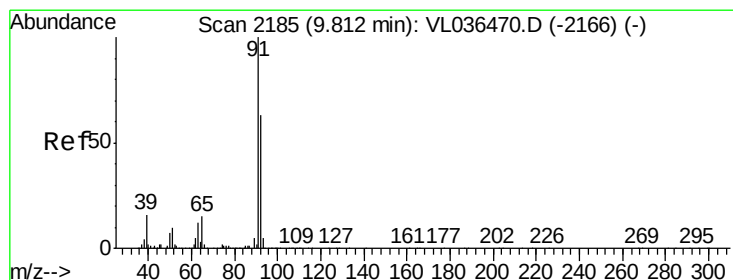
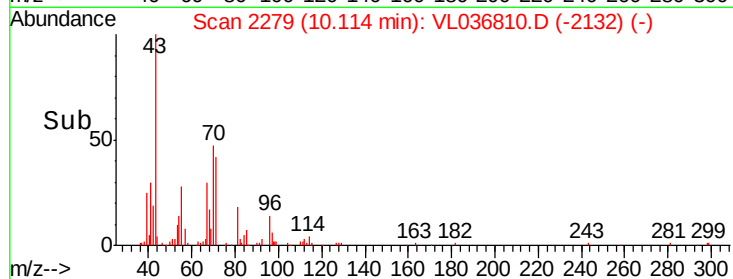
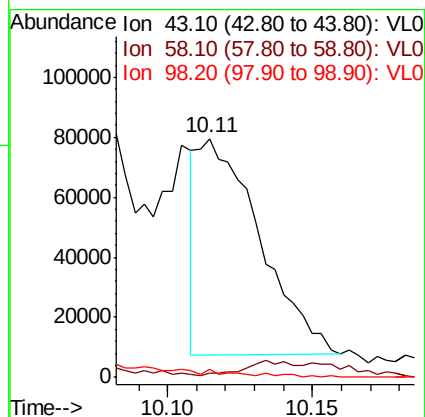
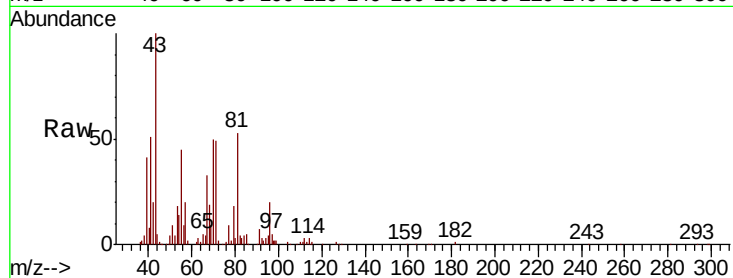
58 55.3 28.2 42.2#





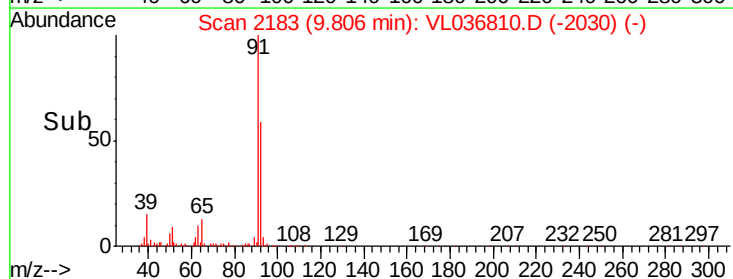
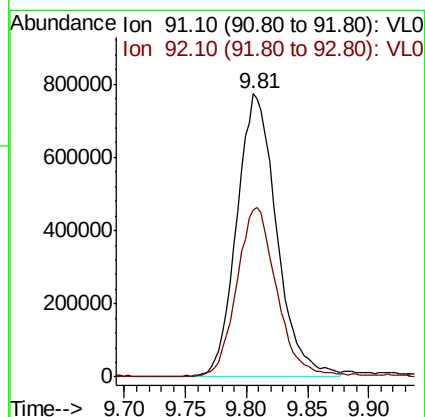
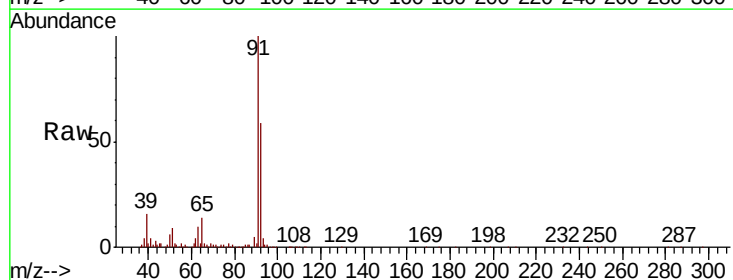
#51
2-Hexanone
Concen: 0.884 ppbv
RT: 10.11
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Apr 2021 19:33

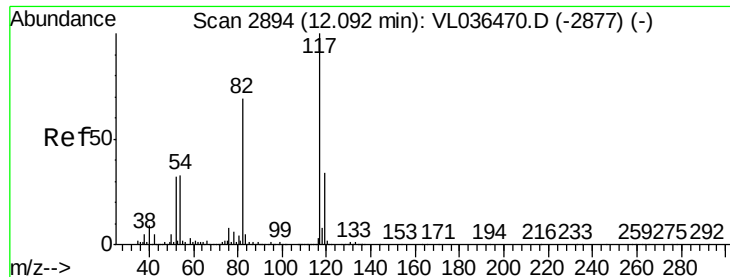
Tot Ion: 43 Resp: 106290
Ion Ratio Lower Upper
43 100
58 11.1 37.7 56.5#
98 0.0 0.2 0.2#



#53
Toluene
Concen: 5.261 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. -0.01 min
Lab File: VL036810.D
Acq: 13 Apr 2021 19:33

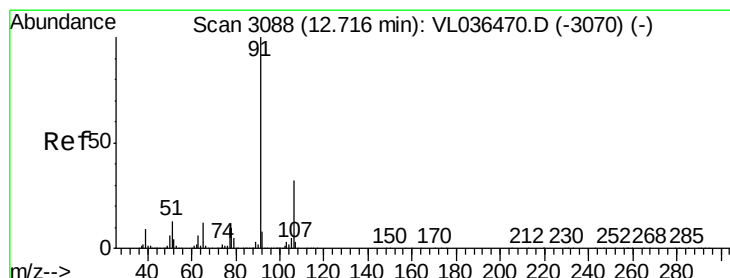
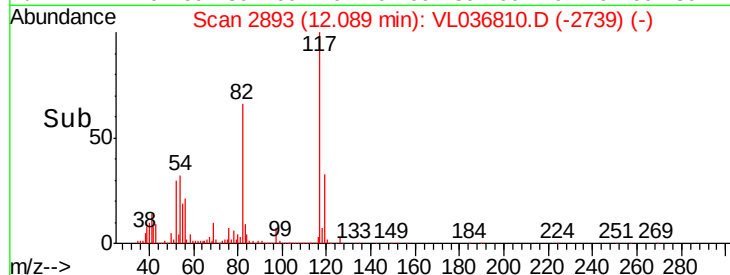
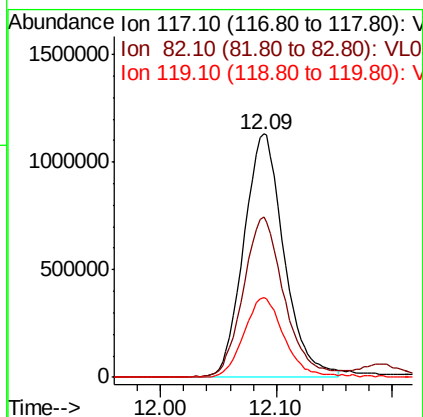
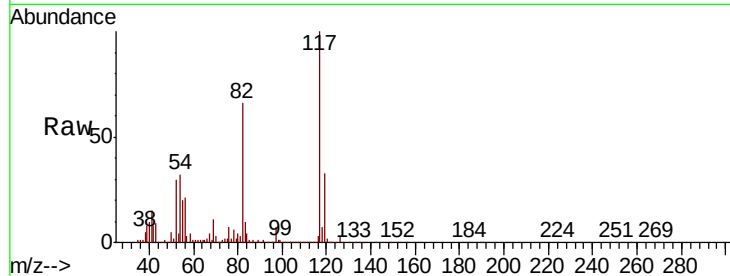
Tgt Ion: 91 Resp: 1742497
Ion Ratio Lower Upper
91 100
92 60.0 48.8 73.2





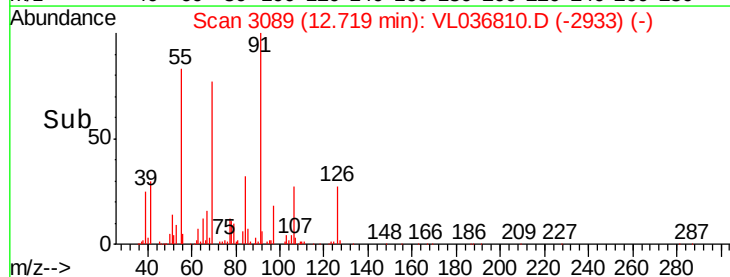
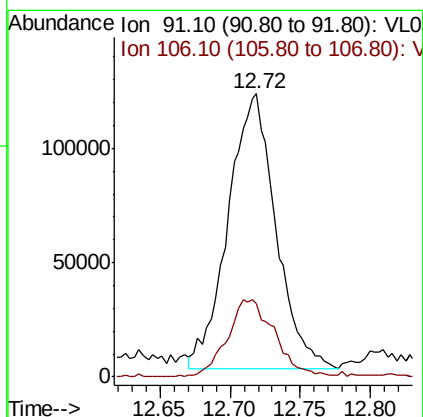
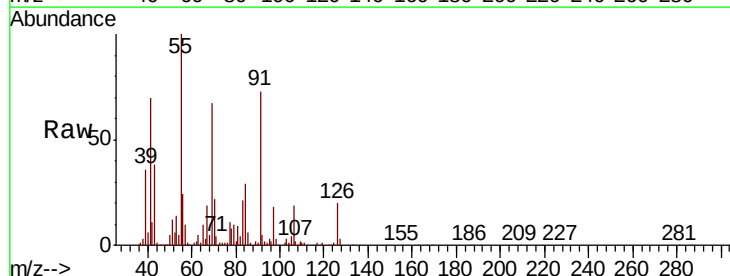
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Apr 2021 19:33

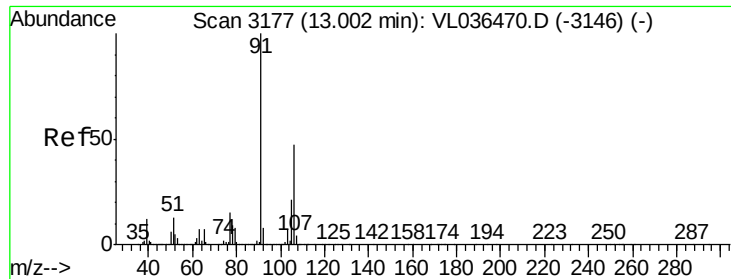
Tot Ion: 117 Resp: 2736709
Ion Ratio Lower Upper
117 100
82 67.9 57.4 86.0
119 33.8 47.4 71.0#



#58
Ethyl Benzene
Concen: 0.714 ppbv
RT: 12.72 min Scan# 3089
Delta R.T.: 0.00 min
Lab File: VL036810.D
Acq: 13 Apr 2021 19:33

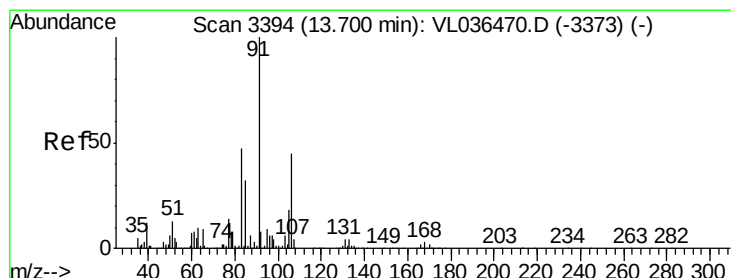
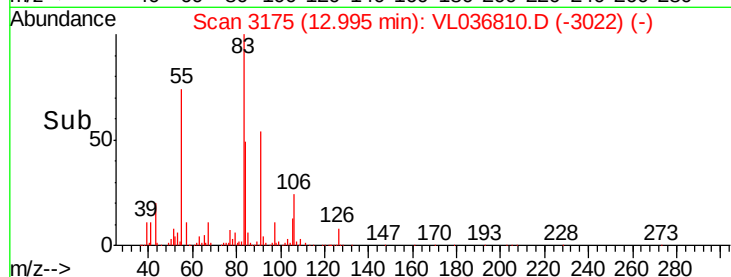
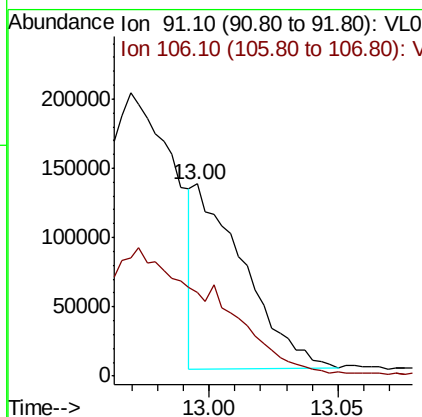
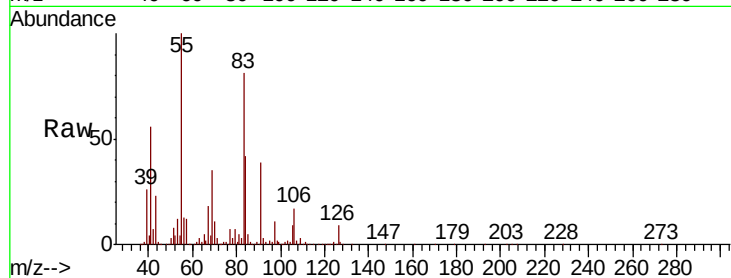
Tgt Ion: 91 Resp: 284231
Ion Ratio Lower Upper
91 100
106 26.0 25.3 37.9





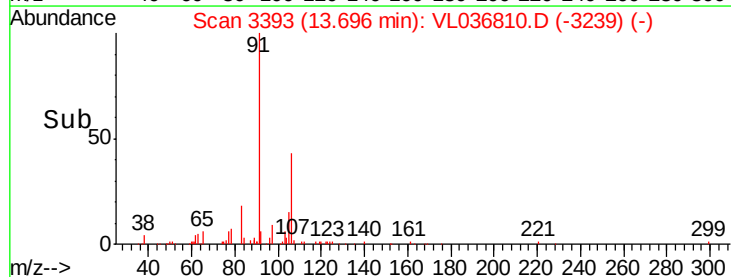
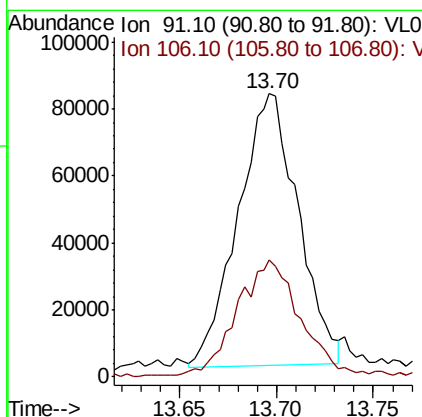
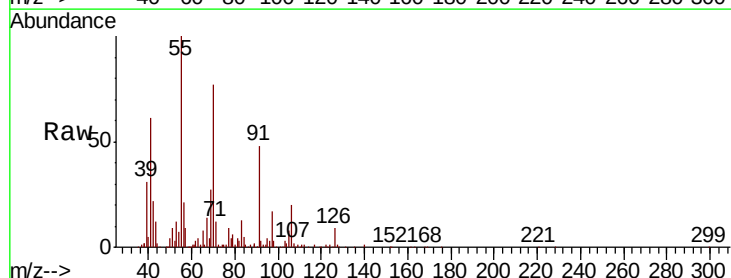
#59
m/p-Xylene
Concen: 0.517 ppbv
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Apr 2021 19:33

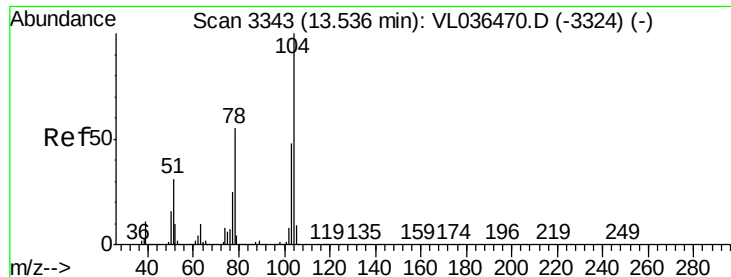
Tot Ion: 91 Resp: 179699
Ion Ratio Lower Upper
91 100
106 0.0 35.3 52.9#



#60
o-Xylene
Concen: 0.523 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VL036810.D
Acq: 13 Apr 2021 19:33

Tgt Ion: 91 Resp: 175781
Ion Ratio Lower Upper
91 100
106 46.6 22.3 66.9





#61

Stvrene

Concen: 1.496 ppbv

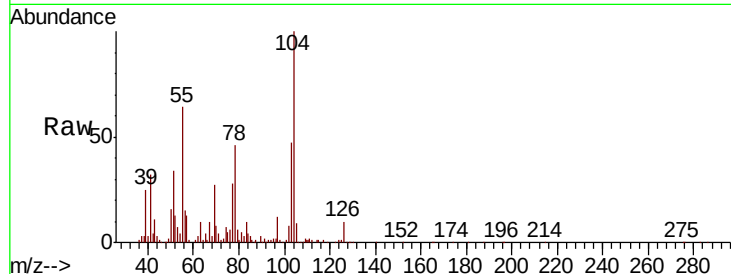
RT: 13.53

Delta R.T. MSVOA_L

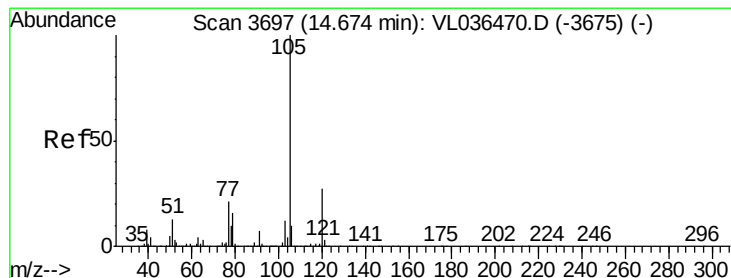
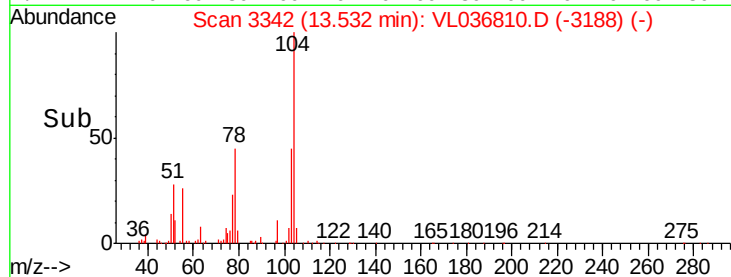
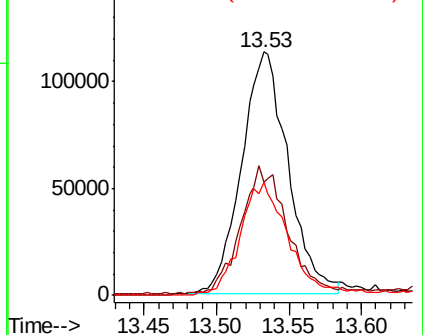
Lab File:

Acq: 13 Apr 2021 19:33

Tot Ion:	104	Resp:	252777
Ion	Ratio	Lower	Upper
104	100		
78	54.5	43.8	65.8
103	49.2	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: 13.129 ppbv

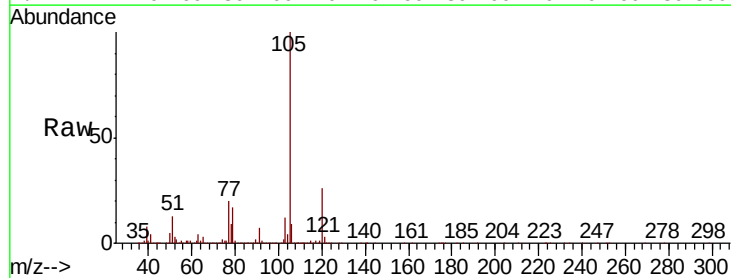
RT: 14.67 min Scan# 3697

Delta R.T. -0.00 min

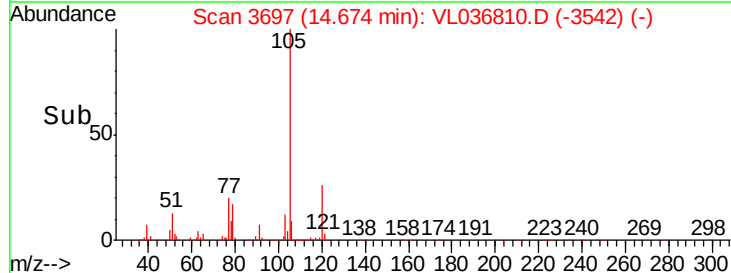
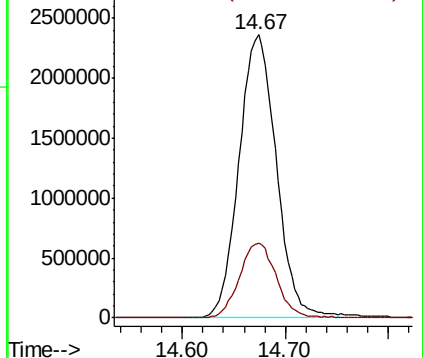
Lab File: VL036810.D

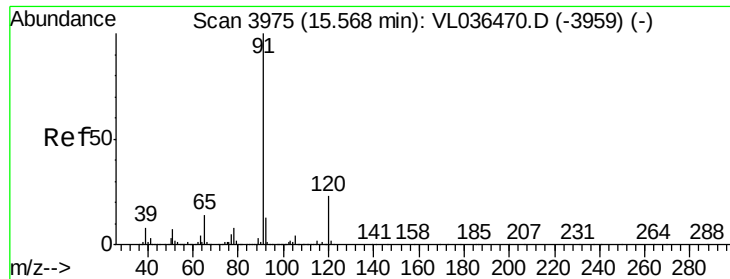
Acq: 13 Apr 2021 19:33

Tgt Ion:	105	Resp:	5936953
Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.6	31.0



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





#64

n-propylbenzene

Concen: 0.044 ppbv

RT: 15.57 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

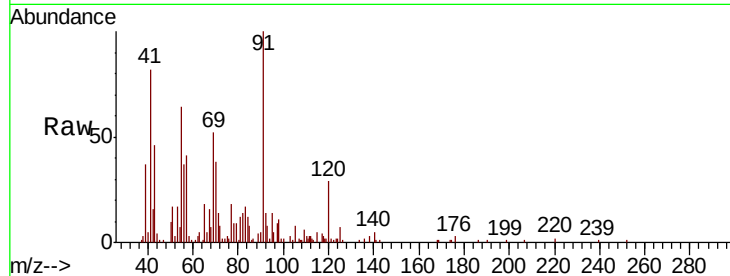
Acq: 13 Apr 2021 19:33

Tot Ion: 120 Resp: 4855

Ion Ratio Lower Upper

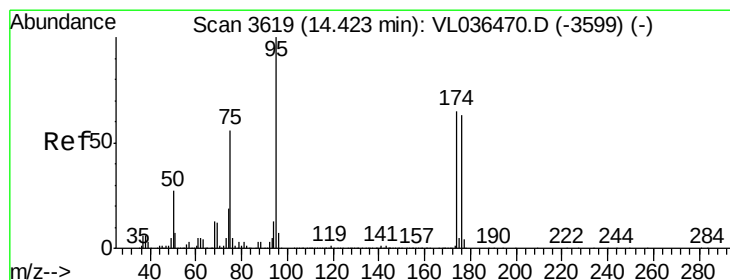
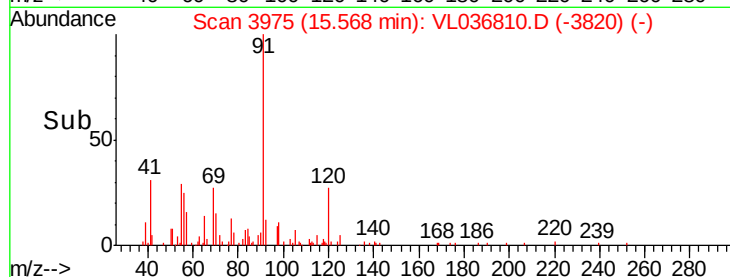
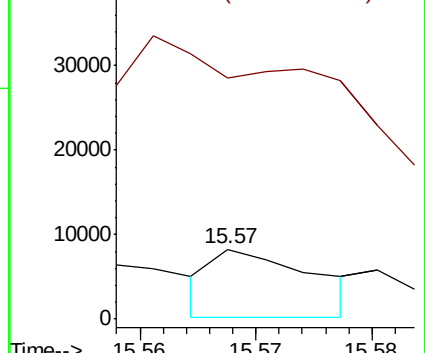
120 100

91 0.0 377.4 566.2#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.115 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.00 min

Lab File: VL036810.D

Acq: 13 Apr 2021 19:33

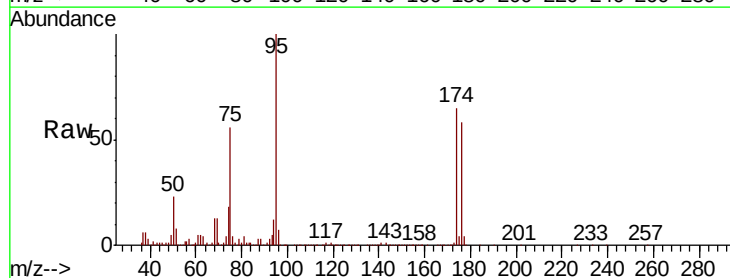
Tgt Ion: 95 Resp: 1988164

Ion Ratio Lower Upper

95 100

174 65.0 51.0 76.6

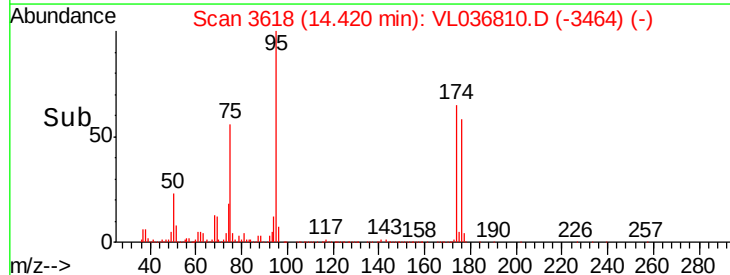
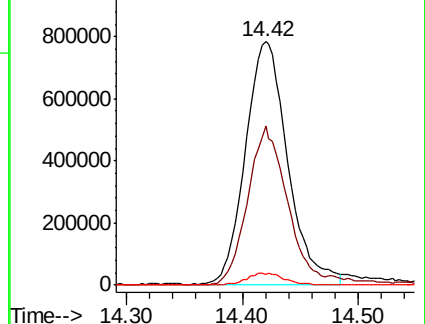
175 4.5 3.9 5.9

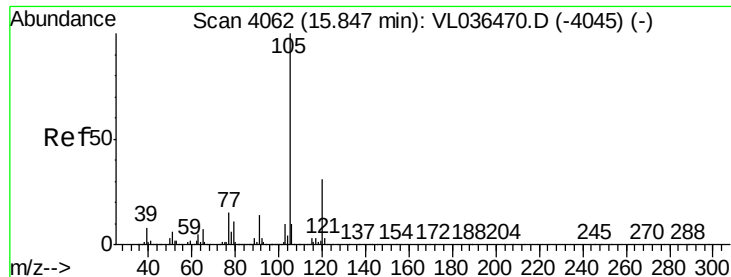


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#72

4-Ethyltoluene

Concen: 0.105 ppbv

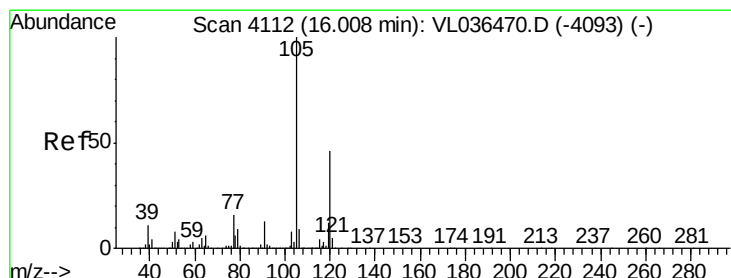
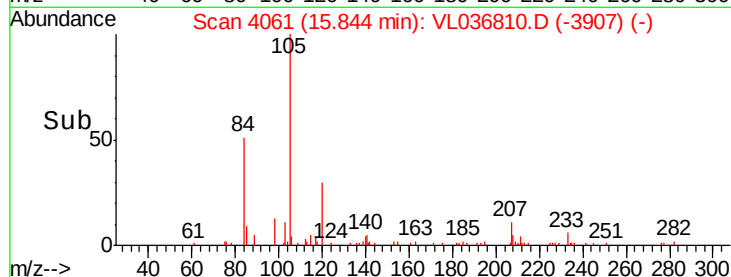
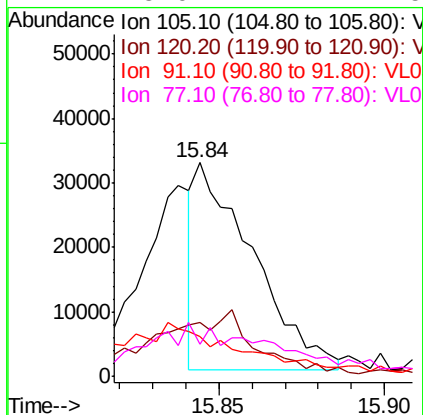
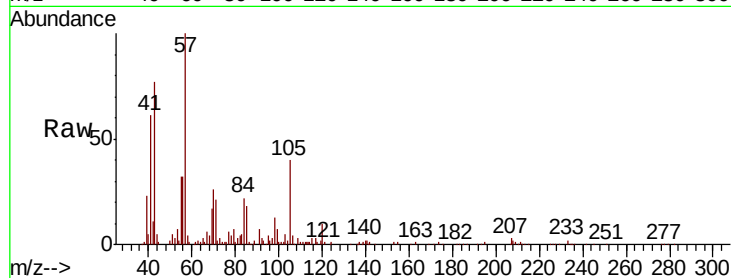
RT: 15.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 19:33

Tot Ion:	105	Resp:	38664
Ion	Ratio	Lower	Upper
105	100		
120	54.2	24.0	36.0#
91	0.0	11.0	16.4#
77	45.0	11.7	17.5#



#73

1,3,5-Trimethylbenzene

Concen: 0.065 ppbv

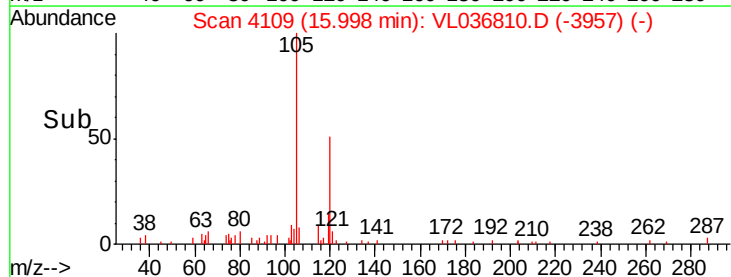
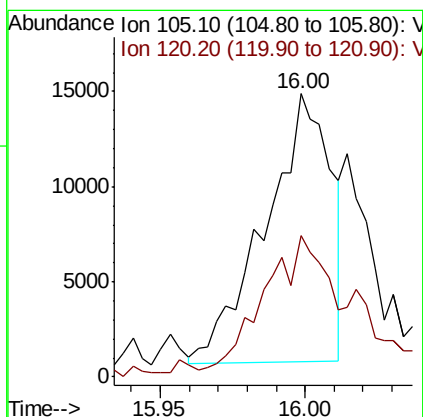
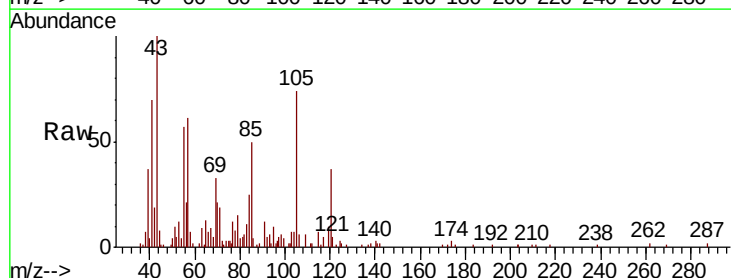
RT: 16.00 min Scan# 4109

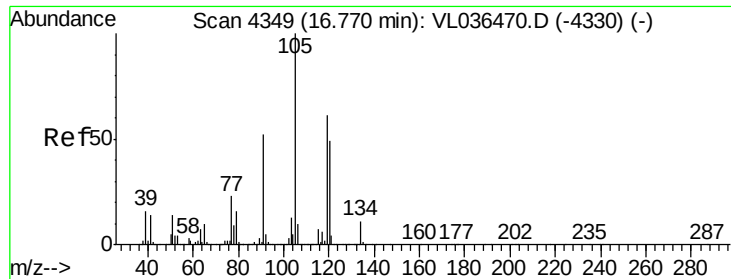
Delta R.T. -0.01 min

Lab File: VL036810.D

Acq: 13 Apr 2021 19:33

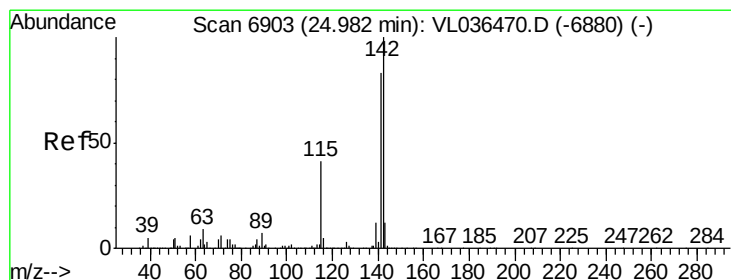
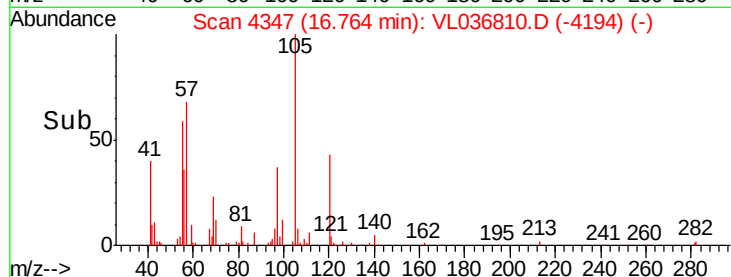
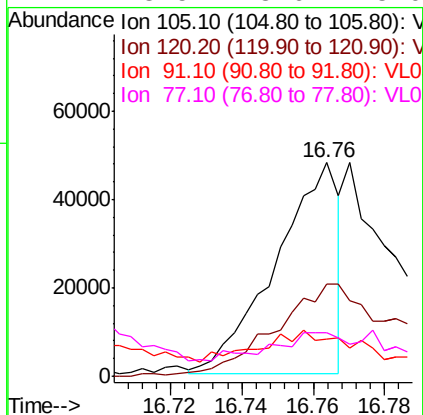
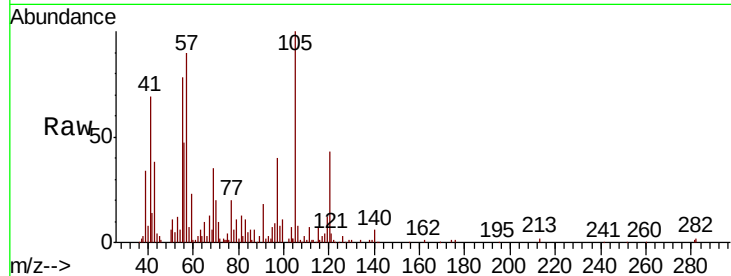
Tgt Ion:	105	Resp:	22178
Ion	Ratio	Lower	Upper
105	100		
120	49.5	36.6	54.8





#74
 1,2,4-Trimethylbenzene
 Concen: 0.160 ppbv
 RT: 16.76 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 13 Apr 2021 19:33

Tot Ion:	105	Resp:	58930
Ion Ratio	Lower	Upper	
105	100		
120	41.9	39.2	58.8
91	8.9	42.6	64.0#
77	13.5	18.6	28.0#



#80
 Naphthalene, 2-methyl-
 Concen: 0.053 ppbv
 RT: 24.98 min Scan# 6902
 Delta R.T. -0.00 min
 Lab File: VL036810.D
 Acq: 13 Apr 2021 19:33

Tgt Ion:	142	Resp:	2259
Ion Ratio	Lower	Upper	
142	100		
141	0.0	67.8	101.8#
115	43.0	34.0	51.0

